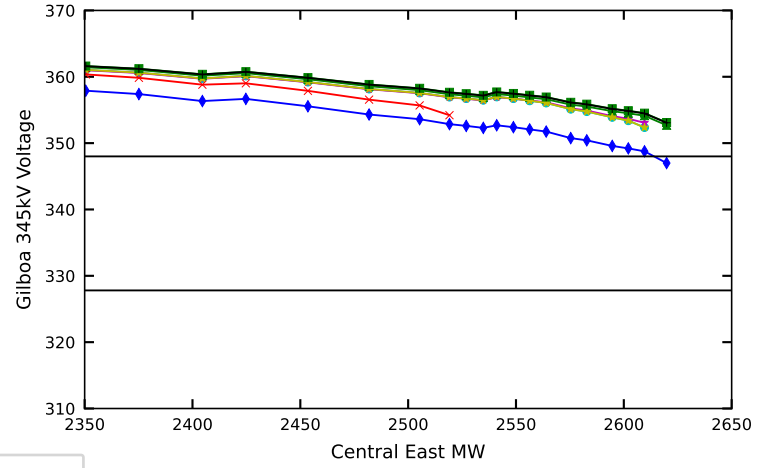
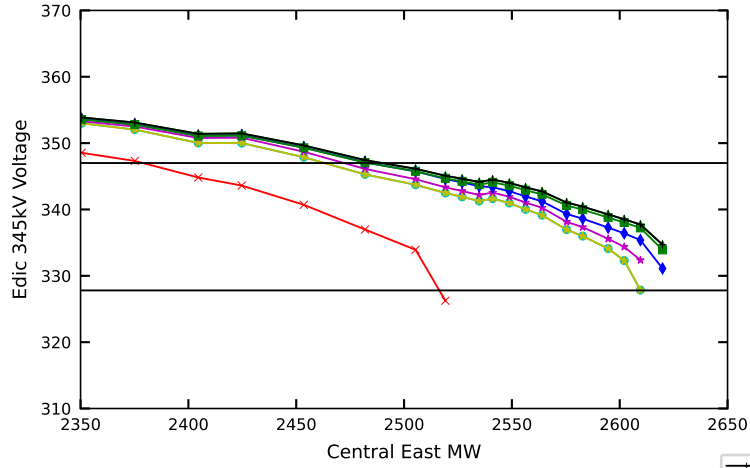
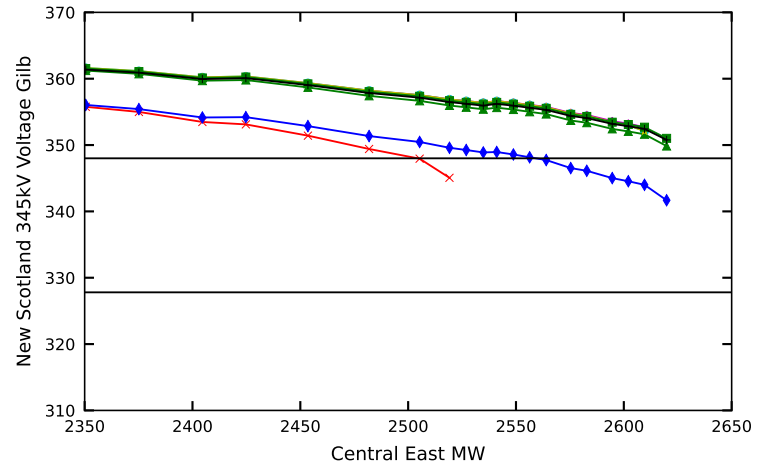
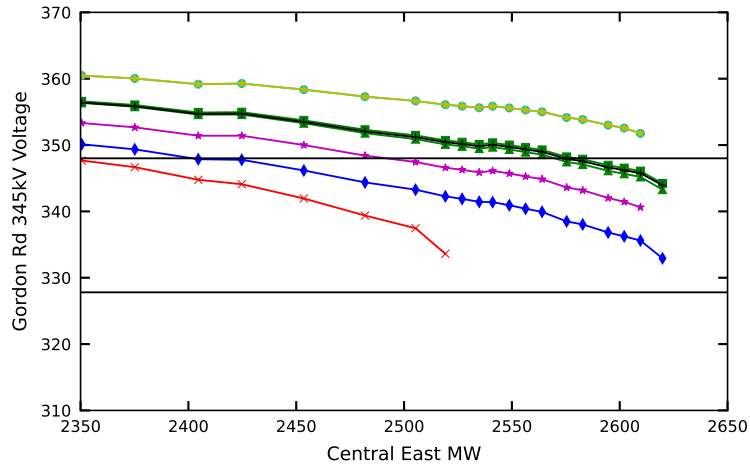


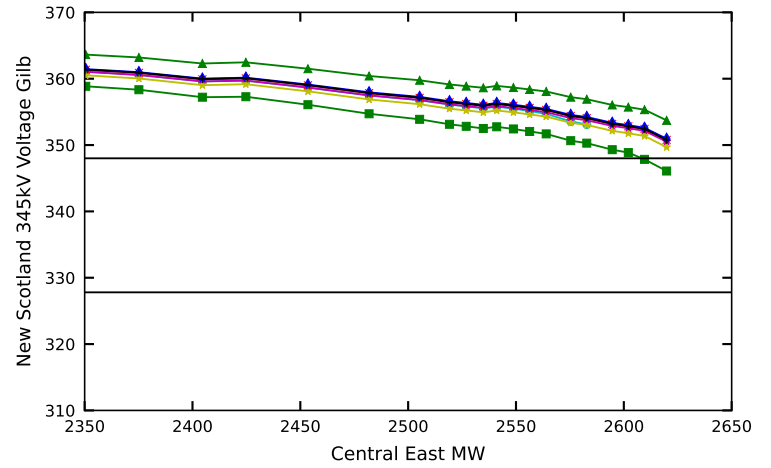
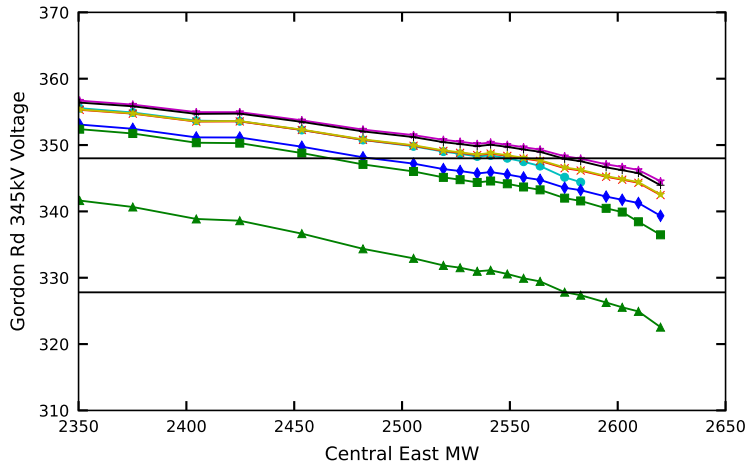
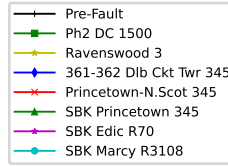
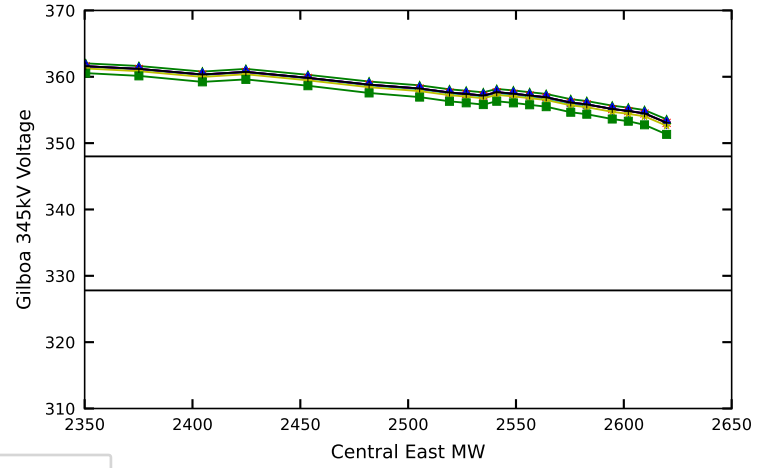
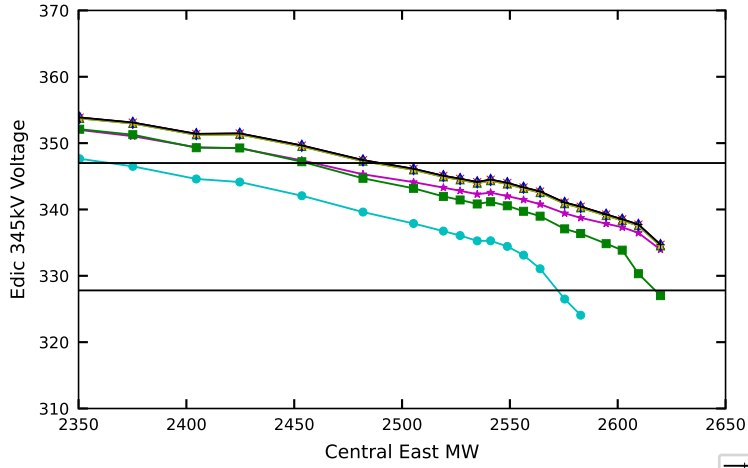
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A Figure 1



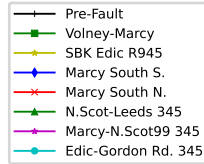
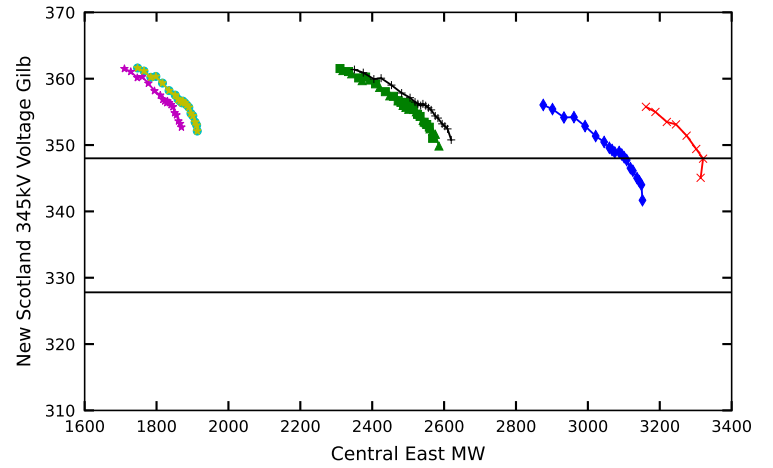
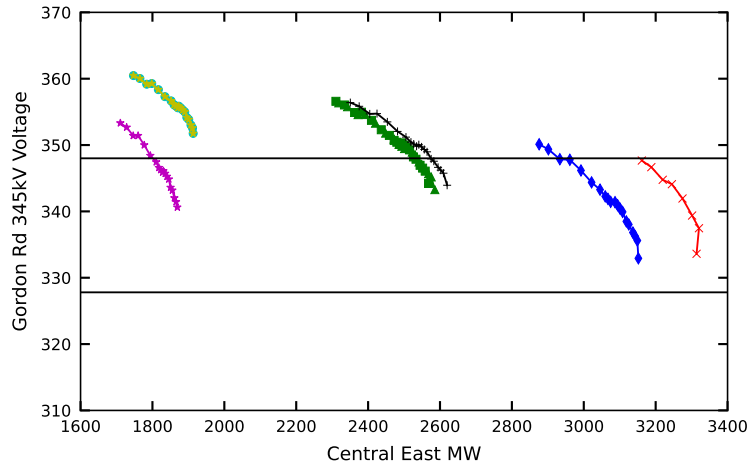
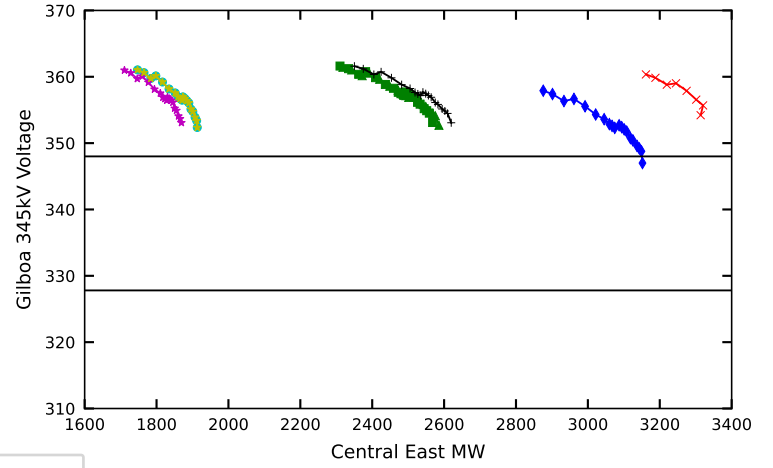
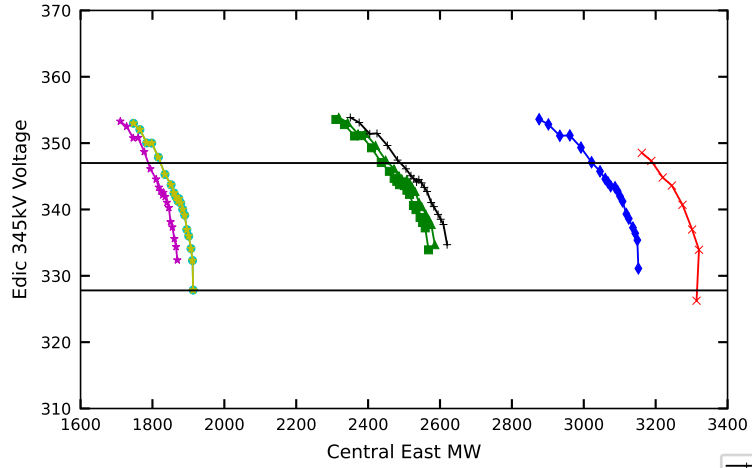
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



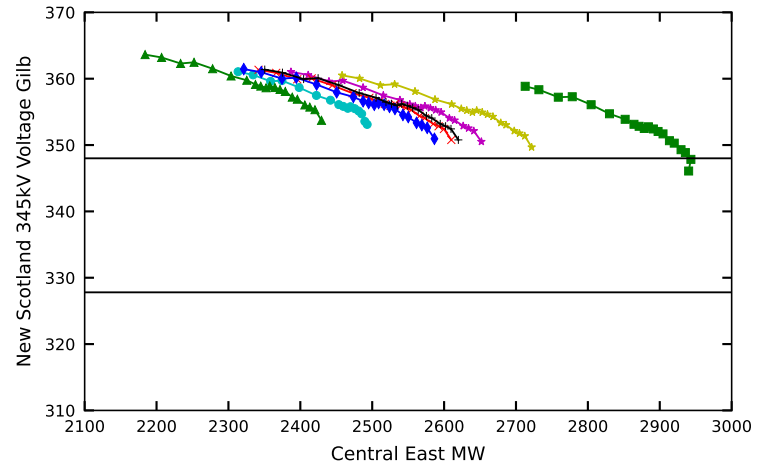
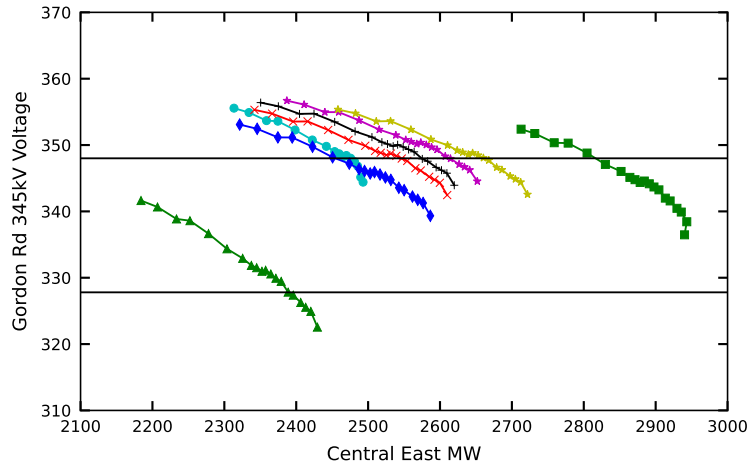
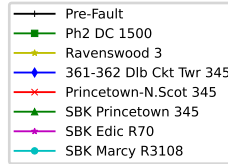
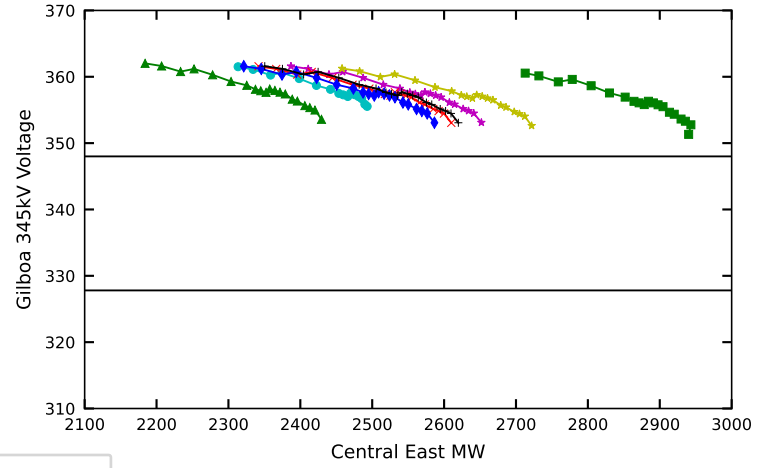
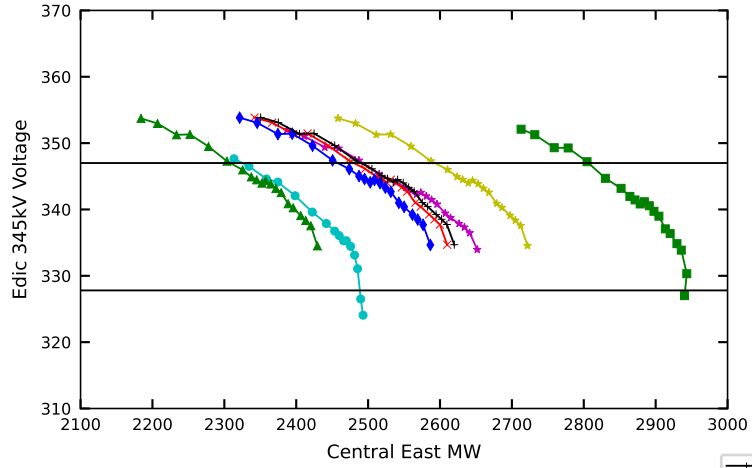
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A Figure 2



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A Figure 1



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A Figure 2



Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\0A\Sum2023_CEVC_PH2_00_0A.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

Interface: Central East

Transfer r MW	base	ce0 1	ce0 2	ce0 3	ce0 7	ce0 8	ce1 1	ce1 3	ce1 5	ce2 0	ce3 0	ce3 1	ce3 2	log0 9	log1 5
2350	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2375	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2404	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2424	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2453	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2481	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2505	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2519	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2526	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2534	t1 0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2541	t1 1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2548	t1 2	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2556	t1 3	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2564	t1 4	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2575	t1 5	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2582	t1 6	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2594	t1 7	0	0	0	0	2	0	0	0	1	0	0	0	0	0
2602	t1 8	0	0	0	0	2	0	0	0	2	0	0	0	0	0
2609	t1 9	0	0	0	0	2	0	0	0	2	0	0	0	0	0
2619	t2 0	0	2	2	0	2	0	2	0	2	0	0	0	0	0

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\0A\Sum2023_CEVC_PH2_00_0A.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17	t18	t19	t20
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
710 <E	Sprain Brook 345kV Voltage	Pre-Fault	1391.6	NA	348	710
2370 >E	Dunwoodie 345kV Voltage	Pre-Fault	72.4	NA	348	2370
2380	limit with 5% margin	Marcy South N.	NA	NA	NA	3154
2453	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2368
2476	Marcy 345kV Voltage	Pre-Fault	12.8	NA	348	2476
2479	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1817
2479	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1775
2479	limit with 5% margin	SBK Edic R945	NA	NA	NA	1817
2479	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2796
2481	Pannell Road 345kV Voltage	Pre-Fault	23.2	NA	346	2481
2485	Clay 345kV Voltage	Pre-Fault	20.4	NA	345	2485
2486	Station 80 345kV Voltage	Pre-Fault	34.0	NA	346	2486
2488	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2456
2488	limit with 5% margin	Marcy South S.	NA	NA	NA	2994
2488	limit with 5% margin	Volney-Marcy	NA	NA	NA	2439
2488	limit with 5% margin	SBK Edic R70	NA	NA	NA	2519
2488	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2307
2488	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2479
2488	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2457
2488	limit with 5% margin	Ravenswood 3	NA	NA	NA	2585
2489	Edic 345kV Voltage	Pre-Fault	17.9	NA	347	2489
2533 >E	Clay 345kV Voltage	Marcy South N.	8.1	327.8	342.6	3343
2552 >E	Edic 345kV Voltage	Marcy South N.	7.7	327.8	343.5	3358
2556 >E	Marcy 345kV Voltage	Marcy South N.	7.7	327.8	343.4	3361
2567	Clay 345kV Voltage	SBK Marcy R3108	2.2	327.8	340.4	2486
2572	Edic 345kV Voltage	SBK Marcy R3108	2.5	327.8	341.5	2488
2574	Gordon Rd 345kV Voltage	Pre-Fault	10.6	NA	348	2574
2575	Gordon Rd 345kV Voltage	SBK Princetown 345	16.3	327.8	347.9	2389
2578	Millwood 345kV Voltage	Pre-Fault	82.9	NA	348	2578
2600 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	4.5	327.8	340.7	2500
2607	Clay 345kV Voltage	SBK Edic R945	1.6	327.8	336.8	1912
2607	Clay 345kV Voltage	Edic-Gordon Rd. 345	1.6	327.8	336.8	1912
2609	Marcy 345kV Voltage	SBK Edic R945	1.7	327.8	337.9	1913
2609	Marcy 345kV Voltage	Edic-Gordon Rd. 345	1.7	327.8	337.9	1913
2609 >E	Edic 345kV Voltage	SBK Edic R945	1.7	327.8	337.7	1913
2609 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	1.7	327.8	337.7	1913
2614 >E	Edic 345kV Voltage	Ph2 DC 1500	2.1	327.8	337.2	2948
2615 >E	Clay 345kV Voltage	Ph2 DC 1500	2.2	327.8	335.9	2948
2615 >E	Marcy 345kV Voltage	Ph2 DC 1500	2.1	327.8	337.2	2949
2618 >E	Station 80 345kV Voltage	SBK Marcy R3108	5.4	327.8	340.7	2508

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\0A\Sum2023_CEVC_PH2_00_0A.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2620 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	335.3	1874
2620 >E	Clay 345kV Voltage	Volney-Marcy	2.4	327.8	333.4	2569
2623 >E	Gordon Rd 345kV Voltage	Marcy South N.	12.2	327.8	346.9	3416
2626 >E	Clay 345kV Voltage	Marcy South S.	2.5	327.8	332.0	3153
2626 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	335.9	1877
2626 >E	Pannell Road 345kV Voltage	SBK Edic R945	2.8	327.8	339.1	1917
2626 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	339.1	1917
2627 >E	Edic 345kV Voltage	Marcy South S.	2.4	327.8	332.3	3154
2628 >E	Marcy 345kV Voltage	Marcy South S.	2.4	327.8	332.1	3154
2629 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	335.7	1878
2630 >E	Pannell Road 345kV Voltage	Marcy South N.	13.3	327.8	341.5	3422
2630 >E	Buchanan North 345kV Voltage	Pre-Fault	20.6	NA	346	2630
2636 >E	New Scotland 345kV Voltage Alps	Pre-Fault	6.2	NA	348	2636
2636 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	6.2	NA	348	2636
2638 >E	Station 80 345kV Voltage	SBK Edic R945	3.4	327.8	339.8	1919
2638 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	339.8	1919
2638 >E	Edic 345kV Voltage	Volney-Marcy	3.1	327.8	329.1	2585
2639 >E	Gordon Rd 345kV Voltage	Marcy South S.	3.8	327.8	340.5	3157
2639 >E	Clay 345kV Voltage	SBK Princetown 345	3.6	327.8	328.4	2446
2640 >E	Clay 345kV Voltage	Ravenswood 3	3.6	327.8	328.3	2740
2640 >E	Clay 345kV Voltage	SBK Edic R70	4.0	327.8	328.2	2673
2641 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	327.8	327.9	2607
2641 >E	Clay 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	327.9	2606
2641 >E	Marcy 345kV Voltage	Volney-Marcy	3.2	327.8	328.3	2587
2641 >E	Clay 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	2631
2641 >E	Oakdale 345kV Voltage	SBK Edic R945	2.1	320	340.4	1920
2641 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.1	320	340.4	1920
2642 >E	Edic 345kV Voltage	SBK Princetown 345	3.4	327.8	328.0	2449
2642 >E	Edic 345kV Voltage	Ravenswood 3	3.4	327.8	328.0	2742
2642 >E	Oakdale 345kV Voltage	Pre-Fault	3.6	NA	335	2642
2642 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.4	327.8	327.8	2609
2643 >E	Edic 345kV Voltage	Princetown-N.Scot 345	3.4	327.8	327.8	2633
2643 >E	Edic 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	327.8	2608
2643 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	327.8	2608
2643 >E	Marcy 345kV Voltage	SBK Edic R70	3.4	327.8	327.8	2676
2643 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	3.4	327.8	327.8	2633
2643 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.4	327.8	327.8	2609
2643 >E	Marcy 345kV Voltage	Ravenswood 3	3.4	327.8	327.8	2743

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2643 >E	Marcy 345kV Voltage	SBK Princetown 345	3.4	327.8	327.8	2450
2644 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	4.1	327.8	338.1	2978
2644 >E	Edic 345kV Voltage	SBK Edic R70	4.1	327.8	327.3	2677
2647 >E	Pleasant Valley 345kV Voltage	Pre-Fault	13.8	NA	348	2647
2648 >E	Pannell Road 345kV Voltage	Volney-Marcy	3.9	327.8	333.2	2594
2652 >E	Pannell Road 345kV Voltage	Marcy South S.	3.9	327.8	332.4	3161
2656 >E	Gilboa 345kV Voltage	Pre-Fault	7.3	NA	348	2656
2658 >E	Station 80 345kV Voltage	Ph2 DC 1500	5.1	327.8	338.8	2993
2660 >E	Fraser 345kV Voltage	SBK Edic R945	2.8	327.8	345.6	1924
2660 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	345.6	1924
2661 >E	Fraser 345kV Voltage	Pre-Fault	4.3	NA	338	2661
2663 >E	Rock Tavern 345kV Voltage	Pre-Fault	12.6	NA	348	2663
2664 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.1	327.8	342.5	2999
2664 >E	Station 80 345kV Voltage	Volney-Marcy	4.7	327.8	333.2	2608
2666 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.4	327.8	336.8	1895
2669 >E	Station 80 345kV Voltage	Marcy South S.	4.8	327.8	332.5	3165
2671 >E	Station 80 345kV Voltage	Marcy South N.	15.1	327.8	340.6	3455
2671 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	6.5	218.5	229.3	3006
2672 >E	Buchanan South 345kV Voltage	Pre-Fault	19.4	NA	346	2672
2672 >E	Oakdale 345kV Voltage	Volney-Marcy	3.0	320	326.6	2615
2673 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.0	320	340.7	2532
2673 >E	St.Lawrence 230kV Voltage	Pre-Fault	12.0	NA	225	2673
2674 >E	Coopers Corners 345kV Voltage	SBK Edic R945	4.5	327.8	345.7	1927
2674 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	345.7	1927
2675 >E	Pannell Road 345kV Voltage	Ravenswood 3	5.5	327.8	328.4	2773
2675 >E	Pannell Road 345kV Voltage	SBK Princetown 345	5.5	327.8	328.4	2478
2676 >E	Coopers Corners 345kV Voltage	Pre-Fault	5.9	NA	338	2676
2677 >E	Oakdale 345kV Voltage	Marcy South N.	10.7	320	343.7	3460
2677 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	5.6	327.8	327.9	2643
2678 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	327.9	2642
2678 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	5.6	327.8	327.8	2668
2679 >E	Pannell Road 345kV Voltage	SBK Edic R70	5.9	327.8	327.7	2713
2680 >E	New Scotland 345kV Voltage Alps	Marcy South S.	4.4	327.8	340.9	3168
2680 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	4.4	327.8	340.9	3168
2681 >E	Oakdale 345kV Voltage	Marcy South S.	3.1	320	324.3	3169
2681 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	5.3	327.8	333.1	2646
2682 >E	Leeds 345kV Voltage	Pre-Fault	7.8	NA	345	2682
2684 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.8	320	335.4	3019
2685 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.3	320	335.3	1904

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2691 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	7.8	327.8	337.2	1907
2692 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.6	320	321.3	2493
2692 >E	Oakdale 345kV Voltage	Ravenswood 3	3.6	320	321.2	2789
2695 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	3.6	320	320.2	2661
2695 >E	Station 80 345kV Voltage	Ravenswood 3	6.7	327.8	328.6	2792
2696 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.6	320	320.2	2660
2696 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.6	320	320.1	2686
2697 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.5	218.5	228.8	1933
2697 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	8.5	218.5	228.8	1933
2697 >E	Station 80 345kV Voltage	SBK Princetown 345	6.7	327.8	328.3	2498
2698 >E	Oakdale 345kV Voltage	SBK Edic R70	3.7	320	319.6	2733
2700 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	6.8	327.8	327.9	2665
2700 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	329.6	2690
2700 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	327.9	2664
2701 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	6.9	327.8	327.8	2690
2701 >E	Gordon Rd 345kV Voltage	Ravenswood 3	5.5	327.8	329.5	2797
2702 >E	Station 80 345kV Voltage	SBK Edic R70	7.2	327.8	327.6	2737
2702 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	329.2	2666
2705 >E	Fraser 345kV Voltage	Volney-Marcy	4.3	327.8	327.8	2645
2705 >E	Fraser 345kV Voltage	SBK Edic R70	4.3	327.8	327.8	2740
2705 >E	Fraser 345kV Voltage	Ravenswood 3	4.3	327.8	327.8	2801
2705 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	4.3	327.8	327.8	2669
2705 >E	Fraser 345kV Voltage	Marcy South S.	4.3	327.8	327.8	3175
2705 >E	Fraser 345kV Voltage	SBK Princetown 345	4.3	327.8	327.8	2505
2705 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	4.3	327.8	327.8	2695
2705 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	4.3	327.8	327.8	2670
2709 >E	Gordon Rd 345kV Voltage	Volney-Marcy	5.5	327.8	328.0	2649
2716 >E	Ramapo 500kV Voltage	Ravenswood 3	24.4	500	504.9	2811
2719 >E	Coopers Corners 345kV Voltage	Ravenswood 3	5.8	327.8	330.7	2814
2720 >E	Gordon Rd 345kV Voltage	SBK Edic R70	6.0	327.8	326.0	2756
2720 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.5	327.8	340.2	1921
2722 >E	Ramapo 345kV Voltage	Pre-Fault	20.1	NA	346	2722
2724 >E	St.Lawrence 230kV Voltage	Marcy South S.	9.7	218.5	220.7	3181
2727 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	9.2	327.8	338.7	1924
2728 >E	Coopers Corners 345kV Voltage	SBK Edic R70	5.8	327.8	329.2	2763
2728 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	5.8	327.8	329.1	2525
2730 >E	Gilboa 345kV Voltage	Marcy South S.	5.8	327.8	337.8	3182
2733 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	5.9	327.8	328.2	2696

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2734 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	5.9	327.8	328.0	2699
2735 >E	Leeds 345kV Voltage	Marcy South S.	5.9	327.8	338.3	3184
2735 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	5.9	327.8	327.9	2725
2737 >E	Somerset 345kV Voltage	SBK Edic R945	6.4	327.8	347.4	1942
2737 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	6.4	327.8	347.4	1942
2737 >E	Marcy 345kV Voltage	SBK Marcy R3108	12.1	327.8	327.8	2560
2738 >E	Coopers Corners 345kV Voltage	Volney-Marcy	5.9	327.8	327.4	2675
2740 >E	St.Lawrence 230kV Voltage	SBK Edic R70	11.0	218.5	219.4	2776
2740 >E	St.Lawrence 230kV Voltage	Volney-Marcy	11.3	218.5	219.4	2677
2743 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	8.4	327.8	341.8	1931
2745 >E	Ladentown 345kV Voltage	Pre-Fault	19.8	NA	346	2745
2746 >E	St.Lawrence 230kV Voltage	Ravenswood 3	11.8	218.5	218.9	2839
2746 >E	Roseton 345kV Voltage	Pre-Fault	15.9	NA	345	2746
2747 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	5.8	327.8	330.2	2710
2747 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	5.8	327.8	330.2	2710
2749 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	10.1	327.8	339.7	2566
2751 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	12.0	218.5	218.5	2740
2751 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	12.0	218.5	218.5	2715
2751 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	12.0	218.5	218.5	2714
2753 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	6.1	327.8	329.2	2845
2753 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	6.1	327.8	329.2	2845
2753 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	12.0	218.5	218.3	2548
2757 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	7.4	327.8	344.5	3094
2757 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	7.4	327.8	344.5	3094
2758 >E	Watercure 230kV Voltage	SBK Edic R945	6.8	207	230.4	1947
2758 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	6.8	207	230.4	1947
2761 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	6.1	327.8	327.9	2695
2761 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	6.1	327.8	327.9	2695
2761 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	6.2	327.8	327.8	2750
2761 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	6.2	327.8	327.8	2750
2763 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	6.3	327.8	327.6	2800
2763 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	6.3	327.8	327.6	2800
2763 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	6.2	327.8	327.5	2727
2763 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	6.2	327.8	327.5	2727
2767 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	8.0	327.8	340.4	3104
2772 >E	Niagara 230kV East Voltage	Pre-Fault	22.2	NA	225	2772
2772 >E	Niagara 230kV West Voltage	Pre-Fault	22.2	NA	225	2772

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2776 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	23.6	500	506.4	1951
2776 >E	Ramapo 500kV Voltage	SBK Edic R945	23.6	500	506.4	1951
2777 >E	Ramapo 500kV Voltage	Ph2 DC 1500	38.9	500	506.4	3115
2780 >E	Somerset 345kV Voltage	SBK Marcy R3108	10.4	327.8	346.4	2579
2785 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	6.4	327.8	324.0	2576
2785 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	6.4	327.8	324.0	2576
2789 >E	Gilboa 345kV Voltage	SBK Edic R945	7.3	327.8	345.7	1954
2789 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	7.3	327.8	345.7	1954
2796 >E	Bowline 1 345kV Voltage	Pre-Fault	19.8	NA	345	2796
2797 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	7.1	327.8	328.7	2759
2799 >E	Gilboa 345kV Voltage	Ravenswood 3	7.2	327.8	328.4	2888
2803 >E	Gilboa 345kV Voltage	Volney-Marcy	7.3	327.8	327.9	2733
2803 >E	Somerset 345kV Voltage	Ph2 DC 1500	9.7	327.8	345.7	3141
2803 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	7.3	327.8	327.8	2792
2804 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	7.3	327.8	327.8	2767
2805 >E	Gilboa 345kV Voltage	SBK Edic R70	7.3	327.8	327.6	2843
2805 >E	Bowline 2 345kV Voltage	Pre-Fault	19.8	NA	345	2805
2808 >E	Gilboa 345kV Voltage	SBK Princetown 345	7.3	327.8	327.2	2597
2815 >E	Somerset 345kV Voltage	Pre-Fault	16.3	NA	338	2815
2816 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	8.5	327.8	341.3	1960
2816 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	8.5	327.8	341.3	1960
2816 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	8.5	327.8	341.3	1960
2816 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	8.5	327.8	341.3	1960
2817 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	7.8	327.8	327.8	2779
2817 >E	Leeds 345kV Voltage	Ravenswood 3	7.8	327.8	327.8	2905
2817 >E	Leeds 345kV Voltage	SBK Princetown 345	7.8	327.8	327.8	2605
2817 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	7.8	327.8	327.8	2806
2817 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	7.8	327.8	327.8	2780
2817 >E	Leeds 345kV Voltage	Volney-Marcy	7.8	327.8	327.8	2746
2817 >E	Leeds 345kV Voltage	SBK Edic R70	7.8	327.8	327.8	2856
2818 >E	Dunwoodie 345kV Voltage	Ravenswood 3	19.3	327.8	335.3	2906
2820 >E	Sprain Brook 345kV Voltage	Ravenswood 3	19.3	327.8	335.3	2908
2828 >E	New Scotland 345kV Voltage Alps	Marcy South N.	16.0	327.8	347.5	3583
2828 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	16.0	327.8	347.5	3583
2831 >E	Gordon Rd 345kV Voltage	SBK Edic R945	9.3	327.8	332.4	1963
2831 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	9.3	327.8	332.4	1963
2835 >E	Pleasant Valley 345kV Voltage	Marcy South S.	11.7	327.8	334.3	3212
2838 >E	Somerset 345kV Voltage	Volney-Marcy	10.4	327.8	336.6	2765
2840 >E	Ramapo 500kV Voltage	SBK Princetown 345	26.8	500	500.3	2625

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2842 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	26.7	500	500.2	2803
2842 >E	Somerset 345kV Voltage	Marcy South S.	10.5	327.8	336.3	3214
2844 >E	Ramapo 500kV Voltage	SBK Edic R70	27.0	500	500.1	2884
2845 >E	Ramapo 500kV Voltage	Volney-Marcy	27.1	500	500.1	2771
2846 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	27.0	500	500.1	2808
2847 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	27.0	500	500.0	2836
2847 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	20.9	218.5	226.1	1980
2848 >E	Ramapo 500kV Voltage	Pre-Fault	27.1	NA	500	2848
2853 >E	Millwood 345kV Voltage	Ravenswood 3	17.3	327.8	334.8	2939
2857 >E	Niagara 230kV East Voltage	Marcy South S.	18.2	218.5	221.2	3218
2857 >E	Niagara 230kV West Voltage	Marcy South S.	18.2	218.5	221.2	3218
2859 >E	Niagara 230kV East Voltage	Volney-Marcy	18.3	218.5	221.1	2783
2859 >E	Niagara 230kV West Voltage	Volney-Marcy	18.3	218.5	221.1	2783
2859 >E	Fraser 345kV Voltage	Ph2 DC 1500	11.2	327.8	327.8	3198
2868 >E	Rock Tavern 345kV Voltage	Ravenswood 3	12.1	327.8	331.7	2952
2870 >E	Buchanan North 345kV Voltage	Ravenswood 3	18.5	327.8	334.4	2954
2875 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	13.3	327.8	331.4	2959
2884 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	38.1	500	504.8	1997
2892 >E	Buchanan South 345kV Voltage	Ravenswood 3	17.5	327.8	334.6	2975
2900 >E	Niagara 230kV East Voltage	Ravenswood 3	21.4	218.5	219.2	2983
2900 >E	Niagara 230kV West Voltage	Ravenswood 3	21.4	218.5	219.2	2983
2910 >E	Rock Tavern 345kV Voltage	SBK Edic R945	13.5	327.8	345.2	1981
2910 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	13.5	327.8	345.2	1981
2911 >E	Rock Tavern 345kV Voltage	SBK Edic R70	12.5	327.8	328.3	2953
2913 >E	Niagara 230kV East Voltage	SBK Princetown 345	22.0	218.5	218.7	2690
2913 >E	Niagara 230kV West Voltage	SBK Princetown 345	22.0	218.5	218.7	2690
2913 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	12.5	327.8	328.2	2690
2914 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	12.5	327.8	328.1	2873
2916 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	22.2	218.5	218.5	2877
2916 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	22.2	218.5	218.5	2877
2916 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	22.2	218.5	218.5	2875
2916 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	22.2	218.5	218.5	2875
2916 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	22.2	218.5	218.5	2904
2916 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	22.2	218.5	218.5	2904
2916 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	12.6	327.8	327.9	2877
2917 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	12.6	327.8	327.8	2905
2918 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	13.5	327.8	328.3	2878

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2918 >E	Niagara 230kV East Voltage	SBK Edic R70	22.6	218.5	218.4	2960
2918 >E	Niagara 230kV West Voltage	SBK Edic R70	22.6	218.5	218.4	2960
2922 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	14.8	327.8	342.7	2014
2923 >E	Rock Tavern 345kV Voltage	Volney-Marcy	12.7	327.8	327.3	2842
2924 >E	Niagara 230kV East Voltage	SBK Edic R945	24.1	218.5	230.4	1984
2924 >E	Niagara 230kV West Voltage	SBK Edic R945	24.1	218.5	230.4	1984
2924 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	24.1	218.5	230.4	1984
2924 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	24.1	218.5	230.4	1984
2925 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	13.8	327.8	327.8	2967
2925 >E	Pleasant Valley 345kV Voltage	Princeton-N.Scot 345	13.8	327.8	327.8	2913
2927 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	12.6	327.8	338.9	2017
2927 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	13.8	327.8	327.7	2887
2930 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	13.9	327.8	327.4	2848
2936 >E	Watercure 230kV Voltage	Ph2 DC 1500	14.3	207	228.0	3276
2937 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	14.0	327.8	326.9	2711
2941 >E	Ramapo 500kV Voltage	Marcy South S.	40.7	500	496.6	3241
2950 >E	Niagara 345kV Voltage	SBK Edic R945	12.2	327.8	352.9	1990
2950 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	12.2	327.8	352.9	1990
2954 >E	Fraser 345kV Voltage	SBK Marcy R3108	15.1	327.8	327.8	2656
2955 >E	Gilboa 345kV Voltage	Ph2 DC 1500	13.9	327.8	337.5	3296
2956 >E	Somerset 345kV Voltage	Ravenswood 3	15.6	327.8	329.3	3034
2961 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	14.1	327.8	333.5	2032
2961 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	14.1	327.8	333.5	2032
2964 >E	Roseton 345kV Voltage	Ravenswood 3	15.3	327.8	331.3	3042
2970 >E	Somerset 345kV Voltage	SBK Princetown 345	15.9	327.8	328.5	2741
2975 >E	Ramapo 345kV Voltage	Ravenswood 3	18.5	327.8	333.4	3052
2977 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	21.8	327.8	328.0	2935
2979 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	16.2	327.8	327.9	2939
2979 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	21.8	327.8	328.0	2937
2979 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	16.2	327.8	327.9	2937
2979 >E	Dunwoodie 345kV Voltage	SBK Edic R70	22.1	327.8	327.9	3024
2980 >E	Somerset 345kV Voltage	Princeton-N.Scot 345	16.3	327.8	327.8	2968
2980 >E	Ladentown 345kV Voltage	Ravenswood 3	18.1	327.8	334.1	3057
2982 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	19.0	327.8	328.1	2940
2982 >E	Sprain Brook 345kV Voltage	SBK Edic R70	22.1	327.8	327.9	3026
2982 >E	Dunwoodie 345kV Voltage	Princeton-N.Scot 345	22.1	327.8	327.8	2970
2983 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	22.1	327.8	327.7	2943
2985 >E	Sprain Brook 345kV Voltage	Princeton-N.Scot 345	22.1	327.8	327.8	2972

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2985 >E	Millwood 345kV Voltage	SBK Edic R70	19.3	327.8	327.9	3029
2986 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	22.1	327.8	327.7	2945
2988 >E	Millwood 345kV Voltage	Princeton-N.Scot 345	19.3	327.8	327.8	2976
2989 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	19.3	327.8	327.7	2948
2990 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	16.1	327.8	336.5	2672
2990 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	16.1	327.8	336.5	2672
2992 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	22.3	327.8	327.4	2760
2993 >E	Dunwoodie 345kV Voltage	Volney-Marcy	22.5	327.8	327.3	2904
2994 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	22.3	327.8	327.4	2762
2995 >E	Sprain Brook 345kV Voltage	Volney-Marcy	22.5	327.8	327.3	2906
2996 >E	Somerset 345kV Voltage	SBK Edic R70	17.3	327.8	326.8	3041
2997 >E	Millwood 345kV Voltage	SBK Princetown 345	19.4	327.8	327.3	2764
2998 >E	Millwood 345kV Voltage	Volney-Marcy	19.6	327.8	327.3	2909
2999 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	20.3	327.8	328.1	2957
3000 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	17.1	207	227.2	2051
3001 >E	Buchanan North 345kV Voltage	SBK Edic R70	20.6	327.8	328.0	3046
3005 >E	Buchanan North 345kV Voltage	Princeton-N.Scot 345	20.6	327.8	327.8	2992
3005 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	20.6	327.8	327.8	2964
3005 >E	St.Lawrence 230kV Voltage	Marcy South N.	40.0	218.5	226.4	3727
3007 >E	Buchanan North 345kV Voltage	SBK Princetown 345	20.6	327.8	327.7	2773
3009 >E	Bowline 1 345kV Voltage	Ravenswood 3	18.1	327.8	334.2	3084
3014 >E	Buchanan North 345kV Voltage	Volney-Marcy	20.9	327.8	327.4	2924
3015 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	15.8	327.8	328.1	2973
3017 >E	Bowline 2 345kV Voltage	Ravenswood 3	18.1	327.8	334.3	3091
3017 >E	Roseton 345kV Voltage	SBK Edic R70	15.9	327.8	328.0	3062
3018 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	19.1	327.8	328.1	2976
3020 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	15.9	327.8	327.8	3007
3020 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	15.9	327.8	327.8	2979
3022 >E	Buchanan South 345kV Voltage	SBK Edic R70	19.4	327.8	328.0	3067
3023 >E	Dunwoodie 345kV Voltage	Marcy South S.	24.9	327.8	326.0	3264
3024 >E	Roseton 345kV Voltage	SBK Princetown 345	16.0	327.8	327.5	2789
3025 >E	Buchanan South 345kV Voltage	Princeton-N.Scot 345	19.4	327.8	327.8	3012
3026 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	19.4	327.8	327.8	2984
3026 >E	Roseton 345kV Voltage	Volney-Marcy	16.0	327.8	327.4	2934
3030 >E	Sprain Brook 345kV Voltage	Marcy South S.	25.0	327.8	325.8	3266
3030 >E	Millwood 345kV Voltage	Marcy South S.	21.9	327.8	325.6	3266

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3031 >E	Buchanan South 345kV Voltage	SBK Princetown 345	19.5	327.8	327.5	2795
3032 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	39.2	218.5	224.8	2690
3032 >E	Roseton 345kV Voltage	Marcy South S.	16.7	327.8	327.0	3267
3036 >E	Buchanan South 345kV Voltage	Volney-Marcy	19.7	327.8	327.2	2943
3054 >E	Watercure 230kV Voltage	SBK Marcy R3108	21.1	207	235.5	2700
3069 >E	Niagara 230kV East Voltage	Ph2 DC 1500	35.6	218.5	229.5	3412
3069 >E	Niagara 230kV West Voltage	Ph2 DC 1500	35.6	218.5	229.5	3412
3082 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	19.9	327.8	328.1	3038
3083 >E	Buchanan North 345kV Voltage	SBK Edic R945	25.7	327.8	339.5	2021
3083 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	25.7	327.8	339.5	2021
3083 >E	Ramapo 345kV Voltage	SBK Edic R70	20.1	327.8	328.1	3131
3087 >E	Ramapo 345kV Voltage	SBK Princetown 345	20.1	327.8	327.9	2844
3088 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	20.1	327.8	327.8	3045
3088 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	20.1	327.8	327.8	3075
3097 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	20.3	327.8	340.7	3441
3098 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	19.6	327.8	328.2	3053
3099 >E	Ramapo 345kV Voltage	Volney-Marcy	20.5	327.8	327.3	3000
3100 >E	Ladentown 345kV Voltage	SBK Edic R70	19.8	327.8	328.0	3148
3104 >E	Gardenville 230kV Voltage	SBK Edic R945	19.7	207	229.6	2025
3104 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	19.7	207	229.6	2025
3105 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	19.8	327.8	327.8	3092
3105 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	19.8	327.8	327.8	3062
3106 >E	Ladentown 345kV Voltage	SBK Princetown 345	19.8	327.8	327.8	2861
3107 >E	Niagara 345kV Voltage	Pre-Fault	25.9	NA	338	3107
3117 >E	Ramapo 345kV Voltage	SBK Edic R945	22.4	327.8	343.3	2028
3117 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	22.4	327.8	343.3	2028
3118 >E	Ladentown 345kV Voltage	Volney-Marcy	20.2	327.8	327.1	3017
3119 >E	Niagara 345kV Voltage	Volney-Marcy	17.6	327.8	337.5	3018
3119 >E	Niagara 345kV Voltage	Marcy South S.	17.5	327.8	337.5	3291
3120 >E	Niagara 345kV Voltage	Ph2 DC 1500	18.5	327.8	350.8	3464
3124 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	22.8	327.8	325.7	2731
3129 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	19.5	327.8	328.2	3084
3130 >E	Somerset 345kV Voltage	Marcy South N.	29.5	327.8	344.1	3829
3132 >E	Bowline 1 345kV Voltage	SBK Edic R70	19.7	327.8	328.0	3181
3132 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	22.9	327.8	339.9	2112
3136 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	19.8	327.8	327.8	3123
3136 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	19.8	327.8	327.8	3093
3137 >E	Bowline 1 345kV Voltage	SBK Princetown 345	19.8	327.8	327.8	2889

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3137 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	19.5	327.8	328.2	3092
3140 >E	Bowline 2 345kV Voltage	SBK Edic R70	19.7	327.8	328.0	3190
3145 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	19.7	327.8	327.8	3131
3145 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	19.7	327.8	327.8	3101
3145 >E	Bowline 2 345kV Voltage	SBK Princetown 345	19.7	327.8	327.8	2897
3148 >E	Buchanan South 345kV Voltage	Marcy South S.	24.8	327.8	321.5	3299
3149 >E	Niagara 345kV Voltage	SBK Marcy R3108	21.0	327.8	351.1	2742
3150 >E	Bowline 1 345kV Voltage	Volney-Marcy	20.2	327.8	327.1	3046
3153 >E	Leeds 345kV Voltage	Marcy South N.	23.8	327.8	343.2	3848
3162 >E	Bowline 2 345kV Voltage	Volney-Marcy	20.3	327.8	326.9	3057
3173 >E	Niagara 230kV East Voltage	SBK Marcy R3108	43.5	218.5	230.6	2752
3173 >E	Niagara 230kV West Voltage	SBK Marcy R3108	43.5	218.5	230.6	2752
3175 >E	Ladentown 345kV Voltage	SBK Edic R945	23.5	327.8	343.5	2041
3175 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	23.5	327.8	343.5	2041
3180 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	24.8	327.8	337.3	3525
3191 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	27.6	327.8	339.6	2045
3191 >E	Buchanan South 345kV Voltage	SBK Edic R945	27.6	327.8	339.6	2045
3204 >E	Fraser 345kV Voltage	Marcy South N.	24.9	327.8	327.8	3889
3205 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	32.3	327.8	337.6	3550
3207 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	30.4	327.8	337.6	2049
3207 >E	Millwood 345kV Voltage	SBK Edic R945	30.4	327.8	337.6	2049
3209 >E	Bowline 1 345kV Voltage	SBK Edic R945	23.3	327.8	344.5	2049
3209 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	23.3	327.8	344.5	2049
3220 >E	Bowline 2 345kV Voltage	SBK Edic R945	23.3	327.8	344.8	2052
3220 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	23.3	327.8	344.8	2052
3227 >E	Buchanan North 345kV Voltage	Marcy South S.	29.6	327.8	317.0	3321
3231 >E	Gilboa 345kV Voltage	SBK Marcy R3108	23.4	327.8	331.3	2777
3234 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	23.6	327.8	327.8	2159
3234 >E	Leeds 345kV Voltage	SBK Edic R945	23.6	327.8	327.8	2055
3234 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	23.6	327.8	327.8	2055
3234 >E	Leeds 345kV Voltage	Ph2 DC 1500	23.6	327.8	327.8	3580
3237 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	36.8	327.8	336.1	2055
3237 >E	Sprain Brook 345kV Voltage	SBK Edic R945	36.8	327.8	336.1	2055
3243 >E	Dunwoodie 345kV Voltage	SBK Edic R945	37.3	327.8	335.9	2057
3243 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	37.3	327.8	335.9	2057
3246 >E	Millwood 345kV Voltage	Ph2 DC 1500	32.2	327.8	337.0	3593
3253 >E	Roseton 345kV Voltage	SBK Edic R945	25.3	327.8	341.0	2059
3253 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	25.3	327.8	341.0	2059
3254 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	27.4	327.8	335.6	2059
3254 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	27.4	327.8	335.6	2059

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3257 >E	Gilboa 345kV Voltage	Marcy South N.	27.0	327.8	339.6	3932
3262 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	37.7	327.8	335.7	3609
3264 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	38.0	327.8	335.6	3611
3268 >E	Ramapo 500kV Voltage	SBK Marcy R3108	76.5	500	501.8	2794
3277 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	31.5	327.8	338.2	3624
3294 >E	Rock Tavern 345kV Voltage	Marcy South S.	22.7	327.8	297.8	3340
3312 >E	Ramapo 345kV Voltage	Ph2 DC 1500	30.7	327.8	340.2	3660
3318 >E	Niagara 345kV Voltage	Ravenswood 3	24.5	327.8	329.9	3371
3329 >E	Gardenville 230kV Voltage	Ph2 DC 1500	27.8	207	227.8	3677
3351 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	39.6	327.8	335.2	2214
3352 >E	Ladentown 345kV Voltage	Ph2 DC 1500	30.7	327.8	340.6	3701
3355 >E	Niagara 345kV Voltage	SBK Princetown 345	25.5	327.8	328.4	3083
3361 >E	Roseton 345kV Voltage	Ph2 DC 1500	29.2	327.8	338.9	3710
3369 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	25.9	327.8	327.9	3321
3369 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	25.9	327.8	327.9	3319
3371 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	25.9	327.8	327.8	3356
3382 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	57.9	218.5	227.6	2229
3382 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	57.9	218.5	227.6	2229
3397 >E	Niagara 345kV Voltage	SBK Edic R70	27.1	327.8	326.8	3455
3400 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	30.6	327.8	341.4	3749
3406 >E	Coopers Corners 345kV Voltage	Marcy South S.	19.9	327.8	214.1	3371
3408 >E	Ramapo 500kV Voltage	Marcy South N.	101.9	500	503.1	4055
3411 >E	Leeds 345kV Voltage	SBK Marcy R3108	29.8	327.8	327.8	2857
3413 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	30.6	327.8	341.6	3763
3432 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	35.8	327.8	338.2	2252
3433 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	28.9	327.8	346.9	2252
3472 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	36.3	327.8	330.4	2271
3487 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	44.1	327.8	333.0	2278
3488 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	41.1	327.8	334.7	2278
3507 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	36.8	327.8	338.0	2287
3524 >E	Ramapo 345kV Voltage	Marcy South S.	34.9	327.8	306.2	3404
3524 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	52.9	327.8	332.1	2294
3525 >E	Ladentown 345kV Voltage	Marcy South S.	34.3	327.8	306.6	3404
3530 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	53.5	327.8	332.0	2297
3559 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	36.9	327.8	335.0	2311
3561 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	36.6	327.8	338.7	2312
3564 >E	Gardenville 230kV Voltage	SBK Marcy R3108	38.3	207	229.2	2924
3578 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	36.6	327.8	338.9	2320
3612 >E	Rainey 345kV Voltage	Ravenswood 3	48.4	327.8	340.5	3644
3621 >E	Watercure 230kV Voltage	Marcy South N.	54.8	207	235.8	4229

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3671 >E	Farragut 345kV Voltage	Ravenswood 3	51.1	327.8	339.7	3700
3683 >E	Bowline 1 345kV Voltage	Marcy South S.	38.0	327.8	300.2	3449
3692 >E	Bowline 2 345kV Voltage	Marcy South S.	37.8	327.8	300.1	3451
3714 >E	Pleasant Valley 345kV Voltage	Marcy South N.	52.7	327.8	339.1	4304
3761 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	45.1	207	224.4	2405
3792 >E	Rainey 345kV Voltage	Pre-Fault	72.0	NA	338	3792
3798 >E	Farragut 345kV Voltage	Pre-Fault	74.8	NA	338	3798
3848 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	53.2	327.8	328.0	3049
3973 >E	Coopers Corners 345kV Voltage	Marcy South N.	50.7	327.8	307.8	4515
3991 >E	Gardenville 230kV Voltage	Marcy South S.	53.6	207	224.3	3534
4045 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	57.2	327.8	325.6	3135
4112 >E	Gardenville 230kV Voltage	Volney-Marcy	57.5	207	223.5	3913
4142 >E	Goethals 345kV Voltage	Ravenswood 3	69.9	327.8	338.4	4137
4178 >E	Goethals 345kV Voltage	Pre-Fault	100.9	NA	338	4178
4245 >E	Niagara 345kV Voltage	Marcy South N.	61.7	327.8	348.1	4736
4370 >E	Millwood 345kV Voltage	SBK Marcy R3108	87.8	327.8	326.4	3278
4373 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	90.2	327.8	327.0	3280
4387 >E	Roseton 345kV Voltage	SBK Marcy R3108	67.9	327.8	326.7	3286
4438 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	105.2	327.8	326.1	3308
4440 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	105.9	327.8	326.1	3309
4469 >E	Niagara 230kV East Voltage	Marcy South N.	136.8	218.5	230.0	4918
4469 >E	Niagara 230kV West Voltage	Marcy South N.	136.8	218.5	230.0	4918
4484 >E	Roseton 345kV Voltage	Marcy South N.	73.1	327.8	335.9	4931
4500 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	71.1	327.8	328.2	4426
4522 >E	Rainey 345kV Voltage	SBK Edic R70	72.0	327.8	327.9	4617
4527 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	72.0	327.8	327.8	4503
4531 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	72.1	327.8	327.7	4460
4533 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	73.7	327.8	328.2	4458
4542 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	88.6	327.8	326.6	3354
4551 >E	Rainey 345kV Voltage	SBK Princetown 345	72.7	327.8	327.5	4146
4556 >E	Farragut 345kV Voltage	SBK Edic R70	74.7	327.8	327.9	4652
4560 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	74.7	327.8	327.8	4536
4563 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	74.9	327.8	327.8	4492
4569 >E	Rainey 345kV Voltage	Volney-Marcy	73.4	327.8	327.2	4325
4585 >E	Farragut 345kV Voltage	SBK Princetown 345	75.4	327.8	327.5	4176
4602 >E	Farragut 345kV Voltage	Volney-Marcy	76.2	327.8	327.2	4355
4621 >E	Millwood 345kV Voltage	Marcy South N.	101.4	327.8	334.2	5043
4672 >E	Watercure 230kV Voltage	Volney-Marcy	85.2	207	258.6	4418
4731 >E	Dunwoodie 345kV Voltage	Marcy South N.	122.1	327.8	333.1	5132

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\0A\Sum2023_CEVC_PH2_00_0A.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4741 >E	Sprain Brook 345kV Voltage	Marcy South N.	121.8	327.8	333.1	5140
4787 >E	Rainey 345kV Voltage	Marcy South S.	82.0	327.8	324.2	3757
4796 >E	Ramapo 345kV Voltage	SBK Marcy R3108	90.6	327.8	326.8	3466
4826 >E	Farragut 345kV Voltage	Marcy South S.	85.1	327.8	324.2	3768
4988 >E	Ladentown 345kV Voltage	SBK Marcy R3108	93.7	327.8	326.8	3550
4998 >E	Buchanan South 345kV Voltage	Marcy South N.	109.2	327.8	333.5	5349
5023 >E	Buchanan North 345kV Voltage	Marcy South N.	119.6	327.8	330.7	5370
5049 >E	Rock Tavern 345kV Voltage	Marcy South N.	90.3	327.8	323.4	5391
5105 >E	Gardenville 230kV Voltage	Pre-Fault	151.8	NA	217	5105
5149 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	94.1	327.8	326.7	3621
5171 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	99.5	327.8	328.2	5082
5201 >E	Goethals 345kV Voltage	SBK Edic R70	100.7	327.8	327.9	5319
5208 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	100.9	327.8	327.8	5180
5212 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	101.0	327.8	327.8	5128
5240 >E	Goethals 345kV Voltage	SBK Princetown 345	101.9	327.8	327.5	4758
5265 >E	Goethals 345kV Voltage	Volney-Marcy	102.9	327.8	327.2	4952
5437 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	103.1	327.8	326.7	3747
5568 >E	Goethals 345kV Voltage	Marcy South S.	115.0	327.8	324.2	3975
5700 >E	Gardenville 230kV Voltage	Marcy South N.	126.2	207	232.2	5921
5706 >E	Rainey 345kV Voltage	SBK Edic R945	116.2	327.8	340.8	2616
5707 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	116.2	327.8	340.8	2617
5715 >E	Rainey 345kV Voltage	Ph2 DC 1500	116.4	327.8	340.7	6112
5730 >E	Gardenville 230kV Voltage	Ravenswood 3	118.6	207	212.9	5614
5748 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	120.1	327.8	340.5	2626
5748 >E	Farragut 345kV Voltage	SBK Edic R945	120.1	327.8	340.5	2626
5755 >E	Farragut 345kV Voltage	Ph2 DC 1500	120.3	327.8	340.5	6153
5848 >E	Ramapo 345kV Voltage	Marcy South N.	129.8	327.8	328.9	6041
6100 >E	Ladentown 345kV Voltage	Marcy South N.	134.6	327.8	330.8	6246
6234 >E	Gardenville 230kV Voltage	SBK Princetown 345	137.9	207	209.6	5642
6551 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	149.2	207	207.5	6442
6558 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	149.5	207	207.4	6440
6590 >E	Watercure 230kV Voltage	Marcy South S.	157.7	207	283.1	4261
6600 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	151.0	207	207.2	6562
6717 >E	Bowline 1 345kV Voltage	Marcy South N.	149.2	327.8	330.8	6749
6743 >E	Goethals 345kV Voltage	Ph2 DC 1500	160.3	327.8	340.7	7160
6756 >E	Bowline 2 345kV Voltage	Marcy South N.	148.3	327.8	330.9	6780
6818 >E	Goethals 345kV Voltage	SBK Edic R945	163.2	327.8	340.5	2869
6821 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	163.3	327.8	340.4	2870
7046 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	166.0	327.8	334.9	3934

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7090 >E	Northport 138kV Voltage	Pre-Fault	507.4	NA	135	7090
7107 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	171.7	327.8	334.7	3963
7157 >E	Gardenville 230kV Voltage	SBK Edic R70	172.7	207	203.5	7340
8044 >E	Northport 138kV Voltage	Ravenswood 3	436.2	131.1	133.1	7766
8632 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	233.1	327.8	334.8	4673
8981 >E	Northport 138kV Voltage	N.Scot-Leeds 345	500.6	131.1	131.3	8811
9056 >E	Northport 138kV Voltage	SBK Edic R70	506.6	131.1	131.1	9303
9064 >E	Northport 138kV Voltage	Princetown-N.Scot 345	507.0	131.1	131.1	9009
9069 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	507.4	131.1	131.1	8910
9118 >E	Northport 138kV Voltage	SBK Princetown 345	510.8	131.1	131.0	8206
9187 >E	Northport 138kV Voltage	Volney-Marcy	516.3	131.1	130.9	8487
9591 >E	Northport 138kV Voltage	Marcy South S.	549.3	131.1	130.1	5099
11533 >E	Rainey 345kV Voltage	SBK Marcy R3108	333.6	327.8	325.2	6427
11653 >E	Farragut 345kV Voltage	SBK Marcy R3108	344.9	327.8	325.3	6480
12827 >E	Rainey 345kV Voltage	Marcy South N.	382.0	327.8	335.6	11721
12973 >E	Farragut 345kV Voltage	Marcy South N.	395.3	327.8	335.5	11841
13964 >E	Northport 138kV Voltage	Ph2 DC 1500	891.9	131.1	137.9	14528
15025 >E	Goethals 345kV Voltage	SBK Marcy R3108	480.3	327.8	325.0	7962
15463 >E	Northport 138kV Voltage	SBK Edic R945	1008.9	131.1	137.1	4834
15516 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1013.0	131.1	137.0	4846
16662 >E	Goethals 345kV Voltage	Marcy South N.	543.6	327.8	335.6	14843
20698 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1418.8	131.1	134.3	10290
40705 >E	Northport 138kV Voltage	SBK Marcy R3108	2988.0	131.1	129.5	19250
50529 >E	Northport 138kV Voltage	Marcy South N.	3783.9	131.1	134.5	42408
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

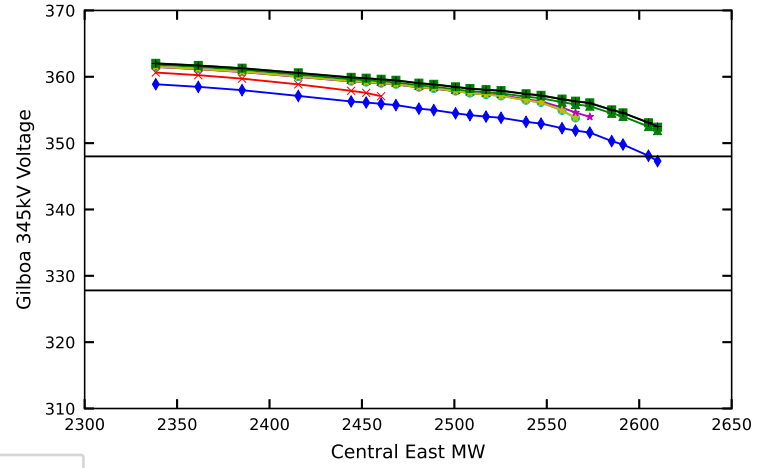
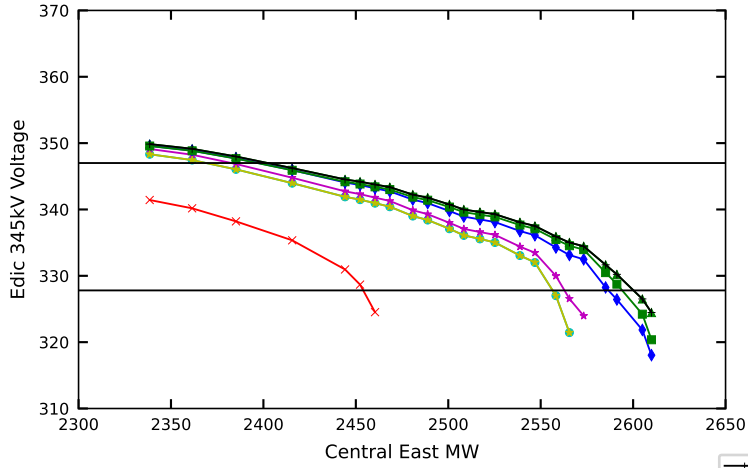
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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 0A

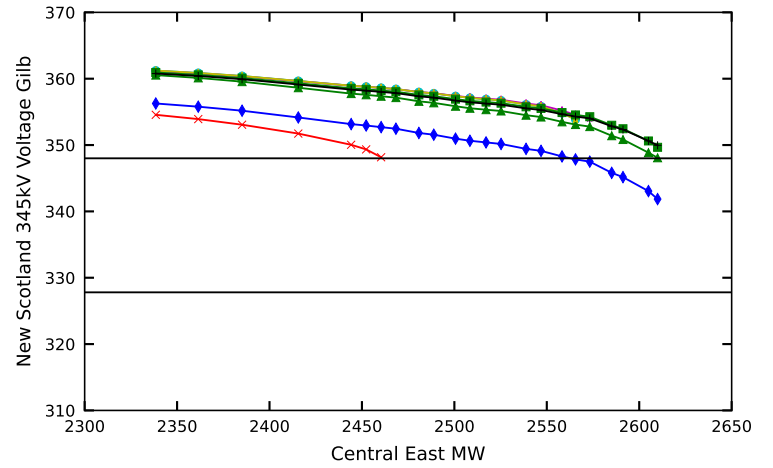
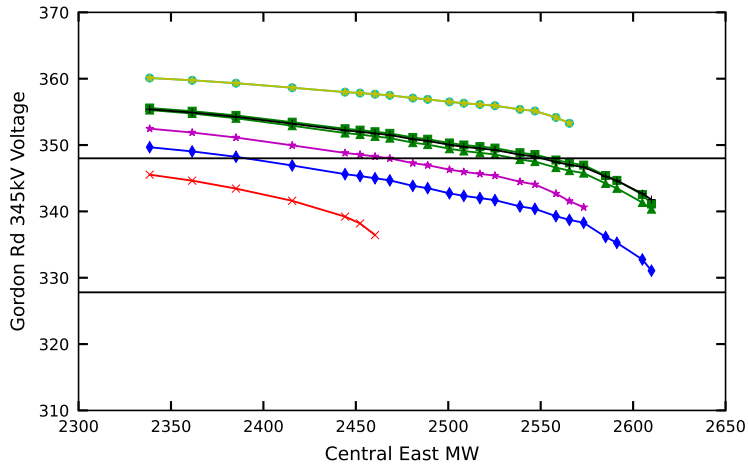
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

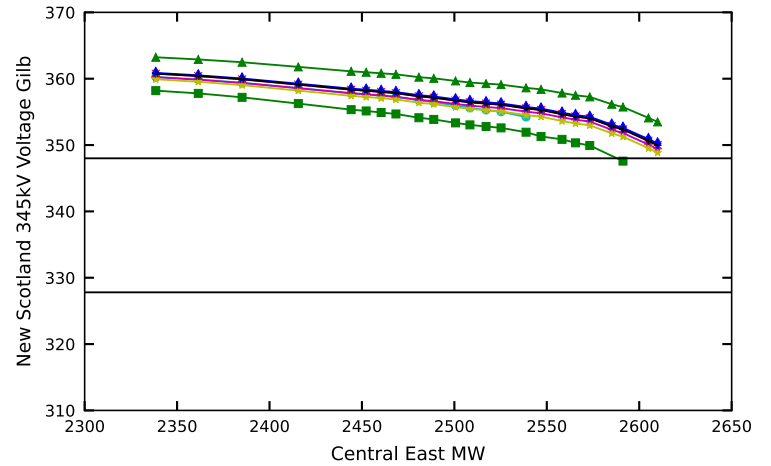
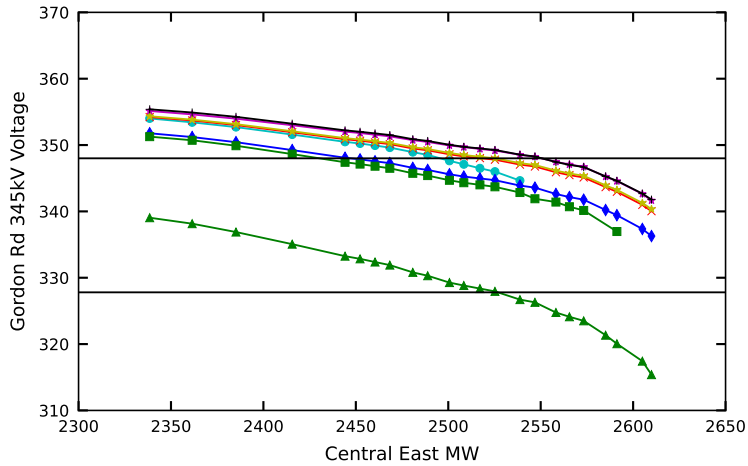
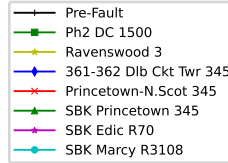
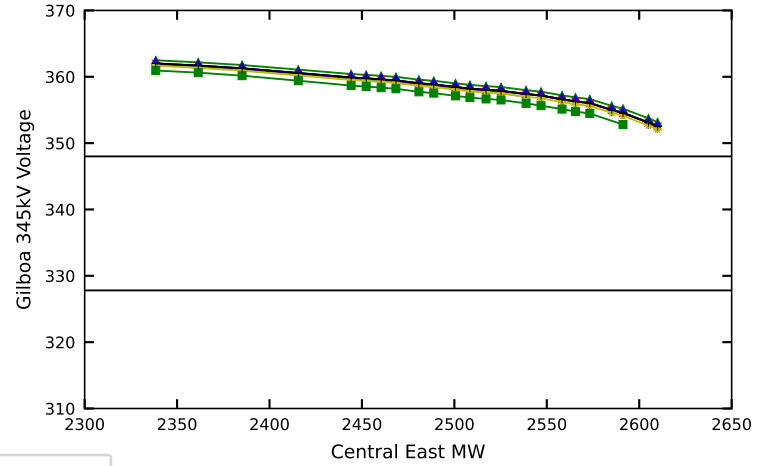
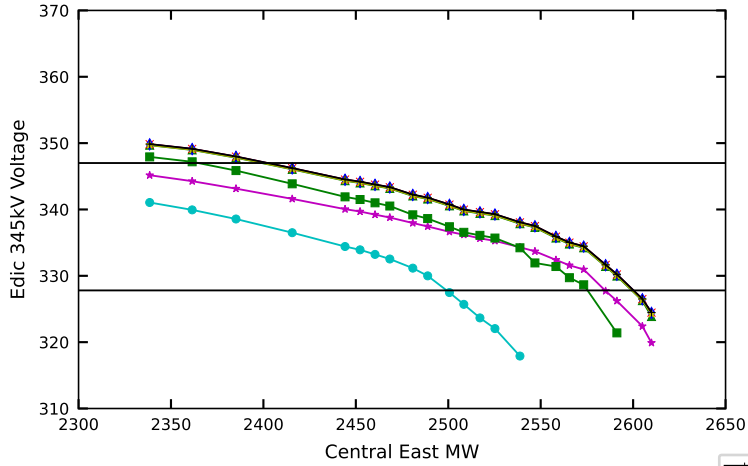
1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP Figure 1



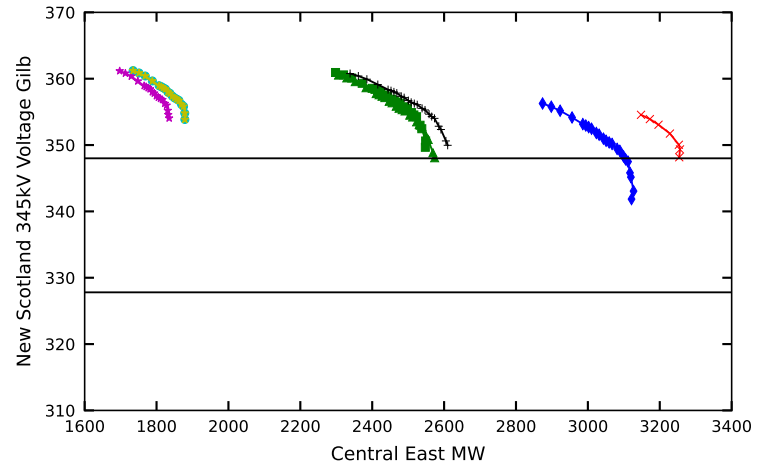
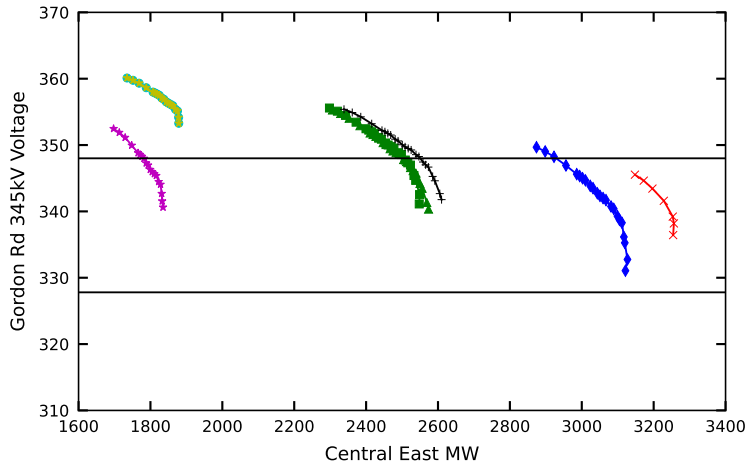
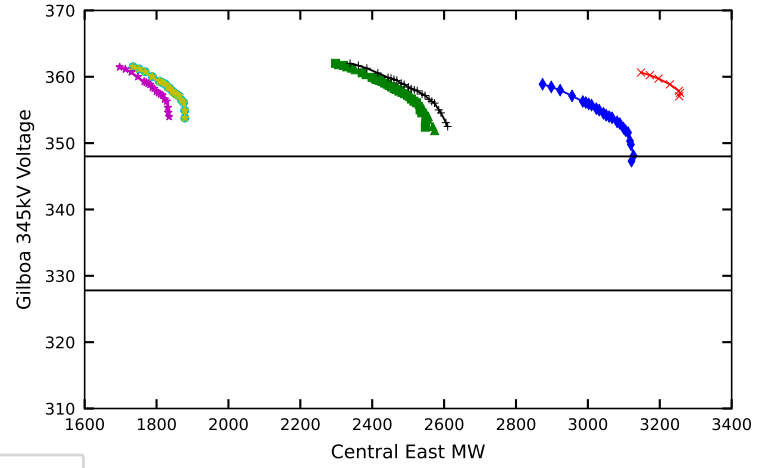
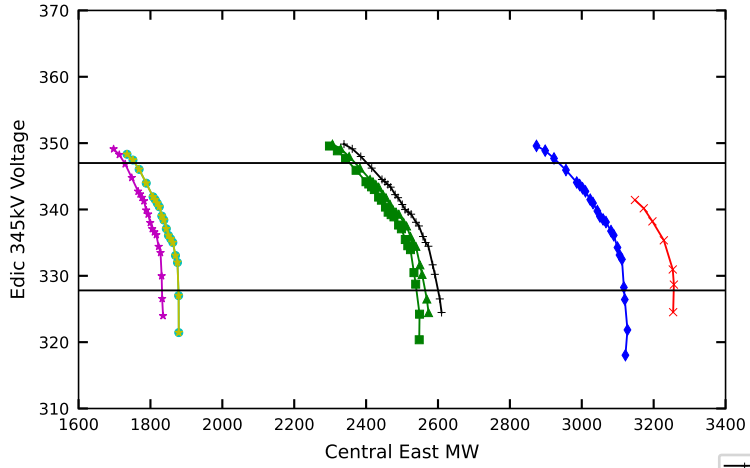
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP Figure 2

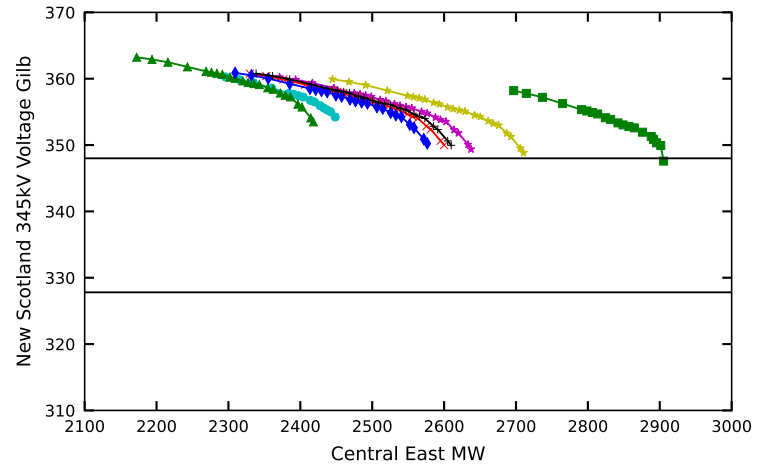
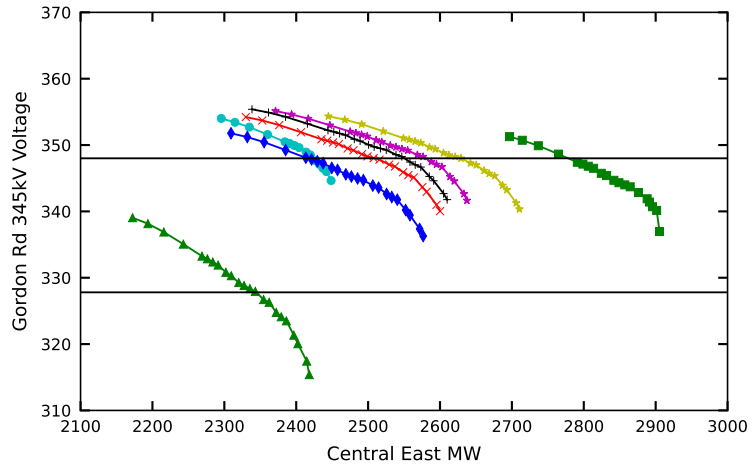
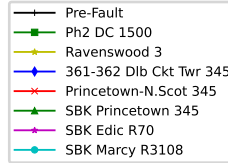
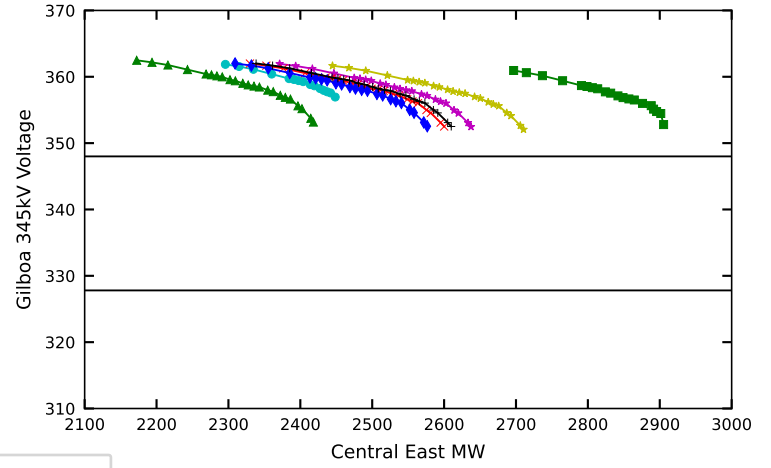
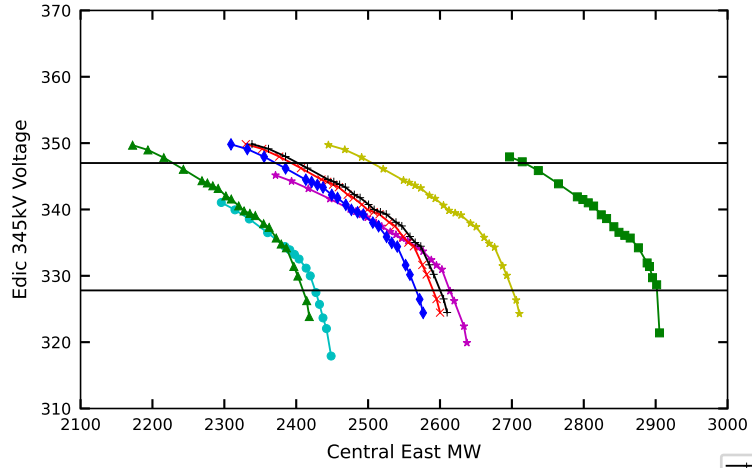


1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP Figure 1



- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\0ED_CAP\Sum2023_CEVC_Ph2_00_0ED_CAP.xlsx

1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2338	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2361	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2385	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2415	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2444	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2452	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2460	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2468	t8	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2480	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2488	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2500	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2508	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2517	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2525	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2538	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2546	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	6															
2558	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	7															
2565	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	8															
2573	t1	0	1	0	0	2	0	1	0	2	0	0	0	0	0	0
	9															
2585	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	1
	0															
2591	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	1															
2604	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	2															
2609	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	3															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\0ED_CAP\Sum2023_CEVC_Ph2_00_0ED_CAP.xlsx

1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Interface: Central East

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	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princeton 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princeton-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2

Voltage Contingency Analysis Procedure (VCAP)

03-15-2023 10:20

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\0ED_CAP\Sum2023_CEVC_PH2_00_0ED_CAP.xlsx

1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Interface: Central East

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2248 <E	Dunwoodie 345kV Voltage	Pre-Fault	130.4	NA	348	2248
2262 <E	Sprain Brook 345kV Voltage	Pre-Fault	130.6	NA	348	2262
2329	limit with 5% margin	Marcy South N.	NA	NA	NA	3093
2390	Marcy 345kV Voltage	Pre-Fault	17.3	NA	348	2390
2402	Edic 345kV Voltage	Pre-Fault	17.4	NA	347	2402
2411	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2326
2414	Pannell Road 345kV Voltage	Pre-Fault	31.9	NA	346	2414
2418	Station 80 345kV Voltage	Pre-Fault	21.0	NA	346	2418
2418	Clay 345kV Voltage	Pre-Fault	18.3	NA	345	2418
2437	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1784
2437	limit with 5% margin	SBK Edic R945	NA	NA	NA	1784
2444	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1743
2450	Clay 345kV Voltage	Marcy South N.	3.4	327.8	343.4	3255
2455 >E	Edic 345kV Voltage	Marcy South N.	3.6	327.8	344.1	3257
2457 >E	Marcy 345kV Voltage	Marcy South N.	3.6	327.8	344.3	3258
2461	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2760
2474	limit with 5% margin	Marcy South S.	NA	NA	NA	2970
2474	limit with 5% margin	Volney-Marcy	NA	NA	NA	2421
2479	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2445
2479	limit with 5% margin	SBK Edic R70	NA	NA	NA	2505
2479	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2297
2479	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2470
2479	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2447
2479	limit with 5% margin	Ravenswood 3	NA	NA	NA	2574
2491 >E	Pannell Road 345kV Voltage	Marcy South N.	5.9	327.8	343.7	3271
2499	Edic 345kV Voltage	SBK Marcy R3108	4.7	327.8	340.9	2426
2502	Clay 345kV Voltage	SBK Marcy R3108	3.8	327.8	340.3	2428
2515 >E	Station 80 345kV Voltage	Marcy South N.	7.3	327.8	343.8	3280
2526	Gordon Rd 345kV Voltage	SBK Princetown 345	10.9	327.8	349.2	2344
2534 >E	Gordon Rd 345kV Voltage	Marcy South N.	7.9	327.8	349.9	3287
2546 >E	Oakdale 345kV Voltage	Marcy South N.	5.9	320	348.9	3292
2547 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	5.2	327.8	340.9	2452
2550	Gordon Rd 345kV Voltage	Pre-Fault	13.7	NA	348	2550
2556	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.3	327.8	336.2	1877
2556	Edic 345kV Voltage	SBK Edic R945	2.3	327.8	336.2	1877
2556	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.2	327.8	336.4	1877
2556	Clay 345kV Voltage	SBK Edic R945	2.2	327.8	336.4	1877
2556	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.3	327.8	336.4	1878
2556	Marcy 345kV Voltage	SBK Edic R945	2.3	327.8	336.4	1878
2562	Clay 345kV Voltage	Marcy-N.Scot99 345	1.9	327.8	335.7	1832

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2562	Edic 345kV Voltage	Marcy-N.Scot99 345	2.1	327.8	335.3	1832
2564	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.1	327.8	335.4	1832
2570 >E	Station 80 345kV Voltage	SBK Marcy R3108	6.7	327.8	341.4	2463
2571 >E	Pannell Road 345kV Voltage	SBK Edic R945	2.0	327.8	338.6	1879
2571 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	2.0	327.8	338.6	1879
2575	Edic 345kV Voltage	Ph2 DC 1500	2.5	327.8	334.0	2901
2576	Marcy 345kV Voltage	Ph2 DC 1500	2.5	327.8	333.9	2902
2576	Clay 345kV Voltage	Ph2 DC 1500	2.3	327.8	333.8	2902
2578	Millwood 345kV Voltage	Pre-Fault	36.2	NA	348	2578
2578 >E	Station 80 345kV Voltage	SBK Edic R945	2.3	327.8	339.0	1879
2578 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	2.3	327.8	339.0	1879
2580	Clay 345kV Voltage	Volney-Marcy	2.8	327.8	333.0	2529
2584	Edic 345kV Voltage	SBK Edic R70	3.7	327.8	331.7	2613
2586	Edic 345kV Voltage	Marcy South S.	3.3	327.8	331.3	3117
2587 >E	Oakdale 345kV Voltage	SBK Edic R945	1.7	320	341.3	1879
2587 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	1.7	320	341.3	1879
2587	Clay 345kV Voltage	Marcy South S.	3.1	327.8	331.4	3118
2588	Marcy 345kV Voltage	Marcy South S.	3.3	327.8	331.1	3118
2589	Clay 345kV Voltage	SBK Edic R70	3.8	327.8	331.0	2618
2594	Edic 345kV Voltage	Volney-Marcy	3.0	327.8	329.5	2540
2596	Marcy 345kV Voltage	Volney-Marcy	3.1	327.8	329.0	2542
2598	Clay 345kV Voltage	SBK Princetown 345	3.7	327.8	328.5	2409
2599	Edic 345kV Voltage	SBK Princetown 345	3.7	327.8	328.1	2409
2599	Edic 345kV Voltage	Ravenswood 3	3.7	327.8	328.0	2700
2599	Clay 345kV Voltage	Ravenswood 3	3.7	327.8	328.3	2701
2600	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	327.8	327.9	2566
2600	Edic 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	2590
2600	Edic 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	327.8	2564
2601	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	327.8	327.9	2567
2601	Marcy 345kV Voltage	SBK Princetown 345	3.7	327.8	327.8	2411
2601	Marcy 345kV Voltage	Ravenswood 3	3.7	327.8	327.8	2702
2601	Marcy 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	2591
2601	Marcy 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	327.8	2565
2601	Marcy 345kV Voltage	SBK Edic R70	3.7	327.8	327.8	2629
2601	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	327.8	327.8	2567
2601	Clay 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	327.9	2565
2601	Clay 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	2591
2604 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	339.5	1844

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2606 >E	Fraser 345kV Voltage	SBK Edic R945	2.4	327.8	347.3	1880
2606 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.4	327.8	347.3	1880
2606 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	4.2	327.8	335.0	2908
2607	Oakdale 345kV Voltage	Pre-Fault	3.1	NA	335	2607
2616 >E	St.Lawrence 230kV Voltage	SBK Edic R945	5.8	218.5	228.0	1881
2616 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	5.8	218.5	228.0	1881
2618 >E	Coopers Corners 345kV Voltage	SBK Edic R945	3.7	327.8	346.4	1881
2618 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	3.7	327.8	346.4	1881
2624 >E	Pannell Road 345kV Voltage	SBK Edic R70	2.6	327.8	330.5	2649
2624 >E	New Scotland 345kV Voltage Alps	Pre-Fault	7.5	NA	348	2624
2624 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	7.5	NA	348	2624
2624 >E	Buchanan North 345kV Voltage	Pre-Fault	30.9	NA	346	2624
2626 >E	Station 80 345kV Voltage	Ph2 DC 1500	5.6	327.8	336.1	2913
2627 >E	Pannell Road 345kV Voltage	SBK Princetown 345	2.6	327.8	329.2	2431
2628 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.9	320	339.9	1851
2629 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.3	320	342.1	2492
2630 >E	Fraser 345kV Voltage	Pre-Fault	4.0	NA	338	2630
2630 >E	Pannell Road 345kV Voltage	Ravenswood 3	2.9	327.8	328.3	2728
2631 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	327.8	327.9	2597
2631 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	2.9	327.8	327.9	2594
2631 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	2.9	327.8	327.8	2621
2632 >E	Gordon Rd 345kV Voltage	Marcy South S.	5.5	327.8	338.8	3141
2635 >E	Station 80 345kV Voltage	SBK Edic R70	2.9	327.8	330.5	2659
2636 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.2	320	329.5	2915
2636 >E	St.Lawrence 230kV Voltage	Pre-Fault	12.9	NA	225	2636
2639 >E	Station 80 345kV Voltage	SBK Princetown 345	3.0	327.8	329.4	2439
2639 >E	Somerset 345kV Voltage	SBK Edic R945	4.0	327.8	345.0	1882
2639 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	4.0	327.8	345.0	1882
2642 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	9.4	327.8	342.2	1855
2642 >E	Oakdale 345kV Voltage	Volney-Marcy	3.2	320	325.9	2577
2642 >E	Station 80 345kV Voltage	Ravenswood 3	3.3	327.8	328.4	2740
2642 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.6	327.8	338.7	2916
2644 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	3.3	327.8	327.9	2610
2644 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	327.9	2607
2644 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	3.3	327.8	327.8	2634
2647 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.8	320	322.5	2445
2647 >E	Oakdale 345kV Voltage	SBK Edic R70	2.9	320	322.2	2669
2648 >E	Gilboa 345kV Voltage	Pre-Fault	8.5	NA	348	2648
2649 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr	4.6	327.8	334.6	2615

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2651 >E	Oakdale 345kV Voltage	Ravenswood 3	3.1	320	321.0	2748
2651 >E	Coopers Corners 345kV Voltage	Pre-Fault	6.4	NA	338	2651
2654 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr	3.1	320	320.3	2620
		345				
2654 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.1	320	320.2	2616
2654 >E	Oakdale 345kV Voltage	Marcy South S.	3.5	320	322.7	3153
2654 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.1	320	320.1	2644
2655 >E	Marcy 345kV Voltage	SBK Marcy R3108	11.0	327.8	327.8	2504
2656 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	8.7	218.5	223.6	2919
2658 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.7	327.8	344.4	1860
2661 >E	St.Lawrence 230kV Voltage	Marcy South N.	18.1	218.5	230.7	3336
2661 >E	Rock Tavern 345kV Voltage	Pre-Fault	17.9	NA	348	2661
2669 >E	Pleasant Valley 345kV Voltage	Pre-Fault	24.7	NA	348	2669
2671 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	327.8	2633
2671 >E	Fraser 345kV Voltage	SBK Edic R70	4.0	327.8	327.8	2688
2671 >E	Fraser 345kV Voltage	SBK Princetown 345	4.0	327.8	327.8	2462
2671 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	4.0	327.8	327.8	2661
2671 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr	4.0	327.8	327.8	2636
		345				
2671 >E	Fraser 345kV Voltage	Ravenswood 3	4.0	327.8	327.8	2765
2672 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.7	327.8	343.7	1864
2672 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	330.4	2634
2673 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	5.2	327.8	330.2	2663
2674 >E	Watercure 230kV Voltage	SBK Edic R945	5.2	207	230.5	1883
2674 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	5.2	207	230.5	1883
2677 >E	Gordon Rd 345kV Voltage	Ravenswood 3	5.4	327.8	329.5	2771
2678 >E	Gordon Rd 345kV Voltage	SBK Edic R70	5.0	327.8	329.1	2695
2679 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	8.3	327.8	342.0	1867
2683 >E	Fraser 345kV Voltage	Marcy South S.	4.7	327.8	327.8	3168
2683 >E	Fraser 345kV Voltage	Volney-Marcy	4.7	327.8	327.8	2609
2687 >E	Somerset 345kV Voltage	Pre-Fault	6.1	NA	338	2687
2695 >E	Buchanan South 345kV Voltage	Pre-Fault	31.2	NA	346	2695
2696 >E	St.Lawrence 230kV Voltage	Ravenswood 3	10.7	218.5	220.3	2788
2697 >E	Coopers Corners 345kV Voltage	Ravenswood 3	6.1	327.8	330.9	2789
2699 >E	Gordon Rd 345kV Voltage	Volney-Marcy	6.4	327.8	329.4	2622
2702 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	5.9	327.8	330.1	2485
2703 >E	New Scotland 345kV Voltage Alps	Marcy South N.	11.6	327.8	353.4	3352
2703 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	11.6	327.8	353.4	3352
2704 >E	Ramapo 500kV Voltage	SBK Edic R945	18.4	500	505.9	1885
2704 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	18.4	500	505.9	1885

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2704 >E	New Scotland 345kV Voltage Alps	Marcy South S.	6.5	327.8	338.2	3180
2704 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	6.5	327.8	338.2	3180
2704 >E	Ramapo 500kV Voltage	Ravenswood 3	25.3	500	505.2	2796
2704 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	11.1	218.5	219.6	2487
2706 >E	Coopers Corners 345kV Voltage	SBK Edic R70	6.2	327.8	329.4	2718
2706 >E	Niagara 230kV East Voltage	SBK Edic R945	11.3	218.5	227.3	1885
2706 >E	Niagara 230kV West Voltage	SBK Edic R945	11.3	218.5	227.3	1885
2706 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	11.3	218.5	227.3	1885
2706 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	11.3	218.5	227.3	1885
2706 >E	Fraser 345kV Voltage	Ph2 DC 1500	5.9	327.8	327.8	2930
2706 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	10.0	327.8	339.7	2529
2712 >E	Pannell Road 345kV Voltage	Volney-Marcy	21.6	327.8	338.2	2632
2713 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	6.3	327.8	328.3	2674
2714 >E	St.Lawrence 230kV Voltage	Volney-Marcy	13.2	218.5	220.9	2633
2714 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	14.8	218.5	227.8	1877
2715 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	6.3	327.8	328.1	2680
2716 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	6.3	327.8	327.9	2706
2716 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	7.0	327.8	332.8	2932
2719 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	12.9	218.5	218.5	2709
2720 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	12.9	218.5	218.5	2685
2720 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	12.9	218.5	218.5	2681
2721 >E	St.Lawrence 230kV Voltage	SBK Edic R70	13.1	218.5	218.4	2731
2721 >E	Coopers Corners 345kV Voltage	Volney-Marcy	6.5	327.8	328.2	2639
2724 >E	St.Lawrence 230kV Voltage	Marcy South S.	14.0	218.5	220.3	3191
2725 >E	Somerset 345kV Voltage	Marcy South N.	14.1	327.8	350.5	3361
2726 >E	Ramapo 500kV Voltage	Ph2 DC 1500	32.2	500	506.1	2935
2726 >E	Niagara 230kV East Voltage	Ph2 DC 1500	11.9	218.5	222.7	2935
2726 >E	Niagara 230kV West Voltage	Ph2 DC 1500	11.9	218.5	222.7	2935
2729 >E	Somerset 345kV Voltage	SBK Edic R70	5.5	327.8	331.1	2738
2732 >E	Niagara 230kV East Voltage	Pre-Fault	21.4	NA	225	2732
2732 >E	Niagara 230kV West Voltage	Pre-Fault	21.4	NA	225	2732
2732 >E	Gilboa 345kV Voltage	SBK Edic R945	6.4	327.8	349.0	1886
2732 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	6.4	327.8	349.0	1886
2734 >E	Somerset 345kV Voltage	SBK Princetown 345	5.5	327.8	330.4	2508
2739 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	6.4	327.8	332.6	2700
2739 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	6.4	327.8	332.6	2700
2740 >E	Niagara 230kV East Voltage	SBK Marcy R3108	15.8	218.5	223.9	2545
2740 >E	Niagara 230kV West Voltage	SBK Marcy R3108	15.8	218.5	223.9	2545
2742 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	7.7	327.8	338.2	2938

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2742 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	7.7	327.8	338.2	2938
2745 >E	Somerset 345kV Voltage	Ravenswood 3	6.1	327.8	328.5	2833
2748 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	327.9	2713
2749 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	327.9	2709
2749 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	327.8	2739
2751 >E	Ramapo 345kV Voltage	Pre-Fault	28.7	NA	346	2751
2752 >E	Watercure 230kV Voltage	Pre-Fault	8.0	NA	215	2752
2761 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	7.0	327.8	329.7	2764
2761 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	7.0	327.8	329.7	2764
2761 >E	Niagara 345kV Voltage	SBK Edic R945	7.2	327.8	349.4	1887
2761 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	7.2	327.8	349.4	1887
2764 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	7.3	327.8	329.3	2849
2764 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	7.3	327.8	329.3	2849
2764 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	7.6	327.8	344.5	1887
2764 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	7.6	327.8	344.5	1887
2764 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	7.6	327.8	344.5	1887
2764 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	7.6	327.8	344.5	1887
2769 >E	Leeds 345kV Voltage	Pre-Fault	15.5	NA	345	2769
2770 >E	Gilboa 345kV Voltage	Marcy South S.	8.1	327.8	335.5	3215
2775 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	7.5	327.8	329.3	2681
2775 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	7.5	327.8	329.3	2681
2775 >E	Gordon Rd 345kV Voltage	SBK Edic R945	8.3	327.8	334.9	1888
2775 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	8.3	327.8	334.9	1888
2776 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	7.5	327.8	327.6	2766
2776 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	7.5	327.8	327.6	2766
2781 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	7.7	327.8	327.0	2746
2781 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	7.7	327.8	327.0	2746
2791 >E	Ladentown 345kV Voltage	Pre-Fault	29.1	NA	346	2791
2793 >E	Watercure 230kV Voltage	SBK Princetown 345	7.2	207	210.0	2550
2793 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	29.8	500	505.4	1901
2795 >E	Watercure 230kV Voltage	SBK Edic R70	7.3	207	209.7	2793
2804 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	8.1	327.8	329.6	2763
2808 >E	Rock Tavern 345kV Voltage	SBK Edic R945	10.6	327.8	342.6	1889
2808 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	10.6	327.8	342.6	1890
2809 >E	Watercure 230kV Voltage	Ravenswood 3	7.9	207	207.9	2890
2813 >E	Gilboa 345kV Voltage	Ravenswood 3	8.4	327.8	328.4	2894
2815 >E	Gilboa 345kV Voltage	SBK Edic R70	8.3	327.8	328.3	2810
2815 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr	8.0	207	207.2	2779

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2815 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	8.0	207	207.2	2774
2816 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	8.0	207	207.1	2805
2819 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	8.5	327.8	327.8	2808
2819 >E	Fraser 345kV Voltage	SBK Marcy R3108	11.3	327.8	334.3	2583
2820 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	8.5	327.8	327.6	2784
2821 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	8.3	327.8	321.6	2571
2821 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	8.3	327.8	321.6	2571
2827 >E	Roseton 345kV Voltage	Pre-Fault	26.7	NA	345	2827
2829 >E	Gilboa 345kV Voltage	SBK Princetown 345	8.6	327.8	326.6	2577
2833 >E	Watercure 230kV Voltage	SBK Marcy R3108	13.6	207	226.6	2590
2837 >E	Gilboa 345kV Voltage	Volney-Marcy	9.2	327.8	328.4	2730
2837 >E	Niagara 230kV East Voltage	SBK Edic R70	19.2	218.5	220.1	2829
2837 >E	Niagara 230kV West Voltage	SBK Edic R70	19.2	218.5	220.1	2829
2839 >E	Ramapo 500kV Voltage	SBK Princetown 345	28.5	500	500.8	2584
2843 >E	Niagara 230kV East Voltage	SBK Princetown 345	19.3	218.5	219.8	2587
2843 >E	Niagara 230kV West Voltage	SBK Princetown 345	19.3	218.5	219.8	2587
2843 >E	Pannell Road 345kV Voltage	Marcy South S.	37.2	327.8	339.4	3254
2845 >E	Niagara 345kV Voltage	Pre-Fault	11.3	NA	338	2845
2849 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	28.7	218.5	223.2	2598
2851 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	29.8	500	500.4	2809
2851 >E	Ramapo 500kV Voltage	SBK Edic R70	29.7	500	500.4	2841
2856 >E	Dunwoodie 345kV Voltage	SBK Edic R945	16.3	327.8	331.5	1892
2856 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	16.3	327.8	331.5	1892
2860 >E	Gilboa 345kV Voltage	Ph2 DC 1500	10.8	327.8	332.5	2964
2860 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	30.5	500	500.1	2824
2862 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	30.6	500	500.0	2851
2863 >E	Ramapo 500kV Voltage	Pre-Fault	30.7	NA	500	2863
2864 >E	Niagara 230kV East Voltage	Ravenswood 3	21.4	218.5	218.8	2940
2864 >E	Niagara 230kV West Voltage	Ravenswood 3	21.4	218.5	218.8	2940
2866 >E	Bowline 1 345kV Voltage	Pre-Fault	29.0	NA	345	2866
2867 >E	Sprain Brook 345kV Voltage	SBK Edic R945	16.8	327.8	331.8	1892
2867 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	16.9	327.8	331.8	1892
2870 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	21.3	218.5	218.6	2833
2870 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	21.3	218.5	218.6	2833
2870 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	21.4	218.5	218.6	2828
2870 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	21.4	218.5	218.6	2828

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2871 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	21.4	218.5	218.5	2860
2871 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	21.4	218.5	218.5	2860
2879 >E	Bowline 2 345kV Voltage	Pre-Fault	29.0	NA	345	2879
2885 >E	Buchanan North 345kV Voltage	SBK Edic R945	16.6	327.8	335.9	1893
2885 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	16.6	327.8	335.9	1893
2896 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	12.3	327.8	345.3	1932
2897 >E	Ramapo 500kV Voltage	Volney-Marcy	35.3	500	500.4	2776
2917 >E	Niagara 345kV Voltage	SBK Edic R70	10.1	327.8	331.6	2896
2918 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	15.6	327.8	329.0	2631
2922 >E	Niagara 345kV Voltage	SBK Princetown 345	10.1	327.8	331.1	2645
2923 >E	Somerset 345kV Voltage	SBK Marcy R3108	20.8	327.8	359.6	2633
2923 >E	Millwood 345kV Voltage	SBK Edic R945	17.4	327.8	333.9	1895
2923 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	17.4	327.8	333.9	1895
2925 >E	Gardenville 230kV Voltage	Pre-Fault	19.2	NA	217	2925
2929 >E	Rock Tavern 345kV Voltage	Ravenswood 3	16.0	327.8	333.1	2998
2944 >E	Leeds 345kV Voltage	Marcy South S.	13.6	327.8	334.1	3309
2944 >E	Buchanan South 345kV Voltage	SBK Edic R945	17.3	327.8	336.0	1896
2945 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	17.3	327.8	336.0	1896
2951 >E	Gardenville 230kV Voltage	SBK Edic R945	15.5	207	232.5	1896
2952 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	15.5	207	232.5	1896
2953 >E	Dunwoodie 345kV Voltage	Ravenswood 3	33.1	327.8	335.6	3020
2953 >E	Sprain Brook 345kV Voltage	Ravenswood 3	32.7	327.8	335.6	3020
2954 >E	Niagara 345kV Voltage	Ravenswood 3	11.3	327.8	328.3	3021
2958 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	11.2	327.8	327.9	2920
2958 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	11.2	327.8	327.9	2914
2959 >E	Buchanan North 345kV Voltage	Ravenswood 3	25.9	327.8	335.2	3026
2959 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	11.3	327.8	327.8	2948
2960 >E	Ramapo 345kV Voltage	SBK Edic R945	16.9	327.8	339.9	1896
2960 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	16.9	327.8	339.9	1897
2967 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	17.1	327.8	339.9	1954
2968 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	15.0	327.8	340.1	1954
2968 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	15.0	327.8	340.1	1954
2976 >E	Rock Tavern 345kV Voltage	Volney-Marcy	15.7	327.8	327.9	2837
2987 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	17.0	327.8	337.1	2664
2987 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	17.0	327.8	337.1	2664
2991 >E	Millwood 345kV Voltage	Ravenswood 3	28.0	327.8	335.3	3054
2994 >E	Ladentown 345kV Voltage	SBK Edic R945	17.3	327.8	340.7	1898
2994 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	17.3	327.8	340.7	1898
2997 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	16.9	327.8	329.3	2699
3002 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	24.0	327.8	330.7	1964

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3008 >E	Rock Tavern 345kV Voltage	SBK Edic R70	17.6	327.8	328.6	2972
3011 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	17.5	327.8	328.5	2966
3012 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	17.7	327.8	332.4	2998
3014 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	24.8	327.8	330.6	1968
3021 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	17.9	327.8	327.9	2983
3022 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	17.9	327.8	327.8	3011
3024 >E	Buchanan South 345kV Voltage	Ravenswood 3	26.5	327.8	335.4	3084
3025 >E	Bowline 1 345kV Voltage	SBK Edic R945	17.4	327.8	342.7	1899
3025 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	17.4	327.8	342.7	1900
3036 >E	Leeds 345kV Voltage	SBK Edic R70	15.5	327.8	327.8	2996
3036 >E	Leeds 345kV Voltage	SBK Princetown 345	15.5	327.8	327.8	2727
3036 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	15.5	327.8	327.8	3025
3036 >E	Leeds 345kV Voltage	Ravenswood 3	15.5	327.8	327.8	3095
3036 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	15.5	327.8	327.8	2997
3036 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	15.5	327.8	327.8	2990
3041 >E	Bowline 2 345kV Voltage	SBK Edic R945	17.7	327.8	342.7	1900
3041 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	17.7	327.8	342.7	1900
3043 >E	Pleasant Valley 345kV Voltage	Marcy South S.	21.6	327.8	329.6	3362
3044 >E	Leeds 345kV Voltage	Volney-Marcy	15.8	327.8	327.8	2891
3058 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	25.3	327.8	334.7	1981
3060 >E	Gardenville 230kV Voltage	SBK Edic R70	17.2	207	209.9	3016
3060 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	22.3	207	245.9	1982
3060 >E	Gardenville 230kV Voltage	SBK Princetown 345	17.2	207	209.9	2744
3066 >E	Ramapo 345kV Voltage	Ravenswood 3	24.0	327.8	335.0	3122
3070 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	23.4	327.8	331.8	3126
3083 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	20.8	327.8	327.7	2921
3094 >E	Roseton 345kV Voltage	SBK Edic R945	20.0	327.8	339.1	1903
3094 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	20.0	327.8	339.1	1903
3094 >E	Ladentown 345kV Voltage	Ravenswood 3	24.4	327.8	335.6	3148
3109 >E	Gardenville 230kV Voltage	Ravenswood 3	19.0	207	207.4	3161
3113 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	19.1	207	207.2	3073
3113 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	19.1	207	207.2	3066
3115 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	19.1	207	207.1	3104
3117 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	22.2	327.8	335.2	1904
3117 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	22.3	327.8	335.2	1904
3117 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	26.5	327.8	332.6	1999
3121 >E	Dunwoodie 345kV Voltage	Volney-Marcy	30.7	327.8	327.4	2951
3124 >E	Sprain Brook 345kV Voltage	Volney-Marcy	30.7	327.8	327.4	2953

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3129 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	23.2	327.8	329.4	3081
3130 >E	Bowline 1 345kV Voltage	Ravenswood 3	24.3	327.8	335.9	3180
3133 >E	Buchanan North 345kV Voltage	Volney-Marcy	27.9	327.8	327.6	2960
3134 >E	Millwood 345kV Voltage	Volney-Marcy	27.1	327.8	327.4	2961
3142 >E	Bowline 2 345kV Voltage	Ravenswood 3	24.3	327.8	336.0	3191
3150 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	30.2	327.8	333.3	3028
3151 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	26.4	327.8	334.6	2009
3156 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	24.3	327.8	328.3	3097
3163 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	29.8	327.8	328.6	3114
3168 >E	Somerset 345kV Voltage	Ph2 DC 1500	29.5	327.8	363.5	3032
3169 >E	Roseton 345kV Voltage	Ravenswood 3	24.6	327.8	332.2	3215
3170 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	24.8	327.8	327.7	3158
3170 >E	Gilboa 345kV Voltage	SBK Marcy R3108	21.7	327.8	334.9	2752
3171 >E	Buchanan North 345kV Voltage	SBK Princetown 345	29.9	327.8	328.3	2825
3171 >E	Buchanan North 345kV Voltage	SBK Edic R70	30.4	327.8	328.3	3110
3174 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	24.9	327.8	327.6	3133
3174 >E	Gardenville 230kV Voltage	SBK Marcy R3108	25.3	207	223.0	2754
3179 >E	Buchanan South 345kV Voltage	Volney-Marcy	27.0	327.8	327.4	2996
3187 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	25.3	327.8	331.3	3036
3187 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	30.9	327.8	327.8	3175
3187 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	30.9	327.8	327.8	3146
3195 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	25.2	327.8	326.7	2842
3196 >E	Roseton 345kV Voltage	Volney-Marcy	23.0	327.8	327.8	3009
3197 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	26.8	327.8	338.7	2023
3200 >E	Leeds 345kV Voltage	Ph2 DC 1500	21.3	327.8	327.8	3039
3203 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	31.0	327.8	328.8	3153
3209 >E	Niagara 345kV Voltage	Marcy South N.	28.3	327.8	356.1	3548
3218 >E	Millwood 345kV Voltage	Ph2 DC 1500	31.2	327.8	331.8	3043
3222 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	37.1	327.8	328.7	3172
3223 >E	Millwood 345kV Voltage	SBK Edic R70	32.1	327.8	328.2	3153
3224 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	37.4	327.8	328.7	3174
3231 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	29.8	327.8	328.8	3181
3231 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	36.5	327.8	330.8	3046
3231 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	26.5	327.8	339.1	2034
3232 >E	Ramapo 345kV Voltage	Volney-Marcy	26.8	327.8	327.6	3037
3235 >E	Gilboa 345kV Voltage	Marcy South N.	26.3	327.8	347.6	3558
3235 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	36.8	327.8	330.7	3047
3236 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	30.2	327.8	333.2	3047
3237 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	32.6	327.8	327.8	3224

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3239 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	32.7	327.8	327.7	3198
3242 >E	Ramapo 345kV Voltage	Ph2 DC 1500	28.5	327.8	334.8	3049
3242 >E	Millwood 345kV Voltage	SBK Princetown 345	32.4	327.8	327.6	2877
3244 >E	Sprain Brook 345kV Voltage	SBK Edic R70	38.4	327.8	328.1	3171
3245 >E	Ramapo 345kV Voltage	SBK Princetown 345	27.5	327.8	328.8	2878
3246 >E	Dunwoodie 345kV Voltage	SBK Edic R70	38.8	327.8	328.1	3173
3247 >E	Buchanan South 345kV Voltage	SBK Edic R70	30.7	327.8	328.3	3174
3250 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	27.8	327.8	328.6	3199
3255 >E	Ramapo 345kV Voltage	SBK Edic R70	28.2	327.8	328.5	3180
3257 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	38.9	327.8	327.8	3245
3258 >E	Buchanan South 345kV Voltage	SBK Princetown 345	30.6	327.8	327.9	2888
3259 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	39.3	327.8	327.8	3247
3260 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	39.0	327.8	327.7	3218
3260 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	25.8	327.8	328.8	3210
3262 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	39.4	327.8	327.7	3220
3262 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	31.2	327.8	327.8	3250
3264 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	31.2	327.8	327.7	3222
3265 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	38.7	327.8	327.6	2893
3267 >E	Ramapo 500kV Voltage	Marcy South N.	84.7	500	506.0	3570
3268 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	39.1	327.8	327.6	2895
3272 >E	Ladentown 345kV Voltage	Volney-Marcy	27.0	327.8	327.3	3068
3272 >E	Roseton 345kV Voltage	SBK Edic R70	26.3	327.8	328.3	3195
3272 >E	Niagara 230kV East Voltage	Volney-Marcy	55.8	218.5	223.7	3068
3272 >E	Niagara 230kV West Voltage	Volney-Marcy	55.8	218.5	223.7	3068
3272 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	28.6	327.8	327.8	3230
3273 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	28.7	327.8	327.8	3261
3275 >E	Niagara 230kV East Voltage	Marcy South N.	59.7	218.5	233.8	3573
3275 >E	Niagara 230kV West Voltage	Marcy South N.	59.7	218.5	233.8	3573
3275 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	26.6	327.8	339.8	2047
3278 >E	Roseton 345kV Voltage	SBK Princetown 345	26.2	327.8	328.1	2903
3286 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	26.5	327.8	341.4	2050
3287 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	26.7	327.8	327.8	3274
3288 >E	Ladentown 345kV Voltage	Ph2 DC 1500	28.7	327.8	335.8	3059
3288 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	26.8	327.8	327.7	3245
3292 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	28.1	327.8	328.8	3241

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3296 >E	Ladentown 345kV Voltage	SBK Princetown 345	28.0	327.8	328.6	2916
3302 >E	Ladentown 345kV Voltage	SBK Edic R70	28.6	327.8	328.4	3220
3310 >E	Roseton 345kV Voltage	Ph2 DC 1500	27.6	327.8	331.7	3064
3314 >E	Bowline 1 345kV Voltage	Volney-Marcy	26.9	327.8	327.2	3101
3320 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	29.1	327.8	327.8	3307
3320 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	29.1	327.8	327.8	3277
3329 >E	Leeds 345kV Voltage	Marcy South N.	29.2	327.8	351.4	3594
3333 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	28.7	327.8	336.2	3069
3335 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	28.0	327.8	328.8	3283
3338 >E	Bowline 2 345kV Voltage	Volney-Marcy	27.3	327.8	326.8	3119
3339 >E	Bowline 1 345kV Voltage	SBK Princetown 345	28.0	327.8	328.7	2947
3344 >E	Ramapo 500kV Voltage	Marcy South S.	87.8	500	488.0	3524
3345 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	28.6	327.8	337.9	3071
3345 >E	Bowline 1 345kV Voltage	SBK Edic R70	28.5	327.8	328.5	3256
3348 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	28.0	327.8	328.8	3295
3352 >E	Bowline 2 345kV Voltage	SBK Princetown 345	27.9	327.8	328.7	2956
3353 >E	Dunwoodie 345kV Voltage	Marcy South S.	43.7	327.8	319.8	3528
3358 >E	Bowline 2 345kV Voltage	SBK Edic R70	28.5	327.8	328.5	3267
3364 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	29.0	327.8	327.8	3321
3364 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	29.0	327.8	327.8	3352
3366 >E	Sprain Brook 345kV Voltage	Marcy South S.	44.0	327.8	319.4	3535
3377 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	29.0	327.8	327.8	3365
3378 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	29.0	327.8	327.8	3334
3379 >E	Niagara 230kV East Voltage	Marcy South S.	64.5	218.5	222.5	3542
3379 >E	Niagara 230kV West Voltage	Marcy South S.	64.5	218.5	222.5	3542
3387 >E	Millwood 345kV Voltage	Marcy South S.	39.5	327.8	318.0	3546
3403 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	31.4	327.8	336.3	2085
3438 >E	Roseton 345kV Voltage	Marcy South S.	31.8	327.8	317.3	3574
3455 >E	Watercure 230kV Voltage	Ph2 DC 1500	38.0	207	243.9	3095
3487 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	36.1	327.8	328.7	2904
3488 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	36.8	327.8	332.8	2111
3493 >E	Ramapo 500kV Voltage	SBK Marcy R3108	101.6	500	502.8	2907
3519 >E	Fraser 345kV Voltage	Marcy South N.	35.7	327.8	327.8	3667
3557 >E	Gardenville 230kV Voltage	Ph2 DC 1500	37.5	207	228.5	3118
3601 >E	Watercure 230kV Voltage	Marcy South N.	57.0	207	277.1	3699
3612 >E	Buchanan South 345kV Voltage	Marcy South S.	45.3	327.8	311.1	3667
3624 >E	Leeds 345kV Voltage	SBK Edic R945	35.7	327.8	327.8	1927
3624 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	35.7	327.8	327.8	1927

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3777 >E	Buchanan North 345kV Voltage	Marcy South S.	55.1	327.8	304.4	3756
3828 >E	Pleasant Valley 345kV Voltage	Marcy South N.	56.6	327.8	345.9	3787
3877 >E	Rock Tavern 345kV Voltage	Marcy South S.	41.7	327.8	271.5	3809
3910 >E	Leeds 345kV Voltage	SBK Marcy R3108	45.2	327.8	327.8	3108
3940 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	56.3	327.8	328.6	3122
3960 >E	Coopers Corners 345kV Voltage	Marcy South S.	33.8	327.8	146.2	3854
4029 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	49.4	327.8	327.8	2275
4146 >E	Gardenville 230kV Voltage	Marcy South N.	68.1	207	245.4	3909
4153 >E	Roseton 345kV Voltage	SBK Marcy R3108	58.7	327.8	328.3	3224
4157 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	80.3	327.8	440.6	2313
4281 >E	Rainey 345kV Voltage	Ravenswood 3	81.4	327.8	340.8	4219
4288 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	84.9	327.8	328.8	3289
4344 >E	Rainey 345kV Voltage	SBK Edic R945	66.1	327.8	335.3	1960
4344 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	66.1	327.8	335.3	1960
4363 >E	Millwood 345kV Voltage	SBK Marcy R3108	85.8	327.8	327.7	3326
4374 >E	Ladentown 345kV Voltage	Marcy South S.	65.3	327.8	285.8	4076
4375 >E	Farragut 345kV Voltage	Ravenswood 3	85.6	327.8	340.0	4304
4410 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	69.9	327.8	335.3	1964
4410 >E	Farragut 345kV Voltage	SBK Edic R945	69.9	327.8	335.3	1963
4411 >E	Ramapo 345kV Voltage	Marcy South S.	67.9	327.8	283.4	4096
4416 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	101.5	327.8	327.3	3351
4420 >E	Coopers Corners 345kV Voltage	Marcy South N.	56.4	327.8	308.3	4015
4422 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	101.3	327.8	327.3	3354
4496 >E	Ramapo 345kV Voltage	SBK Marcy R3108	78.2	327.8	329.4	3389
4522 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	86.5	327.8	328.2	3402
4622 >E	Rainey 345kV Voltage	Pre-Fault	123.4	NA	338	4622
4627 >E	Farragut 345kV Voltage	Pre-Fault	127.8	NA	338	4627
4681 >E	Bowline 1 345kV Voltage	Marcy South S.	72.6	327.8	275.7	4241
4697 >E	Bowline 2 345kV Voltage	Marcy South S.	72.1	327.8	275.5	4249
4849 >E	Roseton 345kV Voltage	Marcy South N.	84.3	327.8	343.6	4180
4877 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	85.6	327.8	333.0	2531
4880 >E	Ladentown 345kV Voltage	SBK Marcy R3108	89.1	327.8	329.3	3574
4928 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	89.3	327.8	333.0	2546
4938 >E	Millwood 345kV Voltage	Marcy South N.	113.7	327.8	340.6	4215
5026 >E	Goethals 345kV Voltage	SBK Edic R945	94.8	327.8	335.2	1992
5027 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	94.8	327.8	335.2	1992
5167 >E	Goethals 345kV Voltage	Ravenswood 3	117.3	327.8	338.9	5020
5208 >E	Sprain Brook 345kV Voltage	Marcy South N.	143.5	327.8	338.9	4319
5211 >E	Dunwoodie 345kV Voltage	Marcy South N.	144.5	327.8	338.9	4320
5215 >E	Buchanan North 345kV Voltage	Marcy South N.	125.4	327.8	337.7	4322
5271 >E	Rainey 345kV Voltage	Volney-Marcy	100.2	327.8	327.3	4625

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5276 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	98.4	327.8	329.4	3764
5289 >E	Buchanan South 345kV Voltage	Marcy South N.	119.2	327.8	340.7	4350
5302 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	97.9	327.8	329.5	3777
5319 >E	Farragut 345kV Voltage	Volney-Marcy	104.0	327.8	327.3	4662
5322 >E	Goethals 345kV Voltage	Pre-Fault	175.3	NA	338	5322
5561 >E	Rock Tavern 345kV Voltage	Marcy South N.	102.8	327.8	330.5	4455
5647 >E	Rainey 345kV Voltage	Ph2 DC 1500	114.2	327.8	333.2	3579
5679 >E	Farragut 345kV Voltage	Ph2 DC 1500	117.8	327.8	333.2	3586
5706 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	120.7	327.8	332.9	2781
5719 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	117.4	327.8	329.1	5612
5768 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	121.6	327.8	329.1	5660
5843 >E	Rainey 345kV Voltage	SBK Edic R70	122.2	327.8	328.1	5359
5878 >E	Rainey 345kV Voltage	SBK Princetown 345	122.8	327.8	327.8	4787
5883 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	123.5	327.8	327.8	5862
5890 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	123.7	327.8	327.7	5813
5891 >E	Farragut 345kV Voltage	SBK Edic R70	126.5	327.8	328.1	5399
5924 >E	Farragut 345kV Voltage	SBK Princetown 345	127.1	327.8	327.8	4821
5930 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	127.8	327.8	327.8	5908
5942 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	128.2	327.8	327.7	5864
5987 >E	Ramapo 345kV Voltage	Marcy South N.	131.8	327.8	338.3	4619
6232 >E	Goethals 345kV Voltage	Volney-Marcy	140.9	327.8	327.3	5373
6287 >E	Ladentown 345kV Voltage	Marcy South N.	138.7	327.8	340.2	4735
6512 >E	Rainey 345kV Voltage	Marcy South S.	146.2	327.8	314.8	5224
6586 >E	Farragut 345kV Voltage	Marcy South S.	151.9	327.8	315.0	5263
6638 >E	Goethals 345kV Voltage	Ph2 DC 1500	156.6	327.8	333.4	3798
6881 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	166.5	327.8	329.1	6749
6898 >E	Bowline 1 345kV Voltage	Marcy South N.	152.9	327.8	341.0	4970
6943 >E	Bowline 2 345kV Voltage	Marcy South N.	152.2	327.8	341.2	4988
7067 >E	Goethals 345kV Voltage	SBK Edic R70	173.8	327.8	328.0	6389
7100 >E	Goethals 345kV Voltage	SBK Princetown 345	174.4	327.8	327.9	5673
7111 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	175.3	327.8	327.8	7085
7122 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	175.7	327.8	327.7	7029
7945 >E	Goethals 345kV Voltage	Marcy South S.	206.7	327.8	314.9	5993
8552 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	215.5	327.8	540.9	3641
11623 >E	Northport 138kV Voltage	Volney-Marcy	708.6	131.1	130.9	9573
11661 >E	Rainey 345kV Voltage	SBK Marcy R3108	336.7	327.8	326.9	6834

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
11677 >E	Northport 138kV Voltage	Pre-Fault	1028.6	NA	135	11677
11830 >E	Farragut 345kV Voltage	SBK Marcy R3108	350.0	327.8	326.9	6916
13649 >E	Northport 138kV Voltage	Ph2 DC 1500	867.9	131.1	133.2	5345
13901 >E	Northport 138kV Voltage	Ravenswood 3	907.6	131.1	132.8	12906
14473 >E	Northport 138kV Voltage	Marcy South S.	932.5	131.1	126.8	9496
14895 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	957.2	218.5	432.1	5558
14895 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	957.2	218.5	432.1	5558
14933 >E	Rainey 345kV Voltage	Marcy South N.	457.3	327.8	343.9	8069
15071 >E	Farragut 345kV Voltage	Marcy South N.	471.9	327.8	343.6	8122
15128 >E	Northport 138kV Voltage	N.Scot-Leeds 345	984.8	131.1	131.6	14809
15159 >E	Goethals 345kV Voltage	SBK Marcy R3108	483.7	327.8	326.5	8516
15642 >E	Northport 138kV Voltage	SBK Edic R70	1025.3	131.1	131.1	13606
15730 >E	Northport 138kV Voltage	Princetown-N.Scot 345	1031.9	131.1	131.1	15673
15773 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	1035.2	131.1	131.0	15565
15773 >E	Gardenville 230kV Voltage	Volney-Marcy	504.3	207	308.3	12805
15826 >E	Northport 138kV Voltage	SBK Princetown 345	1038.5	131.1	131.0	11999
19822 >E	Goethals 345kV Voltage	Marcy South N.	662.1	327.8	343.7	9954
30971 >E	Northport 138kV Voltage	SBK Marcy R3108	2237.8	131.1	130.4	16119
69517 >E	Northport 138kV Voltage	Marcy South N.	5270.3	131.1	139.5	29119
99998 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99998
99998	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

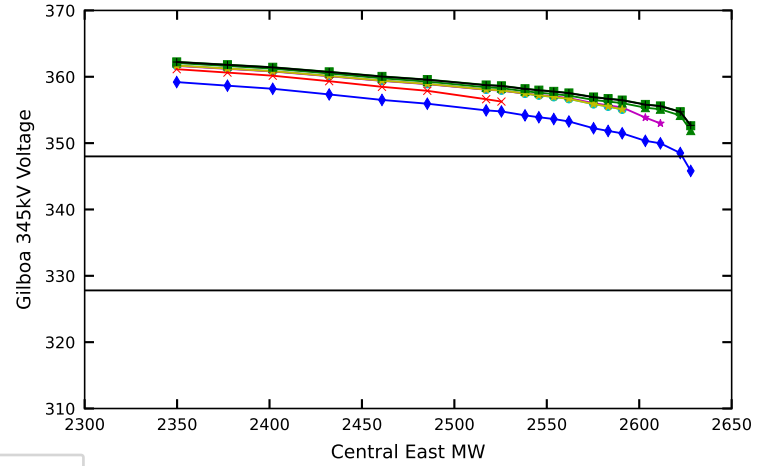
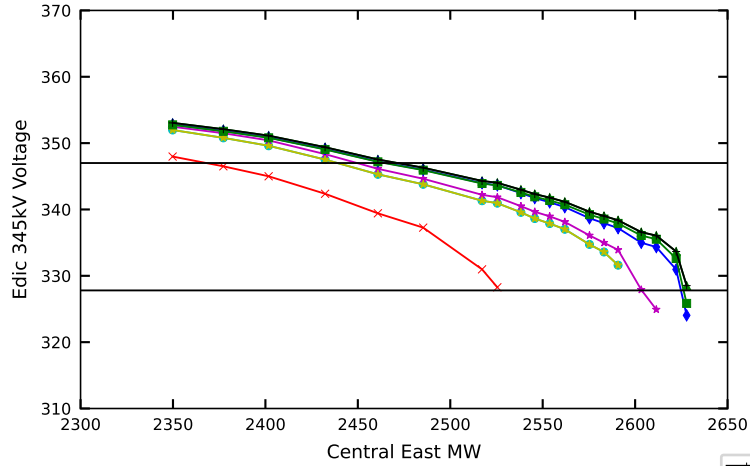
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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0ED_CAP

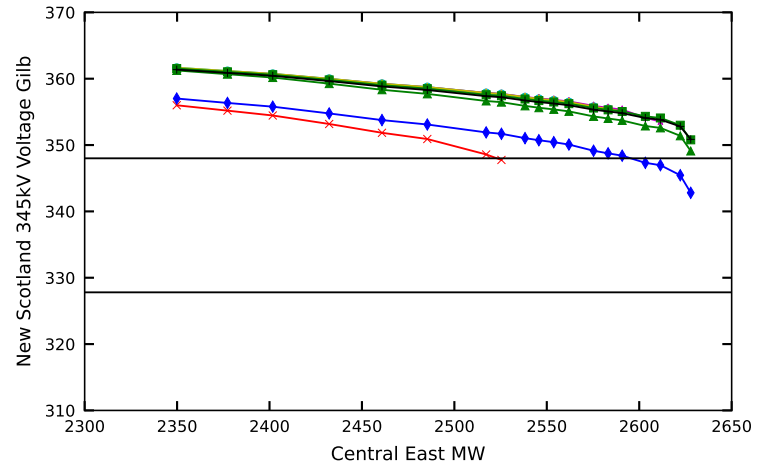
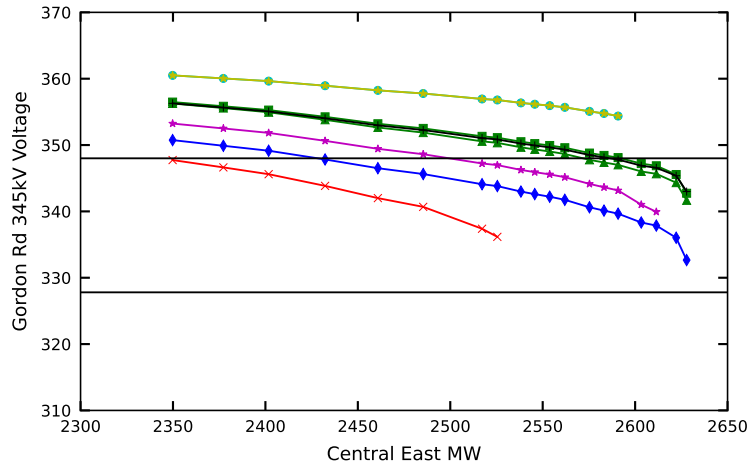
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
>E						
99998	Station 80 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

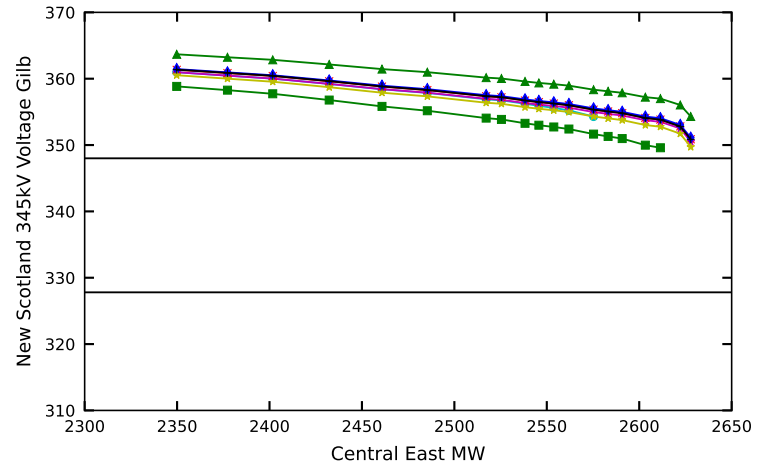
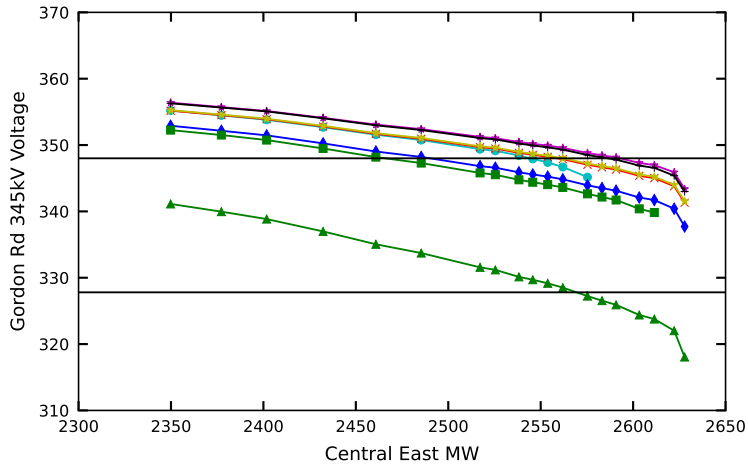
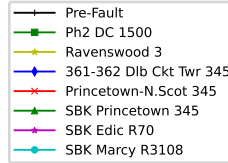
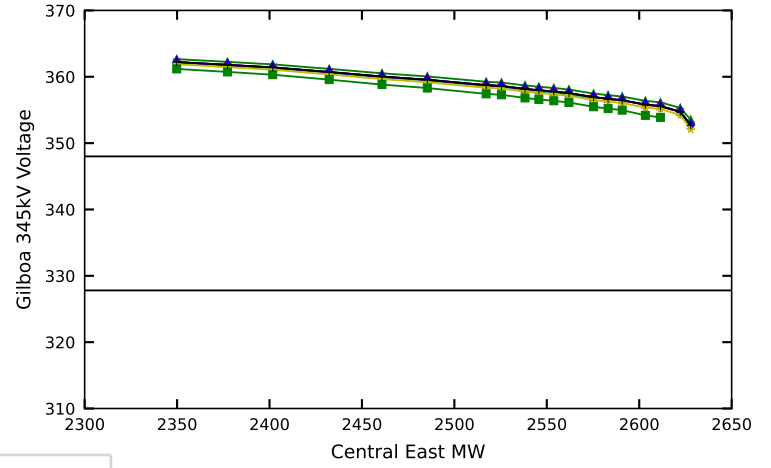
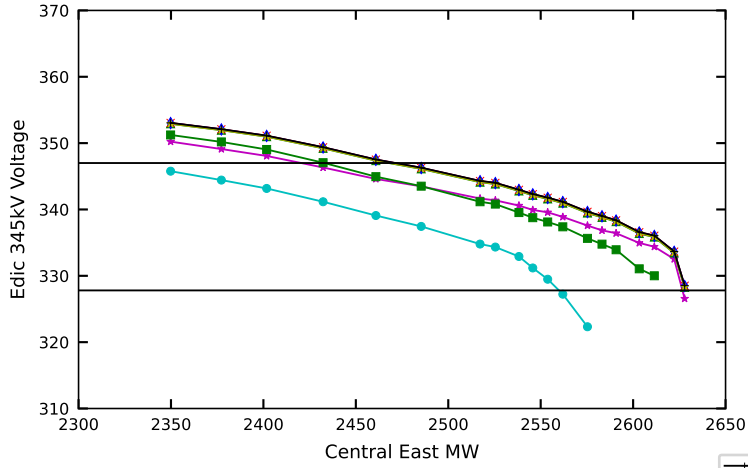
1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS Figure 1



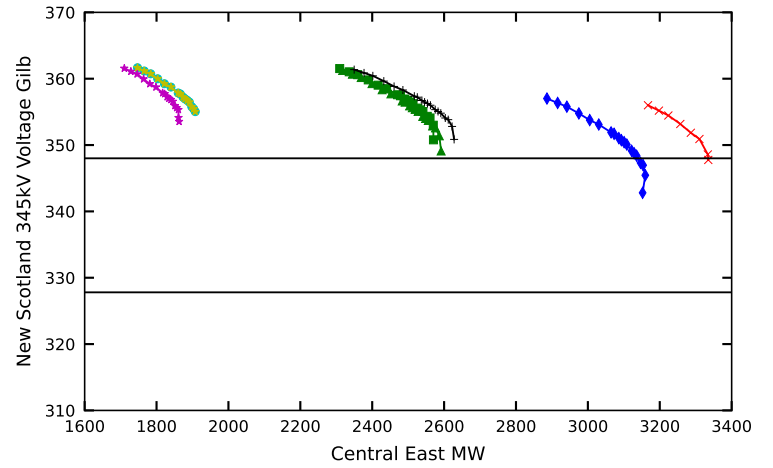
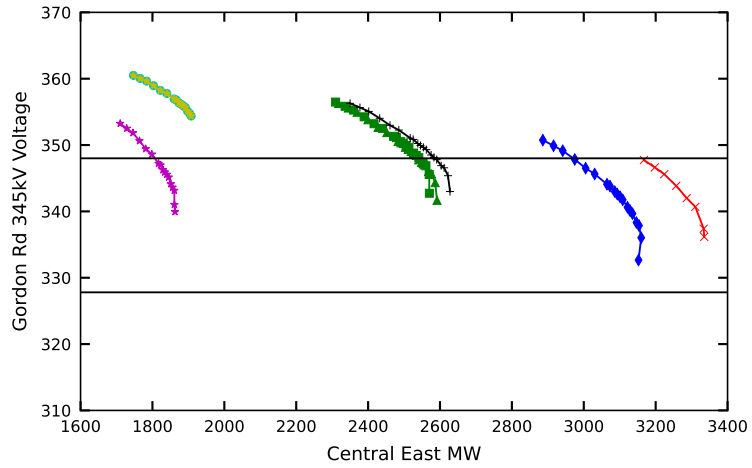
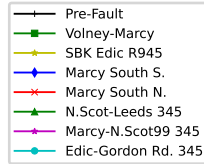
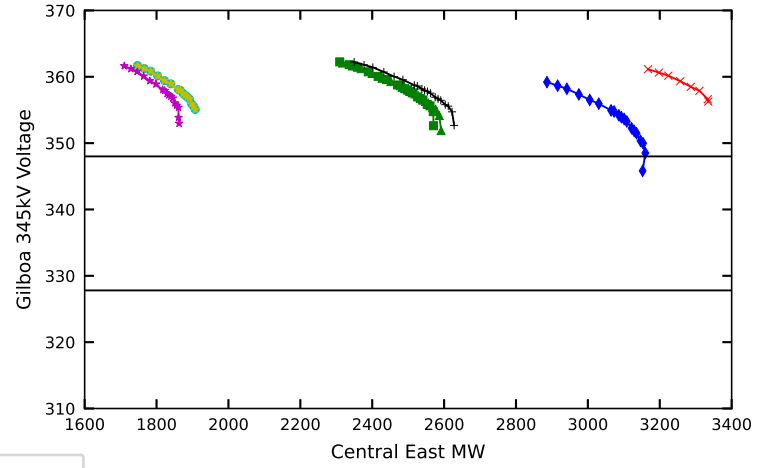
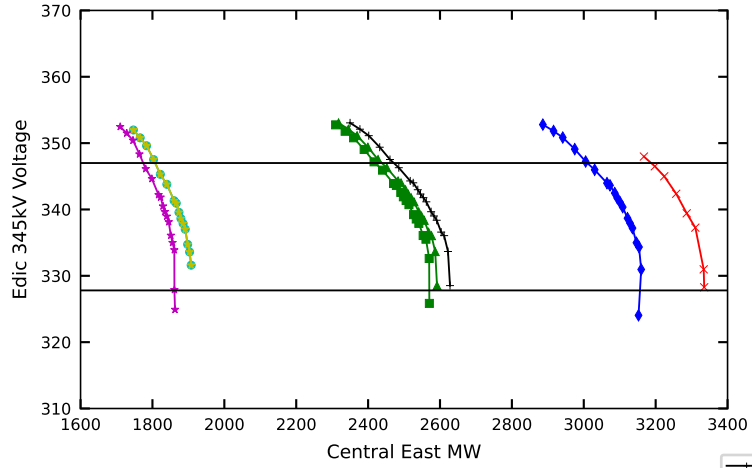
- +— Pre-Fault
- Volney-Marcy
- SBK Edic R945
- ◆— Marcy South S.
- ×— Marcy South N.
- ▲— N.Scot-Leeds 345
- *— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



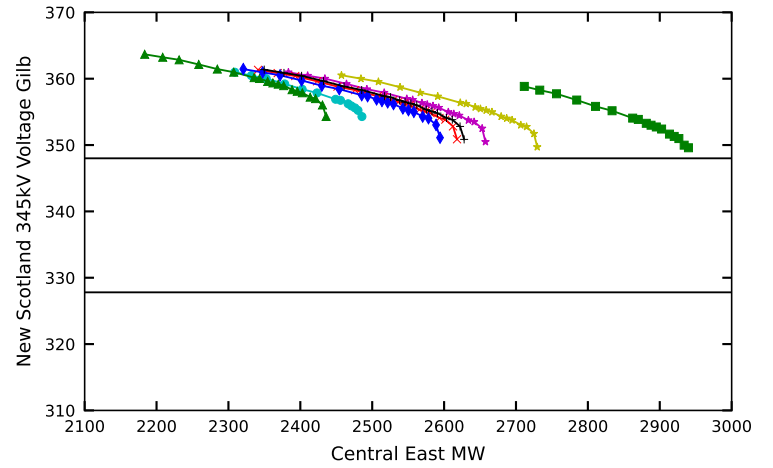
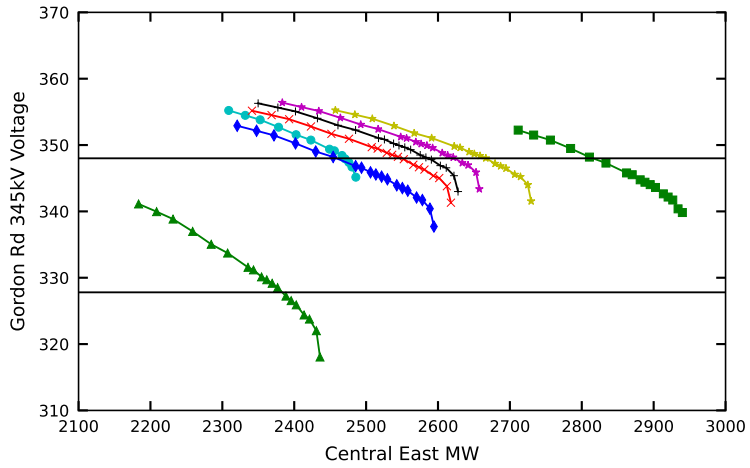
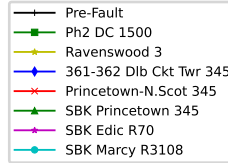
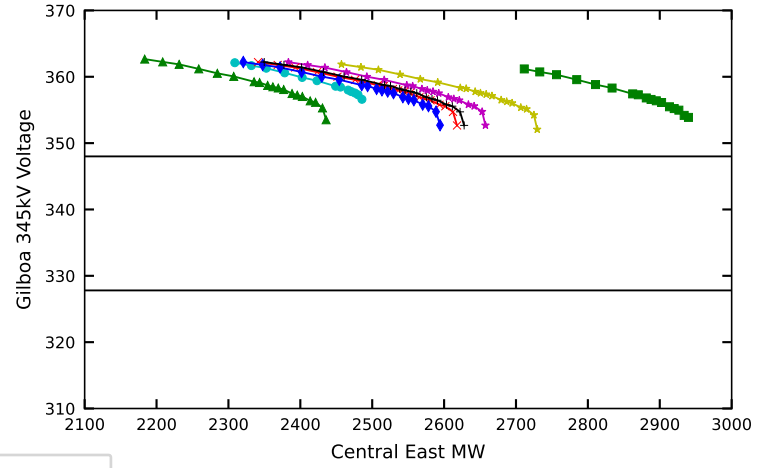
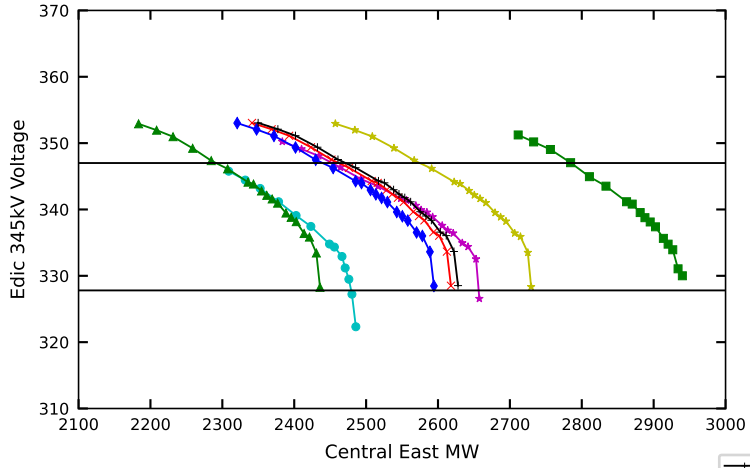
1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS Figure 2



1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS Figure 1



1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\OF_CAPS\Sum2023_CEVC_PH2_00_OF_CAPS.xlsx

1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 OF_CAPS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2349	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2377	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2401	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2432	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2460	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2485	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2517	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2525	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2538	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2545	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2553	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2561	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2575	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2583	t1	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0
	4															
2590	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	5															
2603	t1	0	1	0	0	2	0	1	0	2	0	0	0	0	0	0
	6															
2611	t1	0	2	0	0	2	0	2	0	2	0	0	0	0	0	0
	7															
2622	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	1
	8															
2627	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	9															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 OF_CAPS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17	t18	t19
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2270 <E	Dunwoodie 345kV Voltage	Pre-Fault	113.0	NA	348	2270
2282 <E	Sprain Brook 345kV Voltage	Pre-Fault	113.4	NA	348	2282
2399	limit with 5% margin	Marcy South N.	NA	NA	NA	3168
2446	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2361
2456	Marcy 345kV Voltage	Pre-Fault	15.3	NA	348	2456
2461	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1812
2461	limit with 5% margin	SBK Edic R945	NA	NA	NA	1812
2461	Pannell Road 345kV Voltage	Pre-Fault	34.9	NA	346	2461
2465	Clay 345kV Voltage	Pre-Fault	22.4	NA	345	2465
2467	Station 80 345kV Voltage	Pre-Fault	35.6	NA	346	2467
2471	Edic 345kV Voltage	Pre-Fault	19.8	NA	347	2471
2480	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1769
2480	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2792
2491	limit with 5% margin	Marcy South S.	NA	NA	NA	3001
2496	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2462
2496	limit with 5% margin	Volney-Marcy	NA	NA	NA	2441
2496	limit with 5% margin	SBK Edic R70	NA	NA	NA	2524
2496	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2314
2496	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2487
2496	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2464
2496	limit with 5% margin	Ravenswood 3	NA	NA	NA	2593
2516	Clay 345kV Voltage	Marcy South N.	5.0	327.8	342.4	3333
2526 >E	Edic 345kV Voltage	Marcy South N.	3.1	327.8	344.0	3335
2528 >E	Marcy 345kV Voltage	Marcy South N.	3.1	327.8	344.1	3335
2555	Clay 345kV Voltage	SBK Marcy R3108	3.0	327.8	340.3	2476
2559	Edic 345kV Voltage	SBK Marcy R3108	3.6	327.8	341.3	2479
2562 >E	Pannell Road 345kV Voltage	Marcy South N.	6.7	327.8	345.4	3341
2569	Gordon Rd 345kV Voltage	SBK Princetown 345	10.4	327.8	348.9	2383
2573 >E	Oakdale 345kV Voltage	Marcy South N.	5.3	320	345.7	3342
2582 >E	Gordon Rd 345kV Voltage	Marcy South N.	6.8	327.8	349.5	3344
2586	Gordon Rd 345kV Voltage	Pre-Fault	22.8	NA	348	2586
2586 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.5	327.8	340.2	2490
2598	Millwood 345kV Voltage	Pre-Fault	56.0	NA	348	2598
2599 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.1	327.8	339.7	2495
2600 >E	Clay 345kV Voltage	SBK Edic R945	3.8	327.8	336.3	1913
2600 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	336.3	1913
2600	Clay 345kV Voltage	Marcy-N.Scot99 345	2.1	327.8	335.9	1861
2603	Edic 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	336.6	1861
2603 >E	Station 80 345kV Voltage	Marcy South N.	9.8	327.8	348.3	3347
2605 >E	Edic 345kV Voltage	SBK Edic R945	3.8	327.8	337.1	1915

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2605 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	337.1	1915
2605 >E	Marcy 345kV Voltage	SBK Edic R945	3.8	327.8	337.3	1915
2605 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	337.3	1915
2605	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	336.6	1861
2620	Clay 345kV Voltage	Volney-Marcy	3.0	327.8	333.4	2568
2624	Oakdale 345kV Voltage	Pre-Fault	1.2	NA	335	2624
2625	Clay 345kV Voltage	SBK Edic R70	0.9	327.8	329.3	2655
2626	Edic 345kV Voltage	Volney-Marcy	0.8	327.8	330.0	2570
2626	Fraser 345kV Voltage	Pre-Fault	1.6	NA	338	2626
2626 >E	Clay 345kV Voltage	Ph2 DC 1500	7.8	327.8	334.4	2950
2626	Clay 345kV Voltage	SBK Princetown 345	0.9	327.8	328.5	2434
2626	Edic 345kV Voltage	SBK Edic R70	0.9	327.8	329.6	2656
2626	Clay 345kV Voltage	Ravenswood 3	0.9	327.8	328.3	2728
2626	Marcy 345kV Voltage	Volney-Marcy	0.8	327.8	329.5	2570
2627	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	1.0	327.8	327.9	2593
2627	Clay 345kV Voltage	N.Scot-Leeds 345	1.0	327.8	327.9	2591
2627	Clay 345kV Voltage	Princetown-N.Scot 345	1.0	327.8	327.8	2617
2628 >E	Edic 345kV Voltage	SBK Princetown 345	1.1	327.8	328.1	2436
2628 >E	Edic 345kV Voltage	Ravenswood 3	1.1	327.8	328.0	2730
2628 >E	Edic 345kV Voltage	Ph2 DC 1500	7.8	327.8	334.9	2952
2628 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	1.1	327.8	327.9	2595
2628 >E	Edic 345kV Voltage	N.Scot-Leeds 345	1.1	327.8	327.8	2592
2628 >E	Edic 345kV Voltage	Princetown-N.Scot 345	1.1	327.8	327.8	2618
2628 >E	Marcy 345kV Voltage	SBK Princetown 345	1.1	327.8	327.8	2436
2628 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	1.1	327.8	327.8	2592
2628 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	1.1	327.8	327.8	2618
2628 >E	Marcy 345kV Voltage	Ravenswood 3	1.1	327.8	327.8	2730
2628 >E	Marcy 345kV Voltage	SBK Edic R70	1.1	327.8	327.8	2658
2628 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	1.1	327.8	327.8	2595
2630 >E	Pannell Road 345kV Voltage	Volney-Marcy	1.1	327.8	333.2	2570
2630 >E	Clay 345kV Voltage	Marcy South S.	3.3	327.8	331.3	3164
2631 >E	Marcy 345kV Voltage	Ph2 DC 1500	7.8	327.8	334.9	2954
2632 >E	Edic 345kV Voltage	Marcy South S.	3.2	327.8	331.4	3165
2632 >E	Buchanan North 345kV Voltage	Pre-Fault	11.0	NA	346	2632
2633 >E	Marcy 345kV Voltage	Marcy South S.	3.2	327.8	331.2	3166
2634 >E	Station 80 345kV Voltage	Volney-Marcy	1.3	327.8	333.2	2570
2635 >E	Oakdale 345kV Voltage	SBK Marcy R3108	4.3	320	337.4	2510
2635 >E	Oakdale 345kV Voltage	Volney-Marcy	1.0	320	326.3	2571

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2635 >E	Pannell Road 345kV Voltage	SBK Edic R70	1.4	327.8	329.3	2664
2636 >E	New Scotland 345kV Voltage Alps	Pre-Fault	2.9	NA	348	2636
2636 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	2.9	NA	348	2636
2637 >E	Pannell Road 345kV Voltage	SBK Princetown 345	1.5	327.8	328.5	2444
2637 >E	Pannell Road 345kV Voltage	Ravenswood 3	1.5	327.8	328.4	2737
2638 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	1.5	327.8	327.9	2604
2638 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	1.5	327.8	327.9	2600
2638 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	5.6	327.8	339.8	1868
2638 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	1.5	327.8	327.8	2628
2640 >E	Gilboa 345kV Voltage	Pre-Fault	2.8	NA	348	2640
2640 >E	Coopers Corners 345kV Voltage	Pre-Fault	2.5	NA	338	2640
2641 >E	Oakdale 345kV Voltage	SBK Princetown 345	1.2	320	321.4	2448
2641 >E	Station 80 345kV Voltage	SBK Edic R70	1.7	327.8	329.4	2668
2641 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.4	320	336.8	1868
2641 >E	Oakdale 345kV Voltage	SBK Edic R70	1.2	320	321.1	2668
2641 >E	Oakdale 345kV Voltage	Ravenswood 3	1.2	320	321.1	2740
2642 >E	Fraser 345kV Voltage	Volney-Marcy	1.6	327.8	327.8	2571
2642 >E	Fraser 345kV Voltage	SBK Edic R70	1.6	327.8	327.8	2669
2642 >E	Fraser 345kV Voltage	SBK Princetown 345	1.6	327.8	327.8	2448
2642 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	1.6	327.8	327.8	2632
2642 >E	Fraser 345kV Voltage	Ravenswood 3	1.6	327.8	327.8	2741
2642 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	327.8	2604
2642 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	1.6	327.8	327.8	2608
2642 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	1.2	320	320.2	2609
2642 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	1.2	320	320.2	2605
2643 >E	St.Lawrence 230kV Voltage	Pre-Fault	5.3	NA	225	2643
2643 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	1.2	320	320.1	2633
2643 >E	Station 80 345kV Voltage	Ravenswood 3	1.8	327.8	328.5	2742
2643 >E	Station 80 345kV Voltage	SBK Princetown 345	1.8	327.8	328.4	2449
2644 >E	Rock Tavern 345kV Voltage	Pre-Fault	6.2	NA	348	2644
2644 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	1.8	327.8	327.9	2610
2644 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	1.9	327.8	327.9	2606
2644 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	1.9	327.8	327.8	2634
2647 >E	Pannell Road 345kV Voltage	SBK Edic R945	6.8	327.8	338.0	1939
2647 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	338.0	1939
2648 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	2.1	327.8	334.2	2614

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2649 >E	Pleasant Valley 345kV Voltage	Pre-Fault	8.4	NA	348	2649
2652 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	339.9	1871
2657 >E	Buchanan South 345kV Voltage	Pre-Fault	10.7	NA	346	2657
2657 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	2.1	327.8	330.6	2618
2657 >E	Gordon Rd 345kV Voltage	Volney-Marcy	2.0	327.8	330.4	2572
2658 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	2.3	327.8	330.0	2648
2659 >E	Coopers Corners 345kV Voltage	Ravenswood 3	2.4	327.8	330.6	2754
2659 >E	Gordon Rd 345kV Voltage	Ravenswood 3	2.3	327.8	329.6	2755
2662 >E	Coopers Corners 345kV Voltage	SBK Edic R70	2.4	327.8	329.3	2685
2662 >E	Gordon Rd 345kV Voltage	SBK Edic R70	2.2	327.8	328.2	2686
2662 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	2.4	327.8	329.0	2467
2662 >E	St.Lawrence 230kV Voltage	Volney-Marcy	4.0	218.5	221.2	2573
2663 >E	Coopers Corners 345kV Voltage	Volney-Marcy	2.3	327.8	328.7	2573
2664 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	328.3	2625
2665 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	328.0	2631
2665 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	2.5	327.8	327.9	2655
2668 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	7.8	327.8	342.2	1874
2668 >E	Somerset 345kV Voltage	Pre-Fault	3.6	NA	338	2668
2669 >E	Ramapo 500kV Voltage	Ravenswood 3	11.3	500	504.9	2763
2670 >E	Gordon Rd 345kV Voltage	Marcy South S.	5.9	327.8	340.0	3187
2670 >E	Oakdale 345kV Voltage	SBK Edic R945	5.4	320	336.6	1952
2670 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	5.4	320	336.6	1952
2674 >E	St.Lawrence 230kV Voltage	Ravenswood 3	5.2	218.5	219.0	2767
2674 >E	Pannell Road 345kV Voltage	Marcy South S.	5.9	327.8	332.5	3189
2674 >E	Station 80 345kV Voltage	SBK Edic R945	8.3	327.8	338.4	1955
2674 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	8.3	327.8	338.4	1955
2677 >E	Somerset 345kV Voltage	Volney-Marcy	2.5	327.8	335.7	2574
2677 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	5.3	218.5	218.5	2667
2677 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	5.3	218.5	218.5	2642
2677 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	5.3	218.5	218.5	2636
2678 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	5.3	218.5	218.4	2480
2678 >E	St.Lawrence 230kV Voltage	SBK Edic R70	5.4	218.5	218.3	2698
2678 >E	Ramapo 345kV Voltage	Pre-Fault	10.4	NA	346	2678
2680 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	2.5	327.8	332.7	2639
2680 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	2.5	327.8	332.7	2639
2682 >E	Marcy 345kV Voltage	SBK Marcy R3108	8.9	327.8	327.8	2529
2684 >E	Fraser 345kV Voltage	SBK Edic R945	6.7	327.8	339.0	1960
2684 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	339.0	1960
2685 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	343.1	1877

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2686 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	2.6	327.8	330.5	2575
2686 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	2.6	327.8	330.5	2575
2687 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	331.1	2645
2687 >E	Leeds 345kV Voltage	Pre-Fault	5.7	NA	345	2687
2688 >E	Somerset 345kV Voltage	SBK Marcy R3108	6.0	327.8	340.9	2531
2689 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	2.8	327.8	329.5	2779
2689 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	2.8	327.8	329.5	2779
2691 >E	Gilboa 345kV Voltage	Ravenswood 3	2.6	327.8	329.8	2780
2691 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	2.8	327.8	328.9	2709
2691 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	2.8	327.8	328.9	2709
2692 >E	Ladentown 345kV Voltage	Pre-Fault	10.4	NA	346	2692
2694 >E	Gilboa 345kV Voltage	Volney-Marcy	2.7	327.8	328.8	2576
2695 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	2.9	327.8	327.7	2684
2695 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	2.9	327.8	327.7	2684
2695 >E	Oakdale 345kV Voltage	Marcy South S.	4.5	320	323.7	3201
2695 >E	Somerset 345kV Voltage	SBK Edic R70	3.3	327.8	330.6	2712
2696 >E	Gilboa 345kV Voltage	SBK Edic R70	2.8	327.8	327.9	2713
2696 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	2.9	327.8	327.2	2661
2696 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	2.9	327.8	327.2	2661
2696 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	2.8	327.8	327.8	2686
2697 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	2.8	327.8	327.6	2662
2701 >E	Somerset 345kV Voltage	Ravenswood 3	3.5	327.8	329.0	2789
2702 >E	Somerset 345kV Voltage	SBK Princetown 345	3.5	327.8	328.7	2502
2702 >E	Roseton 345kV Voltage	Pre-Fault	9.2	NA	345	2702
2702 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	342.9	1881
2703 >E	St.Lawrence 230kV Voltage	Marcy South N.	15.5	218.5	231.1	3363
2704 >E	Fraser 345kV Voltage	Marcy South S.	6.5	327.8	327.8	3206
2705 >E	Station 80 345kV Voltage	Marcy South S.	7.7	327.8	333.0	3206
2705 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	3.6	327.8	328.0	2670
2705 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	3.6	327.8	327.9	2661
2705 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	3.6	327.8	327.9	2695
2709 >E	Gilboa 345kV Voltage	SBK Princetown 345	3.2	327.8	323.3	2508
2714 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	3.3	327.8	321.1	2513
2714 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	3.3	327.8	321.1	2513
2719 >E	Bowline 1 345kV Voltage	Pre-Fault	10.4	NA	345	2719
2721 >E	Ramapo 500kV Voltage	Volney-Marcy	11.6	500	500.9	2578
2723 >E	Bowline 2 345kV Voltage	Pre-Fault	10.4	NA	345	2723

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2725 >E	New Scotland 345kV Voltage Alps	Marcy South N.	10.0	327.8	353.5	3367
2725 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	10.0	327.8	353.5	3367
2725 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	8.7	327.8	339.3	2547
2727 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	12.3	500	500.4	2681
2727 >E	Niagara 230kV East Voltage	Pre-Fault	15.2	NA	225	2727
2727 >E	Niagara 230kV West Voltage	Pre-Fault	15.2	NA	225	2727
2727 >E	St.Lawrence 230kV Voltage	Marcy South S.	10.1	218.5	220.1	3219
2728 >E	Ramapo 500kV Voltage	SBK Edic R70	12.4	500	500.3	2739
2728 >E	Ramapo 500kV Voltage	SBK Princetown 345	12.6	500	500.3	2526
2731 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	12.7	500	500.1	2695
2731 >E	Coopers Corners 345kV Voltage	SBK Edic R945	9.7	327.8	342.6	1987
2731 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	9.7	327.8	342.6	1987
2731 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	12.7	500	500.0	2721
2732 >E	Ramapo 500kV Voltage	Pre-Fault	12.7	NA	500	2732
2744 >E	Rock Tavern 345kV Voltage	Ravenswood 3	5.9	327.8	331.8	2824
2745 >E	Dunwoodie 345kV Voltage	Ravenswood 3	11.3	327.8	335.3	2824
2745 >E	Sprain Brook 345kV Voltage	Ravenswood 3	11.2	327.8	335.3	2824
2747 >E	New Scotland 345kV Voltage Alps	Marcy South S.	7.1	327.8	340.9	3230
2747 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	7.1	327.8	340.9	3230
2748 >E	Niagara 230kV East Voltage	Volney-Marcy	9.6	218.5	223.6	2580
2748 >E	Niagara 230kV West Voltage	Volney-Marcy	9.6	218.5	223.6	2580
2751 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	14.2	218.5	228.4	1891
2752 >E	Oakdale 345kV Voltage	Ph2 DC 1500	9.3	320	328.5	3043
2760 >E	Buchanan North 345kV Voltage	Ravenswood 3	9.9	327.8	334.4	2837
2761 >E	Millwood 345kV Voltage	Ravenswood 3	9.8	327.8	334.8	2837
2763 >E	Fraser 345kV Voltage	SBK Marcy R3108	11.0	327.8	327.8	2562
2764 >E	Watercure 230kV Voltage	Marcy South N.	13.1	207	231.0	3373
2764 >E	Rock Tavern 345kV Voltage	Volney-Marcy	5.9	327.8	328.7	2581
2765 >E	Rock Tavern 345kV Voltage	SBK Edic R70	6.1	327.8	328.5	2769
2765 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	328.4	2716
2766 >E	Niagara 345kV Voltage	Volney-Marcy	4.8	327.8	338.3	2582
2767 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	6.2	327.8	328.1	2561
2767 >E	Niagara 345kV Voltage	Pre-Fault	7.2	NA	338	2767
2769 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	6.2	327.8	327.9	2732
2769 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	6.2	327.8	327.8	2758
2773 >E	St.Lawrence 230kV Voltage	SBK Edic R945	16.4	218.5	226.0	2010
2773 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	16.4	218.5	226.0	2010
2774 >E	Gilboa 345kV Voltage	Marcy South S.	7.3	327.8	342.6	3245
2778 >E	Buchanan South 345kV Voltage	Ravenswood 3	9.7	327.8	334.7	2851

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2785 >E	Niagara 345kV Voltage	SBK Marcy R3108	7.7	327.8	338.6	2571
2785 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	327.8	2734
2785 >E	Leeds 345kV Voltage	SBK Edic R70	5.7	327.8	327.8	2786
2785 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	327.8	2749
2785 >E	Leeds 345kV Voltage	SBK Princetown 345	5.7	327.8	327.8	2577
2785 >E	Leeds 345kV Voltage	Ravenswood 3	5.7	327.8	327.8	2857
2785 >E	Leeds 345kV Voltage	Volney-Marcy	5.7	327.8	327.8	2583
2785 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	5.7	327.8	327.8	2774
2787 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	8.1	327.8	331.5	2859
2788 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	14.7	327.8	339.5	3069
2795 >E	Niagara 230kV East Voltage	SBK Edic R70	13.1	218.5	220.5	2794
2795 >E	Niagara 230kV West Voltage	SBK Edic R70	13.1	218.5	220.5	2794
2805 >E	Niagara 230kV East Voltage	Ravenswood 3	13.9	218.5	219.8	2873
2805 >E	Niagara 230kV West Voltage	Ravenswood 3	13.9	218.5	219.8	2873
2807 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	8.0	327.8	329.2	2753
2807 >E	Ramapo 345kV Voltage	Ravenswood 3	9.5	327.8	333.6	2875
2814 >E	Niagara 345kV Voltage	SBK Edic R70	6.4	327.8	331.6	2809
2814 >E	Niagara 230kV East Voltage	SBK Princetown 345	14.4	218.5	219.3	2603
2814 >E	Niagara 230kV West Voltage	SBK Princetown 345	14.4	218.5	219.3	2603
2815 >E	Ladentown 345kV Voltage	Ravenswood 3	9.5	327.8	334.2	2881
2815 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	8.2	327.8	328.2	2586
2816 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	9.5	207	228.3	1904
2816 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	8.3	327.8	328.1	2811
2819 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	8.4	327.8	327.8	2808
2820 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	8.5	327.8	327.6	2783
2824 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	15.0	218.5	218.6	2786
2824 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	15.0	218.5	218.6	2786
2824 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	15.1	218.5	218.6	2769
2824 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	15.1	218.5	218.6	2769
2825 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	10.7	327.8	328.5	2769
2825 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	15.1	218.5	218.5	2814
2825 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	15.1	218.5	218.5	2814
2827 >E	Buchanan North 345kV Voltage	Volney-Marcy	10.6	327.8	328.4	2587
2827 >E	Niagara 345kV Voltage	Ravenswood 3	6.9	327.8	329.8	2891
2828 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	10.5	327.8	328.7	2772
2828 >E	Roseton 345kV Voltage	Ravenswood 3	8.8	327.8	331.4	2891
2829 >E	Buchanan North 345kV Voltage	SBK Edic R70	10.9	327.8	328.2	2821

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2830 >E	Bowline 1 345kV Voltage	Ravenswood 3	9.5	327.8	334.4	2893
2831 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	8.7	327.8	326.4	2618
2831 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	12.3	327.8	328.5	2775
2831 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	12.4	327.8	328.5	2775
2832 >E	Niagara 345kV Voltage	SBK Princetown 345	7.0	327.8	329.1	2619
2832 >E	Niagara 230kV East Voltage	SBK Marcy R3108	19.4	218.5	225.2	2590
2832 >E	Niagara 230kV West Voltage	SBK Marcy R3108	19.4	218.5	225.2	2590
2833 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	11.0	327.8	327.8	2822
2833 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	11.0	327.8	327.8	2795
2834 >E	Bowline 2 345kV Voltage	Ravenswood 3	9.5	327.8	334.4	2896
2834 >E	Millwood 345kV Voltage	SBK Edic R70	10.8	327.8	328.1	2826
2835 >E	Millwood 345kV Voltage	Volney-Marcy	10.7	327.8	328.0	2588
2836 >E	Buchanan North 345kV Voltage	SBK Princetown 345	11.1	327.8	327.6	2622
2838 >E	Sprain Brook 345kV Voltage	SBK Edic R70	12.7	327.8	328.0	2828
2838 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	10.9	327.8	327.8	2826
2838 >E	Dunwoodie 345kV Voltage	SBK Edic R70	12.8	327.8	328.0	2828
2838 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	11.0	327.8	327.7	2801
2840 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	7.2	327.8	328.0	2802
2840 >E	Sprain Brook 345kV Voltage	Volney-Marcy	12.6	327.8	327.9	2588
2840 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	7.2	327.8	328.0	2783
2840 >E	Dunwoodie 345kV Voltage	Volney-Marcy	12.7	327.8	327.9	2588
2841 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	7.2	327.8	327.9	2829
2841 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	12.8	327.8	327.8	2830
2841 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	12.9	327.8	327.8	2830
2842 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	12.9	327.8	327.7	2804
2842 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	12.9	327.8	327.7	2804
2842 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	10.3	327.8	328.7	2785
2845 >E	Millwood 345kV Voltage	SBK Princetown 345	11.1	327.8	327.1	2631
2846 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	9.3	327.8	349.1	1910
2847 >E	Buchanan South 345kV Voltage	Volney-Marcy	10.4	327.8	328.2	2589
2848 >E	Buchanan South 345kV Voltage	SBK Edic R70	10.6	327.8	328.2	2837
2849 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	13.1	327.8	327.1	2634
2849 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	13.2	327.8	327.1	2635
2852 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	10.7	327.8	327.8	2841
2853 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	10.7	327.8	327.7	2815

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2853 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	8.9	327.8	328.7	2795
2856 >E	Roseton 345kV Voltage	Volney-Marcy	9.0	327.8	328.4	2589
2857 >E	Roseton 345kV Voltage	SBK Edic R70	9.1	327.8	328.2	2845
2858 >E	Ramapo 345kV Voltage	Volney-Marcy	10.0	327.8	328.7	2590
2858 >E	Buchanan South 345kV Voltage	SBK Princetown 345	10.9	327.8	327.2	2642
2859 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	10.1	327.8	328.6	2800
2860 >E	Ramapo 500kV Voltage	Ph2 DC 1500	56.9	500	506.2	3122
2861 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	9.2	327.8	327.8	2850
2862 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	9.2	327.8	327.7	2823
2862 >E	Ramapo 345kV Voltage	SBK Edic R70	10.3	327.8	328.3	2848
2866 >E	Roseton 345kV Voltage	SBK Princetown 345	9.3	327.8	327.3	2649
2866 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	31.2	327.8	341.7	3126
2867 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	327.8	2829
2867 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	327.8	2855
2868 >E	Ramapo 345kV Voltage	SBK Princetown 345	10.4	327.8	327.7	2651
2868 >E	Fraser 345kV Voltage	Ph2 DC 1500	17.8	327.8	327.8	3128
2868 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	13.5	327.8	326.2	2605
2869 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	37.1	500	506.1	1915
2872 >E	Gardenville 230kV Voltage	Volney-Marcy	9.6	207	217.6	2591
2872 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	10.1	327.8	328.7	2812
2873 >E	Ladentown 345kV Voltage	Volney-Marcy	10.0	327.8	328.6	2591
2877 >E	Ladentown 345kV Voltage	SBK Edic R70	10.3	327.8	328.3	2860
2880 >E	Gardenville 230kV Voltage	Pre-Fault	15.7	NA	217	2880
2881 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	327.8	2870
2882 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	327.8	2843
2884 >E	Ladentown 345kV Voltage	SBK Princetown 345	10.5	327.8	327.6	2666
2888 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	10.1	327.8	328.8	2827
2889 >E	Bowline 1 345kV Voltage	Volney-Marcy	10.0	327.8	328.7	2592
2891 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	28.0	218.5	223.5	2614
2892 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	10.1	327.8	328.8	2831
2893 >E	Bowline 1 345kV Voltage	SBK Edic R70	10.3	327.8	328.3	2873
2893 >E	Bowline 2 345kV Voltage	Volney-Marcy	10.0	327.8	328.7	2592
2897 >E	Bowline 2 345kV Voltage	SBK Edic R70	10.3	327.8	328.3	2877
2898 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	327.8	2886
2898 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	327.8	2859
2899 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	16.3	327.8	332.4	3150
2900 >E	Bowline 1 345kV Voltage	SBK Princetown 345	10.5	327.8	327.6	2680

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2902 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	327.8	2891
2903 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	327.8	2864
2905 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	41.4	500	505.3	2085
2905 >E	Ramapo 500kV Voltage	SBK Edic R945	41.4	500	505.3	2085
2905 >E	Bowline 2 345kV Voltage	SBK Princetown 345	10.5	327.8	327.6	2685
2914 >E	Somerset 345kV Voltage	SBK Edic R945	15.7	327.8	344.6	2090
2915 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	15.7	327.8	344.6	2090
2921 >E	Watercure 230kV Voltage	SBK Edic R945	14.5	207	225.4	2094
2921 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	14.5	207	225.4	2094
2945 >E	Watercure 230kV Voltage	Volney-Marcy	13.4	207	236.7	2597
2955 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	14.4	327.8	336.3	2640
2955 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	14.4	327.8	336.3	2640
2967 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	13.8	327.8	342.9	1934
2967 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	13.8	327.8	342.9	1934
2973 >E	Gardenville 230kV Voltage	SBK Edic R70	13.3	207	211.1	2939
2994 >E	Leeds 345kV Voltage	Marcy South S.	14.3	327.8	338.9	3370
2998 >E	Gardenville 230kV Voltage	Ravenswood 3	14.3	207	209.5	3029
3007 >E	Gardenville 230kV Voltage	SBK Princetown 345	14.6	207	208.9	2776
3031 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	19.1	327.8	341.4	1947
3031 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	15.5	207	207.4	2956
3032 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	15.5	207	207.4	2990
3036 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	15.6	207	207.1	3023
3038 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	43.4	218.5	225.3	3252
3046 >E	Gilboa 345kV Voltage	SBK Edic R945	16.7	327.8	343.7	2164
3046 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	16.7	327.8	343.7	2164
3063 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	20.7	327.8	340.0	3271
3063 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	20.7	327.8	340.0	3271
3083 >E	Watercure 230kV Voltage	SBK Marcy R3108	23.0	207	239.7	2692
3097 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	18.6	327.8	337.8	2193
3097 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	18.6	327.8	337.8	2193
3097 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	18.6	327.8	337.8	2193
3097 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	18.6	327.8	337.8	2193
3106 >E	Gordon Rd 345kV Voltage	SBK Edic R945	19.4	327.8	325.2	2198
3106 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	19.4	327.8	325.2	2198
3135 >E	Pleasant Valley 345kV Voltage	Marcy South S.	24.6	327.8	333.4	3450
3141 >E	Gilboa 345kV Voltage	SBK Marcy R3108	19.7	327.8	331.0	2716
3155 >E	Gardenville 230kV Voltage	SBK Marcy R3108	22.8	207	222.6	2721
3192 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	26.1	327.8	342.1	2246
3192 >E	Rock Tavern 345kV Voltage	SBK Edic R945	26.1	327.8	342.1	2246

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3194 >E	Ramapo 500kV Voltage	SBK Marcy R3108	68.5	500	501.7	2737
3194 >E	Gilboa 345kV Voltage	Marcy South N.	23.5	327.8	348.6	3443
3208 >E	Rainey 345kV Voltage	Ravenswood 3	28.3	327.8	340.4	3199
3231 >E	Ramapo 500kV Voltage	Marcy South N.	77.6	500	506.3	3449
3235 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	26.0	327.8	326.8	2754
3242 >E	Farragut 345kV Voltage	Ravenswood 3	29.8	327.8	339.6	3227
3255 >E	Somerset 345kV Voltage	Marcy South S.	28.4	327.8	344.0	3518
3263 >E	Leeds 345kV Voltage	Marcy South N.	25.3	327.8	352.2	3454
3291 >E	Sprain Brook 345kV Voltage	SBK Edic R945	39.4	327.8	332.0	2303
3292 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	39.4	327.8	332.0	2303
3298 >E	Fraser 345kV Voltage	Marcy South N.	37.7	327.8	327.8	3459
3306 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	37.3	327.8	336.1	2311
3306 >E	Buchanan North 345kV Voltage	SBK Edic R945	37.3	327.8	336.1	2311
3307 >E	Watercure 230kV Voltage	Ph2 DC 1500	30.2	207	218.4	3449
3308 >E	Rainey 345kV Voltage	Pre-Fault	41.7	NA	338	3308
3309 >E	Gilboa 345kV Voltage	Ph2 DC 1500	26.7	327.8	336.3	3450
3311 >E	Farragut 345kV Voltage	Pre-Fault	43.3	NA	338	3311
3312 >E	Dunwoodie 345kV Voltage	SBK Edic R945	40.8	327.8	332.0	2314
3312 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	40.8	327.8	332.0	2314
3392 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	32.7	327.8	332.2	3511
3393 >E	Ramapo 500kV Voltage	Marcy South S.	89.5	500	493.6	3597
3410 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	40.0	327.8	334.0	2369
3410 >E	Millwood 345kV Voltage	SBK Edic R945	40.0	327.8	334.0	2369
3410 >E	Niagara 230kV East Voltage	SBK Edic R945	60.9	218.5	228.9	2370
3410 >E	Niagara 230kV West Voltage	SBK Edic R945	60.9	218.5	228.9	2370
3411 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	61.0	218.5	228.9	2370
3411 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	61.0	218.5	228.9	2370
3432 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	43.9	327.8	338.3	2028
3441 >E	Buchanan South 345kV Voltage	SBK Edic R945	38.8	327.8	336.1	2387
3441 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	38.8	327.8	336.1	2387
3444 >E	Niagara 345kV Voltage	SBK Edic R945	30.5	327.8	349.2	2389
3444 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	30.5	327.8	349.2	2389
3451 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	33.7	207	231.4	2032
3458 >E	Ramapo 345kV Voltage	SBK Edic R945	37.2	327.8	340.2	2396
3458 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	37.2	327.8	340.2	2397
3473 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	37.8	327.8	341.5	2037
3515 >E	Ladentown 345kV Voltage	SBK Edic R945	37.2	327.8	340.5	2429
3515 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	37.2	327.8	340.5	2429
3516 >E	Goethals 345kV Voltage	Ravenswood 3	40.8	327.8	338.3	3449
3536 >E	Goethals 345kV Voltage	Pre-Fault	58.7	NA	338	3536
3544 >E	Millwood 345kV Voltage	Marcy South S.	45.9	327.8	323.0	3682

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3549 >E	Dunwoodie 345kV Voltage	Marcy South S.	53.2	327.8	323.6	3685
3560 >E	Sprain Brook 345kV Voltage	Marcy South S.	53.4	327.8	323.4	3691
3570 >E	Bowline 1 345kV Voltage	SBK Edic R945	37.1	327.8	341.3	2460
3570 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	37.1	327.8	341.3	2460
3587 >E	Bowline 2 345kV Voltage	SBK Edic R945	37.0	327.8	342.8	2469
3587 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	37.0	327.8	342.8	2469
3595 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	40.5	327.8	342.4	2061
3624 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	42.7	327.8	327.9	2912
3626 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	81.3	218.5	242.8	2068
3626 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	81.3	218.5	242.8	2068
3626 >E	Roseton 345kV Voltage	Marcy South S.	37.8	327.8	323.2	3729
3661 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	40.5	327.8	343.4	2075
3662 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	48.9	327.8	338.9	2075
3663 >E	Leeds 345kV Voltage	SBK Marcy R3108	36.2	327.8	327.8	2928
3678 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	40.4	327.8	344.6	2078
3686 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	40.0	327.8	328.9	3547
3686 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	41.4	327.8	339.5	2080
3701 >E	Pleasant Valley 345kV Voltage	Marcy South N.	49.7	327.8	346.5	3525
3704 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	41.5	327.8	328.9	3564
3704 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	56.2	327.8	327.7	2945
3720 >E	Rainey 345kV Voltage	Volney-Marcy	41.1	327.8	328.1	2663
3722 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	55.1	327.8	337.0	2087
3724 >E	Rainey 345kV Voltage	SBK Edic R70	41.4	327.8	328.0	3550
3733 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	41.7	327.8	327.8	3716
3736 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	41.8	327.8	327.7	3681
3739 >E	Farragut 345kV Voltage	Volney-Marcy	42.7	327.8	328.1	2664
3742 >E	Farragut 345kV Voltage	SBK Edic R70	43.0	327.8	328.0	3566
3752 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	43.3	327.8	327.8	3735
3754 >E	Roseton 345kV Voltage	SBK Marcy R3108	43.6	327.8	327.0	2965
3756 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	43.4	327.8	327.7	3700
3761 >E	Rainey 345kV Voltage	SBK Princetown 345	42.6	327.8	327.1	3453
3778 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	66.6	327.8	335.4	2098
3780 >E	Farragut 345kV Voltage	SBK Princetown 345	44.2	327.8	327.1	3470
3786 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	67.4	327.8	326.7	2979
3786 >E	Gardenville 230kV Voltage	SBK Edic R945	46.8	207	226.1	2582
3786 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	46.8	207	226.1	2582
3787 >E	Millwood 345kV Voltage	SBK Marcy R3108	58.3	327.8	326.9	2979
3788 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	67.1	327.8	326.7	2980
3791 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	67.7	327.8	335.2	2101

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3799 >E	Buchanan South 345kV Voltage	Marcy South S.	52.3	327.8	317.9	3827
3800 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	63.7	327.8	334.3	3810
3819 >E	Station 80 345kV Voltage	Ph2 DC 1500	125.9	327.8	370.3	3825
3833 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	47.0	327.8	338.3	2608
3833 >E	Roseton 345kV Voltage	SBK Edic R945	47.0	327.8	338.3	2608
3848 >E	Ramapo 345kV Voltage	SBK Marcy R3108	51.9	327.8	327.9	3004
3862 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	51.1	327.8	333.7	2624
3862 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	51.1	327.8	333.7	2625
3892 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	58.6	327.8	327.1	3022
3912 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	53.0	327.8	336.1	2126
3951 >E	Ramapo 345kV Voltage	Ph2 DC 1500	58.2	327.8	335.8	3921
4008 >E	Buchanan North 345kV Voltage	Marcy South S.	64.4	327.8	311.9	3945
4056 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	67.0	327.8	334.9	3998
4070 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	73.2	327.8	452.5	2157
4070 >E	Millwood 345kV Voltage	Ph2 DC 1500	71.9	327.8	333.7	4008
4071 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	56.2	327.8	328.9	3895
4083 >E	Ladentown 345kV Voltage	Ph2 DC 1500	60.2	327.8	337.2	4017
4116 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	62.8	327.8	333.7	4042
4116 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	84.9	327.8	332.5	4042
4121 >E	Goethals 345kV Voltage	Volney-Marcy	58.1	327.8	328.0	2697
4124 >E	Ladentown 345kV Voltage	SBK Marcy R3108	60.0	327.8	327.5	3116
4124 >E	Goethals 345kV Voltage	SBK Edic R70	58.4	327.8	328.0	3877
4128 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	85.9	327.8	332.4	4051
4136 >E	Goethals 345kV Voltage	Princeton-N.Scot 345	58.8	327.8	327.8	4117
4140 >E	Goethals 345kV Voltage	361-362 D1b Ckt Twr 345	58.9	327.8	327.7	4077
4172 >E	Goethals 345kV Voltage	SBK Princetown 345	60.0	327.8	327.2	3822
4175 >E	Roseton 345kV Voltage	Ph2 DC 1500	59.4	327.8	332.9	4085
4183 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	60.4	327.8	337.8	4091
4208 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	60.2	327.8	339.5	4109
4307 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	57.6	327.8	327.8	2875
4307 >E	Leeds 345kV Voltage	SBK Edic R945	57.6	327.8	327.8	2875
4393 >E	Rock Tavern 345kV Voltage	Marcy South S.	57.5	327.8	276.2	4164
4402 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	66.6	327.8	326.8	3230
4415 >E	Niagara 345kV Voltage	Marcy South S.	59.9	327.8	350.7	4176
4420 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	66.2	327.8	327.6	3237
4436 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	62.3	327.8	327.8	2232
4436 >E	Leeds 345kV Voltage	Ph2 DC 1500	62.3	327.8	327.8	4276
4478 >E	Niagara 230kV East Voltage	Marcy South S.	140.7	218.5	230.3	4212
4478 >E	Niagara 230kV West Voltage	Marcy South S.	140.7	218.5	230.3	4212
4632 >E	Roseton 345kV Voltage	Marcy South N.	75.9	327.8	344.6	3675

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4644 >E	Ladentown 345kV Voltage	Marcy South S.	74.0	327.8	299.1	4306
4689 >E	Ramapo 345kV Voltage	Marcy South S.	77.2	327.8	297.0	4332
4712 >E	Coopers Corners 345kV Voltage	Marcy South N.	70.0	327.8	307.0	3688
4720 >E	Millwood 345kV Voltage	Marcy South N.	102.8	327.8	341.2	3690
4733 >E	Coopers Corners 345kV Voltage	Marcy South S.	52.2	327.8	116.5	4356
4952 >E	Sprain Brook 345kV Voltage	Marcy South N.	129.2	327.8	339.3	3727
4960 >E	Dunwoodie 345kV Voltage	Marcy South N.	130.4	327.8	339.3	3728
4973 >E	Bowline 1 345kV Voltage	Marcy South S.	81.7	327.8	291.8	4493
4996 >E	Bowline 2 345kV Voltage	Marcy South S.	81.3	327.8	291.9	4506
5025 >E	Buchanan North 345kV Voltage	Marcy South N.	116.3	327.8	338.2	3739
5056 >E	Buchanan South 345kV Voltage	Marcy South N.	108.7	327.8	341.3	3744
5312 >E	Northport 138kV Voltage	Pre-Fault	304.5	NA	135	5312
5435 >E	Watercure 230kV Voltage	Marcy South S.	111.1	207	247.3	4754
5506 >E	Rock Tavern 345kV Voltage	Marcy South N.	102.7	327.8	331.5	3817
5795 >E	Ramapo 345kV Voltage	Marcy South N.	124.7	327.8	338.6	3863
5962 >E	Northport 138kV Voltage	Ravenswood 3	268.0	131.1	132.9	5431
6038 >E	Ladentown 345kV Voltage	Marcy South N.	129.5	327.8	340.6	3903
6297 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	137.9	327.8	335.1	3997
6297 >E	Rainey 345kV Voltage	SBK Edic R945	137.9	327.8	335.1	3997
6361 >E	Northport 138kV Voltage	N.Scot-Leeds 345	293.7	131.1	131.6	5963
6371 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	143.5	327.8	335.0	4039
6371 >E	Farragut 345kV Voltage	SBK Edic R945	143.5	327.8	335.0	4039
6476 >E	Northport 138kV Voltage	SBK Edic R70	302.8	131.1	131.2	5794
6477 >E	Northport 138kV Voltage	Volney-Marcy	302.6	131.1	131.2	2897
6500 >E	Northport 138kV Voltage	Princeton-N.Scot 345	304.5	131.1	131.1	6465
6507 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	305.0	131.1	131.1	6397
6564 >E	Gardenville 230kV Voltage	Ph2 DC 1500	153.1	207	224.1	5835
6578 >E	Northport 138kV Voltage	SBK Princeton 345	310.4	131.1	130.8	5980
6610 >E	Bowline 1 345kV Voltage	Marcy South N.	142.8	327.8	341.4	3995
6652 >E	Bowline 2 345kV Voltage	Marcy South N.	142.1	327.8	341.7	4002
6809 >E	Watercure 230kV Voltage	SBK Edic R70	165.3	207	287.2	6064
7274 >E	Rainey 345kV Voltage	Marcy South S.	173.5	327.8	321.3	5797
7344 >E	Farragut 345kV Voltage	Marcy South S.	179.7	327.8	321.5	5837
7632 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	194.3	327.8	335.0	4751
7640 >E	Goethals 345kV Voltage	SBK Edic R945	194.6	327.8	335.0	4755
8229 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	209.6	327.8	339.6	2999
8300 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	216.6	327.8	339.4	3013
8508 >E	Rainey 345kV Voltage	SBK Marcy R3108	220.0	327.8	326.1	4902
8605 >E	Farragut 345kV Voltage	SBK Marcy R3108	228.2	327.8	326.1	4941
8957 >E	Goethals 345kV Voltage	Marcy South S.	244.6	327.8	321.4	6751

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
9411 >E	Rainey 345kV Voltage	Ph2 DC 1500	253.6	327.8	336.4	7920
9469 >E	Farragut 345kV Voltage	Ph2 DC 1500	261.0	327.8	336.4	7962
10248 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	295.0	327.8	339.3	3408
10678 >E	Goethals 345kV Voltage	SBK Marcy R3108	311.7	327.8	325.9	5786
11447 >E	Goethals 345kV Voltage	Ph2 DC 1500	341.3	327.8	337.1	9411
13624 >E	Rainey 345kV Voltage	Marcy South N.	408.6	327.8	344.6	5129
13774 >E	Farragut 345kV Voltage	Marcy South N.	422.7	327.8	344.2	5154
17743 >E	Northport 138kV Voltage	Marcy South S.	1187.0	131.1	129.0	11734
17923 >E	Goethals 345kV Voltage	Marcy South N.	589.0	327.8	344.2	5825
21593 >E	Northport 138kV Voltage	SBK Marcy R3108	1493.9	131.1	130.2	10232
25401 >E	Northport 138kV Voltage	Ph2 DC 1500	1787.6	131.1	137.1	19631
26881 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1902.1	131.1	136.7	6774
61382 >E	Northport 138kV Voltage	Marcy South N.	4631.2	131.1	139.9	12853
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Niagara 230kV East Voltage	Marcy South N.	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Marcy South N.	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

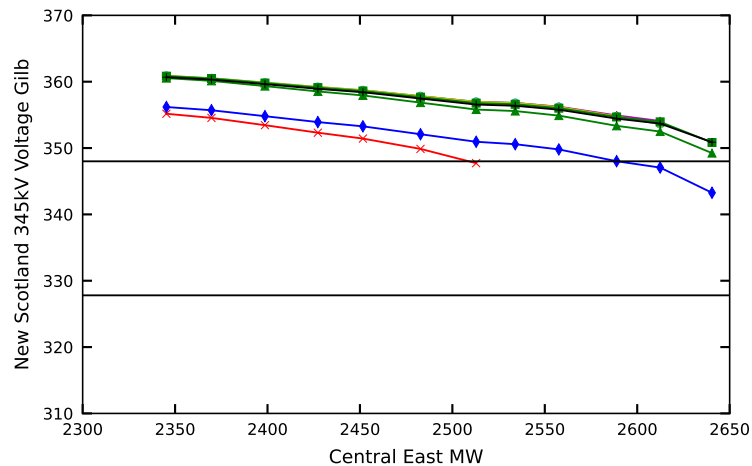
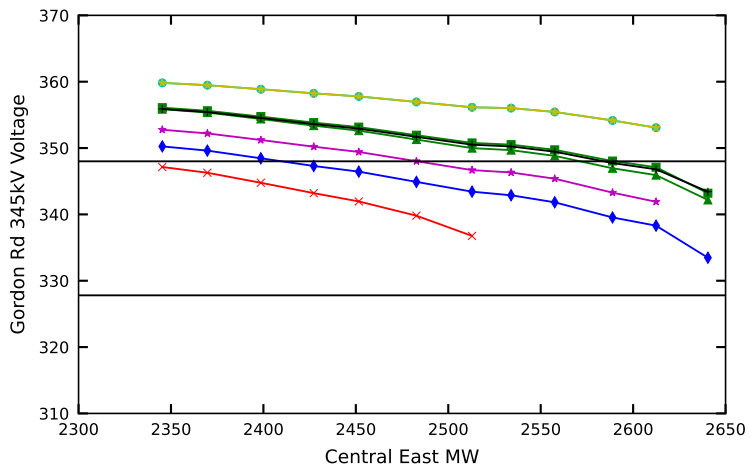
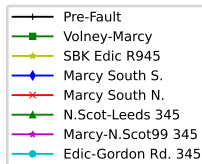
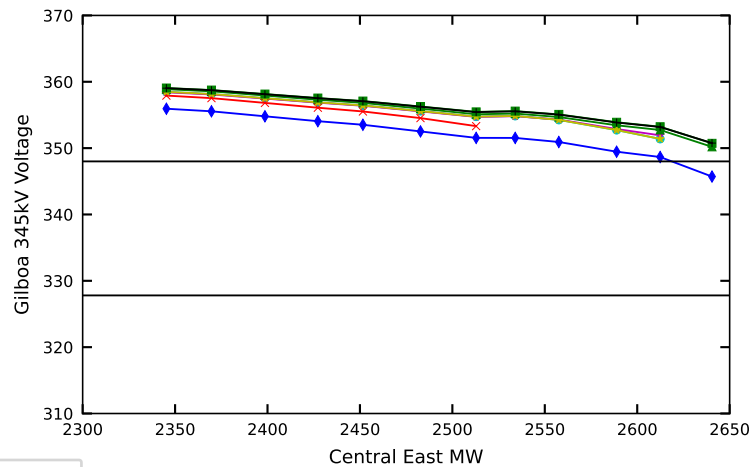
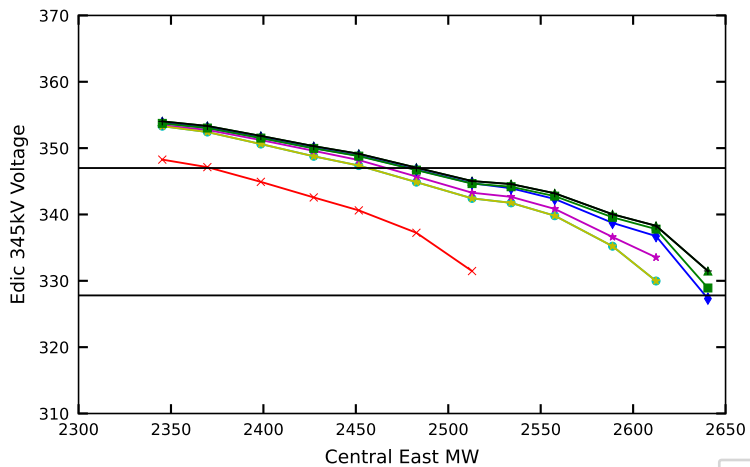
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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0F_CAPS

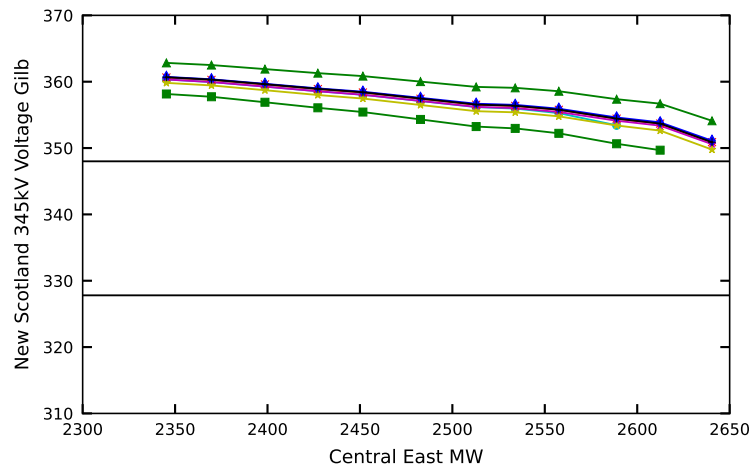
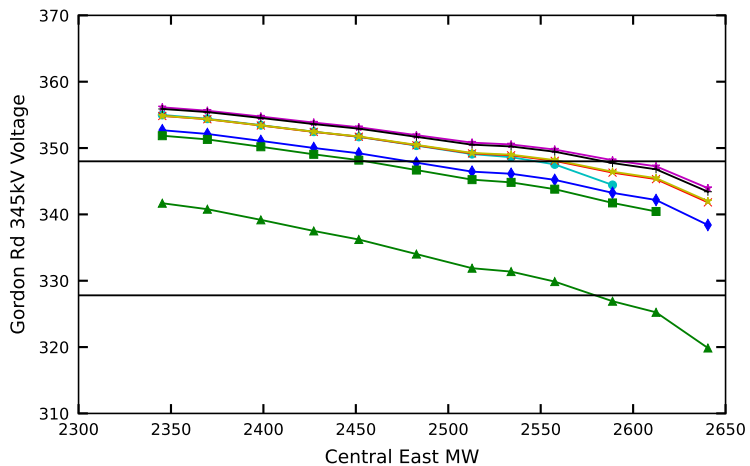
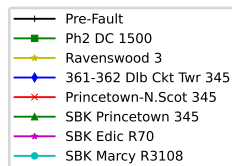
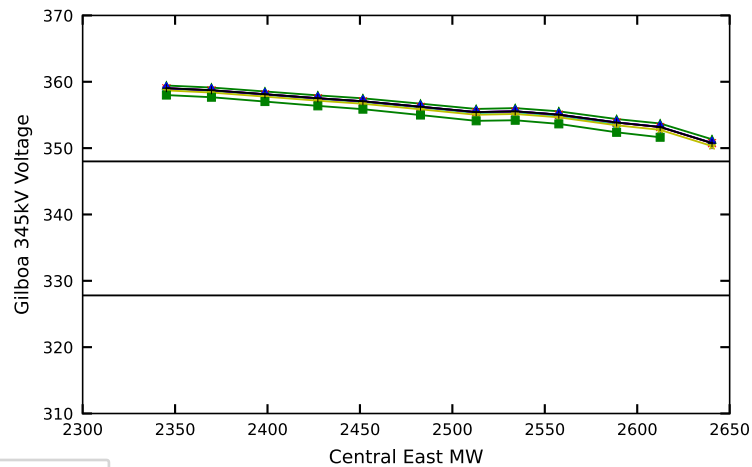
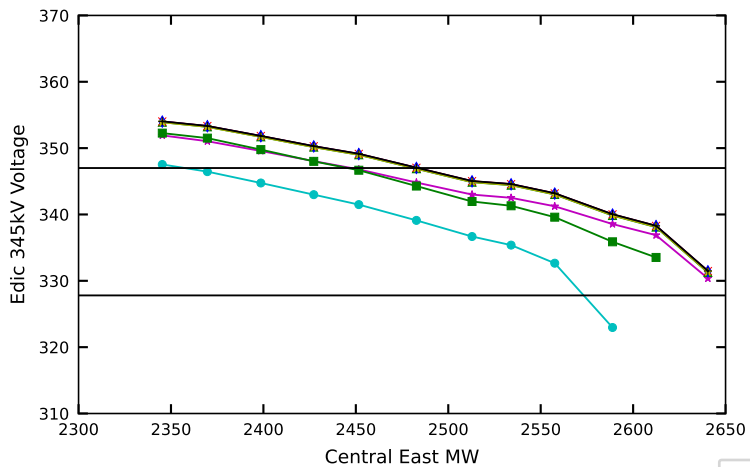
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				<-Post->	<-Pre->	
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>E						
99998	Somerset 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99999	Gardenville 230kV Voltage	Marcy South N.	NA	207	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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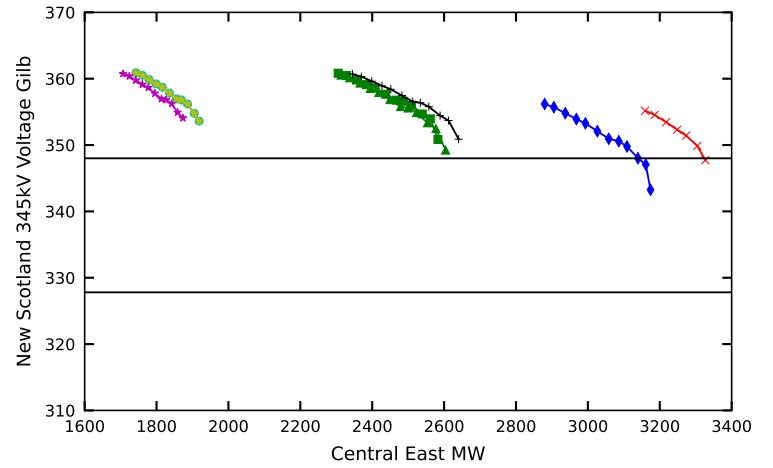
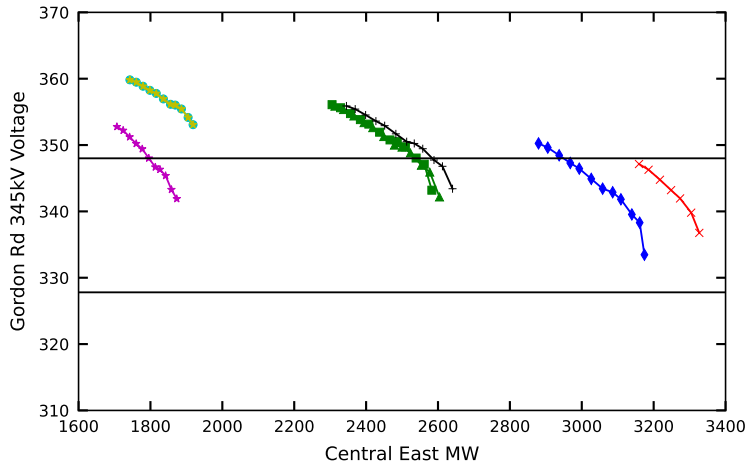
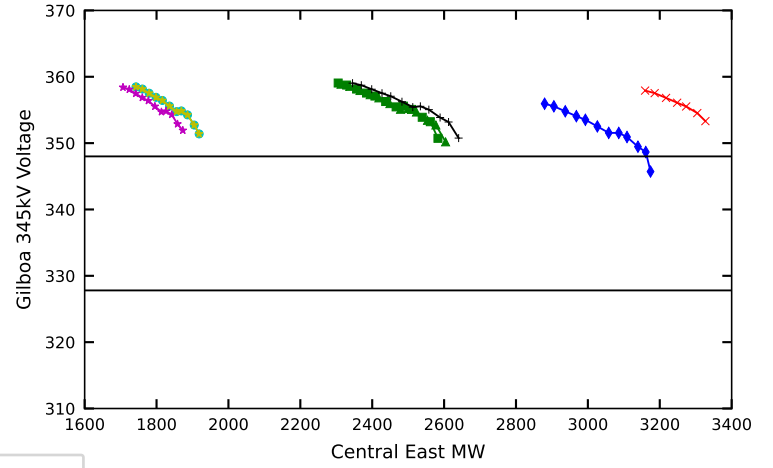
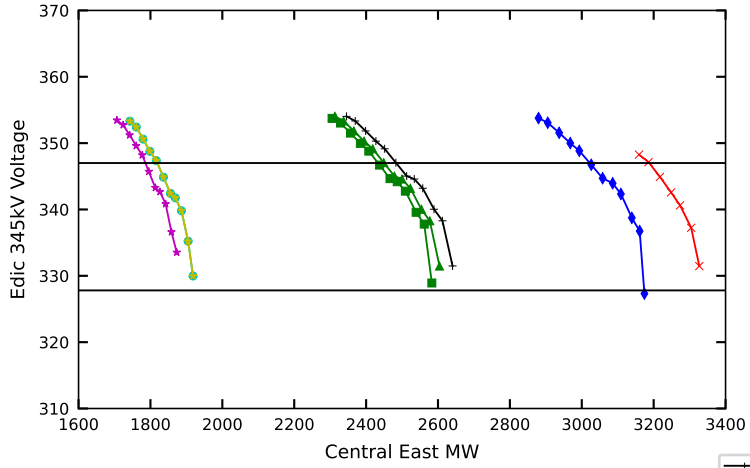
1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0G_CAP Figure 1



1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0G_CAP Figure 2

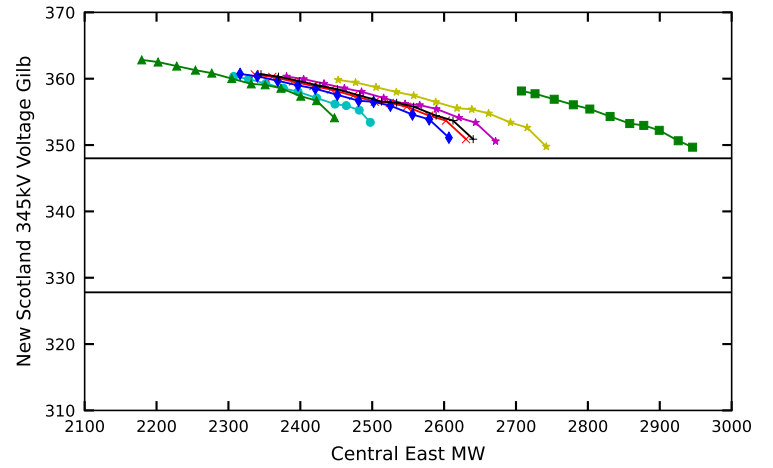
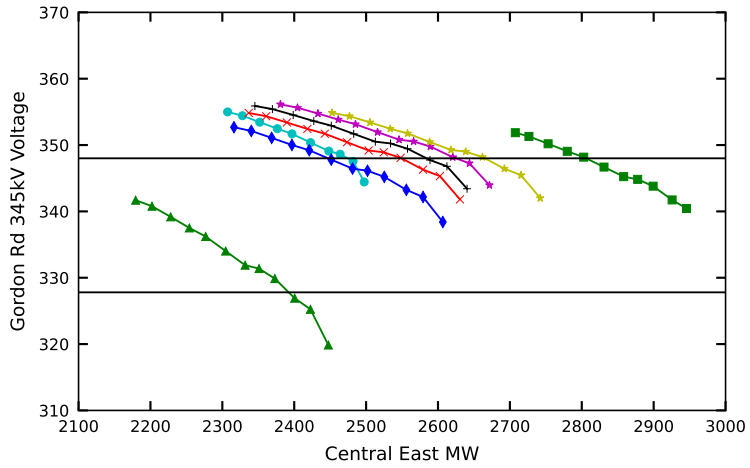
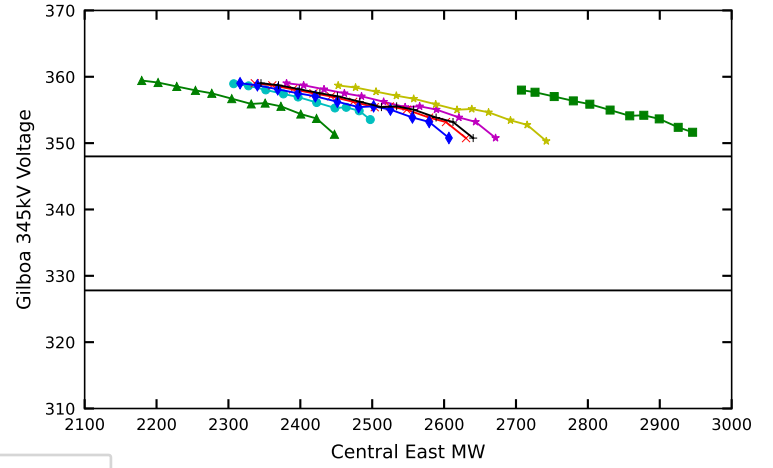
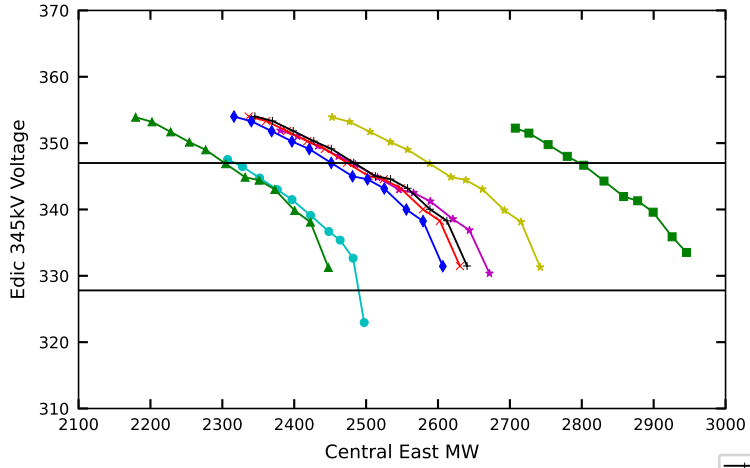


1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0G_CAP Figure 1



- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0G_CAP Figure 2



- +— Pre-Fault
- Ph2 DC 1500
- ▲— Ravenswood 3
- ◆— 361-362 Dlb Ckt Twr 345
- ×— Princetown-N.Scot 345
- ▲— SBK Princetown 345
- ◆— SBK Edic R70
- SBK Marcy R3108

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0G_CAP

Interface: Central East

Transfe	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
MW		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
2345	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2369	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2398	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2427	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2451	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2482	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2512	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2533	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2557	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2588	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2612	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	1															
2640	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	2															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\0G_CAP\Sum2023_CEVC_PH2_00_0G_CAP.xlsx

1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0G_CAP

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0G_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2236 <E	Dunwoodie 345kV Voltage	Pre-Fault	114.4	NA	348	2236
2248 <E	Sprain Brook 345kV Voltage	Pre-Fault	114.6	NA	348	2248
2387	limit with 5% margin	Marcy South N.	NA	NA	NA	3160
2459	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2372
2470	Marcy 345kV Voltage	Pre-Fault	14.8	NA	348	2470
2476	Pannell Road 345kV Voltage	Pre-Fault	27.4	NA	346	2476
2479	Station 80 345kV Voltage	Pre-Fault	26.4	NA	346	2479
2480	Clay 345kV Voltage	Pre-Fault	18.1	NA	345	2480
2481	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1822
2481	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1779
2481	limit with 5% margin	SBK Edic R945	NA	NA	NA	1822
2481	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2798
2483	Edic 345kV Voltage	Pre-Fault	14.9	NA	347	2483
2508	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2473
2508	limit with 5% margin	Marcy South S.	NA	NA	NA	3015
2508	limit with 5% margin	Volney-Marcy	NA	NA	NA	2453
2508	limit with 5% margin	SBK Edic R70	NA	NA	NA	2538
2508	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2325
2508	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2498
2508	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2476
2508	limit with 5% margin	Ravenswood 3	NA	NA	NA	2605
2517 >E	Clay 345kV Voltage	Marcy South N.	5.3	327.8	342.9	3330
2531 >E	Edic 345kV Voltage	Marcy South N.	5.2	327.8	343.8	3341
2534 >E	Marcy 345kV Voltage	Marcy South N.	5.2	327.8	343.7	3343
2567	Clay 345kV Voltage	SBK Marcy R3108	2.8	327.8	340.5	2486
2573	Edic 345kV Voltage	SBK Marcy R3108	3.2	327.8	341.6	2489
2579	Gordon Rd 345kV Voltage	SBK Princetown 345	10.6	327.8	348.3	2392
2581 >E	Pannell Road 345kV Voltage	Marcy South N.	8.9	327.8	342.2	3378
2584	Gordon Rd 345kV Voltage	Pre-Fault	18.3	NA	348	2584
2601 >E	Gordon Rd 345kV Voltage	Marcy South N.	9.9	327.8	347.0	3393
2605 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	4.8	327.8	340.5	2505
2607 >E	Oakdale 345kV Voltage	Marcy South N.	7.0	320	343.8	3397
2613	Millwood 345kV Voltage	Pre-Fault	36.5	NA	348	2613
2614 >E	Clay 345kV Voltage	SBK Edic R945	4.3	327.8	336.7	1919
2614 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	336.7	1919
2621 >E	Station 80 345kV Voltage	Marcy South N.	11.1	327.8	342.2	3408
2621 >E	Marcy 345kV Voltage	SBK Edic R945	4.5	327.8	337.7	1924
2621 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	337.7	1924
2622 >E	Edic 345kV Voltage	SBK Edic R945	4.5	327.8	337.6	1924
2622 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	337.6	1924

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2623 >E	Station 80 345kV Voltage	SBK Marcy R3108	5.8	327.8	340.4	2514
2625	Clay 345kV Voltage	Volney-Marcy	2.6	327.8	333.8	2571
2635	Clay 345kV Voltage	Marcy South S.	2.9	327.8	331.5	3171
2639	Edic 345kV Voltage	Marcy South S.	3.0	327.8	331.8	3173
2640	Marcy 345kV Voltage	Marcy South S.	3.0	327.8	331.6	3174
2643 >E	Edic 345kV Voltage	Volney-Marcy	3.2	327.8	330.6	2585
2644 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	7.8	327.8	334.5	1893
2645 >E	Clay 345kV Voltage	SBK Edic R70	4.1	327.8	329.0	2676
2646 >E	Marcy 345kV Voltage	Volney-Marcy	3.2	327.8	330.1	2587
2647 >E	Clay 345kV Voltage	SBK Princetown 345	4.1	327.8	328.5	2453
2648 >E	Clay 345kV Voltage	Ravenswood 3	4.1	327.8	328.3	2749
2650 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	4.2	327.8	327.9	2616
2650 >E	Clay 345kV Voltage	N.Scot-Leeds 345	4.2	327.8	327.9	2613
2650 >E	Clay 345kV Voltage	Princetown-N.Scot 345	4.2	327.8	327.8	2640
2651 >E	Edic 345kV Voltage	SBK Edic R70	4.3	327.8	328.8	2682
2651 >E	Oakdale 345kV Voltage	Pre-Fault	4.3	NA	335	2651
2654 >E	Edic 345kV Voltage	SBK Princetown 345	4.1	327.8	328.0	2460
2654 >E	Edic 345kV Voltage	Ravenswood 3	4.1	327.8	328.0	2755
2655 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	327.9	2621
2655 >E	Edic 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	327.8	2618
2655 >E	Edic 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.8	2645
2656 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	327.8	2619
2656 >E	Marcy 345kV Voltage	SBK Edic R70	4.1	327.8	327.8	2687
2656 >E	Marcy 345kV Voltage	SBK Princetown 345	4.1	327.8	327.8	2461
2656 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.8	2646
2656 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	327.8	2622
2656 >E	Marcy 345kV Voltage	Ravenswood 3	4.1	327.8	327.8	2757
2656 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	7.7	327.8	335.1	1900
2656 >E	Pannell Road 345kV Voltage	Volney-Marcy	4.3	327.8	333.8	2595
2663 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	7.7	327.8	334.7	1904
2664 >E	Pannell Road 345kV Voltage	SBK Edic R945	7.1	327.8	337.5	1948
2664 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	7.1	327.8	337.5	1948
2665 >E	Clay 345kV Voltage	Ph2 DC 1500	10.1	327.8	333.0	2990
2667 >E	Buchanan North 345kV Voltage	Pre-Fault	37.5	NA	346	2667
2668 >E	Pannell Road 345kV Voltage	Marcy South S.	4.9	327.8	332.1	3187
2669 >E	New Scotland 345kV Voltage Alps	Pre-Fault	10.0	NA	348	2669
2669 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	10.0	NA	348	2669
2669 >E	Edic 345kV Voltage	Ph2 DC 1500	10.0	327.8	334.1	2994

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2672 >E	Oakdale 345kV Voltage	SBK Marcy R3108	4.9	320	338.7	2538
2672 >E	Gilboa 345kV Voltage	Pre-Fault	11.6	NA	348	2672
2673 >E	Gordon Rd 345kV Voltage	Marcy South S.	5.8	327.8	339.4	3189
2673 >E	Marcy 345kV Voltage	Ph2 DC 1500	10.0	327.8	333.9	2997
2677 >E	Station 80 345kV Voltage	Volney-Marcy	5.6	327.8	334.1	2610
2680 >E	Fraser 345kV Voltage	Pre-Fault	5.7	NA	338	2680
2683 >E	Oakdale 345kV Voltage	Volney-Marcy	3.3	320	327.5	2615
2692 >E	Pannell Road 345kV Voltage	SBK Edic R70	6.8	327.8	328.7	2722
2692 >E	St.Lawrence 230kV Voltage	Pre-Fault	14.6	NA	225	2692
2692 >E	Station 80 345kV Voltage	Marcy South S.	6.4	327.8	332.4	3199
2693 >E	Pannell Road 345kV Voltage	SBK Princetown 345	6.7	327.8	328.5	2494
2693 >E	Pannell Road 345kV Voltage	Ravenswood 3	6.7	327.8	328.5	2792
2693 >E	Station 80 345kV Voltage	SBK Edic R945	8.9	327.8	337.9	1965
2693 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	8.9	327.8	337.9	1965
2697 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	6.9	327.8	327.9	2662
2697 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	6.9	327.8	327.9	2659
2697 >E	Oakdale 345kV Voltage	SBK Edic R945	5.2	320	337.2	1968
2697 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	5.2	320	337.2	1968
2697 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	6.9	327.8	327.8	2687
2698 >E	Oakdale 345kV Voltage	Marcy South S.	3.7	320	323.9	3201
2708 >E	Coopers Corners 345kV Voltage	Pre-Fault	8.3	NA	338	2708
2709 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.2	320	321.4	2508
2710 >E	Oakdale 345kV Voltage	Ravenswood 3	4.2	320	321.2	2808
2710 >E	Marcy 345kV Voltage	SBK Marcy R3108	9.8	327.8	327.8	2557
2712 >E	Rock Tavern 345kV Voltage	Pre-Fault	20.9	NA	348	2712
2713 >E	Oakdale 345kV Voltage	SBK Edic R70	4.2	320	320.4	2744
2714 >E	Pleasant Valley 345kV Voltage	Pre-Fault	27.7	NA	348	2714
2714 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	4.3	320	320.3	2679
2714 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	4.3	320	320.2	2675
2715 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	4.3	320	320.1	2704
2719 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	7.4	327.8	333.9	2684
2724 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	12.0	327.8	334.4	1943
2727 >E	Station 80 345kV Voltage	Ravenswood 3	9.0	327.8	328.7	2824
2727 >E	Station 80 345kV Voltage	SBK Edic R70	9.0	327.8	328.7	2757
2728 >E	Station 80 345kV Voltage	SBK Princetown 345	8.9	327.8	328.5	2526
2734 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	9.2	327.8	327.9	2698
2734 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	9.2	327.8	327.9	2694

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2735 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	9.2	327.8	327.8	2724
2738 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	327.8	2698
2738 >E	Fraser 345kV Voltage	Marcy South S.	5.7	327.8	327.8	3220
2738 >E	Fraser 345kV Voltage	Volney-Marcy	5.7	327.8	327.8	2656
2738 >E	Fraser 345kV Voltage	SBK Edic R70	5.7	327.8	327.8	2768
2738 >E	Fraser 345kV Voltage	SBK Princetown 345	5.7	327.8	327.8	2534
2738 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	5.7	327.8	327.8	2727
2738 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	327.8	2702
2738 >E	Fraser 345kV Voltage	Ravenswood 3	5.7	327.8	327.8	2835
2742 >E	Fraser 345kV Voltage	SBK Edic R945	6.9	327.8	342.2	1994
2742 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	6.9	327.8	342.2	1994
2748 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	7.5	327.8	330.4	2707
2749 >E	Buchanan South 345kV Voltage	Pre-Fault	36.4	NA	346	2749
2750 >E	Gordon Rd 345kV Voltage	Volney-Marcy	7.2	327.8	330.1	2666
2752 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	8.0	327.8	329.9	2741
2753 >E	St.Lawrence 230kV Voltage	Volney-Marcy	12.0	218.5	220.9	2668
2754 >E	New Scotland 345kV Voltage Alps	Marcy South S.	7.4	327.8	339.5	3228
2754 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	7.4	327.8	339.5	3228
2755 >E	Gordon Rd 345kV Voltage	Ravenswood 3	8.1	327.8	329.5	2851
2756 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	10.1	327.8	338.6	2580
2756 >E	St.Lawrence 230kV Voltage	Marcy South S.	11.9	218.5	220.6	3229
2758 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	7.9	320	332.2	1964
2763 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	15.6	327.8	332.4	3074
2768 >E	Coopers Corners 345kV Voltage	Ravenswood 3	8.0	327.8	330.9	2863
2776 >E	Coopers Corners 345kV Voltage	SBK Edic R945	10.7	327.8	343.2	2014
2776 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	10.7	327.8	343.2	2014
2776 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	15.2	327.8	334.6	1975
2778 >E	St.Lawrence 230kV Voltage	SBK Edic R70	13.8	218.5	219.2	2808
2778 >E	Gordon Rd 345kV Voltage	SBK Edic R70	8.5	327.8	326.8	2808
2781 >E	St.Lawrence 230kV Voltage	Ravenswood 3	14.5	218.5	218.9	2876
2781 >E	Coopers Corners 345kV Voltage	SBK Edic R70	8.2	327.8	329.2	2811
2782 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	8.1	327.8	329.2	2573
2786 >E	Coopers Corners 345kV Voltage	Volney-Marcy	7.8	327.8	328.7	2693
2787 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	14.6	218.5	218.5	2776
2788 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	14.6	218.5	218.5	2751
2788 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	14.6	218.5	218.5	2746
2788 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	8.2	327.8	328.3	2747
2789 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	14.7	218.5	218.4	2580
2791 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr	8.3	327.8	328.0	2754

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2791 >E	New Scotland 345kV Voltage Alps	Marcy South N.	14.0	327.8	348.1	3536
2791 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	14.0	327.8	348.1	3536
2792 >E	Coopers Corners 345kV Voltage	Princeton-N.Scot 345	8.3	327.8	327.9	2781
2793 >E	Ramapo 500kV Voltage	Ravenswood 3	38.5	500	505.2	2887
2807 >E	Niagara 230kV East Voltage	Pre-Fault	26.4	NA	225	2807
2807 >E	Niagara 230kV West Voltage	Pre-Fault	26.4	NA	225	2807
2810 >E	Gilboa 345kV Voltage	Marcy South S.	9.5	327.8	336.0	3254
2814 >E	Somerset 345kV Voltage	SBK Marcy R3108	12.0	327.8	346.6	2608
2825 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	10.3	327.8	337.3	2006
2825 >E	Station 80 345kV Voltage	Ph2 DC 1500	20.0	327.8	332.6	3127
2825 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	8.6	327.8	332.4	2782
2825 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	8.6	327.8	332.4	2782
2827 >E	Ramapo 345kV Voltage	Pre-Fault	35.7	NA	346	2827
2833 >E	Oakdale 345kV Voltage	Ph2 DC 1500	10.6	320	326.0	3134
2843 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	18.3	327.8	337.6	3142
2844 >E	St.Lawrence 230kV Voltage	Marcy South N.	27.5	218.5	227.2	3575
2847 >E	Leeds 345kV Voltage	Pre-Fault	19.9	NA	345	2847
2848 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	9.0	327.8	330.1	2740
2848 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	9.0	327.8	330.1	2740
2851 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	23.3	218.5	222.2	2626
2852 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	17.1	327.8	337.2	2023
2856 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	9.8	327.8	329.3	2947
2856 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	9.8	327.8	329.3	2947
2864 >E	St.Lawrence 230kV Voltage	SBK Edic R945	23.4	218.5	227.2	2065
2864 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	23.4	218.5	227.2	2065
2869 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	10.0	327.8	328.0	2898
2869 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	10.0	327.8	328.0	2898
2869 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	15.7	327.8	339.6	2034
2871 >E	New Scotland 345kV Voltage Alps	Princeton-N.Scot 345	10.0	327.8	327.7	2860
2871 >E	New Scotland 345kV Voltage Gilb	Princeton-N.Scot 345	10.0	327.8	327.7	2860
2876 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	10.1	327.8	327.3	2838
2876 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	10.1	327.8	327.3	2838
2877 >E	Ladentown 345kV Voltage	Pre-Fault	36.5	NA	346	2877
2887 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	11.0	327.8	329.4	2842
2887 >E	Niagara 230kV East Voltage	Volney-Marcy	20.0	218.5	222.0	2770
2887 >E	Niagara 230kV West Voltage	Volney-Marcy	20.0	218.5	222.0	2770
2897 >E	Gilboa 345kV Voltage	Volney-Marcy	11.2	327.8	328.5	2777
2898 >E	Roseton 345kV Voltage	Pre-Fault	30.7	NA	345	2898

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0G_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2898 >E	Gilboa 345kV Voltage	Ravenswood 3	11.5	327.8	328.4	2987
2900 >E	Fraser 345kV Voltage	SBK Marcy R3108	13.2	327.8	327.8	2651
2906 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	11.6	327.8	327.8	2894
2906 >E	Niagara 230kV East Voltage	Marcy South S.	21.4	218.5	221.2	3299
2906 >E	Niagara 230kV West Voltage	Marcy South S.	21.4	218.5	221.2	3299
2907 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	11.6	327.8	327.7	2868
2907 >E	Gilboa 345kV Voltage	SBK Edic R70	11.6	327.8	327.7	2936
2912 >E	Somerset 345kV Voltage	Volney-Marcy	13.8	327.8	340.2	2788
2917 >E	Gilboa 345kV Voltage	SBK Princetown 345	11.8	327.8	326.8	2693
2917 >E	Watercure 230kV Voltage	Marcy South N.	20.6	207	227.3	3630
2925 >E	Ramapo 500kV Voltage	Ph2 DC 1500	67.3	500	506.1	3212
2926 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	10.9	327.8	322.3	2701
2926 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	10.9	327.8	322.3	2701
2932 >E	Watercure 230kV Voltage	SBK Marcy R3108	15.7	207	226.4	2667
2936 >E	Niagara 230kV East Voltage	SBK Marcy R3108	26.7	218.5	225.6	2669
2936 >E	Niagara 230kV West Voltage	SBK Marcy R3108	26.7	218.5	225.6	2669
2943 >E	Somerset 345kV Voltage	Marcy South N.	21.0	327.8	346.7	3649
2947 >E	Somerset 345kV Voltage	SBK Edic R945	16.6	327.8	343.2	2114
2947 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	16.6	327.8	343.2	2114
2952 >E	Niagara 230kV East Voltage	Ravenswood 3	24.9	218.5	219.5	3038
2952 >E	Niagara 230kV West Voltage	Ravenswood 3	24.9	218.5	219.5	3038
2961 >E	Niagara 230kV East Voltage	SBK Edic R70	25.4	218.5	219.2	2990
2961 >E	Niagara 230kV West Voltage	SBK Edic R70	25.4	218.5	219.2	2990
2968 >E	Niagara 230kV East Voltage	SBK Princetown 345	25.7	218.5	218.9	2738
2968 >E	Niagara 230kV West Voltage	SBK Princetown 345	25.7	218.5	218.9	2738
2971 >E	Bowline 1 345kV Voltage	Pre-Fault	36.4	NA	345	2971
2976 >E	Somerset 345kV Voltage	Marcy South S.	16.5	327.8	338.1	3332
2977 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	26.3	218.5	218.6	2937
2977 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	26.3	218.5	218.6	2937
2977 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	26.3	218.5	218.6	2928
2977 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	26.3	218.5	218.6	2928
2978 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	26.3	218.5	218.5	2966
2978 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	26.3	218.5	218.5	2966
2979 >E	Somerset 345kV Voltage	Pre-Fault	29.8	NA	338	2979
2984 >E	Fraser 345kV Voltage	Ph2 DC 1500	16.8	327.8	327.8	3262
2994 >E	Fraser 345kV Voltage	Marcy South N.	18.4	327.8	327.8	3688
2994 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	51.1	500	505.4	2141
2994 >E	Ramapo 500kV Voltage	SBK Edic R945	51.1	500	505.4	2141

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0G_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3001 >E	Bowline 2 345kV Voltage	Pre-Fault	37.7	NA	345	3001
3003 >E	Ramapo 500kV Voltage	Volney-Marcy	43.5	500	500.6	2857
3012 >E	Dunwoodie 345kV Voltage	Ravenswood 3	35.1	327.8	335.8	3095
3012 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	44.6	500	500.4	2962
3014 >E	Sprain Brook 345kV Voltage	Ravenswood 3	34.9	327.8	335.8	3097
3016 >E	Ramapo 500kV Voltage	SBK Edic R70	44.9	500	500.4	3044
3023 >E	Ramapo 500kV Voltage	SBK Princetown 345	46.3	500	500.2	2787
3023 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	17.0	327.8	335.7	2712
3023 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	17.0	327.8	335.7	2712
3028 >E	Gilboa 345kV Voltage	SBK Edic R945	17.6	327.8	341.3	2160
3028 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	17.6	327.8	341.3	2161
3029 >E	Leeds 345kV Voltage	Marcy South S.	15.7	327.8	335.9	3357
3030 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	46.3	500	500.0	2989
3032 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	46.2	500	500.0	3019
3032 >E	Ramapo 500kV Voltage	Pre-Fault	46.3	NA	500	3032
3033 >E	Rock Tavern 345kV Voltage	Ravenswood 3	19.2	327.8	332.6	3115
3038 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	19.2	327.8	325.6	2719
3068 >E	Millwood 345kV Voltage	Ravenswood 3	30.9	327.8	335.6	3148
3070 >E	Buchanan North 345kV Voltage	Ravenswood 3	31.3	327.8	335.3	3150
3078 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	22.6	327.8	331.4	3342
3097 >E	Watercure 230kV Voltage	SBK Edic R945	21.8	207	230.2	2201
3097 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	21.8	207	230.2	2201
3119 >E	Rock Tavern 345kV Voltage	SBK Edic R70	20.6	327.8	328.5	3146
3121 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	20.5	327.8	328.4	3067
3121 >E	Rock Tavern 345kV Voltage	Volney-Marcy	20.2	327.8	328.4	2947
3124 >E	Buchanan South 345kV Voltage	Ravenswood 3	30.5	327.8	335.7	3202
3124 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	44.1	218.5	223.9	2193
3127 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	20.8	327.8	328.1	2880
3131 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	68.6	500	504.1	2197
3132 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	20.9	327.8	327.8	3089
3133 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	20.9	327.8	327.8	3120
3134 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	20.2	327.8	337.1	2223
3134 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	20.2	327.8	337.1	2223
3134 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	20.2	327.8	337.1	2223
3134 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	20.2	327.8	337.1	2223
3146 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	24.4	327.8	336.8	3400
3146 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	24.4	327.8	336.8	3400
3147 >E	Gilboa 345kV Voltage	Marcy South N.	24.9	327.8	338.3	3802
3159 >E	Gordon Rd 345kV Voltage	SBK Edic R945	21.6	327.8	324.9	2237

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3159 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	26.0	327.8	331.9	3234
3159 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	21.6	327.8	324.9	2237
3181 >E	Pleasant Valley 345kV Voltage	Marcy South S.	26.8	327.8	331.1	3429
3190 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	19.9	327.8	327.8	3133
3190 >E	Leeds 345kV Voltage	SBK Edic R70	19.9	327.8	327.8	3217
3190 >E	Leeds 345kV Voltage	SBK Princetown 345	19.9	327.8	327.8	2936
3190 >E	Leeds 345kV Voltage	Volney-Marcy	19.9	327.8	327.8	2999
3190 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	19.9	327.8	327.8	3145
3190 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	19.9	327.8	327.8	3176
3190 >E	Leeds 345kV Voltage	Ravenswood 3	19.9	327.8	327.8	3264
3198 >E	Gilboa 345kV Voltage	SBK Marcy R3108	23.7	327.8	330.7	2798
3205 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	24.6	327.8	336.2	2244
3206 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	55.7	218.5	222.8	3451
3207 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	28.3	327.8	337.7	2245
3211 >E	Somerset 345kV Voltage	Ravenswood 3	27.3	327.8	330.2	3284
3223 >E	Ramapo 345kV Voltage	Ravenswood 3	30.2	327.8	334.9	3295
3228 >E	Somerset 345kV Voltage	SBK Edic R70	27.9	327.8	329.7	3255
3235 >E	Somerset 345kV Voltage	SBK Princetown 345	27.9	327.8	329.4	2976
3236 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	26.3	327.8	329.1	3178
3245 >E	Ladentown 345kV Voltage	Ravenswood 3	30.1	327.8	335.9	3316
3267 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	27.5	327.8	328.0	3293
3269 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	27.3	327.8	327.9	3059
3274 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	27.7	327.8	327.8	3260
3275 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	29.5	327.8	328.1	3229
3276 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	29.5	327.8	328.1	3216
3278 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	27.8	327.8	327.6	3232
3281 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	29.7	327.8	327.9	3267
3291 >E	Bowline 1 345kV Voltage	Ravenswood 3	30.0	327.8	336.2	3360
3295 >E	Roseton 345kV Voltage	Ravenswood 3	28.4	327.8	332.0	3364
3304 >E	Bowline 2 345kV Voltage	Ravenswood 3	29.9	327.8	336.9	3373
3311 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	28.6	327.8	326.4	3043
3317 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	35.0	327.8	328.7	3256
3320 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	36.1	327.8	328.6	3259
3322 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	40.9	327.8	328.5	3260
3322 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	40.7	327.8	328.5	3261
3326 >E	Buchanan North 345kV Voltage	SBK Edic R70	36.6	327.8	328.4	3353
3327 >E	Rock Tavern 345kV Voltage	SBK Edic R945	31.0	327.8	341.6	2335
3327 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	31.0	327.8	341.6	2335

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0G_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3332 >E	Millwood 345kV Voltage	SBK Edic R70	35.8	327.8	328.3	3358
3336 >E	Dunwoodie 345kV Voltage	SBK Edic R70	41.9	327.8	328.2	3362
3336 >E	Sprain Brook 345kV Voltage	SBK Edic R70	41.7	327.8	328.2	3362
3337 >E	Ramapo 500kV Voltage	Marcy South S.	83.6	500	493.4	3502
3348 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	28.0	327.8	330.3	2334
3348 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	28.0	327.8	330.3	2334
3350 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	37.5	327.8	327.8	3336
3350 >E	Buchanan North 345kV Voltage	Volney-Marcy	37.3	327.8	327.8	3120
3352 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	36.6	327.8	327.8	3337
3352 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	37.6	327.8	327.7	3305
3354 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	42.7	327.8	327.8	3340
3355 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	42.4	327.8	327.8	3340
3356 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	36.7	327.8	327.7	3308
3358 >E	Niagara 345kV Voltage	SBK Marcy R3108	28.4	327.8	355.9	2877
3358 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	42.8	327.8	327.7	3311
3359 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	42.6	327.8	327.7	3311
3361 >E	Millwood 345kV Voltage	Volney-Marcy	36.7	327.8	327.5	3129
3364 >E	Buchanan North 345kV Voltage	SBK Princetown 345	38.1	327.8	327.4	3091
3366 >E	Gilboa 345kV Voltage	Ph2 DC 1500	31.6	327.8	331.5	3587
3367 >E	Dunwoodie 345kV Voltage	Volney-Marcy	43.0	327.8	327.5	3133
3368 >E	Sprain Brook 345kV Voltage	Volney-Marcy	42.8	327.8	327.5	3134
3375 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	34.9	327.8	328.8	3312
3382 >E	Somerset 345kV Voltage	Ph2 DC 1500	37.8	327.8	334.0	3601
3382 >E	Millwood 345kV Voltage	SBK Princetown 345	37.5	327.8	327.0	3107
3385 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	43.8	327.8	327.0	3110
3386 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	43.5	327.8	327.1	3110
3386 >E	Buchanan South 345kV Voltage	SBK Edic R70	35.5	327.8	328.5	3412
3401 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	29.8	327.8	328.6	3337
3412 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	36.4	327.8	327.8	3398
3414 >E	Roseton 345kV Voltage	SBK Edic R70	30.4	327.8	328.2	3439
3414 >E	Gardenville 230kV Voltage	SBK Marcy R3108	32.6	207	224.2	2905
3416 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	36.6	327.8	327.7	3367
3418 >E	Roseton 345kV Voltage	Volney-Marcy	30.2	327.8	328.0	3172
3421 >E	Buchanan South 345kV Voltage	Volney-Marcy	36.6	327.8	327.6	3174
3425 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	30.7	327.8	327.8	3411
3428 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr	30.8	327.8	327.7	3379

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\0G_CAP\Sum2023_CEVC_PH2_00_0G_CAP.xlsx

1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3439 >E	Buchanan South 345kV Voltage	SBK Princetown 345	37.3	327.8	327.1	3157
3442 >E	Roseton 345kV Voltage	SBK Princetown 345	31.1	327.8	327.3	3160
3443 >E	Leeds 345kV Voltage	Marcy South N.	32.3	327.8	343.6	4024
3444 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	34.5	327.8	328.7	3378
3446 >E	Ramapo 345kV Voltage	SBK Edic R70	34.7	327.8	328.7	3471
3473 >E	Ramapo 345kV Voltage	Volney-Marcy	35.4	327.8	327.9	3213
3476 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	35.7	327.8	327.8	3461
3478 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	35.8	327.8	327.8	3428
3480 >E	Ramapo 500kV Voltage	SBK Marcy R3108	98.2	500	501.6	2937
3486 >E	Ramapo 345kV Voltage	SBK Princetown 345	36.1	327.8	327.5	3199
3498 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	34.9	327.8	329.0	3431
3499 >E	Ladentown 345kV Voltage	SBK Edic R70	35.1	327.8	328.9	3524
3503 >E	Niagara 230kV East Voltage	SBK Edic R945	67.2	218.5	228.2	2438
3503 >E	Niagara 230kV West Voltage	SBK Edic R945	67.2	218.5	228.2	2438
3503 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	67.2	218.5	228.2	2438
3503 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	67.2	218.5	228.2	2438
3524 >E	Niagara 345kV Voltage	SBK Edic R945	32.9	327.8	347.5	2450
3524 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	32.9	327.8	347.5	2450
3527 >E	Gardenville 230kV Voltage	Volney-Marcy	35.0	207	218.8	3255
3540 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	36.5	327.8	327.8	3525
3543 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	36.6	327.8	327.7	3492
3549 >E	Ladentown 345kV Voltage	Volney-Marcy	36.6	327.8	327.6	3271
3553 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	34.8	327.8	329.0	3483
3553 >E	Bowline 1 345kV Voltage	SBK Edic R70	35.0	327.8	329.0	3578
3559 >E	Ladentown 345kV Voltage	SBK Princetown 345	37.1	327.8	327.3	3264
3582 >E	Ramapo 500kV Voltage	Marcy South N.	119.9	500	502.7	4128
3583 >E	Bowline 2 345kV Voltage	SBK Edic R70	35.5	327.8	329.5	3607
3591 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	35.7	327.8	329.3	3520
3597 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	36.4	327.8	327.8	3581
3599 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	36.5	327.8	327.7	3547
3606 >E	Bowline 1 345kV Voltage	Volney-Marcy	36.5	327.8	327.6	3314
3606 >E	Buchanan North 345kV Voltage	SBK Edic R945	52.3	327.8	336.8	2498
3606 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	52.3	327.8	336.8	2498
3615 >E	Gardenville 230kV Voltage	Marcy South S.	38.8	207	217.4	3633
3617 >E	Bowline 1 345kV Voltage	SBK Princetown 345	37.1	327.8	327.3	3315
3638 >E	Millwood 345kV Voltage	Marcy South S.	50.5	327.8	320.0	3644
3643 >E	Gardenville 230kV Voltage	Pre-Fault	62.6	NA	217	3643

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3643 >E	Coopers Corners 345kV Voltage	Marcy South N.	39.8	327.8	305.8	4174
3644 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	44.0	327.8	336.6	2519
3646 >E	Dunwoodie 345kV Voltage	Marcy South S.	58.7	327.8	320.9	3648
3647 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	37.6	327.8	327.8	3631
3650 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	37.7	327.8	327.8	3597
3657 >E	Sprain Brook 345kV Voltage	Marcy South S.	58.8	327.8	320.7	3653
3660 >E	Niagara 345kV Voltage	Marcy South N.	41.2	327.8	350.7	4187
3674 >E	Bowline 2 345kV Voltage	Volney-Marcy	38.4	327.8	327.1	3366
3675 >E	Bowline 2 345kV Voltage	SBK Princeton 345	38.6	327.8	327.1	3367
3684 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	46.3	207	227.6	2544
3699 >E	Roseton 345kV Voltage	Marcy South S.	40.5	327.8	318.9	3673
3709 >E	Niagara 230kV East Voltage	Marcy South N.	84.3	218.5	230.6	4224
3709 >E	Niagara 230kV West Voltage	Marcy South N.	84.3	218.5	230.6	4224
3743 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	48.6	327.8	340.5	2578
3743 >E	Ramapo 345kV Voltage	SBK Edic R945	48.6	327.8	340.5	2578
3750 >E	Sprain Brook 345kV Voltage	SBK Edic R945	64.5	327.8	333.1	2582
3750 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	64.5	327.8	333.1	2582
3773 >E	Dunwoodie 345kV Voltage	SBK Edic R945	66.1	327.8	333.0	2595
3773 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	66.2	327.8	333.0	2595
3814 >E	Pleasant Valley 345kV Voltage	Marcy South N.	55.7	327.8	338.0	4303
3817 >E	Millwood 345kV Voltage	SBK Edic R945	59.3	327.8	334.9	2621
3817 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	59.3	327.8	334.9	2621
3820 >E	Buchanan South 345kV Voltage	SBK Edic R945	55.6	327.8	336.9	2623
3820 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	55.6	327.8	336.9	2623
3848 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	49.0	327.8	325.5	3119
3849 >E	Ladentown 345kV Voltage	SBK Edic R945	50.0	327.8	341.0	2640
3849 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	50.0	327.8	341.0	2640
3860 >E	Watercure 230kV Voltage	Volney-Marcy	51.4	207	242.2	3506
3887 >E	Leeds 345kV Voltage	SBK Marcy R3108	44.1	327.8	327.8	3138
3910 >E	Buchanan South 345kV Voltage	Marcy South S.	57.2	327.8	314.1	3772
3917 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	68.8	327.8	333.5	4056
3924 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	49.8	327.8	341.9	2683
3924 >E	Bowline 1 345kV Voltage	SBK Edic R945	49.8	327.8	341.9	2683
3934 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	53.5	327.8	332.1	4071
3944 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	74.4	327.8	331.0	4080
3951 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	69.6	327.8	333.1	2711
3952 >E	Bowline 2 345kV Voltage	SBK Edic R945	50.0	327.8	343.2	2700
3952 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	50.0	327.8	343.2	2700
3971 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	76.2	327.8	331.0	4103
3983 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	57.3	327.8	327.7	3186

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3988 >E	Niagara 345kV Voltage	Volney-Marcy	48.2	327.8	357.9	3604
4031 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	80.3	327.8	326.3	3209
4038 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	81.3	327.8	326.2	3213
4041 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	80.1	327.8	330.0	2767
4053 >E	Millwood 345kV Voltage	Ph2 DC 1500	70.3	327.8	332.3	4172
4072 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	82.2	327.8	329.9	2786
4072 >E	Gardenville 230kV Voltage	Ravenswood 3	55.4	207	210.1	4103
4091 >E	Gardenville 230kV Voltage	SBK Edic R945	58.4	207	227.4	2781
4091 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	58.4	207	227.4	2781
4103 >E	Gardenville 230kV Voltage	Marcy South N.	63.3	207	228.2	4519
4108 >E	Buchanan North 345kV Voltage	Marcy South S.	69.0	327.8	307.6	3865
4113 >E	Roseton 345kV Voltage	SBK Edic R945	57.2	327.8	337.9	2794
4113 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	57.2	327.8	337.9	2794
4119 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	69.0	327.8	333.7	4228
4133 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	62.0	327.8	333.3	2805
4133 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	62.0	327.8	333.3	2805
4138 >E	Gardenville 230kV Voltage	SBK Edic R70	57.9	207	209.1	4158
4141 >E	Gardenville 230kV Voltage	SBK Princetown 345	58.1	207	209.0	3781
4173 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	76.0	327.8	331.0	2850
4190 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	117.1	218.5	225.0	2861
4190 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	117.1	218.5	225.0	2861
4195 >E	Millwood 345kV Voltage	SBK Marcy R3108	77.7	327.8	326.2	3291
4202 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	67.7	327.8	335.8	2868
4211 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	56.8	327.8	340.6	2874
4211 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	66.5	327.8	332.3	4307
4219 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	73.1	327.8	332.7	2879
4239 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	82.2	327.8	326.6	3312
4242 >E	Ramapo 345kV Voltage	Ph2 DC 1500	69.7	327.8	335.4	4333
4246 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	61.8	207	207.4	4151
4246 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	61.8	207	207.4	4182
4262 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	62.4	207	207.1	4242
4310 >E	Ladentown 345kV Voltage	Ph2 DC 1500	68.5	327.8	336.5	4391
4346 >E	Rock Tavern 345kV Voltage	Marcy South S.	55.8	327.8	269.6	3978
4350 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	69.6	327.8	336.1	2961
4379 >E	Roseton 345kV Voltage	SBK Marcy R3108	66.4	327.8	326.4	3382
4394 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	61.4	327.8	327.8	2958
4394 >E	Leeds 345kV Voltage	Ph2 DC 1500	61.4	327.8	327.8	4462
4394 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	61.4	327.8	327.8	2988
4394 >E	Leeds 345kV Voltage	SBK Edic R945	61.4	327.8	327.8	2958
4417 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	68.4	327.8	337.0	4482

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4424 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	82.0	327.8	326.2	3404
4437 >E	Rainey 345kV Voltage	Ravenswood 3	87.2	327.8	341.4	4449
4447 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	68.3	327.8	338.8	4508
4457 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	69.5	327.8	336.7	3027
4507 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	76.5	327.8	328.8	3059
4518 >E	Coopers Corners 345kV Voltage	Marcy South S.	46.7	327.8	119.7	4059
4542 >E	Farragut 345kV Voltage	Ravenswood 3	91.9	327.8	340.6	4549
4547 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	71.6	327.8	337.9	3084
4576 >E	Niagara 345kV Voltage	Marcy South S.	68.4	327.8	358.5	4086
4579 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	74.3	327.8	332.8	3104
4630 >E	Roseton 345kV Voltage	Ph2 DC 1500	75.9	327.8	332.2	4663
4632 >E	Roseton 345kV Voltage	Marcy South N.	77.5	327.8	333.0	4916
4653 >E	Millwood 345kV Voltage	Marcy South N.	101.6	327.8	331.5	4931
4691 >E	Niagara 230kV East Voltage	Ph2 DC 1500	158.1	218.5	222.7	4715
4691 >E	Niagara 230kV West Voltage	Ph2 DC 1500	158.1	218.5	222.7	4715
4721 >E	Niagara 345kV Voltage	Ph2 DC 1500	76.9	327.8	335.4	4741
4727 >E	Dunwoodie 345kV Voltage	Marcy South N.	120.4	327.8	330.5	4987
4729 >E	Ramapo 345kV Voltage	SBK Marcy R3108	87.0	327.8	326.1	3554
4738 >E	Sprain Brook 345kV Voltage	Marcy South N.	120.2	327.8	330.5	4995
4801 >E	Ladentown 345kV Voltage	Marcy South S.	79.8	327.8	293.2	4192
4818 >E	Ramapo 345kV Voltage	Marcy South S.	82.0	327.8	290.2	4200
4838 >E	Rock Tavern 345kV Voltage	Marcy South N.	82.6	327.8	318.0	5070
4900 >E	Rainey 345kV Voltage	Pre-Fault	138.0	NA	338	4900
4909 >E	Farragut 345kV Voltage	Pre-Fault	143.1	NA	338	4909
5024 >E	Ladentown 345kV Voltage	SBK Marcy R3108	94.2	327.8	326.0	3700
5032 >E	Buchanan South 345kV Voltage	Marcy South N.	109.7	327.8	330.4	5216
5053 >E	Buchanan North 345kV Voltage	Marcy South N.	120.1	327.8	327.5	5231
5067 >E	Watercure 230kV Voltage	Ph2 DC 1500	105.3	207	221.4	5036
5167 >E	Bowline 1 345kV Voltage	Marcy South S.	88.4	327.8	284.7	4365
5188 >E	Bowline 2 345kV Voltage	Marcy South S.	87.8	327.8	286.9	4374
5342 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	106.6	207	222.2	3581
5381 >E	Goethals 345kV Voltage	Ravenswood 3	125.3	327.8	339.4	5346
5450 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	104.3	327.8	325.4	3910
5478 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	103.7	327.8	325.8	3924
5648 >E	Goethals 345kV Voltage	Pre-Fault	193.8	NA	338	5648
5839 >E	Ramapo 345kV Voltage	Marcy South N.	128.8	327.8	324.2	5821
5960 >E	Watercure 230kV Voltage	Marcy South S.	131.9	207	258.7	4738
6117 >E	Ladentown 345kV Voltage	Marcy South N.	134.5	327.8	326.4	6029
6152 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	132.3	327.8	328.9	5987
6211 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	137.2	327.8	328.9	6043
6235 >E	Rainey 345kV Voltage	SBK Edic R70	135.5	327.8	328.3	6240

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6294 >E	Farragut 345kV Voltage	SBK Edic R70	140.5	327.8	328.3	6299
6311 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	138.1	327.8	327.8	6278
6327 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	138.7	327.8	327.7	6222
6358 >E	Rainey 345kV Voltage	Volney-Marcy	139.6	327.8	327.4	5399
6372 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	143.2	327.8	327.8	6339
6389 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	143.8	327.8	327.7	6283
6420 >E	Farragut 345kV Voltage	Volney-Marcy	144.8	327.8	327.4	5446
6426 >E	Rainey 345kV Voltage	SBK Princetown 345	141.9	327.8	326.9	5812
6490 >E	Farragut 345kV Voltage	SBK Princetown 345	147.2	327.8	327.0	5869
6731 >E	Bowline 1 345kV Voltage	Marcy South N.	149.0	327.8	326.2	6489
6769 >E	Bowline 2 345kV Voltage	Marcy South N.	148.1	327.8	326.2	6518
6929 >E	Gardenville 230kV Voltage	Ph2 DC 1500	165.4	207	215.7	6620
7414 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	185.7	327.8	328.9	7202
7528 >E	Goethals 345kV Voltage	SBK Edic R70	190.3	327.8	328.3	7525
7631 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	194.0	327.8	327.8	7590
7654 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	194.9	327.8	327.7	7523
7708 >E	Goethals 345kV Voltage	Volney-Marcy	196.7	327.8	327.4	6422
7788 >E	Goethals 345kV Voltage	SBK Princetown 345	199.6	327.8	327.0	7023
7825 >E	Rainey 345kV Voltage	Marcy South S.	194.0	327.8	316.8	5617
7916 >E	Farragut 345kV Voltage	Marcy South S.	201.3	327.8	317.0	5660
8362 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	214.3	327.8	336.5	5272
8364 >E	Rainey 345kV Voltage	SBK Edic R945	214.3	327.8	336.5	5273
8459 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	222.3	327.8	336.4	5329
8459 >E	Farragut 345kV Voltage	SBK Edic R945	222.3	327.8	336.4	5329
9016 >E	Rainey 345kV Voltage	Ph2 DC 1500	238.3	327.8	334.4	8397
9099 >E	Farragut 345kV Voltage	Ph2 DC 1500	246.4	327.8	334.4	8468
9730 >E	Goethals 345kV Voltage	Marcy South S.	274.4	327.8	316.9	6514
9825 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	268.1	327.8	331.9	6388
9949 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	278.3	327.8	331.8	6465
10047 >E	Rainey 345kV Voltage	SBK Marcy R3108	277.0	327.8	325.3	6181
10192 >E	Farragut 345kV Voltage	SBK Marcy R3108	288.2	327.8	325.4	6253
10448 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	302.4	327.8	336.4	6489
10448 >E	Goethals 345kV Voltage	SBK Edic R945	302.4	327.8	336.4	6489
11026	Goethals 345kV Voltage	Ph2 DC 1500	324.5	327.8	335.1	10109

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0G_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
11331	Northport 138kV Voltage	Pre-Fault	984.8	NA	135	11331
>E						
12434	Goethals 345kV Voltage	Marcy-N.Scot99 345	378.3	327.8	332.0	8021
>E						
12690	Northport 138kV Voltage	Ravenswood 3	807.2	131.1	133.6	12289
>E						
12865	Goethals 345kV Voltage	SBK Marcy R3108	395.7	327.8	325.1	7573
>E						
13008	Rainey 345kV Voltage	Marcy South N.	387.6	327.8	331.8	11196
>E						
13156	Farragut 345kV Voltage	Marcy South N.	401.2	327.8	331.8	11307
>E						
14728	Northport 138kV Voltage	N.Scot-Leeds 345	950.2	131.1	131.6	14247
>E						
14976	Northport 138kV Voltage	SBK Edic R70	969.8	131.1	131.3	14919
>E						
15179	Northport 138kV Voltage	Princetown-N.Scot 345	985.4	131.1	131.1	15091
>E						
15227	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	989.1	131.1	131.0	14950
>E						
15370	Northport 138kV Voltage	Volney-Marcy	999.8	131.1	130.9	12226
>E						
15492	Northport 138kV Voltage	SBK Princetown 345	1009.2	131.1	130.8	13871
>E						
16911	Goethals 345kV Voltage	Marcy South N.	552.0	327.8	331.5	14122
>E						
17286	Niagara 345kV Voltage	Ravenswood 3	515.3	327.8	369.6	16655
>E						
18736	Northport 138kV Voltage	Marcy South S.	1264.6	131.1	127.5	10758
>E						
28868	Niagara 345kV Voltage	SBK Edic R70	916.6	327.8	379.8	28712
>E						
42274	Northport 138kV Voltage	Marcy South N.	3131.7	131.1	132.6	33138
>E						
46583	Niagara 345kV Voltage	SBK Princetown 345	1524.6	327.8	395.4	41506
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

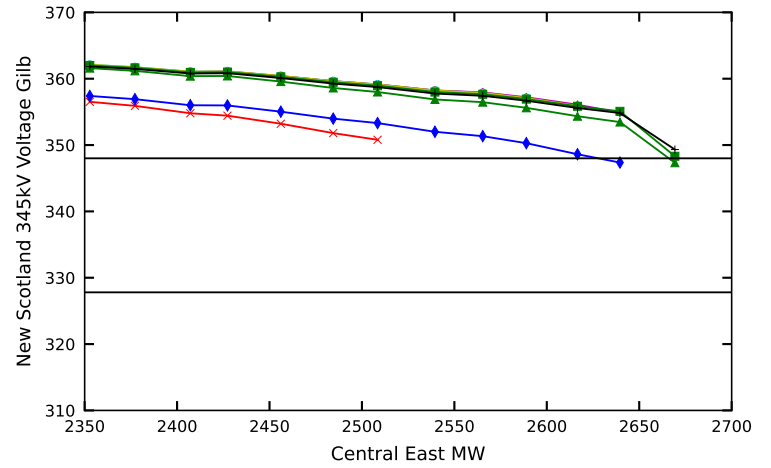
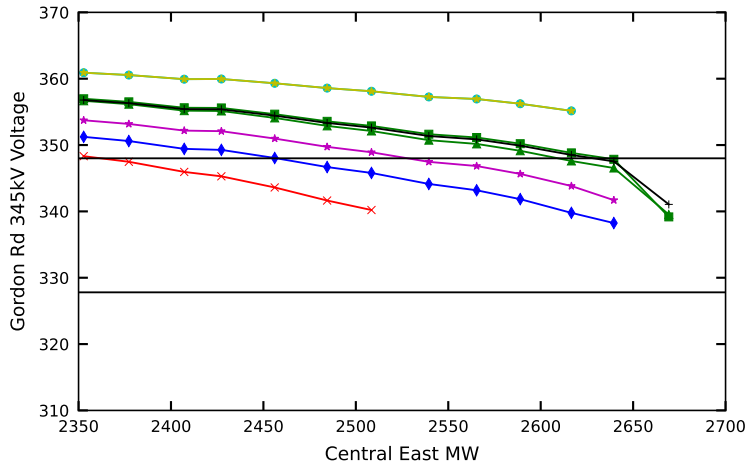
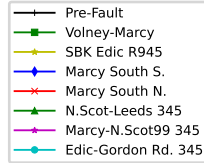
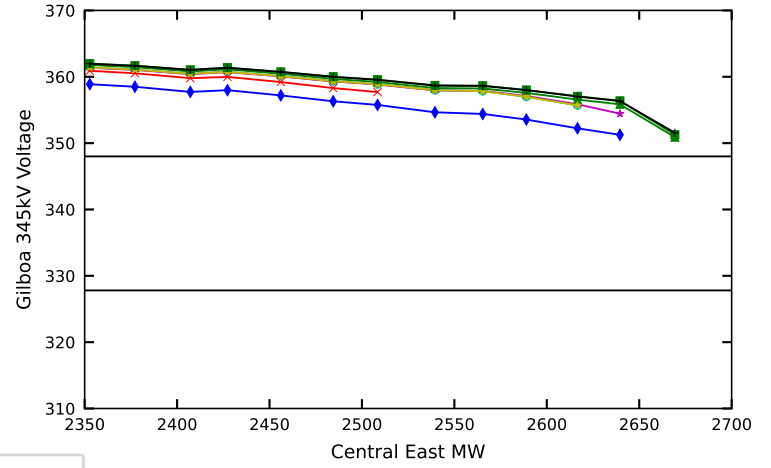
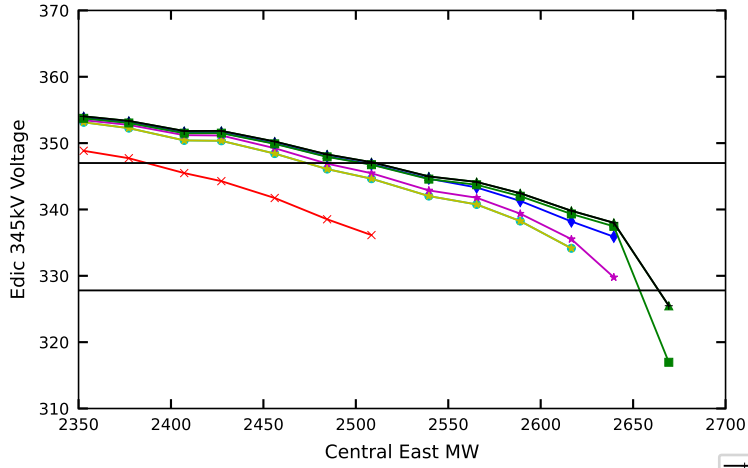
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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0G_CAP

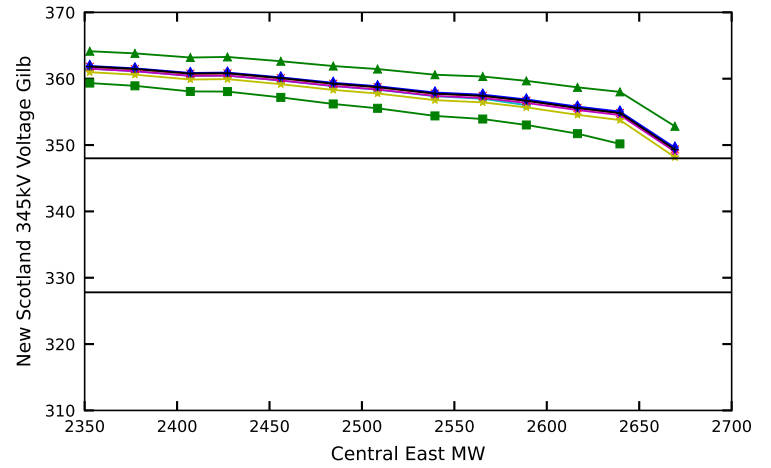
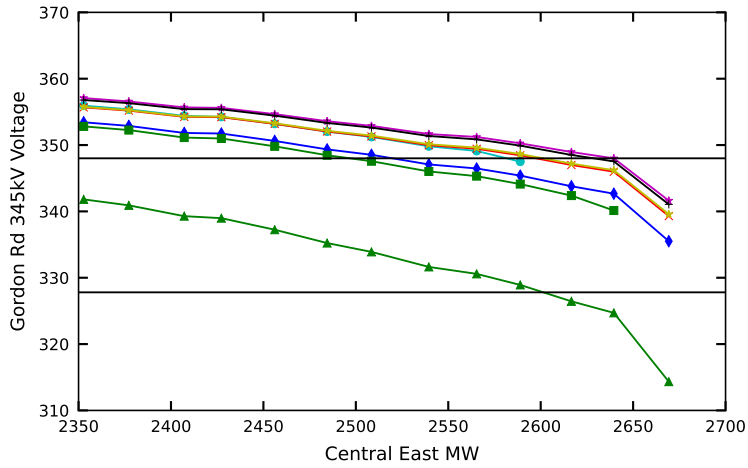
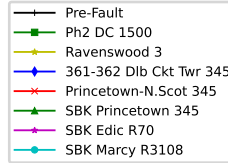
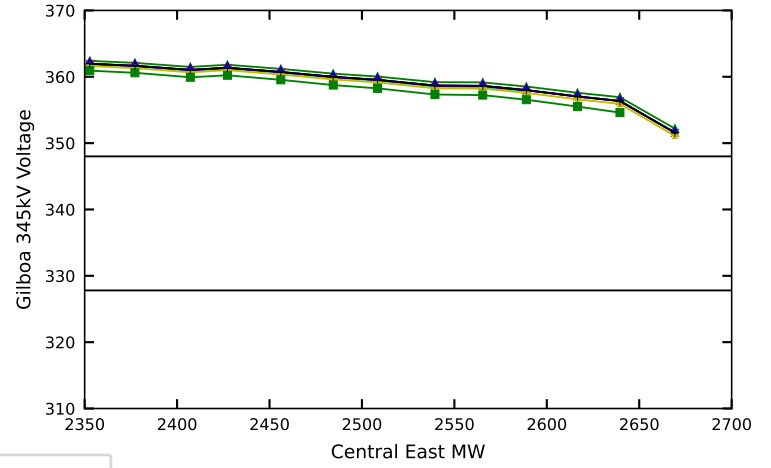
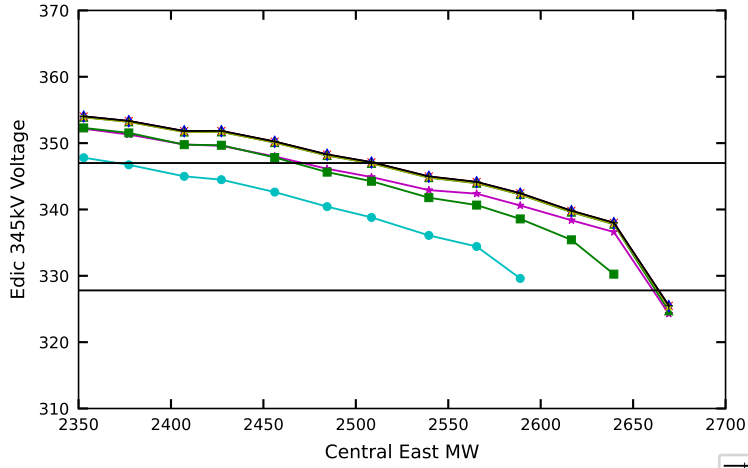
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

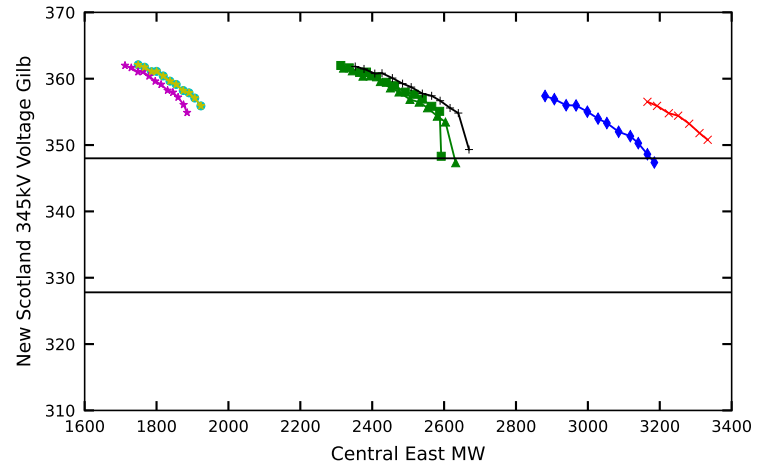
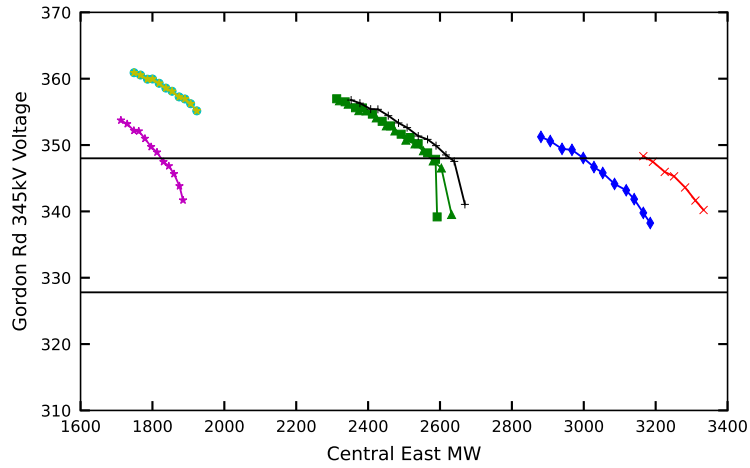
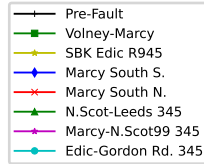
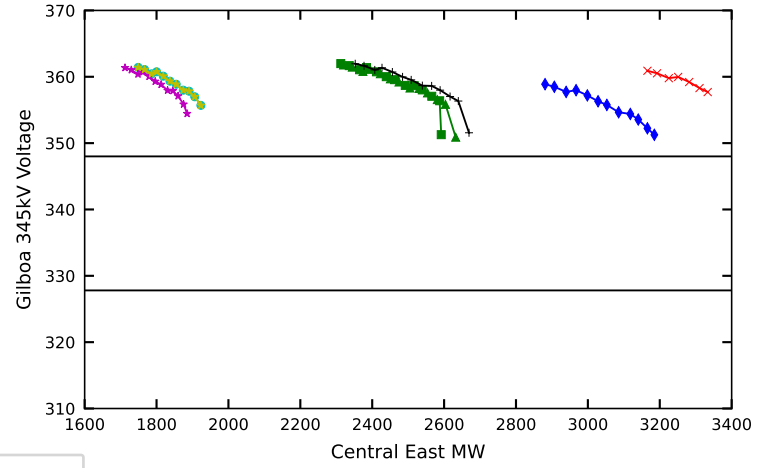
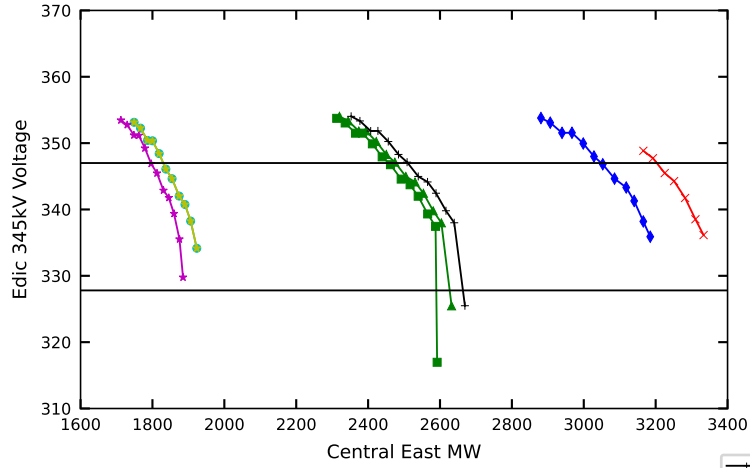
1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS Figure 1



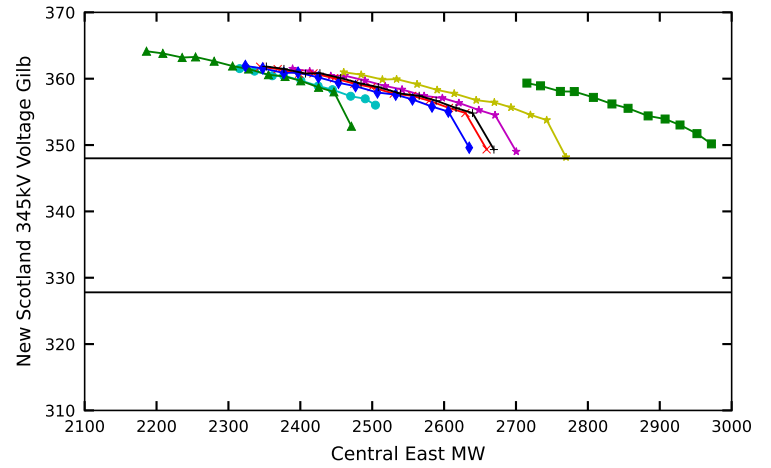
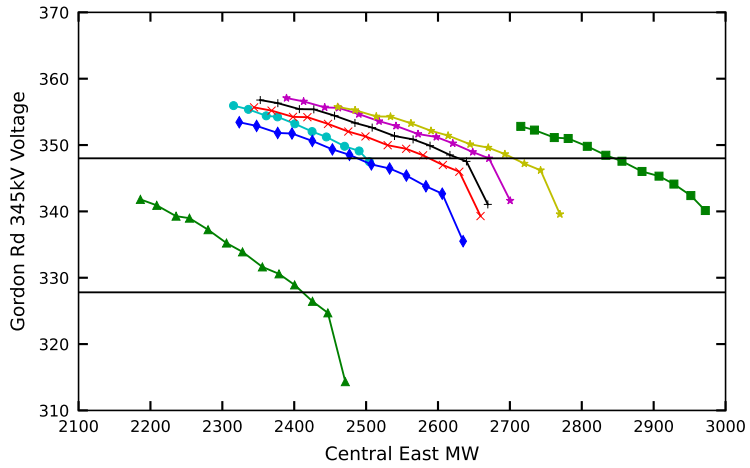
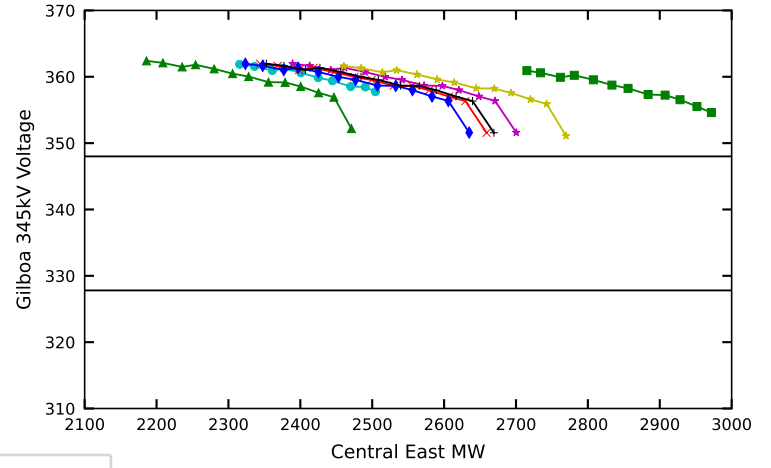
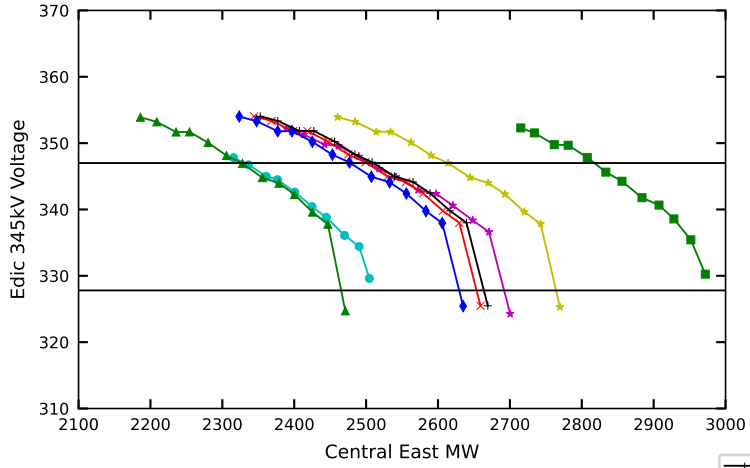
1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS Figure 2



1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS Figure 1



1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS Figure 2



- Pre-Fault
- Ph2 DC 1500
- ▲ Ravenswood 3
- ◆ 361-362 Dlb Ckt Twr 345
- × Princetown-N.Scot 345
- ▲ SBK Princetown 345
- ◆ SBK Edic R70
- SBK Marcy R3108

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\0L_CAPS\Sum2023_CEVC_PH2_00_0L_CAPS.xlsx

1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2352	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2377	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2407	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2427	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2456	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2484	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2508	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2539	t8	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2565	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2588	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2616	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	1															
2639	t1	0	1	0	0	2	0	1	0	2	0	0	0	0	0	0
	2															
2669	t1	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2
	3															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\0L_CAPS\Sum2023_CEVC_PH2_00_0L_CAPS.xlsx

1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	1	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	1	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	2
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	1	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2249 <E	Dunwoodie 345kV Voltage	Pre-Fault	115.1	NA	348	2249
2260 <E	Sprain Brook 345kV Voltage	Pre-Fault	115.3	NA	348	2260
2383	limit with 5% margin	Marcy South N.	NA	NA	NA	3166
2459	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2379
2485	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1827
2485	limit with 5% margin	SBK Edic R945	NA	NA	NA	1827
2493	Marcy 345kV Voltage	Pre-Fault	20.6	NA	348	2493
2496	Pannell Road 345kV Voltage	Pre-Fault	37.8	NA	346	2496
2500	Station 80 345kV Voltage	Pre-Fault	38.8	NA	346	2500
2502	Clay 345kV Voltage	Pre-Fault	22.8	NA	345	2502
2507	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1790
2507	limit with 5% margin	Marcy South S.	NA	NA	NA	3025
2507	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2823
2510	Edic 345kV Voltage	Pre-Fault	14.4	NA	347	2510
2535	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2500
2535	limit with 5% margin	Volney-Marcy	NA	NA	NA	2462
2535	limit with 5% margin	SBK Edic R70	NA	NA	NA	2565
2535	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2347
2535	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2526
2535	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2503
2535	limit with 5% margin	Ravenswood 3	NA	NA	NA	2631
2565 >E	Clay 345kV Voltage	Marcy South N.	10.7	327.8	342.2	3387
2588	Clay 345kV Voltage	SBK Marcy R3108	4.3	327.8	340.7	2504
2592 >E	Edic 345kV Voltage	Marcy South N.	10.1	327.8	343.0	3412
2597 >E	Marcy 345kV Voltage	Marcy South N.	10.1	327.8	342.9	3417
2597 >E	Edic 345kV Voltage	SBK Marcy R3108	4.9	327.8	341.8	2509
2601	Gordon Rd 345kV Voltage	SBK Princetown 345	11.2	327.8	349.3	2411
2628	Gordon Rd 345kV Voltage	Pre-Fault	23.6	NA	348	2628
2640 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	336.4	1885
2644	Clay 345kV Voltage	Volney-Marcy	1.2	327.8	334.3	2588
2647 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	337.4	1888
2648 >E	Clay 345kV Voltage	Ph2 DC 1500	4.6	327.8	335.8	2980
2649 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	7.4	327.8	340.6	2541
2650 >E	Edic 345kV Voltage	Ph2 DC 1500	4.4	327.8	337.1	2981
2650	Millwood 345kV Voltage	Pre-Fault	15.4	NA	348	2650
2650 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	337.2	1889
2651 >E	Marcy 345kV Voltage	Ph2 DC 1500	4.4	327.8	337.2	2982
2653 >E	Clay 345kV Voltage	SBK Edic R945	7.4	327.8	335.1	1946
2653 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	7.4	327.8	335.1	1946
2653	Edic 345kV Voltage	Volney-Marcy	1.5	327.8	332.1	2589

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2654	Marcy 345kV Voltage	Volney-Marcy	1.5	327.8	331.7	2589
2657	Clay 345kV Voltage	SBK Edic R70	2.4	327.8	329.0	2688
2658	Clay 345kV Voltage	SBK Princetown 345	2.3	327.8	328.8	2461
2658 >E	Marcy 345kV Voltage	SBK Edic R945	6.7	327.8	335.9	1949
2658 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	335.9	1949
2659	Clay 345kV Voltage	Ravenswood 3	2.4	327.8	328.3	2760
2659 >E	Edic 345kV Voltage	SBK Edic R945	6.7	327.8	335.7	1949
2659 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	335.7	1949
2660	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	327.9	2626
2660	Clay 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	327.9	2623
2660	Clay 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	327.8	2650
2660	Edic 345kV Voltage	SBK Edic R70	2.4	327.8	329.1	2691
2662	Edic 345kV Voltage	SBK Princetown 345	2.3	327.8	328.4	2465
2663	Marcy 345kV Voltage	SBK Princetown 345	2.3	327.8	328.2	2466
2663	Edic 345kV Voltage	Ravenswood 3	2.4	327.8	328.0	2764
2663	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	327.9	2629
2663	Edic 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	327.8	2626
2663	Edic 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	327.8	2653
2664	Marcy 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	327.8	2627
2664	Marcy 345kV Voltage	SBK Edic R70	2.4	327.8	327.8	2695
2664	Marcy 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	327.8	2653
2664	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	327.8	2629
2664	Marcy 345kV Voltage	Ravenswood 3	2.4	327.8	327.8	2764
2664	Oakdale 345kV Voltage	Pre-Fault	2.7	NA	335	2664
2664	Pannell Road 345kV Voltage	Volney-Marcy	2.4	327.8	336.0	2591
2673 >E	Buchanan North 345kV Voltage	Pre-Fault	16.8	NA	346	2673
2676 >E	New Scotland 345kV Voltage Alps	Pre-Fault	5.4	NA	348	2676
2676 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	5.4	NA	348	2676
2677 >E	Oakdale 345kV Voltage	Volney-Marcy	1.8	320	329.8	2593
2678 >E	Station 80 345kV Voltage	Volney-Marcy	3.3	327.8	337.1	2593
2681 >E	Station 80 345kV Voltage	SBK Marcy R3108	9.0	327.8	340.5	2560
2682 >E	Fraser 345kV Voltage	Pre-Fault	3.3	NA	338	2682
2686 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	337.8	1905
2689 >E	St.Lawrence 230kV Voltage	Pre-Fault	9.2	NA	225	2689
2691 >E	Gilboa 345kV Voltage	Pre-Fault	6.2	NA	348	2691
2693 >E	Pannell Road 345kV Voltage	Marcy South N.	17.7	327.8	340.8	3508
2696 >E	Coopers Corners 345kV Voltage	Pre-Fault	4.7	NA	338	2696
2696 >E	Rock Tavern 345kV Voltage	Pre-Fault	10.9	NA	348	2696

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2696 >E	Pleasant Valley 345kV Voltage	Pre-Fault	12.8	NA	348	2696
2699 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.6	320	321.8	2495
2700 >E	Oakdale 345kV Voltage	Ravenswood 3	2.6	320	321.2	2798
2701 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	4.2	327.8	334.1	2666
2702 >E	St.Lawrence 230kV Voltage	Volney-Marcy	5.4	218.5	223.6	2596
2703 >E	Oakdale 345kV Voltage	SBK Edic R70	2.6	320	320.4	2733
2703 >E	Pannell Road 345kV Voltage	SBK Princetown 345	5.2	327.8	329.1	2498
2703 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.6	320	320.3	2668
2703 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.6	320	320.2	2664
2703 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	7.6	327.8	336.8	3027
2703 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.7	320	320.1	2693
2705 >E	Pannell Road 345kV Voltage	SBK Edic R70	5.5	327.8	328.7	2736
2706 >E	Pannell Road 345kV Voltage	Ravenswood 3	5.5	327.8	328.5	2803
2708 >E	Gordon Rd 345kV Voltage	Volney-Marcy	3.4	327.8	332.6	2597
2709 >E	Buchanan South 345kV Voltage	Pre-Fault	16.0	NA	346	2709
2709 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	5.6	327.8	327.9	2674
2710 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	327.9	2671
2710 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	5.6	327.8	327.8	2700
2711 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	338.1	1916
2711 >E	Clay 345kV Voltage	Marcy South S.	10.4	327.8	330.9	3245
2714 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.7	320	337.7	1917
2715 >E	Fraser 345kV Voltage	Volney-Marcy	3.3	327.8	327.8	2598
2715 >E	Fraser 345kV Voltage	SBK Edic R70	3.3	327.8	327.8	2746
2715 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	3.3	327.8	327.8	2705
2715 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.3	327.8	327.8	2680
2715 >E	Fraser 345kV Voltage	Ravenswood 3	3.3	327.8	327.8	2811
2715 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	327.8	2676
2715 >E	Fraser 345kV Voltage	SBK Princetown 345	3.3	327.8	327.8	2509
2716 >E	Gordon Rd 345kV Voltage	Marcy South N.	16.8	327.8	346.5	3530
2717 >E	Oakdale 345kV Voltage	Marcy South N.	11.9	320	342.0	3531
2719 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	4.2	327.8	330.2	2679
2720 >E	Edic 345kV Voltage	Marcy South S.	10.0	327.8	331.6	3252
2720 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	4.4	327.8	329.9	2709
2722 >E	Gordon Rd 345kV Voltage	Ravenswood 3	4.5	327.8	329.5	2817
2724 >E	Marcy 345kV Voltage	Marcy South S.	10.0	327.8	331.4	3256
2730 >E	Coopers Corners 345kV Voltage	Ravenswood 3	4.6	327.8	330.9	2824
2730 >E	Station 80 345kV Voltage	Ph2 DC 1500	9.3	327.8	337.1	3051

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2730 >E	Niagara 230kV East Voltage	Pre-Fault	11.4	NA	225	2730
2730 >E	Niagara 230kV West Voltage	Pre-Fault	11.4	NA	225	2730
2732 >E	Coopers Corners 345kV Voltage	Volney-Marcy	4.1	327.8	330.3	2601
2733 >E	Gordon Rd 345kV Voltage	SBK Edic R70	4.7	327.8	327.0	2764
2734 >E	Ramapo 500kV Voltage	Ravenswood 3	18.8	500	505.2	2828
2737 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	4.6	327.8	329.4	2526
2737 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.7	327.8	329.2	2768
2742 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	328.3	2702
2743 >E	St.Lawrence 230kV Voltage	Ravenswood 3	9.0	218.5	219.1	2836
2743 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	328.1	2707
2743 >E	Station 80 345kV Voltage	Marcy South N.	19.7	327.8	339.7	3555
2744 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.9	2733
2744 >E	Pannell Road 345kV Voltage	SBK Edic R945	12.2	327.8	334.8	2002
2744 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	12.2	327.8	334.8	2002
2745 >E	Station 80 345kV Voltage	SBK Princetown 345	7.9	327.8	329.4	2533
2746 >E	Oakdale 345kV Voltage	SBK Marcy R3108	7.3	320	338.2	2599
2747 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	8.9	218.5	218.7	2534
2747 >E	St.Lawrence 230kV Voltage	SBK Edic R70	9.0	218.5	218.6	2778
2748 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	9.2	218.5	218.5	2738
2749 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	9.2	218.5	218.5	2712
2749 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	9.2	218.5	218.5	2708
2750 >E	Station 80 345kV Voltage	SBK Edic R70	8.4	327.8	328.9	2781
2750 >E	Ramapo 345kV Voltage	Pre-Fault	17.3	NA	346	2750
2751 >E	Station 80 345kV Voltage	Ravenswood 3	8.4	327.8	328.8	2843
2753 >E	Leeds 345kV Voltage	Pre-Fault	8.5	NA	345	2753
2758 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	8.7	327.8	328.0	2721
2758 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	8.7	327.8	327.9	2717
2758 >E	Niagara 230kV East Voltage	Volney-Marcy	8.4	218.5	222.5	2605
2758 >E	Niagara 230kV West Voltage	Volney-Marcy	8.4	218.5	222.5	2605
2759 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	8.7	327.8	327.9	2748
2759 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	4.4	327.8	332.7	2605
2759 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	4.4	327.8	332.7	2605
2763 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	4.8	327.8	331.8	2722
2763 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	4.8	327.8	331.8	2722
2765 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	6.3	327.8	343.6	1939
2765 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	10.2	327.8	342.2	3081
2772 >E	Oakdale 345kV Voltage	Ph2 DC 1500	6.7	320	332.6	3088
2772 >E	Ladentown 345kV Voltage	Pre-Fault	17.3	NA	346	2772

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2777 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	5.3	327.8	329.3	2867
2777 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	5.3	327.8	329.3	2867
2783 >E	Roseton 345kV Voltage	Pre-Fault	14.5	NA	345	2783
2783 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	5.4	327.8	328.1	2814
2783 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	5.4	327.8	328.1	2814
2786 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	5.4	327.8	327.7	2775
2786 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	5.4	327.8	327.7	2775
2788 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	5.5	327.8	327.3	2751
2788 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	5.5	327.8	327.3	2751
2789 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	341.2	1949
2790 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	15.8	218.5	228.3	3103
2792 >E	Oakdale 345kV Voltage	SBK Edic R945	8.7	320	333.6	2032
2792 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	8.7	320	333.6	2032
2793 >E	Marcy 345kV Voltage	SBK Marcy R3108	13.8	327.8	327.8	2628
2793 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	9.9	327.8	343.9	1951
2795 >E	Gordon Rd 345kV Voltage	Marcy South S.	15.0	327.8	340.9	3316
2797 >E	Niagara 230kV East Voltage	Ravenswood 3	11.1	218.5	219.1	2885
2797 >E	Niagara 230kV West Voltage	Ravenswood 3	11.1	218.5	219.1	2885
2798 >E	Station 80 345kV Voltage	SBK Edic R945	15.1	327.8	334.8	2035
2798 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	15.1	327.8	334.8	2035
2799 >E	Niagara 230kV East Voltage	SBK Princetown 345	11.1	218.5	219.0	2577
2799 >E	Niagara 230kV West Voltage	SBK Princetown 345	11.1	218.5	219.0	2577
2799 >E	Niagara 230kV East Voltage	SBK Edic R70	11.2	218.5	218.9	2830
2799 >E	Niagara 230kV West Voltage	SBK Edic R70	11.2	218.5	218.9	2830
2804 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	11.4	218.5	218.6	2766
2804 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	11.4	218.5	218.6	2766
2804 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	11.4	218.5	218.5	2761
2804 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	11.4	218.5	218.5	2761
2804 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	11.4	218.5	218.5	2793
2804 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	11.4	218.5	218.5	2793
2805 >E	Pannell Road 345kV Voltage	Marcy South S.	14.6	327.8	330.9	3324
2805 >E	Gilboa 345kV Voltage	Volney-Marcy	5.8	327.8	329.6	2612
2806 >E	Dunwoodie 345kV Voltage	Ravenswood 3	13.6	327.8	335.6	2894
2807 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	329.3	2764
2808 >E	Sprain Brook 345kV Voltage	Ravenswood 3	13.6	327.8	335.6	2895
2812 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	5.7	327.8	322.8	2588
2812 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	5.7	327.8	322.8	2588

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2812 >E	Gilboa 345kV Voltage	Ravenswood 3	6.2	327.8	328.5	2899
2817 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	6.2	327.8	327.8	2805
2817 >E	Gilboa 345kV Voltage	SBK Edic R70	6.2	327.8	327.7	2847
2817 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	6.2	327.8	327.7	2779
2818 >E	Bowline 1 345kV Voltage	Pre-Fault	17.4	NA	345	2818
2822 >E	Gilboa 345kV Voltage	SBK Princetown 345	6.3	327.8	326.9	2596
2824 >E	Ramapo 500kV Voltage	Volney-Marcy	20.1	500	501.3	2614
2831 >E	Bowline 2 345kV Voltage	Pre-Fault	17.9	NA	345	2831
2831 >E	Somerset 345kV Voltage	Volney-Marcy	8.6	327.8	349.1	2615
2832 >E	Fraser 345kV Voltage	SBK Edic R945	9.5	327.8	337.8	2056
2832 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	9.5	327.8	337.8	2056
2843 >E	Millwood 345kV Voltage	Ravenswood 3	13.1	327.8	335.5	2927
2843 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	22.2	500	500.4	2799
2844 >E	Ramapo 500kV Voltage	SBK Edic R70	22.1	500	500.4	2874
2846 >E	Ramapo 500kV Voltage	SBK Princetown 345	22.7	500	500.3	2615
2851 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	22.8	500	500.1	2813
2852 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	22.9	500	500.0	2841
2852 >E	Buchanan North 345kV Voltage	Ravenswood 3	13.9	327.8	335.3	2935
2853 >E	Ramapo 500kV Voltage	Pre-Fault	22.9	NA	500	2853
2854 >E	Coopers Corners 345kV Voltage	SBK Edic R945	13.6	327.8	339.3	2070
2854 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	13.6	327.8	339.3	2070
2860 >E	Station 80 345kV Voltage	Marcy South S.	17.3	327.8	330.9	3370
2863 >E	Rock Tavern 345kV Voltage	Ravenswood 3	9.9	327.8	332.7	2945
2871 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	21.3	218.5	227.2	1985
2873 >E	Buchanan South 345kV Voltage	Ravenswood 3	13.3	327.8	335.7	2954
2877 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	14.6	327.8	338.3	2678
2885 >E	Oakdale 345kV Voltage	Marcy South S.	10.4	320	322.7	3391
2899 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	8.5	327.8	327.8	2887
2899 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	8.5	327.8	327.8	2859
2899 >E	Leeds 345kV Voltage	Ravenswood 3	8.5	327.8	327.8	2977
2899 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	8.5	327.8	327.8	2852
2899 >E	Leeds 345kV Voltage	Volney-Marcy	8.5	327.8	327.8	2625
2899 >E	Leeds 345kV Voltage	SBK Edic R70	8.5	327.8	327.8	2929
2899 >E	Leeds 345kV Voltage	SBK Princetown 345	8.5	327.8	327.8	2659
2899 >E	Rock Tavern 345kV Voltage	Volney-Marcy	10.1	327.8	329.4	2625
2902 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	12.0	327.8	332.0	2980
2909 >E	Rock Tavern 345kV Voltage	SBK Edic R70	10.8	327.8	328.5	2939
2911 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	10.8	327.8	328.4	2864

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2912 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	10.8	327.8	328.2	2670
2916 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	10.9	327.8	327.9	2876
2917 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	10.9	327.8	327.8	2905
2925 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	15.8	327.8	328.3	2877
2927 >E	Dunwoodie 345kV Voltage	SBK Edic R70	15.9	327.8	328.2	2957
2927 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	15.8	327.8	328.3	2879
2929 >E	Sprain Brook 345kV Voltage	SBK Edic R70	16.0	327.8	328.2	2959
2933 >E	Dunwoodie 345kV Voltage	Volney-Marcy	16.0	327.8	327.8	2630
2933 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	16.2	327.8	327.8	2921
2934 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	16.2	327.8	327.7	2893
2935 >E	Sprain Brook 345kV Voltage	Volney-Marcy	16.1	327.8	327.8	2631
2936 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	16.2	327.8	327.8	2924
2937 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	16.3	327.8	327.7	2896
2938 >E	Ramapo 345kV Voltage	Ravenswood 3	14.4	327.8	335.2	3012
2940 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	14.3	327.8	343.9	2015
2941 >E	Ladentown 345kV Voltage	Ravenswood 3	13.9	327.8	336.2	3015
2941 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	16.4	327.8	327.3	2693
2943 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	12.4	327.8	328.8	2894
2944 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	16.4	327.8	327.3	2695
2945 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	14.9	327.8	337.9	3239
2946 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	12.4	327.8	328.5	2632
2951 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	15.0	327.8	328.5	2902
2952 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	12.7	327.8	328.1	2982
2954 >E	Millwood 345kV Voltage	SBK Edic R70	15.1	327.8	328.3	2984
2956 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	12.8	327.8	327.8	2944
2957 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	12.9	327.8	327.6	2916
2958 >E	Millwood 345kV Voltage	Volney-Marcy	15.1	327.8	328.0	2634
2961 >E	Ramapo 500kV Voltage	Ph2 DC 1500	65.9	500	506.7	3253
2961 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	30.9	218.5	221.8	2729
2962 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	15.4	327.8	327.8	2950
2963 >E	Bowline 1 345kV Voltage	Ravenswood 3	13.9	327.8	336.7	3035
2963 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	15.5	327.8	327.7	2922
2967 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	16.3	327.8	328.5	2917
2967 >E	Buchanan North 345kV Voltage	Volney-Marcy	16.1	327.8	328.5	2635
2967 >E	Buchanan North 345kV Voltage	SBK Edic R70	16.3	327.8	328.4	2996
2969 >E	Bowline 2 345kV Voltage	Ravenswood 3	13.9	327.8	337.3	3041

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\0L_CAPS\Sum2023_CEVC_Ph2_00_0L_CAPS.xlsx

1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2969 >E	Somerset 345kV Voltage	SBK Marcy R3108	17.6	327.8	345.5	2734
2969 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	13.1	327.8	326.7	2716
2971 >E	Roseton 345kV Voltage	Ravenswood 3	13.4	327.8	332.1	3042
2971 >E	Millwood 345kV Voltage	SBK Princetown 345	15.6	327.8	327.2	2717
2972 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	14.9	327.8	343.7	3263
2972 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	14.9	327.8	343.7	3263
2974 >E	St.Lawrence 230kV Voltage	SBK Edic R945	30.8	218.5	222.3	2144
2974 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	30.8	218.5	222.3	2144
2977 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	16.7	327.8	327.8	2965
2978 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	16.8	327.8	327.8	2936
2981 >E	Buchanan North 345kV Voltage	SBK Princetown 345	16.8	327.8	327.6	2725
2987 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	15.5	327.8	328.6	2936
2989 >E	Buchanan South 345kV Voltage	SBK Edic R70	15.6	327.8	328.5	3018
2993 >E	Buchanan South 345kV Voltage	Volney-Marcy	15.6	327.8	328.2	2639
2999 >E	New Scotland 345kV Voltage Alps	Marcy South S.	18.4	327.8	342.8	3487
2999 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	18.4	327.8	342.8	3487
2999 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	16.0	327.8	327.8	2987
3000 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	16.0	327.8	327.8	2958
3007 >E	Buchanan South 345kV Voltage	SBK Princetown 345	16.1	327.8	327.3	2747
3009 >E	Somerset 345kV Voltage	Ph2 DC 1500	18.0	327.8	342.2	3295
3017 >E	Watercure 230kV Voltage	Volney-Marcy	15.6	207	236.1	2643
3020 >E	Roseton 345kV Voltage	Volney-Marcy	14.0	327.8	328.7	2643
3024 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	14.2	327.8	328.4	2972
3028 >E	Roseton 345kV Voltage	SBK Edic R70	14.4	327.8	328.2	3057
3030 >E	Fraser 345kV Voltage	Marcy South S.	16.7	327.8	327.8	3513
3030 >E	Fraser 345kV Voltage	Ph2 DC 1500	16.7	327.8	327.8	3313
3034 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	14.6	327.8	327.8	3021
3034 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	14.6	327.8	327.8	2991
3038 >E	Roseton 345kV Voltage	SBK Princetown 345	14.6	327.8	327.5	2772
3047 >E	Ramapo 345kV Voltage	Volney-Marcy	16.5	327.8	328.9	2647
3048 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	18.4	207	229.8	2061
3050 >E	Ramapo 345kV Voltage	SBK Edic R70	16.8	327.8	328.7	3079
3050 >E	Watercure 230kV Voltage	SBK Marcy R3108	19.7	207	222.9	2783
3051 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	16.8	327.8	328.6	2998
3056 >E	New Scotland 345kV Voltage Alps	Marcy South N.	23.8	327.8	346.7	3852
3056 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	23.8	327.8	346.7	3852
3060 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	54.9	500	505.9	2067
3065 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr	17.3	327.8	327.8	3021

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3065 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	17.3	327.8	327.8	3052
3066 >E	Ramapo 345kV Voltage	SBK Princeton 345	17.4	327.8	327.8	2795
3067 >E	Ladentown 345kV Voltage	SBK Edic R70	16.6	327.8	328.9	3096
3069 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	16.6	327.8	328.8	3015
3071 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	16.2	327.8	343.5	2071
3072 >E	Ladentown 345kV Voltage	Volney-Marcy	16.6	327.8	328.6	2651
3086 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	17.3	327.8	327.8	3073
3086 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	17.3	327.8	327.8	3042
3086 >E	Fraser 345kV Voltage	SBK Marcy R3108	18.7	327.8	327.8	2805
3090 >E	Ladentown 345kV Voltage	SBK Princeton 345	17.4	327.8	327.6	2815
3094 >E	Bowline 1 345kV Voltage	SBK Edic R70	16.6	327.8	329.2	3122
3097 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	16.7	327.8	329.0	3042
3104 >E	Bowline 1 345kV Voltage	Volney-Marcy	16.9	327.8	328.5	2656
3114 >E	Bowline 2 345kV Voltage	SBK Edic R70	17.1	327.8	329.2	3142
3117 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	17.4	327.8	327.8	3104
3117 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	17.4	327.8	327.8	3072
3117 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	17.2	327.8	329.0	3061
3122 >E	Bowline 1 345kV Voltage	SBK Princeton 345	17.6	327.8	327.5	2841
3125 >E	Bowline 2 345kV Voltage	Volney-Marcy	17.4	327.8	328.6	2659
3139 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	17.9	327.8	327.8	3125
3139 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	17.9	327.8	327.8	3093
3144 >E	Bowline 2 345kV Voltage	SBK Princeton 345	18.1	327.8	327.5	2859
3160 >E	Gardenville 230kV Voltage	Volney-Marcy	19.7	207	225.2	2664
3161 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	19.3	327.8	337.4	2110
3161 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	19.3	327.8	337.4	2110
3191 >E	Gilboa 345kV Voltage	Marcy South S.	23.5	327.8	340.0	3649
3212 >E	Gilboa 345kV Voltage	SBK Edic R945	21.4	327.8	336.4	2291
3212 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	21.4	327.8	336.4	2291
3256 >E	Somerset 345kV Voltage	SBK Edic R945	28.7	327.8	337.6	2318
3257 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	28.7	327.8	337.6	2318
3272 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	23.3	327.8	329.6	2328
3272 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	23.3	327.8	329.6	2328
3272 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	23.3	327.8	329.6	2328
3272 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	23.3	327.8	329.6	2328
3278 >E	St.Lawrence 230kV Voltage	Marcy South N.	59.4	218.5	226.6	4062
3281 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	24.5	327.8	335.0	2922
3281 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	24.5	327.8	335.0	2922

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3295 >E	Watercure 230kV Voltage	SBK Edic R945	29.2	207	220.2	2342
3295 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	29.2	207	220.2	2342
3304 >E	Fraser 345kV Voltage	Marcy South N.	27.3	327.8	327.8	4086
3307 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	84.9	500	504.1	2349
3307 >E	Ramapo 500kV Voltage	SBK Edic R945	84.9	500	504.1	2349
3319 >E	Gilboa 345kV Voltage	Ph2 DC 1500	25.4	327.8	336.2	3566
3320 >E	Gordon Rd 345kV Voltage	SBK Edic R945	25.7	327.8	312.9	2357
3320 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	25.7	327.8	312.9	2357
3327 >E	St.Lawrence 230kV Voltage	Marcy South S.	57.2	218.5	220.9	3763
3344 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	30.0	327.8	324.5	2960
3355 >E	Leeds 345kV Voltage	Marcy South S.	26.5	327.8	346.0	3787
3363 >E	Somerset 345kV Voltage	Marcy South N.	39.5	327.8	342.7	4143
3397 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	32.2	327.8	342.4	2212
3398 >E	Rainey 345kV Voltage	Ravenswood 3	35.7	327.8	341.1	3429
3399 >E	Watercure 230kV Voltage	Ph2 DC 1500	33.2	207	227.6	3636
3400 >E	Somerset 345kV Voltage	Marcy South S.	33.5	327.8	332.8	3824
3442 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	58.2	218.5	229.1	2232
3442 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	58.2	218.5	229.1	2232
3444 >E	Farragut 345kV Voltage	Ravenswood 3	37.8	327.8	340.3	3471
3454 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	28.4	327.8	348.7	2237
3572 >E	Rainey 345kV Voltage	Pre-Fault	55.6	NA	338	3572
3578 >E	Rock Tavern 345kV Voltage	SBK Edic R945	39.9	327.8	335.6	2517
3578 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	39.9	327.8	335.6	2517
3579 >E	Ramapo 500kV Voltage	Marcy South S.	106.8	500	501.7	3975
3580 >E	Farragut 345kV Voltage	Pre-Fault	57.9	NA	338	3580
3591 >E	Gilboa 345kV Voltage	SBK Marcy R3108	33.5	327.8	330.7	3110
3620 >E	Niagara 230kV East Voltage	SBK Marcy R3108	73.3	218.5	229.7	3127
3620 >E	Niagara 230kV West Voltage	SBK Marcy R3108	73.3	218.5	229.7	3127
3621 >E	Niagara 345kV Voltage	SBK Marcy R3108	35.4	327.8	349.9	3128
3641 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	40.1	327.8	338.9	3848
3647 >E	Niagara 230kV East Voltage	Ph2 DC 1500	74.4	218.5	228.1	3854
3647 >E	Niagara 230kV West Voltage	Ph2 DC 1500	74.4	218.5	228.1	3854
3658 >E	Niagara 345kV Voltage	Ph2 DC 1500	36.2	327.8	346.5	3863
3664 >E	Gardenville 230kV Voltage	Pre-Fault	61.3	NA	217	3664
3703 >E	Gilboa 345kV Voltage	Marcy South N.	40.0	327.8	337.1	4465
3731 >E	Ramapo 500kV Voltage	Marcy South N.	131.9	500	502.9	4491
3763 >E	Ramapo 500kV Voltage	SBK Marcy R3108	123.2	500	501.6	3214
3794 >E	Goethals 345kV Voltage	Ravenswood 3	51.8	327.8	339.0	3788
3838 >E	Pleasant Valley 345kV Voltage	Marcy South S.	55.6	327.8	339.2	4193
3863 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	47.8	207	226.3	2414
3876 >E	Goethals 345kV Voltage	Pre-Fault	78.2	NA	338	3876

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3889 >E	Somerset 345kV Voltage	Pre-Fault	95.4	NA	338	3889
3939 >E	Somerset 345kV Voltage	SBK Princetown 345	56.2	327.8	337.5	3509
3956 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	66.9	327.8	338.0	2454
3968 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	68.3	327.8	337.9	4135
3984 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	54.4	327.8	337.6	4148
4020 >E	Gardenville 230kV Voltage	SBK Princetown 345	52.0	207	211.2	3575
4044 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	59.1	327.8	341.5	2492
4062 >E	Gardenville 230kV Voltage	Ravenswood 3	53.5	207	210.5	4030
4097 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	54.0	327.8	328.6	3998
4112 >E	Rainey 345kV Voltage	SBK Edic R70	54.6	327.8	328.3	4134
4125 >E	Gardenville 230kV Voltage	SBK Edic R70	55.8	207	209.5	4147
4128 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	56.4	327.8	328.5	4028
4129 >E	Rainey 345kV Voltage	Volney-Marcy	55.1	327.8	328.0	2806
4139 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	55.6	327.8	327.8	4118
4140 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	49.1	327.8	327.8	2864
4140 >E	Leeds 345kV Voltage	SBK Edic R945	49.1	327.8	327.8	2864
4142 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	55.7	327.8	327.7	4073
4144 >E	Farragut 345kV Voltage	SBK Edic R70	57.0	327.8	328.3	4166
4154 >E	Millwood 345kV Voltage	Ph2 DC 1500	71.7	327.8	337.6	4298
4161 >E	Farragut 345kV Voltage	Volney-Marcy	57.4	327.8	328.0	2811
4165 >E	Rainey 345kV Voltage	SBK Princetown 345	56.4	327.8	327.3	3693
4172 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	58.0	327.8	327.8	4151
4175 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	58.1	327.8	327.7	4105
4180 >E	Ramapo 345kV Voltage	Ph2 DC 1500	64.9	327.8	340.5	4320
4195 >E	Watercure 230kV Voltage	Marcy South N.	80.5	207	237.5	4930
4196 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	83.7	327.8	336.2	4335
4199 >E	Farragut 345kV Voltage	SBK Princetown 345	58.8	327.8	327.3	3721
4202 >E	Gardenville 230kV Voltage	SBK Marcy R3108	61.6	207	225.7	3479
4205 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	84.4	327.8	336.1	4342
4209 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	79.9	327.8	332.7	2906
4209 >E	Buchanan North 345kV Voltage	SBK Edic R945	79.9	327.8	332.7	2906
4209 >E	Gardenville 230kV Voltage	Ph2 DC 1500	60.0	207	224.2	4346
4211 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	70.2	327.8	338.9	4347
4217 >E	Coopers Corners 345kV Voltage	Marcy South N.	57.4	327.8	306.4	4951
4239 >E	Leeds 345kV Voltage	Marcy South N.	55.4	327.8	341.8	4972
4240 >E	Niagara 230kV East Voltage	SBK Edic R945	114.8	218.5	225.6	2925
4240 >E	Niagara 230kV West Voltage	SBK Edic R945	114.8	218.5	225.6	2925
4240 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	114.8	218.5	225.6	2925
4240 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	114.8	218.5	225.6	2925

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4240 >E	Somerset 345kV Voltage	Ravenswood 3	70.4	327.8	334.3	4191
4245 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	60.1	207	207.5	4173
4245 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	60.2	207	207.5	4140
4267 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	60.9	207	207.2	4245
4270 >E	Niagara 345kV Voltage	SBK Edic R945	56.2	327.8	340.7	2944
4270 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	56.2	327.8	340.7	2944
4292 >E	Somerset 345kV Voltage	SBK Edic R70	72.2	327.8	333.8	4313
4303 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	65.7	327.8	342.2	2604
4303 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	61.7	327.8	338.5	2604
4310 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	66.0	327.8	328.1	2968
4310 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	66.0	327.8	328.1	2968
4316 >E	Roseton 345kV Voltage	Ph2 DC 1500	62.0	327.8	338.4	4440
4327 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	74.9	327.8	338.1	2614
4372 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	81.8	327.8	336.0	2634
4381 >E	Ladentown 345kV Voltage	Ph2 DC 1500	69.1	327.8	341.6	4497
4388 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	68.6	327.8	333.2	2641
4402 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	65.5	327.8	344.3	2646
4404 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	57.6	327.8	327.8	2648
4404 >E	Leeds 345kV Voltage	Ph2 DC 1500	57.6	327.8	327.8	4517
4408 >E	Ramapo 345kV Voltage	SBK Edic R945	74.4	327.8	334.9	3029
4409 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	74.5	327.8	334.9	3029
4413 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	66.0	327.8	331.7	3032
4413 >E	Roseton 345kV Voltage	SBK Edic R945	66.0	327.8	331.7	3032
4441 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	85.6	327.8	330.5	3049
4441 >E	Millwood 345kV Voltage	SBK Edic R945	85.6	327.8	330.5	3050
4459 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	98.0	327.8	334.6	2671
4462 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	98.9	327.8	329.8	3062
4462 >E	Sprain Brook 345kV Voltage	SBK Edic R945	98.9	327.8	329.8	3062
4467 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	99.6	327.8	329.7	3066
4467 >E	Dunwoodie 345kV Voltage	SBK Edic R945	99.6	327.8	329.7	3066
4478 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	99.5	327.8	334.4	2680
4490 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	69.0	327.8	343.7	4592
4523 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	84.0	327.8	331.9	3100
4523 >E	Buchanan South 345kV Voltage	SBK Edic R945	84.0	327.8	331.9	3100
4544 >E	Niagara 345kV Voltage	Volney-Marcy	64.5	327.8	441.2	2868
4607 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	71.9	327.8	343.3	2735
4617 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	76.1	327.8	328.5	4496
4623 >E	Leeds 345kV Voltage	SBK Marcy R3108	64.3	327.8	327.8	3733
4638 >E	Goethals 345kV Voltage	SBK Edic R70	76.9	327.8	328.3	4657
4666 >E	Goethals 345kV Voltage	Volney-Marcy	77.8	327.8	327.9	2885

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4668 >E	Niagara 345kV Voltage	Marcy South S.	68.3	327.8	335.3	4890
4675 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	78.3	327.8	327.8	4650
4678 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	78.4	327.8	327.7	4596
4703 >E	Niagara 230kV East Voltage	Marcy South S.	144.6	218.5	223.1	4920
4703 >E	Niagara 230kV West Voltage	Marcy South S.	144.6	218.5	223.1	4920
4704 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	75.7	327.8	342.7	4779
4710 >E	Goethals 345kV Voltage	SBK Princetown 345	79.4	327.8	327.3	4138
4724 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	82.4	327.8	335.1	3224
4724 >E	Ladentown 345kV Voltage	SBK Edic R945	82.4	327.8	335.1	3224
4739 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	90.2	327.8	329.1	4656
4754 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	90.8	327.8	328.9	4627
4807 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	83.5	327.8	324.3	3845
4823 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	93.7	327.8	328.2	4798
4837 >E	Millwood 345kV Voltage	Marcy South S.	105.9	327.8	332.6	5033
4883 >E	Roseton 345kV Voltage	Marcy South S.	82.7	327.8	332.8	5072
4916 >E	Dunwoodie 345kV Voltage	Marcy South S.	125.3	327.8	331.7	5099
4931 >E	Sprain Brook 345kV Voltage	Marcy South S.	125.2	327.8	331.6	5112
4948 >E	Bowline 1 345kV Voltage	SBK Edic R945	85.8	327.8	336.7	3362
4948 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	85.8	327.8	336.7	3362
4953 >E	Niagara 345kV Voltage	Marcy South N.	86.0	327.8	346.3	5648
4965 >E	Pleasant Valley 345kV Voltage	Marcy South N.	100.1	327.8	337.2	5660
5077 >E	Gardenville 230kV Voltage	SBK Edic R945	94.7	207	219.9	3442
5077 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	94.7	207	219.9	3442
5109 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	90.3	327.8	335.7	3462
5109 >E	Bowline 2 345kV Voltage	SBK Edic R945	90.3	327.8	335.7	3462
5136 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	100.0	327.8	327.2	4044
5180 >E	Watercure 230kV Voltage	Marcy South S.	100.3	207	216.5	5321
5314 >E	Buchanan South 345kV Voltage	Marcy South S.	115.8	327.8	330.9	5434
5456 >E	Niagara 230kV East Voltage	Marcy South N.	203.6	218.5	229.2	6124
5456 >E	Niagara 230kV West Voltage	Marcy South N.	203.6	218.5	229.2	6124
5498 >E	Buchanan North 345kV Voltage	Marcy South S.	129.8	327.8	326.4	5588
5754 >E	Gardenville 230kV Voltage	Marcy South S.	119.4	207	214.9	5804
5868 >E	Roseton 345kV Voltage	SBK Marcy R3108	117.7	327.8	325.5	4486
6019 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	164.9	327.8	325.9	4577
6235 >E	Rock Tavern 345kV Voltage	Marcy South N.	128.9	327.8	319.6	6862
6303 >E	Roseton 345kV Voltage	Marcy South N.	134.5	327.8	332.1	6927
6317 >E	Millwood 345kV Voltage	Marcy South N.	175.3	327.8	331.5	6940
6405 >E	Buchanan North 345kV Voltage	Marcy South N.	179.7	327.8	328.6	7023
6449 >E	Millwood 345kV Voltage	SBK Marcy R3108	179.0	327.8	325.1	4837

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6498 >E	Sprain Brook 345kV Voltage	Marcy South N.	209.0	327.8	330.5	7111
6503 >E	Dunwoodie 345kV Voltage	Marcy South N.	210.4	327.8	330.5	7115
6527 >E	Ramapo 345kV Voltage	SBK Marcy R3108	156.3	327.8	325.5	4884
6545 >E	Rock Tavern 345kV Voltage	Marcy South S.	124.8	327.8	297.5	6469
6594 >E	Ramapo 345kV Voltage	Marcy South S.	145.7	327.8	321.8	6510
6661 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	175.7	327.8	325.3	4965
6726 >E	Ladentown 345kV Voltage	Marcy South S.	147.6	327.8	325.4	6621
6755 >E	Buchanan South 345kV Voltage	Marcy South N.	180.1	327.8	330.8	7354
6766 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	221.7	327.8	324.7	5028
6780 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	223.7	327.8	324.6	5037
7268 >E	Ladentown 345kV Voltage	SBK Marcy R3108	177.0	327.8	325.4	5332
7327 >E	Coopers Corners 345kV Voltage	Marcy South S.	114.3	327.8	163.3	7126
7341 >E	Ramapo 345kV Voltage	Marcy South N.	183.6	327.8	327.3	7909
7381 >E	Bowline 1 345kV Voltage	Marcy South S.	162.8	327.8	325.6	7172
7426 >E	Bowline 2 345kV Voltage	Marcy South S.	162.0	327.8	325.6	7210
7690 >E	Gardenville 230kV Voltage	Marcy South N.	203.3	207	233.7	8240
7925 >E	Ladentown 345kV Voltage	Marcy South N.	198.6	327.8	328.7	8462
8064 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	195.7	327.8	325.3	5813
8118 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	194.7	327.8	325.3	5845
8786 >E	Bowline 1 345kV Voltage	Marcy South N.	218.5	327.8	328.9	9278
8855 >E	Bowline 2 345kV Voltage	Marcy South N.	217.7	327.8	328.9	9343
9460 >E	Rainey 345kV Voltage	Ph2 DC 1500	252.1	327.8	341.1	8943
9526 >E	Farragut 345kV Voltage	Ph2 DC 1500	259.9	327.8	340.9	9001
10969 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	307.4	327.8	338.1	5485
11070 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	317.5	327.8	337.9	5529
11237 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	317.8	327.8	331.0	7244
11237 >E	Rainey 345kV Voltage	SBK Edic R945	317.8	327.8	331.0	7245
11357 >E	Farragut 345kV Voltage	SBK Edic R945	328.9	327.8	331.0	7319
11360 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	329.0	327.8	331.0	7320
11566 >E	Goethals 345kV Voltage	Ph2 DC 1500	342.6	327.8	341.4	10786
13178 >E	Rainey 345kV Voltage	Marcy South S.	390.1	327.8	333.7	12046
13327 >E	Farragut 345kV Voltage	Marcy South S.	403.8	327.8	333.6	12171

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2350 MS2270 DE1300 00 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
13960 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	433.8	327.8	338.0	6778
14324 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	448.2	327.8	331.0	9150
14324 >E	Goethals 345kV Voltage	SBK Edic R945	448.2	327.8	331.0	9150
17016 >E	Goethals 345kV Voltage	Marcy South S.	552.2	327.8	333.8	15274
20347 >E	Rainey 345kV Voltage	Marcy South N.	654.5	327.8	332.0	20225
20542 >E	Farragut 345kV Voltage	Marcy South N.	675.3	327.8	332.0	20409
22224 >E	Rainey 345kV Voltage	SBK Marcy R3108	722.6	327.8	323.1	14370
22693 >E	Farragut 345kV Voltage	SBK Marcy R3108	755.1	327.8	323.1	14653
25384 >E	Northport 138kV Voltage	Ph2 DC 1500	1791.9	131.1	139.1	22884
27181 >E	Goethals 345kV Voltage	Marcy South N.	941.3	327.8	332.1	26696
31198 >E	Goethals 345kV Voltage	SBK Marcy R3108	1094.2	327.8	322.4	19793
34555 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	2511.9	131.1	132.3	21638
34555 >E	Northport 138kV Voltage	SBK Edic R945	2511.9	131.1	132.3	21639
39155 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	2872.5	131.1	136.2	17668
54799 >E	Northport 138kV Voltage	Marcy South S.	4112.5	131.1	132.9	47044
84795 >E	Northport 138kV Voltage	SBK Marcy R3108	6464.4	131.1	128.2	52183
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

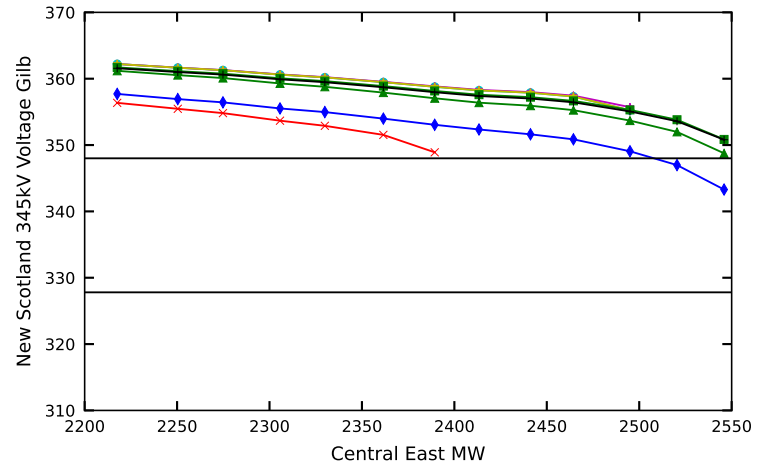
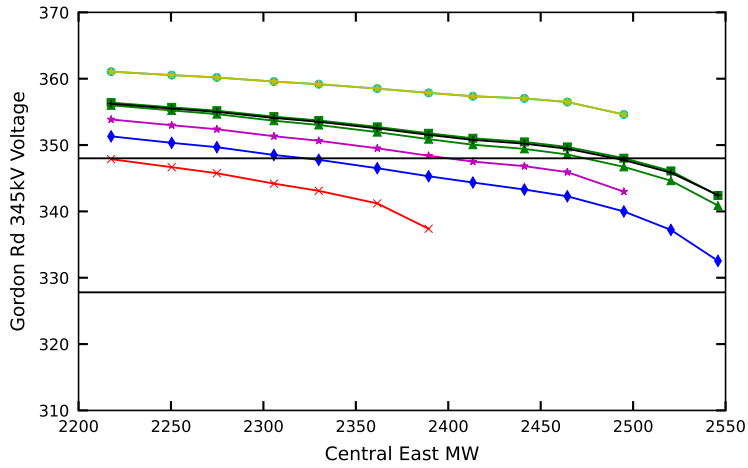
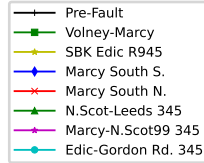
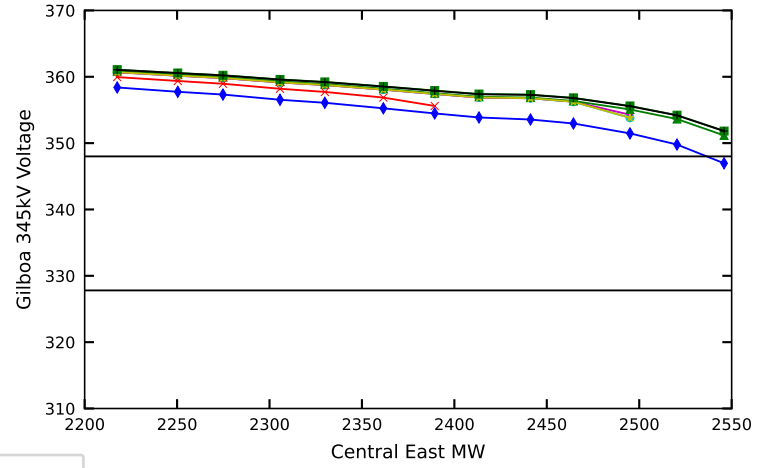
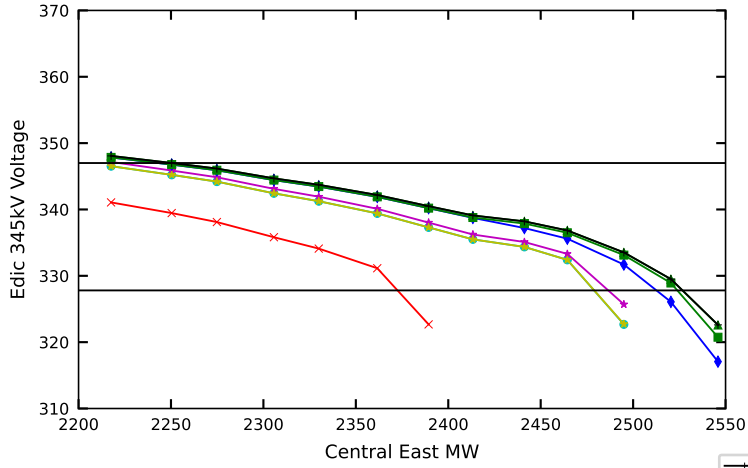
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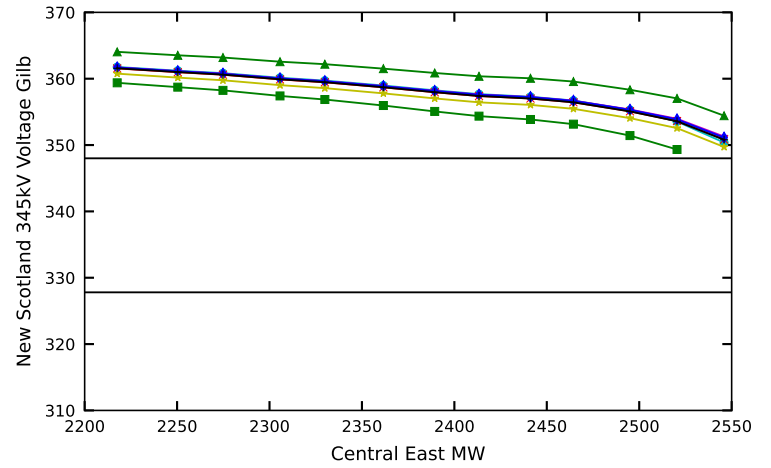
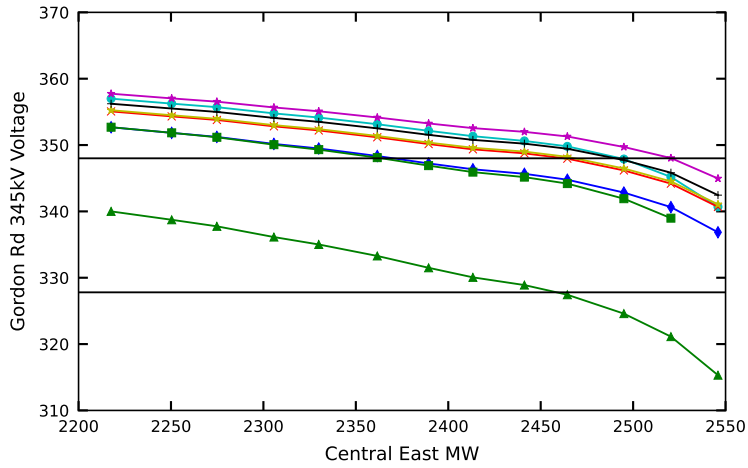
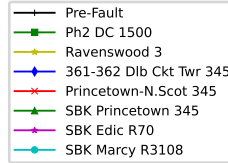
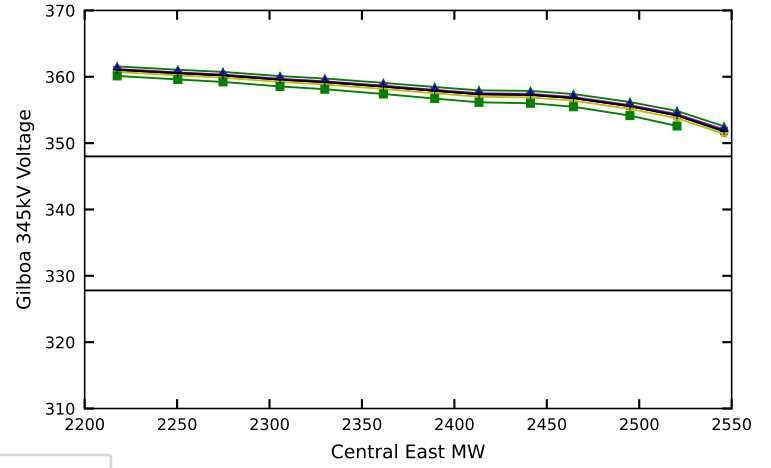
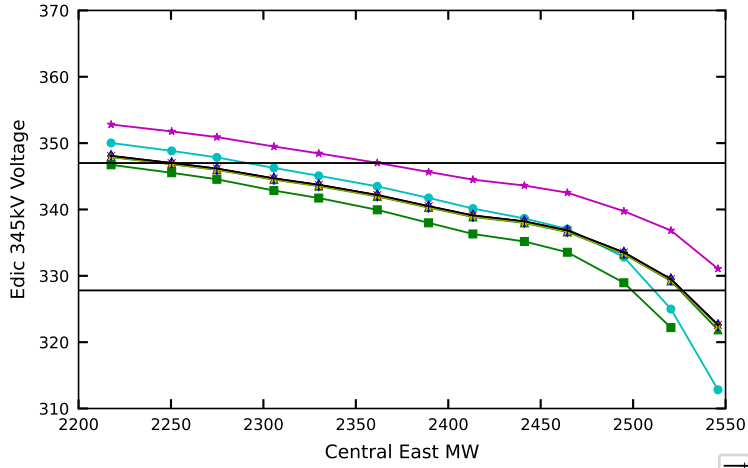
Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr	NA	327.8	NA	99998
>E		345				
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	361-362 Dlb Ckt Twr	NA	131.1	NA	99998
>E		345				
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr	NA	207	NA	99998
>E		345				
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99999	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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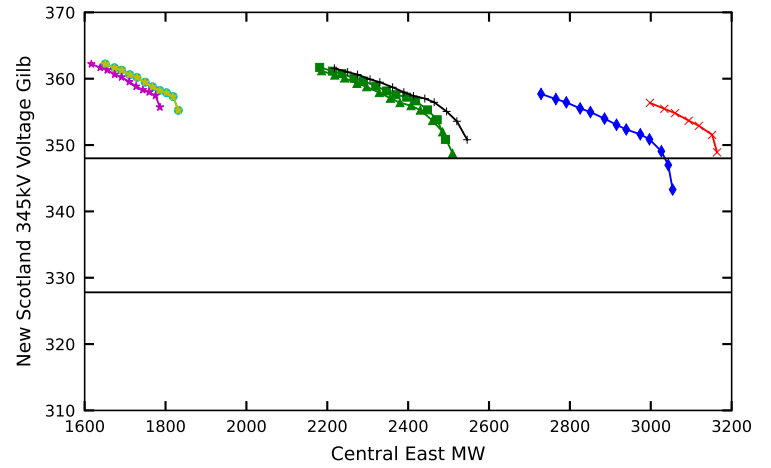
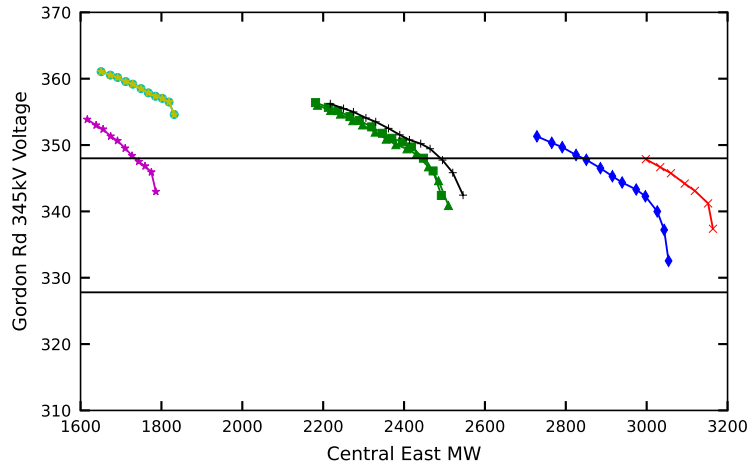
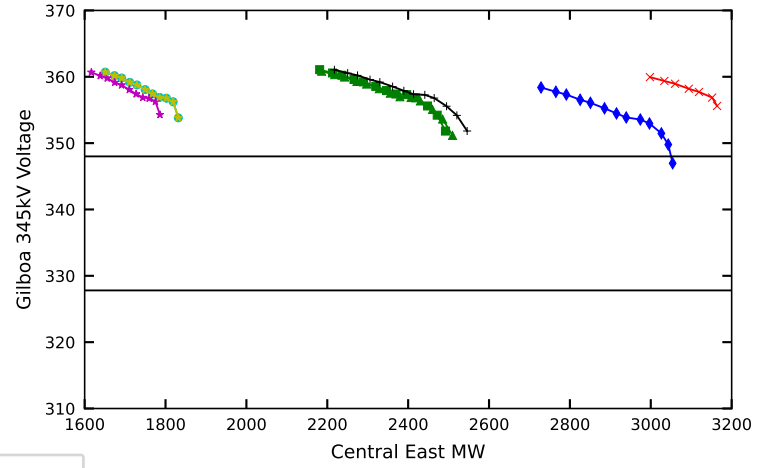
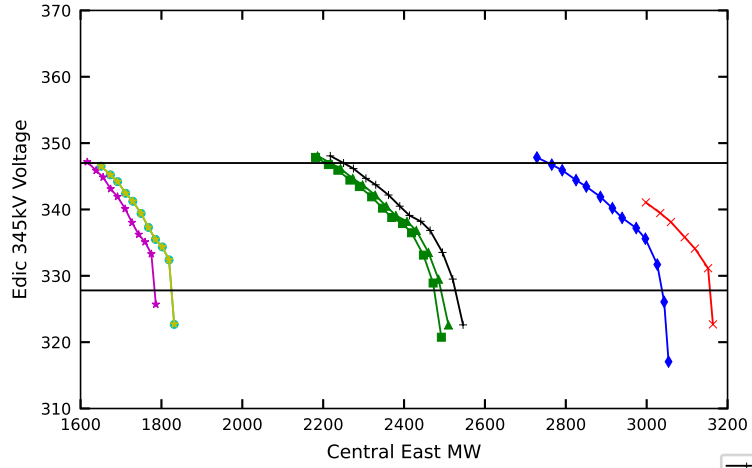
1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS Figure 1



1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS Figure 2

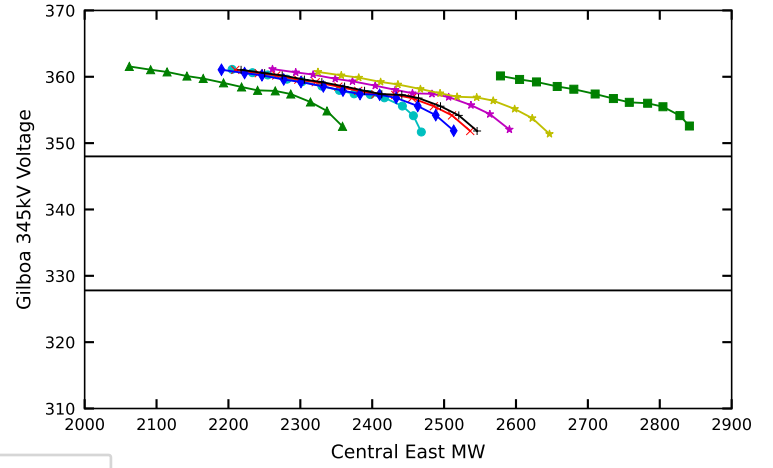
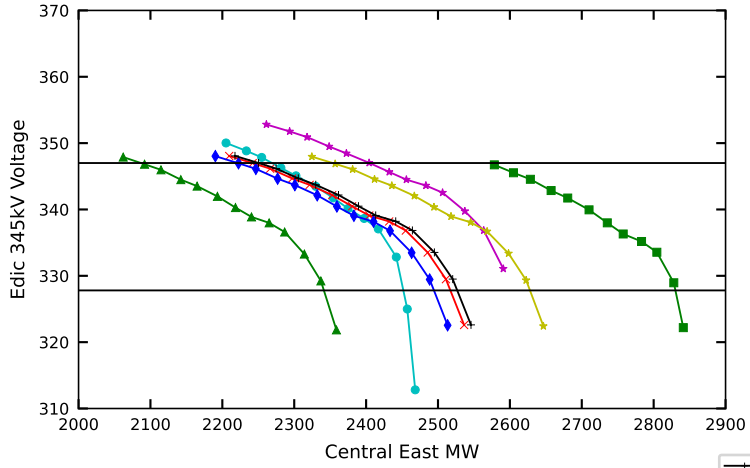


1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS Figure 1

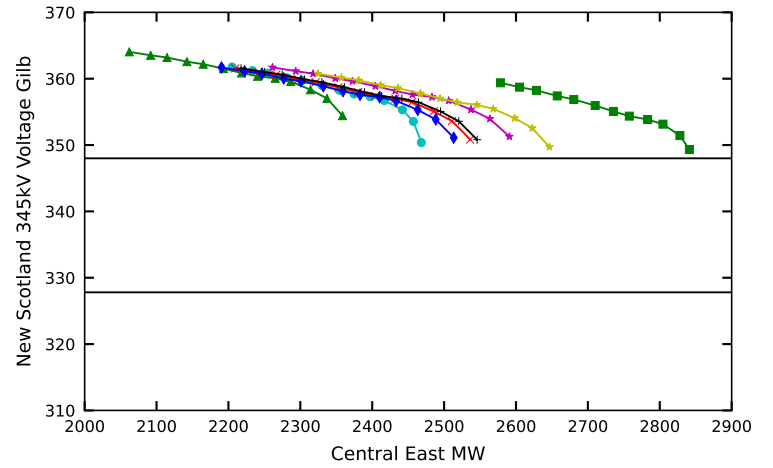
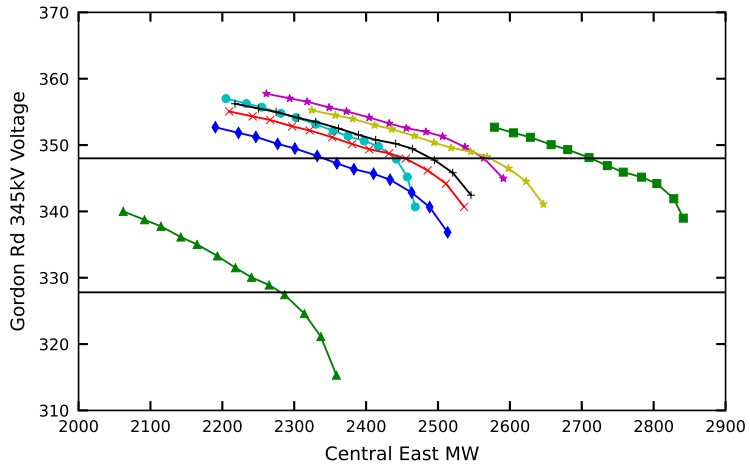


- +— Pre-Fault
- Volney-Marcy
- ▲— SBK Edic R945
- ◆— Marcy South S.
- ×— Marcy South N.
- ▲— N.Scot-Leeds 345
- ★— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS Figure 2



- Pre-Fault
- Ph2 DC 1500
- ▲ Ravenswood 3
- ◆ 361-362 Dlb Ckt Twr 345
- × Princetown-N.Scot 345
- ▲ SBK Princetown 345
- ◆ SBK Edic R70
- SBK Marcy R3108



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2217	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2250	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2274	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2305	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2329	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2361	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2389	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2413	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2441	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2464	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2494	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2520	t1	0	2	2	0	2	0	2	0	0	0	0	0	0	0	0
	2															
2545	t1	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	3															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\0M_CAPS\Sum2023_CEVC_Ph2_00_0M_CAPS.xlsx

1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2166 <E	Dunwoodie 345kV Voltage	Pre-Fault	102.2	NA	348	2166
2177 <E	Sprain Brook 345kV Voltage	Pre-Fault	102.5	NA	348	2177
2208 <E	Marcy 345kV Voltage	Pre-Fault	30.5	NA	348	2208
2250	Edic 345kV Voltage	Pre-Fault	29.2	NA	347	2250
2269	limit with 5% margin	Marcy South N.	NA	NA	NA	3005
2284	Pannell Road 345kV Voltage	Pre-Fault	39.2	NA	346	2284
2285	Station 80 345kV Voltage	Pre-Fault	45.4	NA	346	2285
2299	Clay 345kV Voltage	Pre-Fault	26.7	NA	345	2299
2370	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1740
2370	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1696
2370	limit with 5% margin	SBK Edic R945	NA	NA	NA	1740
2372	Marcy 345kV Voltage	Marcy South N.	3.3	327.8	341.1	3156
2372	Edic 345kV Voltage	Marcy South N.	3.3	327.8	341.5	3156
2373	Clay 345kV Voltage	Marcy South N.	3.2	327.8	342.3	3156
2394	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2699
2414 >E	Pannell Road 345kV Voltage	Marcy South N.	5.5	327.8	343.3	3174
2418	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2384
2418	limit with 5% margin	Marcy South S.	NA	NA	NA	2901
2418	limit with 5% margin	Volney-Marcy	NA	NA	NA	2367
2418	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2344
2418	limit with 5% margin	SBK Edic R70	NA	NA	NA	2461
2418	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2240
2418	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2409
2418	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2387
2418	limit with 5% margin	Ravenswood 3	NA	NA	NA	2514
2437 >E	Station 80 345kV Voltage	Marcy South N.	6.7	327.8	343.4	3184
2458	Gordon Rd 345kV Voltage	SBK Princetown 345	15.9	327.8	349.6	2281
2458 >E	Gordon Rd 345kV Voltage	Marcy South N.	7.3	327.8	349.1	3194
2467 >E	Oakdale 345kV Voltage	Marcy South N.	5.6	320	348.1	3197
2477	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.2	327.8	335.0	1824
2477	Marcy 345kV Voltage	SBK Edic R945	3.2	327.8	335.0	1824
2478	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.1	327.8	335.3	1824
2478	Edic 345kV Voltage	SBK Edic R945	3.2	327.8	335.3	1824
2482	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	336.3	1826
2483	Clay 345kV Voltage	SBK Edic R945	3.1	327.8	336.3	1826
2486	Edic 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	334.4	1783
2487	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	334.0	1783
2490	Gordon Rd 345kV Voltage	Pre-Fault	17.9	NA	348	2490
2491	Clay 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	335.5	1784
2498	Marcy 345kV Voltage	Ph2 DC 1500	3.8	327.8	332.5	2829

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2499	Edic 345kV Voltage	Ph2 DC 1500	3.8	327.8	332.8	2830
2506	Clay 345kV Voltage	Ph2 DC 1500	3.5	327.8	333.3	2834
2506	Clay 345kV Voltage	SBK Marcy R3108	2.9	327.8	333.3	2449
2511	Edic 345kV Voltage	SBK Marcy R3108	3.2	327.8	330.9	2451
2512	Marcy 345kV Voltage	Marcy South S.	4.5	327.8	330.4	3037
2512	Edic 345kV Voltage	Marcy South S.	4.5	327.8	330.7	3037
2515	Clay 345kV Voltage	Volney-Marcy	4.7	327.8	332.0	2467
2516 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	4.6	327.8	337.2	1840
2516 >E	Pannell Road 345kV Voltage	SBK Edic R945	4.6	327.8	337.2	1840
2520	Clay 345kV Voltage	Marcy South S.	4.4	327.8	331.2	3043
2520 >E	St.Lawrence 230kV Voltage	Marcy South N.	13.3	218.5	228.0	3220
2523	Edic 345kV Voltage	Volney-Marcy	3.1	327.8	328.6	2474
2524	Marcy 345kV Voltage	Volney-Marcy	3.1	327.8	328.1	2474
2524	Marcy 345kV Voltage	SBK Princetown 345	3.4	327.8	327.9	2340
2525	Marcy 345kV Voltage	Ravenswood 3	3.7	327.8	327.8	2627
2525	Marcy 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	327.8	2489
2525	Marcy 345kV Voltage	SBK Marcy R3108	3.7	327.8	327.8	2459
2525	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	327.8	327.8	2493
2525	Marcy 345kV Voltage	SBK Edic R70	3.7	327.8	327.8	2568
2525	Marcy 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	2515
2525	Edic 345kV Voltage	SBK Princetown 345	3.4	327.8	328.2	2341
2526	Edic 345kV Voltage	Ravenswood 3	3.7	327.8	328.0	2627
2526	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	327.8	327.9	2494
2526	Edic 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	2517
2526	Edic 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	327.8	2491
2529	Clay 345kV Voltage	SBK Princetown 345	3.4	327.8	328.7	2344
2530	Millwood 345kV Voltage	Pre-Fault	28.7	NA	348	2530
2531	Clay 345kV Voltage	Ravenswood 3	3.6	327.8	328.3	2632
2531 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	5.8	327.8	335.9	1799
2532 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	337.2	1847
2532	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	3.6	327.8	327.9	2500
2532 >E	Station 80 345kV Voltage	SBK Edic R945	5.4	327.8	337.2	1847
2532	Clay 345kV Voltage	N.Scot-Leeds 345	3.6	327.8	327.9	2496
2532	Clay 345kV Voltage	Princetown-N.Scot 345	3.6	327.8	327.8	2523
2540	Pannell Road 345kV Voltage	SBK Marcy R3108	4.6	327.8	335.4	2466
2547 >E	Oakdale 345kV Voltage	Pre-Fault	4.6	NA	335	2547
2548 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	6.3	327.8	334.4	2855
2549 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	6.6	327.8	335.8	1806

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2554 >E	Clay 345kV Voltage	SBK Edic R70	4.6	327.8	321.9	2599
2556 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.9	320	338.5	1857
2557 >E	Oakdale 345kV Voltage	SBK Edic R945	3.9	320	338.4	1857
2558 >E	St.Lawrence 230kV Voltage	Pre-Fault	12.3	NA	225	2558
2560 >E	Edic 345kV Voltage	SBK Edic R70	4.4	327.8	318.7	2606
2569 >E	Station 80 345kV Voltage	SBK Marcy R3108	6.8	327.8	337.5	2478
2569 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.0	320	330.2	2478
2571 >E	New Scotland 345kV Voltage Alps	Pre-Fault	9.1	NA	348	2571
2571 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	9.1	NA	348	2571
2571 >E	Gordon Rd 345kV Voltage	Marcy South S.	5.5	327.8	339.0	3065
2572 >E	Buchanan North 345kV Voltage	Pre-Fault	30.3	NA	346	2572
2574 >E	Station 80 345kV Voltage	Ph2 DC 1500	8.3	327.8	335.2	2869
2574 >E	Fraser 345kV Voltage	Pre-Fault	5.5	NA	338	2574
2576 >E	Pannell Road 345kV Voltage	Volney-Marcy	8.6	327.8	333.0	2516
2578 >E	Pannell Road 345kV Voltage	Marcy South S.	8.5	327.8	332.9	3068
2581 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.9	320	335.9	1817
2587 >E	Gilboa 345kV Voltage	Pre-Fault	10.8	NA	348	2587
2590 >E	Oakdale 345kV Voltage	Volney-Marcy	3.9	320	325.5	2527
2591 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	5.0	327.8	343.1	1872
2592 >E	Fraser 345kV Voltage	SBK Edic R945	5.1	327.8	343.0	1872
2597 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.7	320	329.1	2881
2598 >E	Oakdale 345kV Voltage	Marcy South S.	4.0	320	323.8	3076
2601 >E	Coopers Corners 345kV Voltage	Pre-Fault	7.8	NA	338	2601
2606 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	6.7	327.8	334.4	2572
2607 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.4	320	321.9	2410
2609 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	9.9	218.5	220.8	2496
2610 >E	Oakdale 345kV Voltage	Ravenswood 3	4.5	320	321.1	2707
2610 >E	Rock Tavern 345kV Voltage	Pre-Fault	19.0	NA	348	2610
2611 >E	St.Lawrence 230kV Voltage	Marcy South S.	9.7	218.5	220.6	3082
2612 >E	New Scotland 345kV Voltage Alps	Marcy South N.	10.6	327.8	352.0	3260
2612 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	10.6	327.8	352.0	3260
2614 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	320	320.2	2580
2614 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	7.5	327.8	343.6	1881
2614 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	4.6	320	320.2	2576
2615 >E	Coopers Corners 345kV Voltage	SBK Edic R945	7.5	327.8	343.6	1882
2615 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	4.6	320	320.1	2605
2616 >E	St.Lawrence 230kV Voltage	Volney-Marcy	10.4	218.5	220.2	2548
2617 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	12.8	218.5	223.1	2891
2617 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.7	327.8	338.6	2891

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2618 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	5.7	327.8	332.8	2499
2621 >E	Pleasant Valley 345kV Voltage	Pre-Fault	24.3	NA	348	2621
2627 >E	Pannell Road 345kV Voltage	SBK Princetown 345	12.5	327.8	329.5	2428
2628 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	14.6	218.5	225.8	1887
2628 >E	St.Lawrence 230kV Voltage	Ravenswood 3	11.7	218.5	219.3	2724
2628 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	340.1	1834
2629 >E	St.Lawrence 230kV Voltage	SBK Edic R945	14.7	218.5	225.8	1887
2630 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	327.8	2590
2630 >E	Fraser 345kV Voltage	SBK Marcy R3108	5.5	327.8	327.8	2504
2630 >E	Fraser 345kV Voltage	SBK Edic R70	5.5	327.8	327.8	2680
2630 >E	Fraser 345kV Voltage	SBK Princetown 345	5.5	327.8	327.8	2430
2630 >E	Fraser 345kV Voltage	Ravenswood 3	5.5	327.8	327.8	2725
2630 >E	Fraser 345kV Voltage	Marcy South S.	5.5	327.8	327.8	3090
2630 >E	Fraser 345kV Voltage	Volney-Marcy	5.5	327.8	327.8	2559
2630 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	327.8	2619
2630 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	5.5	327.8	327.8	2595
2634 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	11.8	218.5	218.7	2434
2634 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	330.6	2595
2635 >E	Somerset 345kV Voltage	Marcy South N.	12.6	327.8	349.9	3270
2635 >E	Oakdale 345kV Voltage	SBK Edic R70	5.1	320	315.6	2687
2637 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	12.3	218.5	218.5	2627
2638 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	12.3	218.5	218.5	2604
2638 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	12.3	218.5	218.4	2598
2639 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	7.3	327.8	330.0	2629
2639 >E	Buchanan South 345kV Voltage	Pre-Fault	29.4	NA	346	2639
2643 >E	Gordon Rd 345kV Voltage	Ravenswood 3	7.4	327.8	329.5	2738
2644 >E	Pannell Road 345kV Voltage	Ravenswood 3	14.5	327.8	328.3	2739
2646 >E	Gordon Rd 345kV Voltage	Volney-Marcy	6.9	327.8	329.1	2572
2648 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	9.1	327.8	341.7	1841
2650 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	14.5	327.8	327.9	2615
2650 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	14.5	327.8	327.9	2610
2651 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	14.6	327.8	327.8	2641
2652 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	338.9	1843
2652 >E	New Scotland 345kV Voltage Alps	Marcy South S.	6.9	327.8	339.1	3099
2652 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	6.9	327.8	339.1	3099
2653 >E	St.Lawrence 230kV Voltage	SBK Edic R70	13.6	218.5	217.3	2705
2656 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	8.5	327.8	340.4	1899
2657 >E	Somerset 345kV Voltage	SBK Edic R945	8.5	327.8	340.4	1899

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2657 >E	Coopers Corners 345kV Voltage	Ravenswood 3	7.5	327.8	330.9	2751
2661 >E	Station 80 345kV Voltage	Volney-Marcy	16.0	327.8	335.4	2584
2662 >E	Station 80 345kV Voltage	Marcy South S.	15.7	327.8	335.4	3104
2668 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	7.5	327.8	329.5	2462
2671 >E	Coopers Corners 345kV Voltage	SBK Edic R70	7.7	327.8	329.1	2725
2677 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	7.7	327.8	328.4	2636
2679 >E	Coopers Corners 345kV Voltage	Volney-Marcy	7.6	327.8	328.1	2598
2679 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	7.8	327.8	328.0	2644
2680 >E	Ramapo 500kV Voltage	Ravenswood 3	32.6	500	505.3	2773
2680 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	7.8	327.8	327.9	2670
2683 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	19.1	218.5	224.3	1854
2687 >E	Gordon Rd 345kV Voltage	SBK Edic R70	8.3	327.8	323.6	2742
2687 >E	Watercure 230kV Voltage	Marcy South N.	15.3	207	231.7	3293
2692 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	8.1	327.8	326.4	2532
2693 >E	Fraser 345kV Voltage	Ph2 DC 1500	8.6	327.8	327.8	2931
2695 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	10.1	327.8	338.1	1858
2704 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	16.9	218.5	223.3	1919
2704 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	16.9	218.5	223.3	1919
2705 >E	Niagara 230kV East Voltage	SBK Edic R945	16.9	218.5	223.3	1919
2705 >E	Niagara 230kV West Voltage	SBK Edic R945	16.9	218.5	223.3	1919
2710 >E	Ramapo 345kV Voltage	Pre-Fault	30.8	NA	346	2710
2711 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	7.9	327.8	332.7	2669
2711 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	7.9	327.8	332.7	2669
2718 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	10.3	327.8	332.4	2943
2718 >E	Gilboa 345kV Voltage	Marcy South S.	9.0	327.8	335.9	3128
2727 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	8.0	327.8	331.0	2546
2727 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	8.0	327.8	331.0	2546
2731 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	18.7	218.5	222.2	1871
2731 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	18.7	218.5	222.2	1871
2742 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	9.0	327.8	329.3	2831
2742 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	9.0	327.8	329.3	2831
2743 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	8.6	327.8	329.1	2650
2743 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	8.6	327.8	329.1	2650
2747 >E	Ramapo 500kV Voltage	Ph2 DC 1500	47.2	500	506.0	2959
2752 >E	Ladentown 345kV Voltage	Pre-Fault	31.2	NA	346	2752
2757 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	9.2	327.8	327.7	2746
2757 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	9.2	327.8	327.7	2746
2757 >E	Leeds 345kV Voltage	Pre-Fault	18.2	NA	345	2757
2761 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	9.3	327.8	327.2	2725

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2761 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	9.3	327.8	327.2	2725
2768 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	9.5	327.8	326.4	2828
2768 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	9.5	327.8	326.4	2828
2775 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	12.8	207	226.8	1949
2777 >E	Watercure 230kV Voltage	SBK Edic R945	12.9	207	226.8	1949
2780 >E	Roseton 345kV Voltage	Pre-Fault	27.0	NA	345	2780
2781 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	12.1	327.8	338.4	2976
2781 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	12.1	327.8	338.4	2976
2786 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	10.3	327.8	329.6	2741
2793 >E	Gilboa 345kV Voltage	SBK Marcy R3108	10.4	327.8	329.0	2575
2798 >E	Gilboa 345kV Voltage	Ravenswood 3	10.7	327.8	328.5	2884
2800 >E	Gilboa 345kV Voltage	Volney-Marcy	10.6	327.8	328.3	2696
2806 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	10.8	327.8	327.8	2795
2806 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	9.8	327.8	322.3	2579
2806 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	9.8	327.8	322.3	2579
2807 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	10.9	327.8	327.7	2769
2811 >E	Gilboa 345kV Voltage	SBK Edic R70	11.0	327.8	327.3	2875
2817 >E	Gilboa 345kV Voltage	SBK Princetown 345	11.0	327.8	326.8	2589
2819 >E	Sprain Brook 345kV Voltage	Ravenswood 3	25.0	327.8	335.8	2903
2819 >E	Dunwoodie 345kV Voltage	Ravenswood 3	25.3	327.8	335.8	2904
2823 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	12.6	327.8	342.4	1969
2825 >E	Gilboa 345kV Voltage	SBK Edic R945	12.7	327.8	342.3	1969
2833 >E	Bowline 1 345kV Voltage	Pre-Fault	31.1	NA	345	2833
2840 >E	Pannell Road 345kV Voltage	SBK Edic R70	28.7	327.8	314.9	2905
2847 >E	Station 80 345kV Voltage	SBK Princetown 345	31.5	327.8	331.3	2615
2852 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	13.1	327.8	341.4	1981
2854 >E	Niagara 345kV Voltage	SBK Edic R945	13.1	327.8	341.3	1982
2863 >E	Niagara 230kV East Voltage	SBK Marcy R3108	27.6	218.5	225.4	2606
2863 >E	Niagara 230kV West Voltage	SBK Marcy R3108	27.6	218.5	225.4	2606
2864 >E	Bowline 2 345kV Voltage	Pre-Fault	32.8	NA	345	2864
2865 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	46.0	500	505.9	1986
2866 >E	Ramapo 500kV Voltage	SBK Edic R945	46.1	500	505.9	1987
2870 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	38.4	500	500.5	2822
2876 >E	Ramapo 500kV Voltage	SBK Princetown 345	39.3	500	500.4	2639
2877 >E	Ramapo 500kV Voltage	SBK Marcy R3108	39.2	500	500.4	2612
2878 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	17.0	207	224.7	1925
2879 >E	Ramapo 500kV Voltage	Volney-Marcy	39.4	500	500.3	2759
2883 >E	Ramapo 500kV Voltage	SBK Edic R70	39.4	500	500.2	2952
2883 >E	Millwood 345kV Voltage	Ravenswood 3	24.0	327.8	335.7	2964

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2885 >E	Niagara 230kV East Voltage	Pre-Fault	57.0	NA	225	2885
2885 >E	Niagara 230kV West Voltage	Pre-Fault	57.0	NA	225	2885
2888 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	40.0	500	500.1	2850
2890 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	40.1	500	500.0	2879
2891 >E	Buchanan North 345kV Voltage	Ravenswood 3	24.8	327.8	335.5	2971
2892 >E	Ramapo 500kV Voltage	Pre-Fault	40.2	NA	500	2892
2897 >E	Rock Tavern 345kV Voltage	Ravenswood 3	17.1	327.8	332.9	2978
2898 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	14.7	327.8	337.0	2000
2898 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	14.7	327.8	337.0	2000
2899 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	14.8	327.8	336.9	2001
2899 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	14.8	327.8	336.9	2001
2904 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	15.5	327.8	339.2	1934
2916 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	15.2	327.8	338.7	1939
2923 >E	Gilboa 345kV Voltage	Ph2 DC 1500	16.3	327.8	332.3	3050
2929 >E	Leeds 345kV Voltage	Marcy South S.	14.6	327.8	335.6	3218
2930 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	16.3	327.8	323.4	2014
2931 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	54.0	500	505.3	1944
2932 >E	Gordon Rd 345kV Voltage	SBK Edic R945	16.3	327.8	323.3	2014
2934 >E	Buchanan South 345kV Voltage	Ravenswood 3	24.1	327.8	336.0	3012
2947 >E	Niagara 230kV East Voltage	Ph2 DC 1500	36.3	218.5	224.3	3062
2947 >E	Niagara 230kV West Voltage	Ph2 DC 1500	36.3	218.5	224.3	3062
2955 >E	Somerset 345kV Voltage	Ph2 DC 1500	23.2	327.8	345.1	3066
2968 >E	Station 80 345kV Voltage	Ravenswood 3	43.9	327.8	328.5	3044
2980 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	18.5	327.8	328.6	2928
2981 >E	Rock Tavern 345kV Voltage	SBK Edic R70	18.7	327.8	328.5	3056
2983 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	18.7	327.8	328.4	2730
2987 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	17.6	327.8	333.0	1964
2987 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	17.6	327.8	333.0	1964
2992 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	44.0	327.8	328.0	2951
2993 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	44.0	327.8	328.0	2940
2993 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	19.0	327.8	327.9	2952
2994 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	19.0	327.8	327.8	2982
2994 >E	Rock Tavern 345kV Voltage	Volney-Marcy	18.8	327.8	327.8	2851
2999 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	44.5	327.8	327.9	2987
3000 >E	Gilboa 345kV Voltage	Marcy South N.	22.0	327.8	343.9	3428
3007 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	22.6	327.8	332.1	3081
3010 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	21.6	327.8	341.8	2047
3012 >E	Rock Tavern 345kV Voltage	SBK Edic R945	21.7	327.8	341.7	2048

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3018 >E	Fraser 345kV Voltage	Marcy South N.	23.1	327.8	327.8	3436
3018 >E	Watercure 230kV Voltage	SBK Marcy R3108	21.1	207	232.5	2673
3026 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	20.1	327.8	326.1	2676
3034 >E	Pleasant Valley 345kV Voltage	Marcy South S.	23.5	327.8	331.0	3263
3035 >E	Ramapo 345kV Voltage	Ravenswood 3	25.2	327.8	335.4	3107
3036 >E	Niagara 230kV East Voltage	Marcy South S.	41.0	218.5	222.4	3264
3036 >E	Niagara 230kV West Voltage	Marcy South S.	41.0	218.5	222.4	3264
3037 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	29.0	327.8	328.5	2983
3040 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	29.4	327.8	328.5	2986
3041 >E	Niagara 230kV East Voltage	Marcy South N.	48.9	218.5	232.0	3446
3041 >E	Niagara 230kV West Voltage	Marcy South N.	48.9	218.5	232.0	3446
3046 >E	Sprain Brook 345kV Voltage	SBK Edic R70	29.6	327.8	328.2	3126
3046 >E	Ladentown 345kV Voltage	Ravenswood 3	24.7	327.8	336.6	3117
3050 >E	Dunwoodie 345kV Voltage	SBK Edic R70	30.0	327.8	328.2	3130
3050 >E	Niagara 230kV East Voltage	Volney-Marcy	41.9	218.5	222.1	2896
3050 >E	Niagara 230kV West Voltage	Volney-Marcy	41.9	218.5	222.1	2896
3059 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	30.2	327.8	327.8	3046
3060 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	30.2	327.8	327.7	3018
3061 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	22.8	207	220.5	2069
3063 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	30.6	327.8	327.8	3050
3064 >E	Gardenville 230kV Voltage	SBK Edic R945	22.9	207	220.5	2070
3064 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	30.6	327.8	327.7	3022
3065 >E	Somerset 345kV Voltage	SBK Marcy R3108	27.3	327.8	365.8	2693
3069 >E	Niagara 345kV Voltage	Marcy South N.	24.4	327.8	355.2	3458
3070 >E	Leeds 345kV Voltage	Volney-Marcy	18.2	327.8	327.8	2912
3070 >E	Leeds 345kV Voltage	SBK Princetown 345	18.2	327.8	327.8	2804
3070 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	18.2	327.8	327.8	3015
3070 >E	Leeds 345kV Voltage	SBK Edic R70	18.2	327.8	327.8	3152
3070 >E	Leeds 345kV Voltage	SBK Marcy R3108	18.2	327.8	327.8	2696
3070 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	18.2	327.8	327.8	3058
3070 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	18.2	327.8	327.8	3028
3070 >E	Leeds 345kV Voltage	Ravenswood 3	18.2	327.8	327.8	3140
3073 >E	Sprain Brook 345kV Voltage	Volney-Marcy	30.7	327.8	327.3	2915
3074 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	30.5	327.8	327.3	2808
3077 >E	Dunwoodie 345kV Voltage	Volney-Marcy	31.1	327.8	327.3	2918
3078 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	23.1	327.8	329.2	3023
3079 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	31.0	327.8	327.3	2811
3082 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	27.4	327.8	328.8	3026

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3084 >E	Bowline 1 345kV Voltage	Ravenswood 3	24.6	327.8	336.9	3153
3095 >E	Millwood 345kV Voltage	SBK Edic R70	28.1	327.8	328.3	3178
3095 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	29.0	327.8	328.7	3039
3095 >E	Bowline 2 345kV Voltage	Ravenswood 3	24.6	327.8	338.0	3164
3099 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	32.1	327.8	326.4	2708
3104 >E	Buchanan North 345kV Voltage	SBK Edic R70	29.5	327.8	328.4	3188
3104 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	32.6	327.8	326.4	2710
3109 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	24.2	327.8	327.9	3194
3110 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	28.7	327.8	327.8	3097
3111 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	25.5	327.8	339.4	2009
3112 >E	Ramapo 500kV Voltage	Marcy South S.	65.8	500	494.5	3296
3112 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	28.7	327.8	327.7	3069
3113 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	24.4	327.8	327.8	3100
3116 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	24.4	327.8	327.6	3073
3117 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	24.4	327.8	327.6	2950
3122 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	30.2	327.8	327.8	3109
3122 >E	Roseton 345kV Voltage	Ravenswood 3	24.7	327.8	332.3	3189
3122 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	30.2	327.8	327.8	3079
3126 >E	Millwood 345kV Voltage	Volney-Marcy	29.2	327.8	327.3	2957
3126 >E	Buchanan North 345kV Voltage	SBK Princetown 345	30.3	327.8	327.7	2852
3127 >E	Millwood 345kV Voltage	SBK Princetown 345	29.1	327.8	327.2	2852
3128 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	24.8	327.8	327.2	2721
3136 >E	Buchanan North 345kV Voltage	Volney-Marcy	30.7	327.8	327.4	2965
3141 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	24.9	327.8	326.6	2864
3141 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	25.2	327.8	331.4	3163
3141 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	28.0	327.8	328.9	3083
3153 >E	Buchanan South 345kV Voltage	SBK Edic R70	28.6	327.8	328.5	3241
3155 >E	Millwood 345kV Voltage	SBK Marcy R3108	30.6	327.8	326.2	2732
3168 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	26.8	207	218.1	2030
3169 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	32.3	327.8	326.3	2738
3173 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	29.4	327.8	327.8	3160
3174 >E	Leeds 345kV Voltage	Marcy South N.	25.6	327.8	349.3	3503
3175 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	29.4	327.8	327.8	3131
3185 >E	Niagara 230kV East Voltage	SBK Princetown 345	51.8	218.5	219.7	2902
3185 >E	Niagara 230kV West Voltage	SBK Princetown 345	51.8	218.5	219.7	2902
3187 >E	Buchanan South 345kV Voltage	SBK Princetown 345	29.7	327.8	327.3	2904
3192 >E	Buchanan South 345kV Voltage	Volney-Marcy	30.0	327.8	327.2	3010

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3208 >E	Sprain Brook 345kV Voltage	Marcy South S.	37.7	327.8	322.9	3337
3210 >E	Dunwoodie 345kV Voltage	Marcy South S.	38.1	327.8	323.0	3338
3220 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	26.2	327.8	328.7	3159
3226 >E	Niagara 230kV East Voltage	Ravenswood 3	55.9	218.5	219.0	3287
3226 >E	Niagara 230kV West Voltage	Ravenswood 3	55.9	218.5	219.0	3287
3228 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	31.6	327.8	326.0	2764
3234 >E	Roseton 345kV Voltage	SBK Edic R70	26.8	327.8	328.2	3327
3235 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	29.5	327.8	329.0	3174
3243 >E	Ramapo 345kV Voltage	SBK Edic R70	29.9	327.8	328.7	3336
3245 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	27.0	327.8	327.8	3231
3246 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	27.0	327.8	327.8	3200
3249 >E	Ramapo 500kV Voltage	Marcy South N.	92.9	500	504.9	3536
3249 >E	Roseton 345kV Voltage	Volney-Marcy	27.0	327.8	327.6	3056
3251 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	56.6	218.5	218.6	3205
3251 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	56.6	218.5	218.6	3205
3251 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	56.6	218.5	218.6	3189
3251 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	56.6	218.5	218.6	3189
3252 >E	Roseton 345kV Voltage	SBK Princetown 345	27.1	327.8	327.5	2958
3254 >E	Niagara 230kV East Voltage	Princeton-N.Scot 345	56.9	218.5	218.5	3241
3254 >E	Niagara 230kV West Voltage	Princeton-N.Scot 345	56.9	218.5	218.5	3241
3267 >E	Ramapo 345kV Voltage	SBK Princetown 345	30.7	327.8	327.9	2972
3269 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	30.8	327.8	327.9	3223
3270 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	30.8	327.8	327.8	3256
3271 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	39.4	327.8	336.0	2157
3273 >E	Buchanan North 345kV Voltage	SBK Edic R945	39.5	327.8	336.0	2157
3275 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	29.5	327.8	329.2	3213
3278 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	42.9	327.8	331.7	2160
3279 >E	Roseton 345kV Voltage	SBK Marcy R3108	28.1	327.8	326.5	2786
3280 >E	Dunwoodie 345kV Voltage	SBK Edic R945	43.0	327.8	331.6	2160
3282 >E	Millwood 345kV Voltage	Marcy South S.	36.7	327.8	321.8	3369
3284 >E	Ladentown 345kV Voltage	SBK Edic R70	29.9	327.8	328.9	3381
3287 >E	Ramapo 345kV Voltage	Volney-Marcy	31.4	327.8	327.3	3086
3298 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	43.7	327.8	331.9	2168
3299 >E	Sprain Brook 345kV Voltage	SBK Edic R945	43.8	327.8	331.9	2168
3318 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	31.1	327.8	327.8	3304
3318 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	31.1	327.8	327.8	3271

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3322 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	29.5	327.8	329.3	3258
3325 >E	Ladentown 345kV Voltage	SBK Princetown 345	31.3	327.8	327.6	3020
3331 >E	Bowline 1 345kV Voltage	SBK Edic R70	29.9	327.8	329.0	3431
3336 >E	Ramapo 345kV Voltage	SBK Marcy R3108	33.3	327.8	325.7	2811
3346 >E	Ladentown 345kV Voltage	Volney-Marcy	32.1	327.8	326.9	3133
3360 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	46.9	327.8	330.2	2100
3367 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	31.1	327.8	327.8	3320
3367 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	31.1	327.8	327.8	3353
3369 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	30.7	327.8	329.6	3303
3374 >E	Bowline 1 345kV Voltage	SBK Princetown 345	31.3	327.8	327.6	3062
3374 >E	Bowline 2 345kV Voltage	SBK Edic R70	31.0	327.8	329.5	3477
3383 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	42.1	327.8	333.4	2203
3384 >E	Millwood 345kV Voltage	SBK Edic R945	42.2	327.8	333.4	2204
3385 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	48.0	327.8	330.3	2109
3387 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	44.8	327.8	334.2	2109
3396 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	37.7	327.8	339.7	2209
3398 >E	Ramapo 345kV Voltage	SBK Edic R945	37.8	327.8	339.7	2210
3399 >E	Bowline 1 345kV Voltage	Volney-Marcy	32.1	327.8	326.8	3176
3400 >E	Gardenville 230kV Voltage	Marcy South N.	40.9	207	232.5	3601
3401 >E	Ladentown 345kV Voltage	SBK Marcy R3108	34.1	327.8	325.2	2839
3427 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	47.0	327.8	332.8	3311
3427 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	32.8	327.8	327.9	3413
3427 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	32.8	327.8	327.8	3379
3434 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	41.8	327.8	335.4	2225
3436 >E	Buchanan South 345kV Voltage	SBK Edic R945	41.9	327.8	335.3	2226
3441 >E	Bowline 2 345kV Voltage	SBK Princetown 345	33.2	327.8	327.4	3120
3460 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	34.3	327.8	324.9	2865
3467 >E	Roseton 345kV Voltage	Marcy South S.	34.6	327.8	319.6	3449
3474 >E	Bowline 2 345kV Voltage	Volney-Marcy	34.3	327.8	326.4	3236
3475 >E	Watercure 230kV Voltage	Ph2 DC 1500	42.0	207	233.1	3336
3484 >E	Buchanan South 345kV Voltage	Marcy South S.	41.7	327.8	317.2	3456
3489 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	39.3	327.8	331.5	3343
3494 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	47.0	327.8	331.5	2148
3511 >E	Pleasant Valley 345kV Voltage	Marcy South N.	46.2	327.8	342.4	3649
3522 >E	Coopers Corners 345kV Voltage	Marcy South N.	38.7	327.8	308.3	3654
3531 >E	Leeds 345kV Voltage	Ph2 DC 1500	33.4	327.8	327.8	3365
3537 >E	Niagara 230kV East Voltage	SBK Edic R70	77.9	218.5	213.6	3651
3537 >E	Niagara 230kV West Voltage	SBK Edic R70	77.9	218.5	213.6	3651
3545 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	36.9	327.8	324.3	2902

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3550 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	39.0	327.8	337.2	2273
3550 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	41.6	327.8	339.7	2274
3552 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	44.0	327.8	337.5	2169
3553 >E	Roseton 345kV Voltage	SBK Edic R945	39.0	327.8	337.2	2274
3553 >E	Ladentown 345kV Voltage	SBK Edic R945	41.7	327.8	339.6	2275
3554 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	41.5	327.8	332.2	2275
3556 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	41.5	327.8	332.1	2276
3557 >E	Ramapo 345kV Voltage	Ph2 DC 1500	43.9	327.8	333.9	3379
3566 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	47.3	327.8	333.3	2174
3569 >E	Millwood 345kV Voltage	Ph2 DC 1500	50.1	327.8	331.7	3385
3584 >E	Buchanan North 345kV Voltage	Marcy South S.	48.2	327.8	312.6	3498
3595 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	58.6	327.8	330.8	3399
3601 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	59.1	327.8	330.7	3401
3601 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	48.7	327.8	332.9	3402
3629 >E	Roseton 345kV Voltage	Ph2 DC 1500	41.2	327.8	331.3	3416
3662 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	43.3	327.8	341.2	2320
3666 >E	Bowline 1 345kV Voltage	SBK Edic R945	43.4	327.8	341.1	2322
3676 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	45.9	327.8	329.8	2214
3697 >E	Ladentown 345kV Voltage	Ph2 DC 1500	47.0	327.8	335.1	3452
3697 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	44.1	327.8	334.7	2222
3733 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	48.5	327.8	337.2	2235
3741 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	45.4	327.8	340.6	2353
3745 >E	Bowline 2 345kV Voltage	SBK Edic R945	45.6	327.8	340.5	2355
3779 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	47.2	327.8	336.9	3494
3794 >E	Leeds 345kV Voltage	SBK Edic R945	41.9	327.8	327.8	2376
3794 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	41.9	327.8	327.8	2376
3794 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	41.9	327.8	327.8	2257
3873 >E	Rainey 345kV Voltage	Ravenswood 3	64.1	327.8	341.2	3896
3887 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	51.3	327.8	338.4	2291
3892 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	50.6	327.8	336.1	3552
3951 >E	Farragut 345kV Voltage	Ravenswood 3	67.6	327.8	340.4	3970
3955 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	53.0	327.8	337.9	2316
3981 >E	Rock Tavern 345kV Voltage	Marcy South S.	46.5	327.8	276.0	3669
4084 >E	Watercure 230kV Voltage	Volney-Marcy	64.5	207	232.9	3725
4152 >E	Ladentown 345kV Voltage	Marcy South S.	58.8	327.8	301.1	3742
4177 >E	Ramapo 345kV Voltage	Marcy South S.	60.9	327.8	298.4	3753
4178 >E	Gardenville 230kV Voltage	Ph2 DC 1500	65.3	207	226.2	3701
4198 >E	Rainey 345kV Voltage	Pre-Fault	100.6	NA	338	4198
4205 >E	Roseton 345kV Voltage	Marcy South N.	64.8	327.8	338.0	3950
4206 >E	Farragut 345kV Voltage	Pre-Fault	104.4	NA	338	4206
4262 >E	Millwood 345kV Voltage	Marcy South N.	86.8	327.8	335.8	3974

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4263 >E	Coopers Corners 345kV Voltage	Marcy South S.	42.5	327.8	125.5	3790
4345 >E	Dunwoodie 345kV Voltage	Marcy South N.	103.8	327.8	334.1	4010
4353 >E	Sprain Brook 345kV Voltage	Marcy South N.	103.6	327.8	334.1	4014
4363 >E	Rock Tavern 345kV Voltage	Marcy South N.	68.7	327.8	323.3	4018
4422 >E	Bowline 1 345kV Voltage	Marcy South S.	65.2	327.8	294.0	3858
4438 >E	Bowline 2 345kV Voltage	Marcy South S.	64.8	327.8	297.1	3864
4539 >E	Watercure 230kV Voltage	Marcy South S.	80.5	207	233.1	3908
4564 >E	Niagara 345kV Voltage	Ph2 DC 1500	75.7	327.8	368.6	3901
4576 >E	Goethals 345kV Voltage	Ravenswood 3	92.6	327.8	339.2	4559
4583 >E	Buchanan South 345kV Voltage	Marcy South N.	93.6	327.8	335.3	4113
4591 >E	Buchanan North 345kV Voltage	Marcy South N.	102.0	327.8	332.4	4117
4744 >E	Goethals 345kV Voltage	Pre-Fault	141.3	NA	338	4744
5116 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	96.6	327.8	328.9	4986
5160 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	100.3	327.8	328.9	5029
5168 >E	Rainey 345kV Voltage	SBK Edic R70	98.6	327.8	328.4	5396
5213 >E	Farragut 345kV Voltage	SBK Edic R70	102.3	327.8	328.4	5444
5224 >E	Rainey 345kV Voltage	Princeton-N.Scot 345	100.6	327.8	327.8	5199
5230 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	100.7	327.8	327.7	5147
5270 >E	Farragut 345kV Voltage	Princeton-N.Scot 345	104.4	327.8	327.8	5245
5273 >E	Rainey 345kV Voltage	SBK Princeton 345	102.1	327.8	327.3	4676
5277 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	104.6	327.8	327.7	5193
5282 >E	Ramapo 345kV Voltage	Marcy South N.	110.3	327.8	330.8	4416
5286 >E	Rainey 345kV Voltage	Volney-Marcy	102.7	327.8	327.2	4688
5321 >E	Farragut 345kV Voltage	SBK Princeton 345	105.9	327.8	327.3	4716
5333 >E	Farragut 345kV Voltage	Volney-Marcy	106.6	327.8	327.2	4726
5427 >E	Rainey 345kV Voltage	SBK Marcy R3108	107.9	327.8	325.8	3718
5478 >E	Farragut 345kV Voltage	SBK Marcy R3108	112.0	327.8	325.8	3740
5512 >E	Ladentown 345kV Voltage	Marcy South N.	114.9	327.8	333.0	4516
5969 >E	Rainey 345kV Voltage	Marcy South S.	127.6	327.8	320.4	4520
6029 >E	Farragut 345kV Voltage	Marcy South S.	132.5	327.8	320.5	4546
6036 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	135.6	327.8	328.9	5873
6040 >E	Bowline 1 345kV Voltage	Marcy South N.	127.5	327.8	333.3	4744
6071 >E	Bowline 2 345kV Voltage	Marcy South N.	126.6	327.8	333.4	4758
6105 >E	Goethals 345kV Voltage	SBK Edic R70	138.3	327.8	328.4	6399
6184 >E	Goethals 345kV Voltage	Princeton-N.Scot 345	141.2	327.8	327.8	6153
6192 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	141.5	327.8	327.8	6092
6251 >E	Goethals 345kV Voltage	SBK Princeton 345	143.4	327.8	327.3	5507
6271 >E	Goethals 345kV Voltage	Volney-Marcy	144.4	327.8	327.2	5478

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6476 >E	Goethals 345kV Voltage	SBK Marcy R3108	152.3	327.8	325.7	4174
6797 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	159.0	327.8	334.7	3634
6805 >E	Rainey 345kV Voltage	SBK Edic R945	159.3	327.8	334.7	3637
6920 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	166.9	327.8	334.7	3685
6928 >E	Farragut 345kV Voltage	SBK Edic R945	167.2	327.8	334.7	3689
7204 >E	Goethals 345kV Voltage	Marcy South S.	179.9	327.8	320.6	5049
7292 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	176.9	327.8	332.4	3526
7433 >E	Rainey 345kV Voltage	Ph2 DC 1500	181.9	327.8	333.5	5389
7438 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	186.1	327.8	332.4	3579
7489 >E	Farragut 345kV Voltage	Ph2 DC 1500	187.8	327.8	333.5	5419
8420 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	227.3	327.8	334.5	4314
8429 >E	Goethals 345kV Voltage	SBK Edic R945	227.6	327.8	334.5	4318
8564 >E	Gardenville 230kV Voltage	SBK Marcy R3108	237.0	207	328.8	5080
8759 >E	Watercure 230kV Voltage	SBK Princetown 345	249.8	207	234.5	7638
9000 >E	Goethals 345kV Voltage	Ph2 DC 1500	249.0	327.8	334.0	6203
9107 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	253.2	327.8	332.3	4184
11524 >E	Rainey 345kV Voltage	Marcy South N.	335.7	327.8	337.0	7119
11654 >E	Farragut 345kV Voltage	Marcy South N.	347.5	327.8	336.8	7175
14979 >E	Goethals 345kV Voltage	Marcy South N.	481.0	327.8	336.5	8614
20418 >E	Northport 138kV Voltage	Ph2 DC 1500	1406.2	131.1	133.7	12126
20670 >E	Watercure 230kV Voltage	Ravenswood 3	730.8	207	238.7	19713
38002 >E	Northport 138kV Voltage	Marcy South N.	2801.4	131.1	134.8	18582
99998 >E	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
99998 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr	NA	207	NA	99998
>E		345				
99998	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr	NA	327.8	NA	99998
>E		345				
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
>E						
99998	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

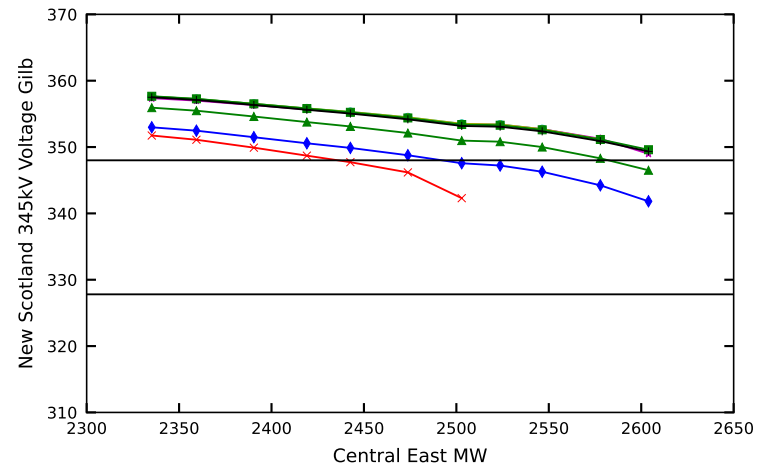
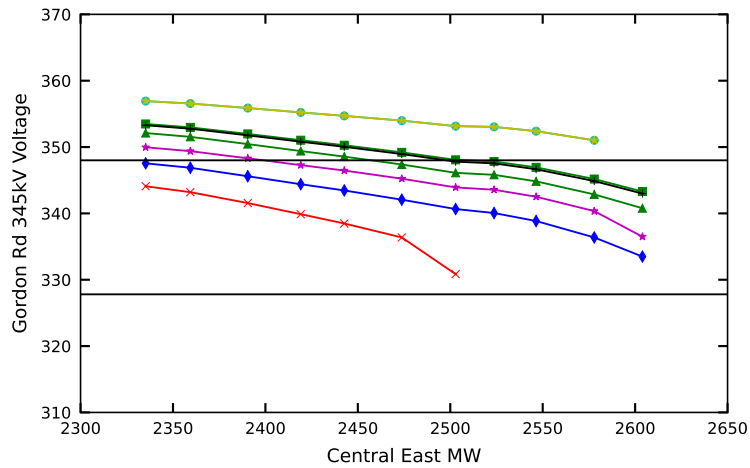
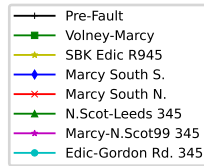
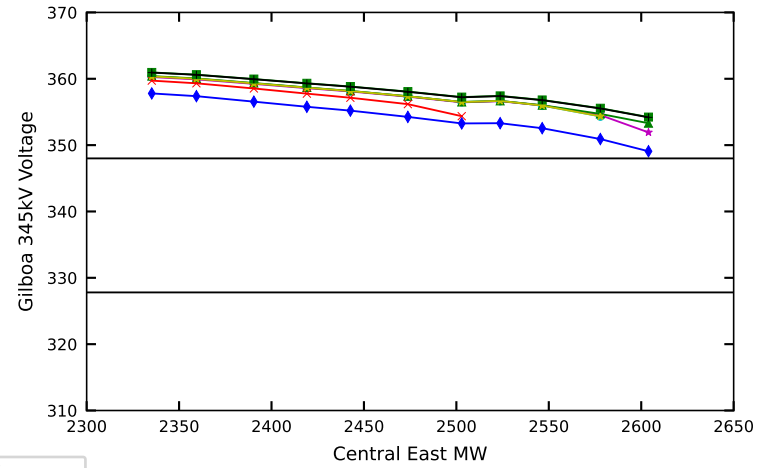
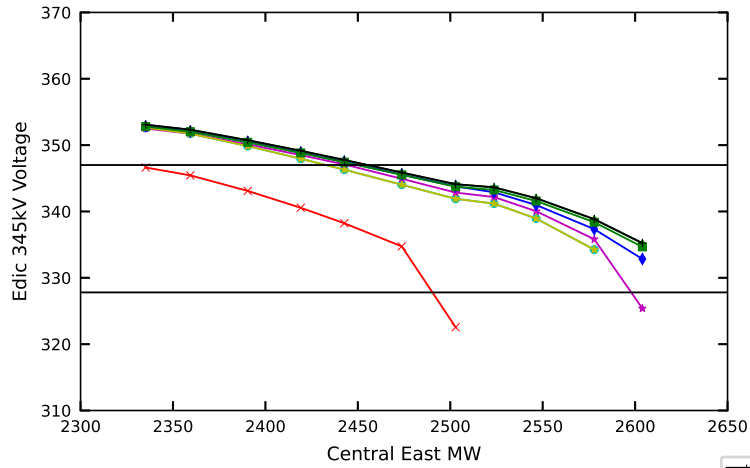
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1: 2023S CEVC PH2 CE2210 MS2270 DE1300 00 0M_CAPS

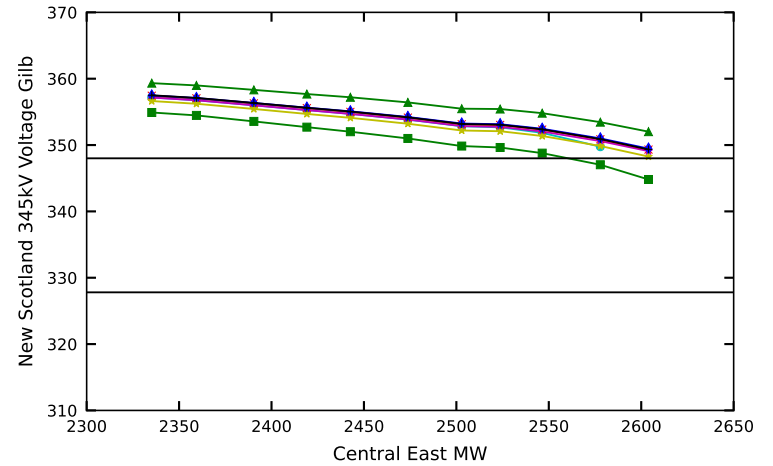
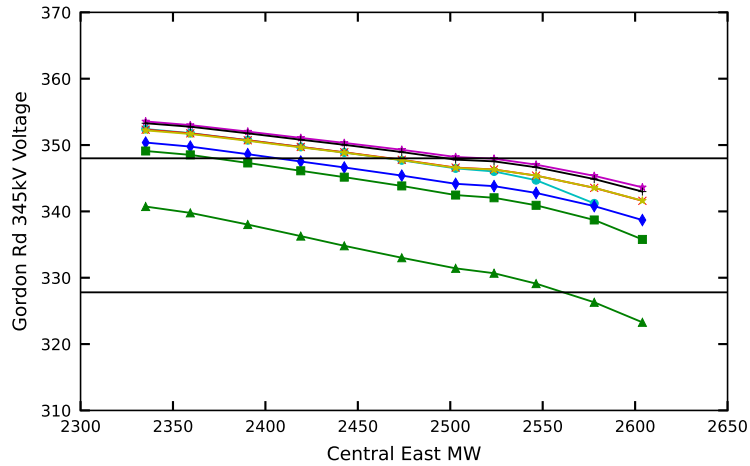
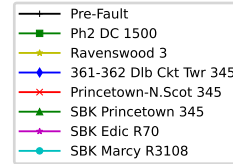
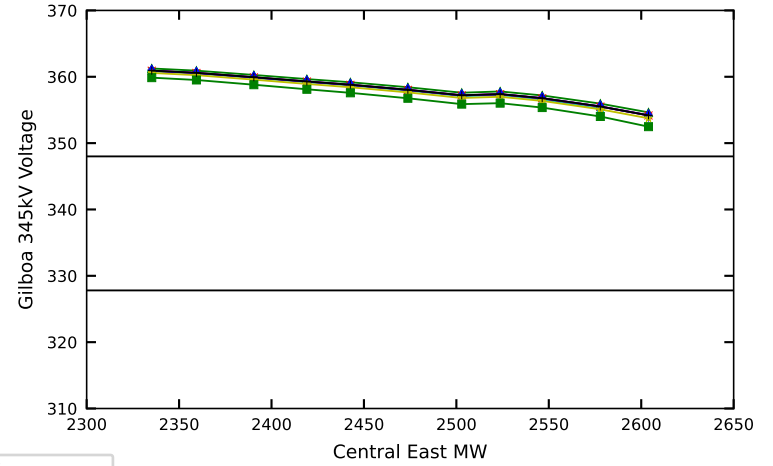
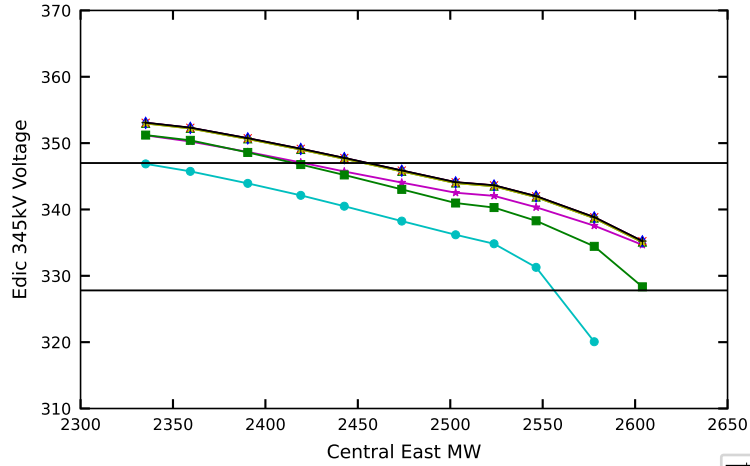
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Station 80 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

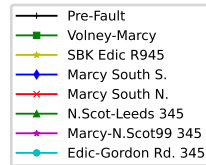
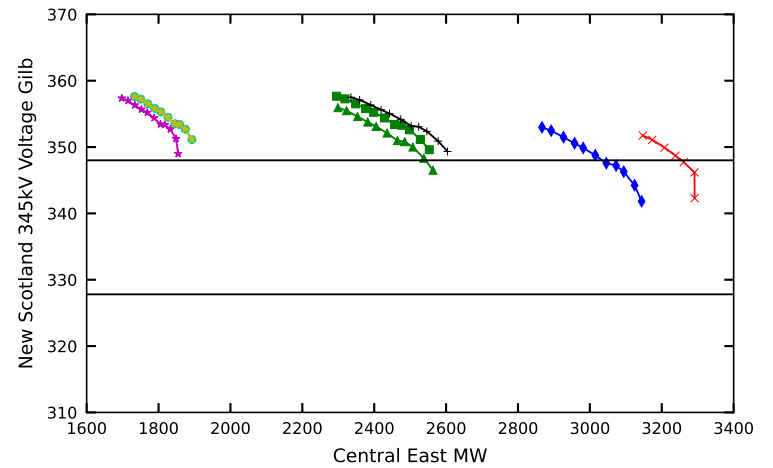
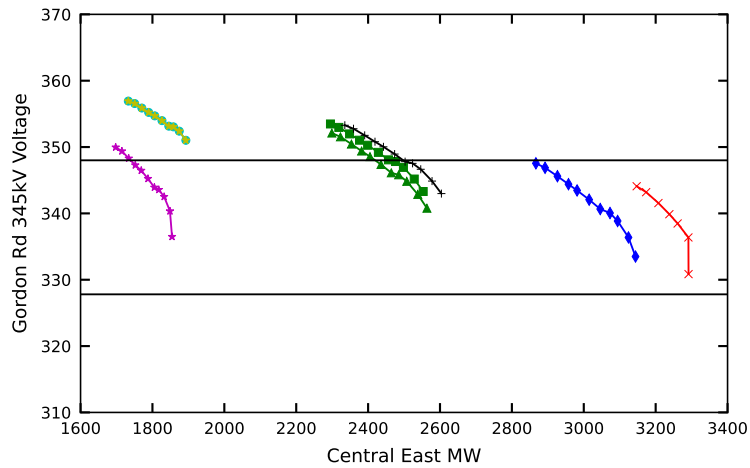
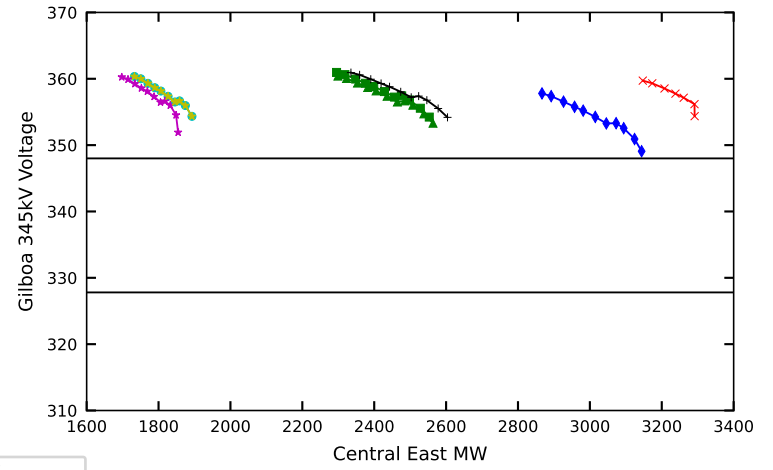
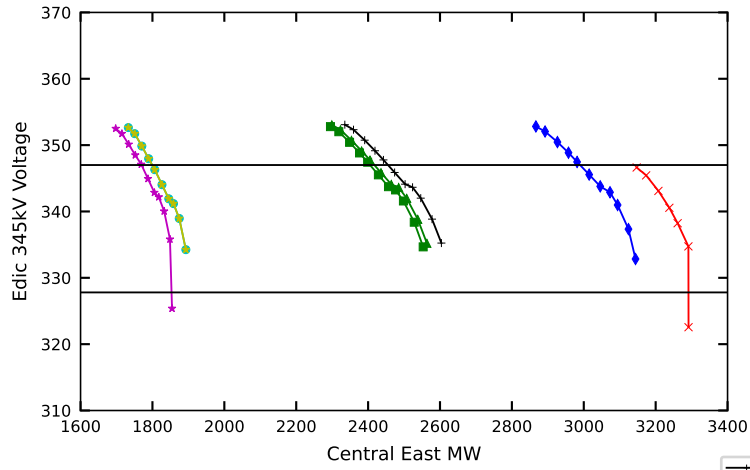
1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0NS_CAPS Figure 1



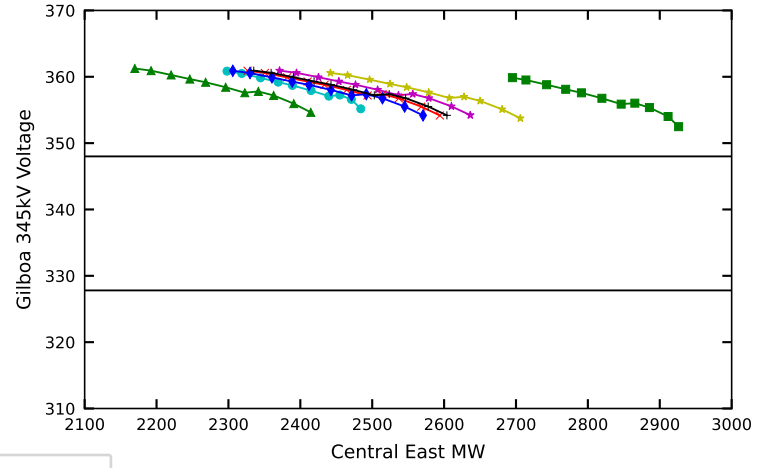
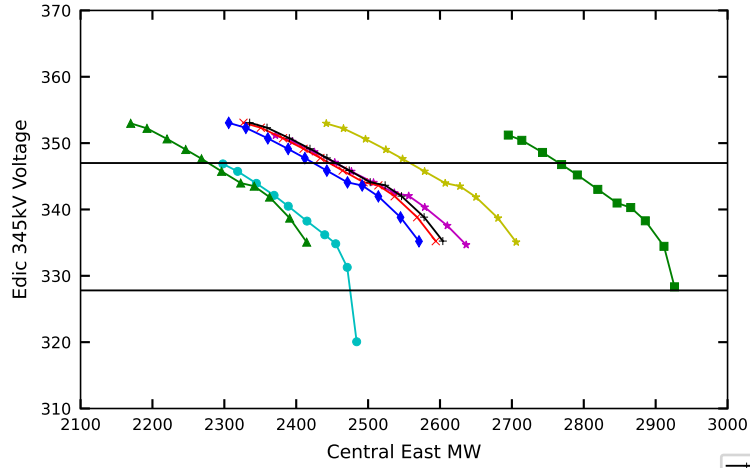
1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0NS_CAPS Figure 2



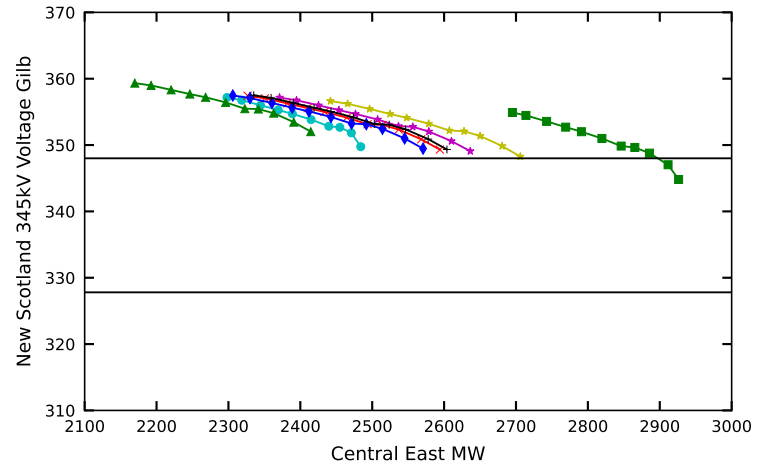
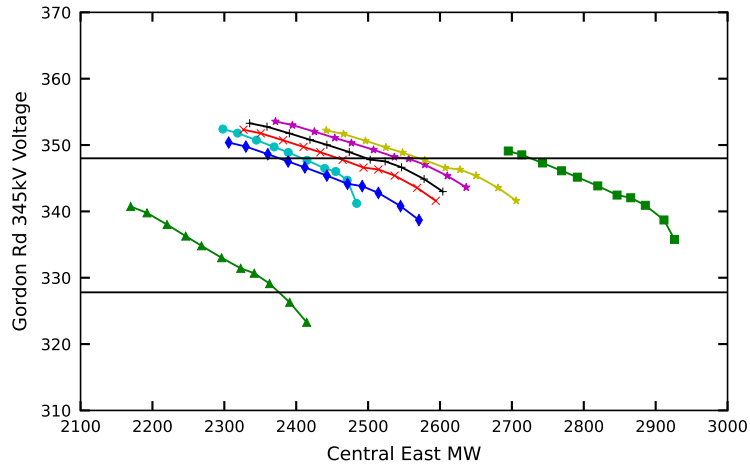
1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0NS_CAPS Figure 1



1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 0NS_CAPS Figure 2



- Pre-Fault
- Ph2 DC 1500
- ▲ Ravenswood 3
- ◆ 361-362 Dlb Ckt Twr 345
- × Princetown-N.Scot 345
- ▲ SBK Princetown 345
- ◆ SBK Edic R70
- SBK Marcy R3108



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

Interface: Central East

Transfe	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
MW		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
2335	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2359	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2390	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2419	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2442	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2473	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2502	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2523	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2546	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2577	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2603	t1	0	2	0	0	2	0	2	0	2	0	0	0	0	0	0
	1															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic- Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	2
ce02) Marcy- N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0
ce03) N.Scot- Leeds 345	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	2
ce13) Volney- Marcy	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Prinetown 345	0	0	0	0	0	0	0	0	0	0	0
ce31) Prinetown- N.Scot 345	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2243 <E	Dunwoodie 345kV Voltage	Pre-Fault	105.9	NA	348	2243
2254 <E	Sprain Brook 345kV Voltage	Pre-Fault	106.0	NA	348	2254
2377	limit with 5% margin	Marcy South N.	NA	NA	NA	3126
2441	Marcy 345kV Voltage	Pre-Fault	17.0	NA	348	2441
2448	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1798
2448	limit with 5% margin	SBK Edic R945	NA	NA	NA	1798
2448	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2359
2452	Pannell Road 345kV Voltage	Pre-Fault	35.2	NA	346	2452
2455	Edic 345kV Voltage	Pre-Fault	16.4	NA	347	2455
2456	Clay 345kV Voltage	Pre-Fault	19.9	NA	345	2456
2456	Station 80 345kV Voltage	Pre-Fault	37.6	NA	346	2456
2473	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1761
2473	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2435
2473	limit with 5% margin	Marcy South S.	NA	NA	NA	2986
2473	limit with 5% margin	Volney-Marcy	NA	NA	NA	2425
2473	limit with 5% margin	SBK Edic R70	NA	NA	NA	2504
2473	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2293
2473	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2464
2473	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2442
2473	limit with 5% margin	Ravenswood 3	NA	NA	NA	2570
2473	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2779
2484	Clay 345kV Voltage	Marcy South N.	2.3	327.8	343.6	3291
2490	Edic 345kV Voltage	Marcy South N.	2.4	327.8	344.9	3291
2491	Marcy 345kV Voltage	Marcy South N.	2.4	327.8	344.9	3291
2497	Gordon Rd 345kV Voltage	Pre-Fault	25.4	NA	348	2497
2513 >E	Pannell Road 345kV Voltage	Marcy South N.	3.9	327.8	344.4	3291
2518 >E	Gordon Rd 345kV Voltage	Marcy South N.	5.3	327.8	347.2	3291
2530 >E	Station 80 345kV Voltage	Marcy South N.	4.8	327.8	344.6	3291
2538 >E	Oakdale 345kV Voltage	Marcy South N.	3.8	320	347.9	3291
2551	Clay 345kV Voltage	SBK Marcy R3108	2.3	327.8	340.2	2473
2556	Edic 345kV Voltage	SBK Marcy R3108	2.8	327.8	341.0	2475
2561	Gordon Rd 345kV Voltage	SBK Princetown 345	11.2	327.8	345.8	2375
2582 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.7	327.8	340.3	2486
2593	Clay 345kV Voltage	Marcy-N.Scot99 345	2.5	327.8	335.7	1852
2597	Millwood 345kV Voltage	Pre-Fault	48.0	NA	348	2597
2597 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.4	327.8	340.1	2492
2597	Edic 345kV Voltage	Marcy-N.Scot99 345	2.5	327.8	336.1	1853
2600	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.5	327.8	335.9	1853
2604 >E	Clay 345kV Voltage	Ph2 DC 1500	4.2	327.8	334.4	2926
2606 >E	Edic 345kV Voltage	Ph2 DC 1500	4.3	327.8	334.9	2927

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2607 >E	Marcy 345kV Voltage	Ph2 DC 1500	4.3	327.8	334.8	2928
2611 >E	New Scotland 345kV Voltage Alps	Marcy South N.	7.5	327.8	349.4	3292
2611 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	7.5	327.8	349.4	3292
2614 >E	Clay 345kV Voltage	Volney-Marcy	5.8	327.8	333.1	2563
2615 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	7.3	327.8	334.2	1915
2615 >E	Clay 345kV Voltage	SBK Edic R945	7.3	327.8	334.2	1915
2620 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	334.7	1917
2620 >E	Marcy 345kV Voltage	SBK Edic R945	6.7	327.8	334.7	1917
2620 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	334.5	1918
2621 >E	Edic 345kV Voltage	SBK Edic R945	6.7	327.8	334.5	1918
2623 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	4.3	327.8	337.4	1858
2626 >E	New Scotland 345kV Voltage Alps	Pre-Fault	16.7	NA	348	2626
2626 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	16.7	NA	348	2626
2627 >E	St.Lawrence 230kV Voltage	Marcy South N.	12.2	218.5	230.6	3293
2633 >E	Edic 345kV Voltage	Marcy South S.	5.8	327.8	331.2	3165
2633 >E	Clay 345kV Voltage	Marcy South S.	6.5	327.8	330.8	3166
2635 >E	Marcy 345kV Voltage	Marcy South S.	5.8	327.8	331.0	3167
2642 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.1	320	337.1	1863
2643 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	5.5	327.8	338.2	1863
2646 >E	Oakdale 345kV Voltage	SBK Marcy R3108	4.4	320	339.9	2512
2652 >E	Edic 345kV Voltage	Volney-Marcy	7.0	327.8	328.6	2599
2652 >E	Clay 345kV Voltage	SBK Princetown 345	7.9	327.8	328.4	2459
2654 >E	Clay 345kV Voltage	Ravenswood 3	7.9	327.8	328.3	2754
2655 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	7.4	327.8	335.2	2955
2655 >E	Gordon Rd 345kV Voltage	Marcy South S.	9.0	327.8	339.3	3182
2656 >E	Edic 345kV Voltage	SBK Princetown 345	7.2	327.8	328.0	2462
2656 >E	Edic 345kV Voltage	Ravenswood 3	7.2	327.8	328.0	2756
2656 >E	Clay 345kV Voltage	N.Scot-Leeds 345	8.0	327.8	327.9	2615
2656 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	8.0	327.8	327.9	2622
2656 >E	Clay 345kV Voltage	SBK Edic R70	8.8	327.8	327.9	2689
2657 >E	Edic 345kV Voltage	N.Scot-Leeds 345	7.2	327.8	327.8	2615
2657 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	7.2	327.8	327.8	2623
2657 >E	Edic 345kV Voltage	Princetown-N.Scot 345	7.2	327.8	327.8	2647
2657 >E	Clay 345kV Voltage	Princetown-N.Scot 345	8.1	327.8	327.8	2647
2658 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	7.2	327.8	327.8	2616
2658 >E	Marcy 345kV Voltage	Volney-Marcy	7.2	327.8	327.8	2604
2658 >E	Marcy 345kV Voltage	SBK Edic R70	7.2	327.8	327.8	2691
2658 >E	Marcy 345kV Voltage	SBK Princetown 345	7.2	327.8	327.8	2463
2658 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	7.2	327.8	327.8	2648

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2658 >E	Marcy 345kV Voltage	Ravenswood 3	7.2	327.8	327.8	2758
2658 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	7.2	327.8	327.8	2624
2658 >E	Oakdale 345kV Voltage	Pre-Fault	7.6	NA	335	2658
2662 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	6.8	327.8	338.7	1867
2665 >E	Edic 345kV Voltage	SBK Edic R70	9.0	327.8	326.7	2698
2668 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	9.2	327.8	333.1	1946
2669 >E	Pannell Road 345kV Voltage	SBK Edic R945	9.2	327.8	333.1	1946
2669 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	342.2	1868
2670 >E	Buchanan North 345kV Voltage	Pre-Fault	51.1	NA	346	2670
2674 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.9	327.8	337.9	2966
2681 >E	Watercure 230kV Voltage	Marcy South N.	10.1	207	231.2	3293
2684 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.0	327.8	342.9	1872
2686 >E	Station 80 345kV Voltage	Ph2 DC 1500	9.7	327.8	336.0	2972
2688 >E	Marcy 345kV Voltage	SBK Marcy R3108	9.9	327.8	327.8	2530
2688 >E	Pannell Road 345kV Voltage	Volney-Marcy	10.2	327.8	332.7	2634
2691 >E	Somerset 345kV Voltage	Marcy South N.	10.1	327.8	354.2	3293
2692 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	10.1	327.8	332.7	1959
2692 >E	Station 80 345kV Voltage	SBK Edic R945	10.1	327.8	332.6	1959
2698 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	9.0	327.8	338.0	2534
2700 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.5	320	329.4	2980
2708 >E	Somerset 345kV Voltage	SBK Marcy R3108	7.3	327.8	342.9	2538
2710 >E	Fraser 345kV Voltage	Pre-Fault	9.9	NA	338	2710
2711 >E	Pannell Road 345kV Voltage	Marcy South S.	11.2	327.8	331.1	3224
2717 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	11.5	218.5	225.2	1879
2721 >E	St.Lawrence 230kV Voltage	Pre-Fault	25.5	NA	225	2721
2724 >E	Gilboa 345kV Voltage	Pre-Fault	19.5	NA	348	2724
2728 >E	Oakdale 345kV Voltage	Volney-Marcy	6.5	320	325.8	2671
2738 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	12.4	327.8	333.2	2703
2741 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	8.1	320	332.0	1988
2741 >E	Oakdale 345kV Voltage	SBK Edic R945	8.1	320	332.0	1988
2744 >E	Station 80 345kV Voltage	Volney-Marcy	13.7	327.8	333.0	2687
2749 >E	Pannell Road 345kV Voltage	SBK Princetown 345	13.6	327.8	328.4	2546
2749 >E	Pannell Road 345kV Voltage	Ravenswood 3	13.7	327.8	328.4	2847
2751 >E	Pleasant Valley 345kV Voltage	Pre-Fault	42.7	NA	348	2751
2753 >E	Oakdale 345kV Voltage	Marcy South S.	7.0	320	322.5	3256
2754 >E	Coopers Corners 345kV Voltage	Pre-Fault	14.2	NA	338	2754
2755 >E	New Scotland 345kV Voltage Alps	Marcy South S.	10.8	327.8	340.3	3258
2755 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	10.8	327.8	340.3	3258
2755 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	13.8	327.8	327.9	2711

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Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2756 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	13.8	327.8	327.9	2720
2757 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	13.9	327.8	327.8	2746
2759 >E	Rock Tavern 345kV Voltage	Pre-Fault	34.9	NA	348	2759
2761 >E	Oakdale 345kV Voltage	SBK Princetown 345	7.4	320	321.4	2557
2763 >E	Oakdale 345kV Voltage	Ravenswood 3	7.5	320	321.1	2861
2765 >E	Pannell Road 345kV Voltage	SBK Edic R70	15.2	327.8	327.2	2799
2766 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	12.5	327.8	331.2	2722
2766 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	17.3	218.5	223.2	3017
2770 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	7.5	320	320.2	2725
2770 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	7.5	320	320.2	2734
2771 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	7.6	320	320.1	2760
2774 >E	Station 80 345kV Voltage	Marcy South S.	15.1	327.8	331.4	3272
2776 >E	Niagara 230kV East Voltage	Marcy South N.	20.9	218.5	229.1	3294
2776 >E	Niagara 230kV West Voltage	Marcy South N.	20.9	218.5	229.1	3294
2776 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	8.9	327.8	336.4	2009
2776 >E	Oakdale 345kV Voltage	SBK Edic R70	7.8	320	319.4	2810
2776 >E	Fraser 345kV Voltage	SBK Edic R945	8.9	327.8	336.3	2009
2784 >E	Buchanan South 345kV Voltage	Pre-Fault	50.1	NA	346	2784
2787 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	13.3	327.8	329.7	2777
2790 >E	Gordon Rd 345kV Voltage	Ravenswood 3	13.5	327.8	329.5	2886
2793 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	12.4	327.8	338.4	2018
2793 >E	Coopers Corners 345kV Voltage	SBK Edic R945	12.4	327.8	338.4	2018
2803 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	11.7	327.8	337.4	3038
2803 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	11.7	327.8	337.4	3038
2803 >E	Ramapo 500kV Voltage	Ph2 DC 1500	45.0	500	506.1	3038
2811 >E	Fraser 345kV Voltage	Marcy South S.	9.9	327.8	327.8	3300
2811 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	9.9	327.8	327.8	2800
2811 >E	Fraser 345kV Voltage	SBK Edic R70	9.9	327.8	327.8	2845
2811 >E	Fraser 345kV Voltage	SBK Princetown 345	9.9	327.8	327.8	2603
2811 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	9.9	327.8	327.8	2775
2811 >E	Fraser 345kV Voltage	Ph2 DC 1500	9.9	327.8	327.8	3043
2811 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	9.9	327.8	327.8	2766
2811 >E	Fraser 345kV Voltage	Volney-Marcy	9.9	327.8	327.8	2751
2811 >E	Fraser 345kV Voltage	Ravenswood 3	9.9	327.8	327.8	2907
2818 >E	Gordon Rd 345kV Voltage	Volney-Marcy	13.9	327.8	327.4	2758
2827 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	31.5	500	505.7	1903
2827 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	11.6	327.8	332.8	3052
2830 >E	Station 80 345kV Voltage	Ravenswood 3	19.0	327.8	328.5	2926

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2832 >E	Station 80 345kV Voltage	SBK Princetown 345	18.8	327.8	328.4	2622
2836 >E	Ramapo 500kV Voltage	Ravenswood 3	51.5	500	505.6	2932
2839 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	12.1	327.8	347.7	1906
2841 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	19.2	327.8	327.9	2795
2842 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	19.2	327.8	327.9	2805
2842 >E	Gordon Rd 345kV Voltage	SBK Edic R70	15.1	327.8	325.7	2876
2843 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	19.3	327.8	327.8	2832
2843 >E	Watercure 230kV Voltage	SBK Marcy R3108	12.4	207	226.3	2594
2844 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	10.0	327.8	341.8	1907
2847 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	11.5	327.8	334.7	1908
2847 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	11.5	327.8	334.7	1908
2850 >E	Coopers Corners 345kV Voltage	Ravenswood 3	13.5	327.8	331.2	2945
2853 >E	St.Lawrence 230kV Voltage	Marcy South S.	22.4	218.5	219.8	3331
2854 >E	St.Lawrence 230kV Voltage	SBK Edic R70	22.6	218.5	219.8	2889
2860 >E	Station 80 345kV Voltage	SBK Edic R70	21.3	327.8	327.0	2894
2872 >E	Niagara 345kV Voltage	SBK Marcy R3108	11.0	327.8	342.4	2606
2872 >E	Niagara 230kV East Voltage	SBK Marcy R3108	22.9	218.5	226.1	2607
2872 >E	Niagara 230kV West Voltage	SBK Marcy R3108	22.9	218.5	226.1	2607
2874 >E	St.Lawrence 230kV Voltage	Volney-Marcy	25.0	218.5	219.0	2811
2875 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	14.5	327.8	333.1	2828
2875 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	14.5	327.8	333.1	2828
2876 >E	St.Lawrence 230kV Voltage	Ravenswood 3	25.3	218.5	218.9	2970
2880 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	14.0	327.8	329.1	2665
2881 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	14.2	327.8	332.9	2070
2881 >E	Coopers Corners 345kV Voltage	SBK Edic R70	14.2	327.8	329.0	2916
2882 >E	Somerset 345kV Voltage	SBK Edic R945	14.2	327.8	332.9	2070
2885 >E	Fraser 345kV Voltage	SBK Marcy R3108	13.0	327.8	328.0	2612
2887 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	25.5	218.5	218.5	2875
2887 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	25.5	218.5	218.5	2850
2887 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	25.5	218.5	218.5	2840
2890 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	25.6	218.5	218.4	2675
2890 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	14.1	327.8	328.4	2843
2895 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	28.8	218.5	223.5	2616
2895 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	23.2	218.5	225.5	1918
2895 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	23.2	218.5	225.5	1918
2895 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	14.2	327.8	328.0	2858
2898 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	14.2	327.8	327.9	2887
2904 >E	Gilboa 345kV Voltage	Marcy South S.	14.1	327.8	338.7	3370

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2908 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	15.0	327.8	335.4	2621
2908 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	15.0	327.8	335.4	2621
2910 >E	Coopers Corners 345kV Voltage	Volney-Marcy	14.5	327.8	327.0	2845
2916 >E	Niagara 230kV East Voltage	Pre-Fault	45.0	NA	225	2916
2916 >E	Niagara 230kV West Voltage	Pre-Fault	45.0	NA	225	2916
2917 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	14.4	207	233.8	1923
2923 >E	Ramapo 345kV Voltage	Pre-Fault	54.8	NA	346	2923
2930 >E	Gilboa 345kV Voltage	Marcy South N.	16.1	327.8	345.0	3296
2938 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	16.4	327.8	329.3	3031
2938 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	16.4	327.8	329.3	3031
2962 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	33.0	218.5	222.0	2117
2963 >E	St.Lawrence 230kV Voltage	SBK Edic R945	33.0	218.5	222.0	2118
2964 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	16.8	327.8	327.7	2953
2964 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	16.8	327.8	327.7	2953
2970 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	16.8	327.8	327.4	2903
2970 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	16.8	327.8	327.4	2903
2971 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	17.3	327.8	327.4	3006
2971 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	17.3	327.8	327.4	3006
2971 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	17.0	327.8	327.4	2932
2971 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	17.0	327.8	327.4	2932
2983 >E	Niagara 230kV East Voltage	Ph2 DC 1500	30.5	218.5	223.5	3140
2983 >E	Niagara 230kV West Voltage	Ph2 DC 1500	30.5	218.5	223.5	3140
2994 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	17.3	327.8	341.3	1940
3001 >E	Ladentown 345kV Voltage	Pre-Fault	55.9	NA	346	3001
3003 >E	Fraser 345kV Voltage	Marcy South N.	18.9	327.8	327.8	3297
3009 >E	Ramapo 500kV Voltage	Marcy South N.	58.4	500	505.3	3297
3019 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	19.0	327.8	325.8	2668
3023 >E	Gilboa 345kV Voltage	Ph2 DC 1500	17.0	327.8	332.6	3162
3025 >E	Leeds 345kV Voltage	Pre-Fault	32.7	NA	345	3025
3028 >E	Leeds 345kV Voltage	Marcy South N.	17.8	327.8	350.2	3298
3037 >E	Sprain Brook 345kV Voltage	Ravenswood 3	38.3	327.8	336.1	3127
3040 >E	Dunwoodie 345kV Voltage	Ravenswood 3	39.0	327.8	336.1	3130
3044 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	18.2	327.8	323.0	2814
3044 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	18.2	327.8	323.0	2814
3044 >E	Roseton 345kV Voltage	Pre-Fault	47.8	NA	345	3044
3048 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	20.2	327.8	328.9	2168
3048 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	20.2	327.8	328.9	2168
3048 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	20.2	327.8	328.9	2167
3048 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	20.2	327.8	328.9	2167

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Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3061 >E	Leeds 345kV Voltage	Marcy South S.	17.2	327.8	343.9	3488
3077 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	18.6	327.8	329.9	3025
3080 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	17.8	327.8	332.2	2187
3081 >E	Niagara 345kV Voltage	SBK Edic R945	17.8	327.8	332.2	2186
3084 >E	Somerset 345kV Voltage	Ph2 DC 1500	24.5	327.8	344.9	3197
3090 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	19.3	327.8	335.1	2193
3091 >E	Gilboa 345kV Voltage	SBK Edic R945	19.4	327.8	335.1	2192
3093 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	37.8	218.5	221.2	2194
3093 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	37.8	218.5	221.2	2194
3093 >E	Niagara 230kV East Voltage	SBK Edic R945	37.9	218.5	221.2	2194
3093 >E	Niagara 230kV West Voltage	SBK Edic R945	37.9	218.5	221.2	2194
3103 >E	Gilboa 345kV Voltage	Ravenswood 3	19.3	327.8	328.5	3191
3108 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	22.9	327.8	314.8	2203
3109 >E	Gordon Rd 345kV Voltage	SBK Edic R945	22.9	327.8	314.8	2203
3117 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	19.5	327.8	327.8	3105
3118 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	19.5	327.8	327.7	3077
3118 >E	Gardenville 230kV Voltage	Marcy South N.	25.3	207	232.7	3299
3119 >E	Gilboa 345kV Voltage	Volney-Marcy	19.5	327.8	327.7	3045
3123 >E	Gilboa 345kV Voltage	SBK Edic R70	19.7	327.8	327.5	3160
3130 >E	Niagara 230kV East Voltage	Volney-Marcy	39.9	218.5	220.2	3055
3130 >E	Niagara 230kV West Voltage	Volney-Marcy	39.9	218.5	220.2	3055
3134 >E	Gilboa 345kV Voltage	SBK Princetown 345	19.8	327.8	326.9	2896
3144 >E	Niagara 230kV East Voltage	Marcy South S.	40.9	218.5	219.9	3551
3144 >E	Niagara 230kV West Voltage	Marcy South S.	40.9	218.5	219.9	3551
3148 >E	Bowline 1 345kV Voltage	Pre-Fault	56.1	NA	345	3148
3157 >E	Millwood 345kV Voltage	Ravenswood 3	38.1	327.8	336.3	3243
3165 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	29.8	327.8	336.3	1978
3165 >E	Buchanan North 345kV Voltage	Ravenswood 3	39.0	327.8	336.3	3252
3185 >E	Gilboa 345kV Voltage	SBK Marcy R3108	22.2	327.8	331.4	2737
3185 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	66.2	500	500.5	3131
3190 >E	Niagara 230kV East Voltage	Ravenswood 3	44.5	218.5	218.9	3276
3190 >E	Niagara 230kV West Voltage	Ravenswood 3	44.5	218.5	218.9	3276
3194 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	26.5	207	218.4	2253
3196 >E	Watercure 230kV Voltage	SBK Edic R945	26.6	207	218.3	2254
3201 >E	Niagara 230kV East Voltage	SBK Princetown 345	44.6	218.5	218.7	2957
3201 >E	Niagara 230kV West Voltage	SBK Princetown 345	44.6	218.5	218.7	2957
3202 >E	Pleasant Valley 345kV Voltage	Marcy South N.	30.4	327.8	342.1	3300
3205 >E	Ramapo 500kV Voltage	SBK Edic R70	67.7	500	500.3	3242
3206 >E	Ramapo 500kV Voltage	SBK Princetown 345	68.9	500	500.2	2962
3207 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	44.9	218.5	218.5	3152

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3207 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	44.9	218.5	218.5	3152
3207 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	45.0	218.5	218.5	3165
3207 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	45.0	218.5	218.5	3165
3208 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	45.0	218.5	218.5	3196
3208 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	45.0	218.5	218.5	3196
3217 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	68.8	500	500.1	3174
3219 >E	Niagara 230kV East Voltage	SBK Edic R70	46.2	218.5	218.3	3256
3219 >E	Niagara 230kV West Voltage	SBK Edic R70	46.2	218.5	218.3	3256
3219 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	35.1	327.8	332.3	1989
3220 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	68.9	500	500.0	3207
3222 >E	Pleasant Valley 345kV Voltage	Marcy South S.	29.9	327.8	336.9	3609
3222 >E	Ramapo 500kV Voltage	Pre-Fault	69.0	NA	500	3222
3224 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	81.1	500	504.2	2271
3225 >E	Ramapo 500kV Voltage	SBK Edic R945	81.3	500	504.2	2271
3227 >E	Bowline 2 345kV Voltage	Pre-Fault	61.3	NA	345	3227
3229 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	35.8	327.8	332.2	1992
3234 >E	Ramapo 500kV Voltage	Volney-Marcy	71.2	500	499.8	3154
3238 >E	Buchanan South 345kV Voltage	Ravenswood 3	38.4	327.8	336.9	3323
3240 >E	Gardenville 230kV Voltage	SBK Marcy R3108	26.3	207	224.3	2760
3248 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	28.1	327.8	340.1	1996
3250 >E	Rock Tavern 345kV Voltage	Ravenswood 3	29.9	327.8	333.9	3334
3269 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	33.0	327.8	334.0	2001
3281 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	31.4	327.8	336.1	2003
3283 >E	Ramapo 500kV Voltage	Marcy South S.	79.4	500	499.1	3654
3290 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	28.3	327.8	332.8	3312
3292 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	38.9	327.8	330.7	3313
3303 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	39.7	327.8	330.7	3319
3314 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	29.0	327.8	340.4	2010
3316 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	38.1	327.8	333.4	3327
3334 >E	Dunwoodie 345kV Voltage	Marcy South N.	46.0	327.8	332.5	3302
3346 >E	Niagara 345kV Voltage	Marcy South N.	30.8	327.8	381.0	3302
3357 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	28.9	327.8	341.3	2020
3361 >E	Millwood 345kV Voltage	Ph2 DC 1500	37.4	327.8	332.1	3352
3364 >E	Sprain Brook 345kV Voltage	Marcy South N.	47.3	327.8	332.7	3302
3385 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	29.5	327.8	342.4	2026
3392 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	28.6	327.8	360.2	2028
3400 >E	Sprain Brook 345kV Voltage	Marcy South S.	45.5	327.8	328.5	3743
3401 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	46.3	327.8	328.4	3341

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3404 >E	Dunwoodie 345kV Voltage	Marcy South S.	46.1	327.8	328.6	3746
3407 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	38.7	327.8	332.6	3487
3411 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	34.0	327.8	332.5	3380
3411 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	37.4	327.8	333.5	3380
3411 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	47.2	327.8	328.4	3351
3413 >E	Ramapo 345kV Voltage	Ravenswood 3	40.5	327.8	337.1	3492
3413 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	35.0	327.8	335.3	2382
3414 >E	Rock Tavern 345kV Voltage	SBK Edic R945	35.1	327.8	335.3	2381
3419 >E	Sprain Brook 345kV Voltage	SBK Edic R70	47.3	327.8	328.1	3459
3420 >E	Coopers Corners 345kV Voltage	Marcy South N.	32.3	327.8	311.2	3303
3423 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	31.3	327.8	337.1	2034
3424 >E	Ladentown 345kV Voltage	Ravenswood 3	39.4	327.8	338.4	3503
3428 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	33.8	327.8	332.1	2035
3430 >E	Dunwoodie 345kV Voltage	SBK Edic R70	48.2	327.8	328.1	3469
3432 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	47.7	327.8	327.8	3418
3435 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	47.8	327.8	327.7	3389
3441 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	34.2	327.8	328.5	3380
3442 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	48.6	327.8	327.8	3429
3445 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	48.7	327.8	327.7	3399
3452 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	33.8	207	229.3	2041
3453 >E	Rock Tavern 345kV Voltage	SBK Edic R70	35.0	327.8	328.1	3493
3454 >E	Millwood 345kV Voltage	Marcy South N.	45.8	327.8	334.9	3303
3460 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	48.7	327.8	327.2	3193
3461 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	35.0	327.8	327.9	3193
3462 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	34.9	327.8	327.9	3416
3463 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	34.9	327.8	327.8	3449
3471 >E	Sprain Brook 345kV Voltage	Volney-Marcy	49.5	327.8	327.0	3380
3472 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	49.6	327.8	327.2	3204
3482 >E	Dunwoodie 345kV Voltage	Volney-Marcy	50.4	327.8	327.0	3391
3484 >E	Bowline 1 345kV Voltage	Ravenswood 3	39.3	327.8	339.0	3561
3495 >E	Ramapo 500kV Voltage	SBK Marcy R3108	101.0	500	502.1	2866
3499 >E	Rock Tavern 345kV Voltage	Volney-Marcy	36.0	327.8	326.8	3407
3502 >E	Bowline 2 345kV Voltage	Ravenswood 3	39.2	327.8	340.5	3578
3505 >E	Millwood 345kV Voltage	Marcy South S.	45.1	327.8	329.1	3822
3509 >E	Ramapo 345kV Voltage	Ph2 DC 1500	39.2	327.8	335.3	3435
3523 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	46.2	327.8	328.7	3460
3540 >E	Ladentown 345kV Voltage	Ph2 DC 1500	38.2	327.8	336.3	3453
3549 >E	Millwood 345kV Voltage	SBK Edic R70	47.5	327.8	328.1	3590

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3552 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	40.7	327.8	329.2	3489
3556 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	49.2	327.8	328.7	3493
3564 >E	Somerset 345kV Voltage	Volney-Marcy	44.8	327.8	339.6	3469
3566 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	48.0	327.8	327.8	3552
3569 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	48.1	327.8	327.7	3522
3576 >E	Buchanan North 345kV Voltage	SBK Edic R70	50.3	327.8	328.3	3617
3588 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	32.7	327.8	327.8	3524
3588 >E	Leeds 345kV Voltage	SBK Princetown 345	32.7	327.8	327.8	3309
3588 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	32.7	327.8	327.8	2071
3588 >E	Leeds 345kV Voltage	SBK Edic R70	32.7	327.8	327.8	3629
3588 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	32.7	327.8	327.8	3574
3588 >E	Leeds 345kV Voltage	Ravenswood 3	32.7	327.8	327.8	3663
3588 >E	Leeds 345kV Voltage	Ph2 DC 1500	32.7	327.8	327.8	3480
3588 >E	Leeds 345kV Voltage	Volney-Marcy	32.7	327.8	327.8	3492
3588 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	32.7	327.8	327.8	3540
3600 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	51.1	327.8	327.8	3585
3600 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	38.2	327.8	336.9	3487
3600 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	51.1	327.8	327.8	3552
3602 >E	Millwood 345kV Voltage	SBK Princetown 345	49.1	327.8	327.1	3321
3610 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	42.7	327.8	327.9	3651
3614 >E	Roseton 345kV Voltage	Ravenswood 3	42.3	327.8	333.1	3687
3614 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	42.7	327.8	327.8	3599
3617 >E	Millwood 345kV Voltage	Volney-Marcy	50.1	327.8	326.7	3520
3618 >E	Buchanan North 345kV Voltage	SBK Princetown 345	51.8	327.8	327.5	3336
3618 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	38.2	327.8	338.6	3497
3620 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	42.9	327.8	327.6	3572
3645 >E	Roseton 345kV Voltage	Ph2 DC 1500	39.5	327.8	332.4	3512
3646 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	48.2	327.8	328.8	3580
3648 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	43.8	327.8	327.0	3549
3651 >E	Buchanan South 345kV Voltage	Marcy South N.	50.5	327.8	335.1	3306
3657 >E	Buchanan North 345kV Voltage	Volney-Marcy	53.6	327.8	326.7	3558
3658 >E	Buchanan North 345kV Voltage	Marcy South N.	55.2	327.8	333.1	3306
3670 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	44.0	327.8	326.5	3383
3672 >E	Buchanan South 345kV Voltage	SBK Edic R70	49.3	327.8	328.3	3713
3676 >E	Roseton 345kV Voltage	Marcy South N.	43.1	327.8	339.1	3306
3696 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	50.1	327.8	327.8	3681
3698 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr	50.2	327.8	327.8	3648

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3711 >E	Somerset 345kV Voltage	Pre-Fault	90.4	NA	338	3711
3729 >E	Buchanan South 345kV Voltage	SBK Princetown 345	51.2	327.8	327.1	3437
3740 >E	Somerset 345kV Voltage	Marcy South S.	52.1	327.8	337.7	3999
3749 >E	Buchanan South 345kV Voltage	Marcy South S.	51.0	327.8	326.8	4005
3761 >E	Buchanan South 345kV Voltage	Volney-Marcy	52.7	327.8	326.5	3657
3767 >E	Roseton 345kV Voltage	Marcy South S.	43.8	327.8	329.9	4019
3825 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	46.5	327.8	328.7	3755
3853 >E	Buchanan North 345kV Voltage	Marcy South S.	58.2	327.8	322.9	4084
3858 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	52.5	327.8	328.9	3787
3860 >E	Roseton 345kV Voltage	SBK Edic R70	47.8	327.8	327.9	3903
3864 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	50.0	327.8	325.6	3020
3867 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	47.8	327.8	327.8	3851
3870 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr	47.9	327.8	327.7	3818
		345				
3870 >E	Leeds 345kV Voltage	SBK Marcy R3108	41.9	327.8	327.8	3023
3870 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	41.9	327.8	327.8	2649
3870 >E	Leeds 345kV Voltage	SBK Edic R945	41.9	327.8	327.8	2647
3880 >E	Ramapo 345kV Voltage	SBK Edic R70	53.5	327.8	328.5	3923
3881 >E	Rock Tavern 345kV Voltage	Marcy South N.	49.2	327.8	327.2	3309
3895 >E	Roseton 345kV Voltage	SBK Princetown 345	48.6	327.8	327.2	3588
3910 >E	Roseton 345kV Voltage	Volney-Marcy	49.1	327.8	326.9	3799
3911 >E	Watercure 230kV Voltage	Ph2 DC 1500	57.1	207	238.2	3662
3912 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	68.2	327.8	333.2	2673
3913 >E	Buchanan North 345kV Voltage	SBK Edic R945	68.3	327.8	333.2	2672
3917 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr	54.7	327.8	327.9	3864
		345				
3917 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	52.0	207	214.7	2676
3918 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	54.7	327.8	327.8	3902
3920 >E	Gardenville 230kV Voltage	SBK Edic R945	52.1	207	214.7	2676
3935 >E	Ramapo 345kV Voltage	SBK Princetown 345	55.4	327.8	327.5	3624
3946 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	53.4	327.8	329.1	3873
3969 >E	Ladentown 345kV Voltage	SBK Edic R70	54.3	327.8	328.7	4012
3970 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	55.7	327.8	328.2	2707
3970 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	55.7	327.8	328.2	2706
3983 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	57.6	327.8	328.0	3070
4008 >E	Ramapo 345kV Voltage	Volney-Marcy	58.1	327.8	326.2	3893
4015 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr	55.8	327.8	327.9	3960
		345				
4015 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	55.8	327.8	327.8	3998
4030 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	53.3	327.8	329.3	3955

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4044 >E	Ladentown 345kV Voltage	SBK Princetown 345	56.9	327.8	327.3	3724
4053 >E	Bowline 1 345kV Voltage	SBK Edic R70	54.2	327.8	328.8	4098
4061 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	71.2	327.8	331.0	2760
4061 >E	Millwood 345kV Voltage	SBK Edic R945	71.3	327.8	331.0	2759
4075 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	82.5	327.8	330.3	2768
4075 >E	Sprain Brook 345kV Voltage	SBK Edic R945	82.6	327.8	330.2	2767
4076 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	83.1	327.8	330.1	2769
4076 >E	Dunwoodie 345kV Voltage	SBK Edic R945	83.1	327.8	330.1	2768
4083 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	63.3	327.8	335.5	2773
4084 >E	Ramapo 345kV Voltage	SBK Edic R945	63.3	327.8	335.5	2772
4104 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	56.9	327.8	331.6	2786
4105 >E	Roseton 345kV Voltage	SBK Edic R945	56.9	327.8	331.6	2784
4107 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	55.9	327.8	327.9	4051
4108 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	55.9	327.8	327.9	4091
4128 >E	Ladentown 345kV Voltage	Volney-Marcy	59.9	327.8	325.8	4007
4134 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	69.9	327.8	332.6	2803
4135 >E	Buchanan South 345kV Voltage	SBK Edic R945	69.9	327.8	332.6	2802
4149 >E	Bowline 1 345kV Voltage	SBK Princetown 345	57.3	327.8	327.1	3818
4188 >E	Ramapo 345kV Voltage	Marcy South N.	65.6	327.8	333.8	3313
4190 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	58.3	327.8	329.3	4111
4209 >E	Bowline 2 345kV Voltage	SBK Edic R70	59.0	327.8	329.0	4255
4249 >E	Gardenville 230kV Voltage	Ph2 DC 1500	63.7	207	225.4	3852
4260 >E	Ladentown 345kV Voltage	Marcy South N.	66.0	327.8	335.1	3313
4270 >E	Bowline 1 345kV Voltage	Volney-Marcy	61.6	327.8	325.0	4142
4278 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	61.2	327.8	327.9	4219
4278 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	61.2	327.8	327.9	4260
4297 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	68.1	327.8	336.2	2899
4299 >E	Ladentown 345kV Voltage	SBK Edic R945	68.1	327.8	336.2	2897
4312 >E	Bowline 2 345kV Voltage	SBK Princetown 345	62.3	327.8	327.3	3967
4400 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	67.9	327.8	338.6	2959
4402 >E	Bowline 1 345kV Voltage	SBK Edic R945	67.9	327.8	338.5	2958
4414 >E	Bowline 2 345kV Voltage	Volney-Marcy	65.8	327.8	325.6	4279
4443 >E	Roseton 345kV Voltage	SBK Marcy R3108	68.7	327.8	326.5	3262
4470 >E	Millwood 345kV Voltage	SBK Marcy R3108	91.0	327.8	326.2	3273
4484 >E	Somerset 345kV Voltage	SBK Princetown 345	84.4	327.8	329.5	4123
4485 >E	Somerset 345kV Voltage	Ravenswood 3	86.0	327.8	329.4	4534
4491 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	106.4	327.8	325.9	3282
4496 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	95.1	327.8	326.8	3284
4497 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	106.0	327.8	325.9	3284

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4541 >E	Ladentown 345kV Voltage	Marcy South S.	71.1	327.8	318.4	4602
4560 >E	Bowline 1 345kV Voltage	Marcy South N.	73.0	327.8	335.7	3317
4566 >E	Ramapo 345kV Voltage	Marcy South S.	73.4	327.8	316.0	4621
4575 >E	Rock Tavern 345kV Voltage	Marcy South S.	63.9	327.8	296.0	4627
4578 >E	Bowline 2 345kV Voltage	Marcy South N.	72.6	327.8	335.8	3318
4601 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	89.1	327.8	328.2	4512
4604 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	89.2	327.8	328.1	4541
4605 >E	Niagara 345kV Voltage	Ph2 DC 1500	73.5	327.8	365.3	4053
4613 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	74.5	327.8	336.9	3083
4614 >E	Bowline 2 345kV Voltage	SBK Edic R945	74.5	327.8	336.9	3082
4625 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	90.1	327.8	327.9	4605
4696 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	94.2	327.8	326.3	3367
4711 >E	Rainey 345kV Voltage	Ravenswood 3	101.0	327.8	341.7	4754
4837 >E	Farragut 345kV Voltage	Ravenswood 3	106.7	327.8	340.9	4877
4858 >E	Bowline 1 345kV Voltage	Marcy South S.	78.4	327.8	314.5	4840
4880 >E	Bowline 2 345kV Voltage	Marcy South S.	78.1	327.8	318.0	4856
4896 >E	Ramapo 345kV Voltage	SBK Marcy R3108	94.0	327.8	326.5	3450
5159 >E	Somerset 345kV Voltage	SBK Edic R70	115.6	327.8	322.0	5213
5247 >E	Coopers Corners 345kV Voltage	Marcy South S.	65.1	327.8	162.6	5133
5265 >E	Ladentown 345kV Voltage	SBK Marcy R3108	103.7	327.8	326.5	3604
5314 >E	Rainey 345kV Voltage	Pre-Fault	163.9	NA	338	5314
5332 >E	Farragut 345kV Voltage	Pre-Fault	170.5	NA	338	5332
5731 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	114.7	327.8	326.4	3799
5762 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	114.1	327.8	326.4	3812
5768 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	118.0	327.8	335.2	2551
5775 >E	Gardenville 230kV Voltage	Volney-Marcy	121.5	207	218.0	5578
5791 >E	Gardenville 230kV Voltage	Marcy South S.	123.6	207	217.9	5542
5822 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	122.5	327.8	335.1	2563
5832 >E	Goethals 345kV Voltage	Ravenswood 3	146.5	327.8	339.7	5844
5979 >E	Gardenville 230kV Voltage	Pre-Fault	205.2	NA	217	5979
6063 >E	Rainey 345kV Voltage	Ph2 DC 1500	129.1	327.8	333.4	4873
6117 >E	Farragut 345kV Voltage	Ph2 DC 1500	133.8	327.8	333.4	4904
6215 >E	Goethals 345kV Voltage	Pre-Fault	231.0	NA	338	6215
6764 >E	Rainey 345kV Voltage	Marcy South S.	155.3	327.8	329.2	6274
6836 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	158.5	327.8	328.7	6692
6843 >E	Farragut 345kV Voltage	Marcy South S.	161.4	327.8	329.1	6334
6899 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	165.9	327.8	335.0	2800
6917 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	164.8	327.8	328.7	6771
6937 >E	Rainey 345kV Voltage	SBK Edic R70	162.3	327.8	328.1	7006
6986 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	163.9	327.8	327.8	6955

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6997 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	164.2	327.8	327.7	6897
7022 >E	Farragut 345kV Voltage	SBK Edic R70	168.8	327.8	328.1	7091
7070 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	170.4	327.8	327.8	7040
7082 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	170.8	327.8	327.7	6981
7095 >E	Rainey 345kV Voltage	SBK Princetown 345	167.4	327.8	327.1	6496
7174 >E	Rainey 345kV Voltage	Volney-Marcy	170.6	327.8	326.7	6913
7183 >E	Farragut 345kV Voltage	SBK Princetown 345	174.2	327.8	327.1	6576
7207 >E	Goethals 345kV Voltage	Ph2 DC 1500	177.9	327.8	333.7	5517
7232 >E	Rainey 345kV Voltage	Marcy South N.	175.1	327.8	336.3	3352
7263 >E	Farragut 345kV Voltage	Volney-Marcy	177.4	327.8	326.7	6998
7373 >E	Farragut 345kV Voltage	Marcy South N.	184.0	327.8	336.3	3353
7614 >E	Gardenville 230kV Voltage	Ravenswood 3	190.3	207	209.0	7575
7614 >E	Gardenville 230kV Voltage	SBK Princetown 345	190.6	207	209.0	6968
7933 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	201.7	207	207.5	7763
7951 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	202.4	207	207.4	7837
8007 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	204.3	207	207.1	7971
8263 >E	Goethals 345kV Voltage	Marcy South S.	218.6	327.8	329.1	7402
8273 >E	Watercure 230kV Voltage	Volney-Marcy	234.1	207	257.6	7961
8364 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	223.2	327.8	328.7	8184
8505 >E	Goethals 345kV Voltage	SBK Edic R70	228.7	327.8	328.1	8586
8570 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	230.9	327.8	327.8	8532
8585 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	231.4	327.8	327.7	8461
8717 >E	Goethals 345kV Voltage	SBK Princetown 345	236.1	327.8	327.2	7971
8807 >E	Gardenville 230kV Voltage	SBK Edic R70	235.3	207	203.2	8892
8829 >E	Goethals 345kV Voltage	Volney-Marcy	240.6	327.8	326.7	8492
9057 >E	Goethals 345kV Voltage	Marcy South N.	251.7	327.8	336.0	3375
9815 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	268.2	327.8	331.7	6126
9817 >E	Rainey 345kV Voltage	SBK Edic R945	268.3	327.8	331.7	6119
9928 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	278.0	327.8	331.6	6193
9932 >E	Farragut 345kV Voltage	SBK Edic R945	278.1	327.8	331.6	6186
12009 >E	Rainey 345kV Voltage	SBK Marcy R3108	349.8	327.8	324.7	6417
12162 >E	Farragut 345kV Voltage	SBK Marcy R3108	362.7	327.8	324.8	6481
12427 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	378.5	327.8	331.5	7654
12427	Goethals 345kV Voltage	SBK Edic R945	378.5	327.8	331.5	7643

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
15619	Goethals 345kV Voltage	SBK Marcy R3108	501.6	327.8	324.3	7923
>E						
20613	Niagara 345kV Voltage	Volney-Marcy	628.6	327.8	432.0	19732
>E						
28222	Northport 138kV Voltage	Edic-Gordon Rd. 345	2013.2	131.1	132.3	16894
>E						
28247	Northport 138kV Voltage	SBK Edic R945	2015.1	131.1	132.3	16879
>E						
34314	Northport 138kV Voltage	SBK Marcy R3108	2492.7	131.1	129.6	15720
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
>E						
99998	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

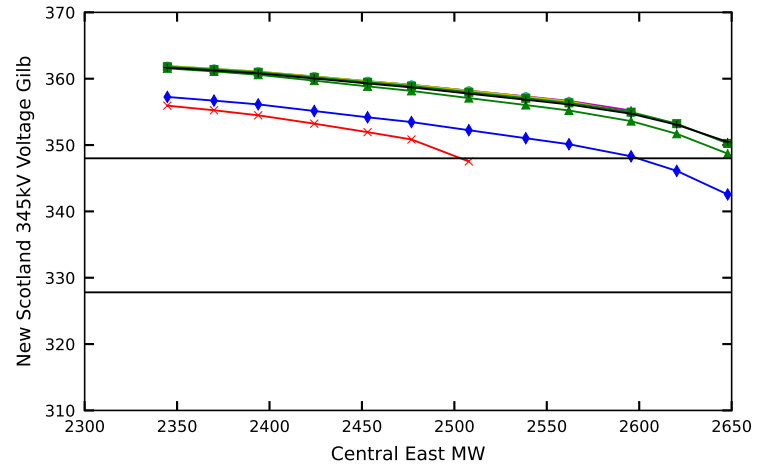
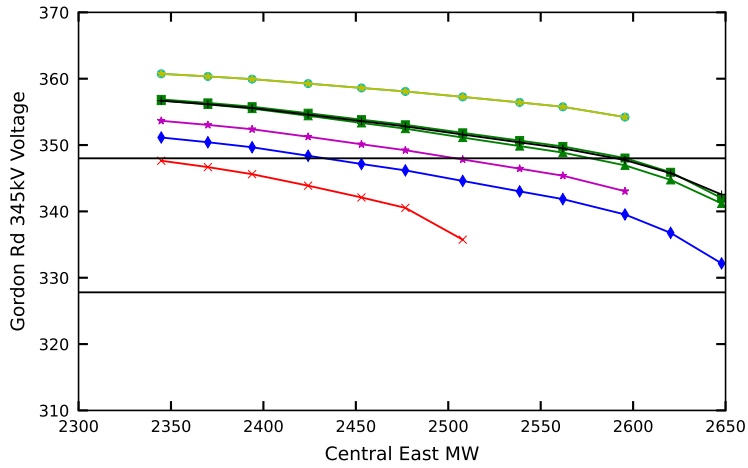
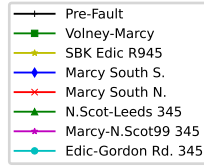
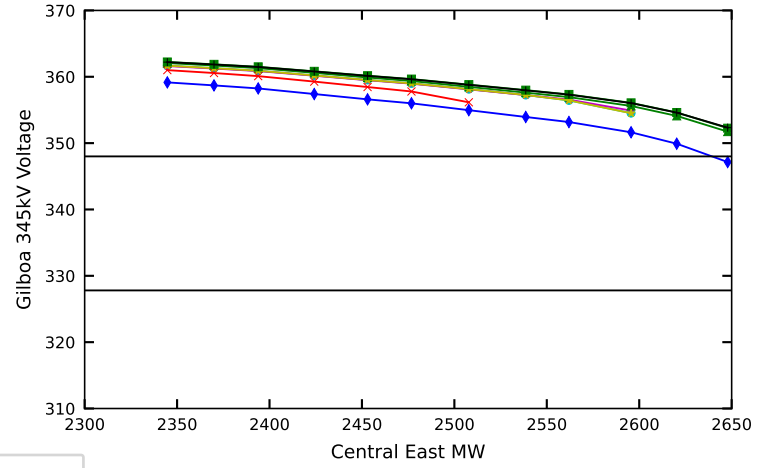
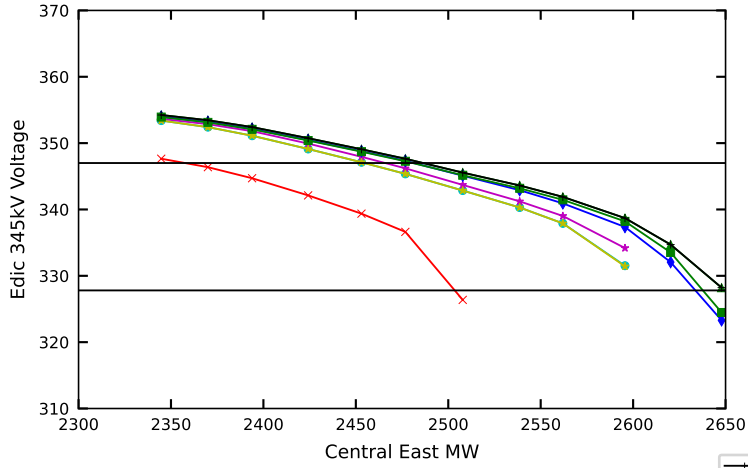
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1: 2023S CEVC PH2 CE2330 MS2270 DE1300 00 ONS_CAPS

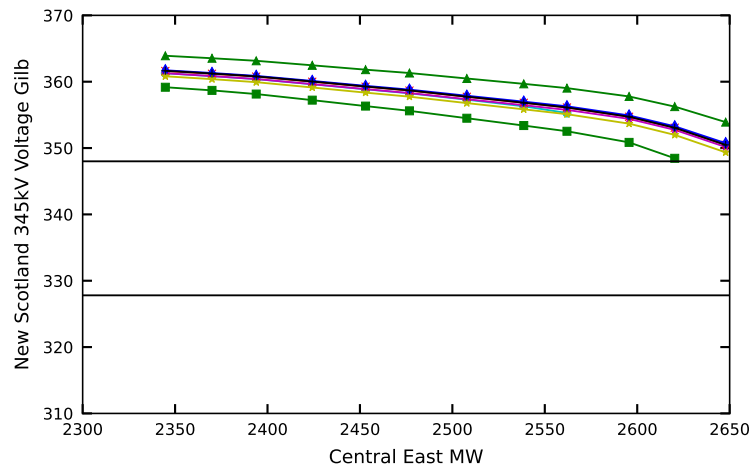
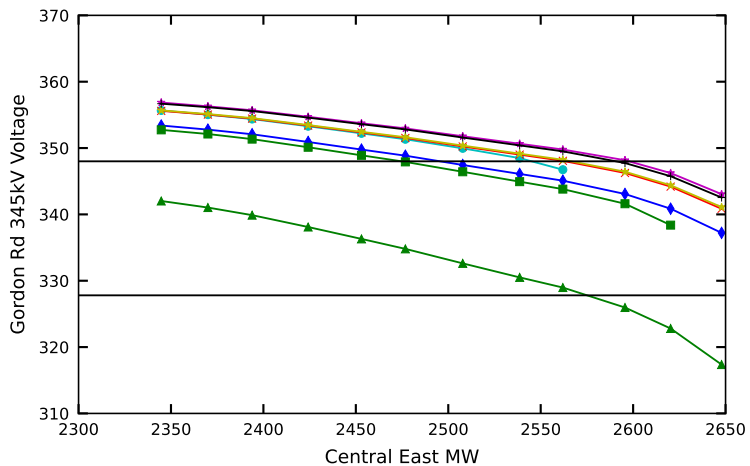
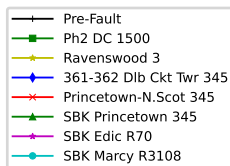
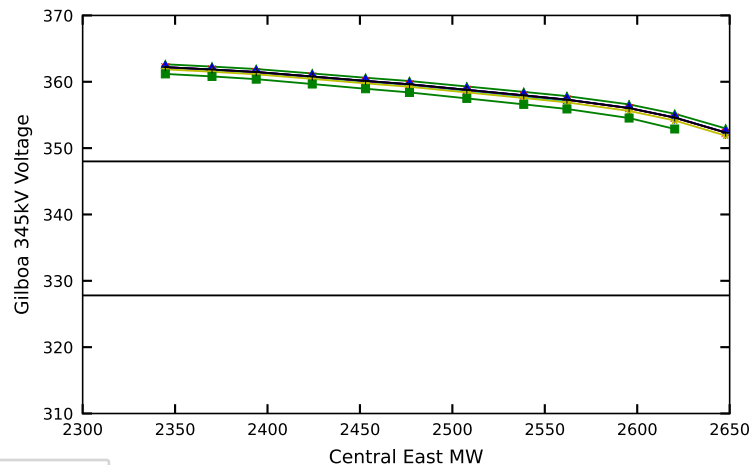
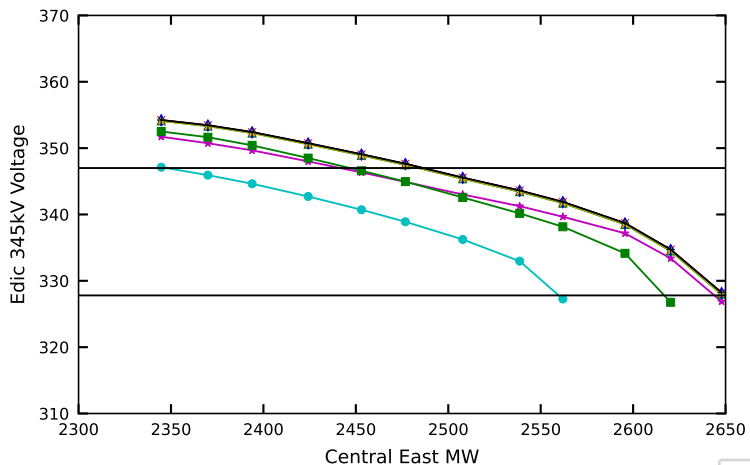
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
99999 >E	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99999
99999 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

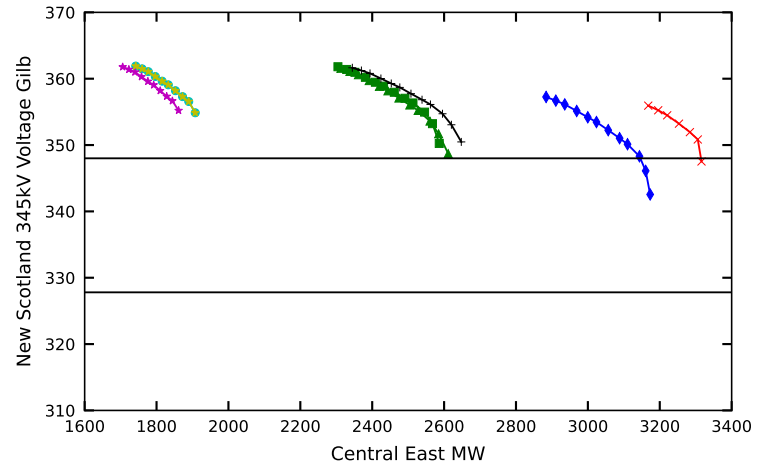
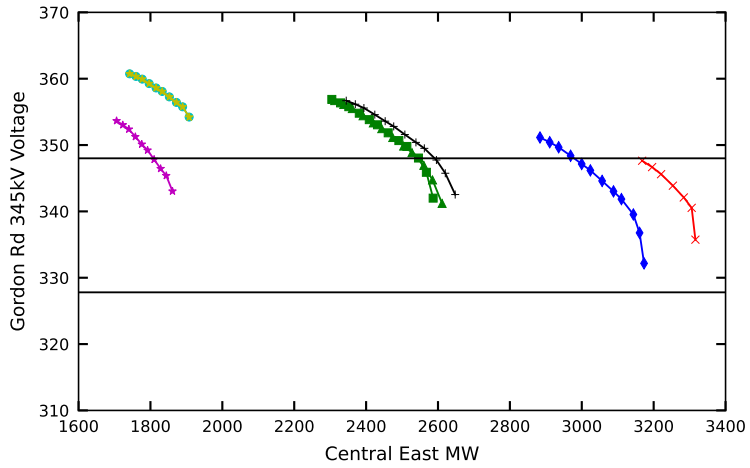
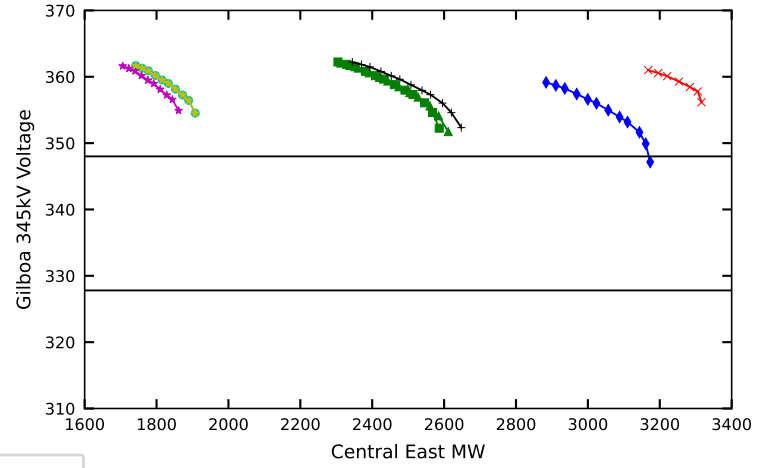
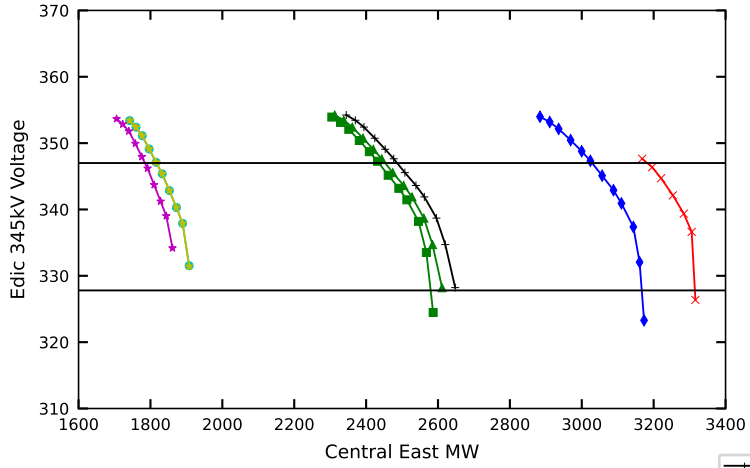
1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP Figure 1



1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP Figure 2

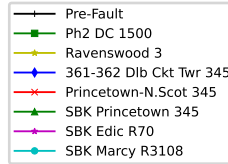
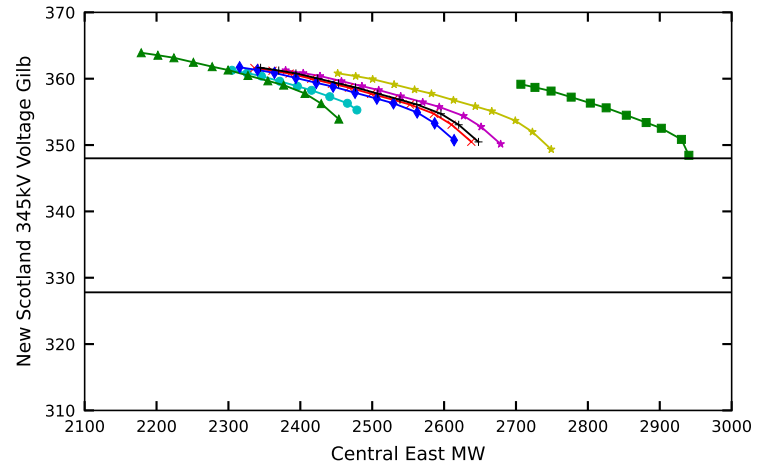
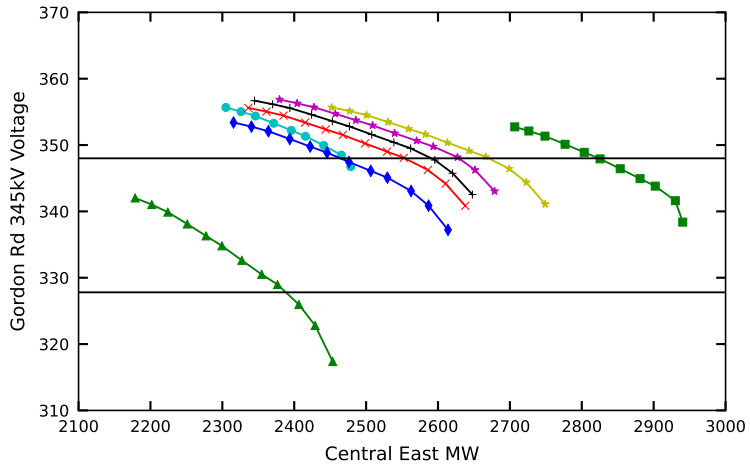
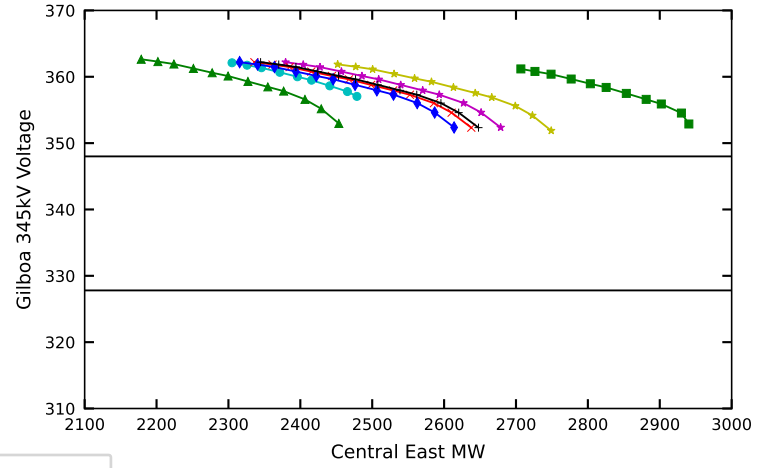
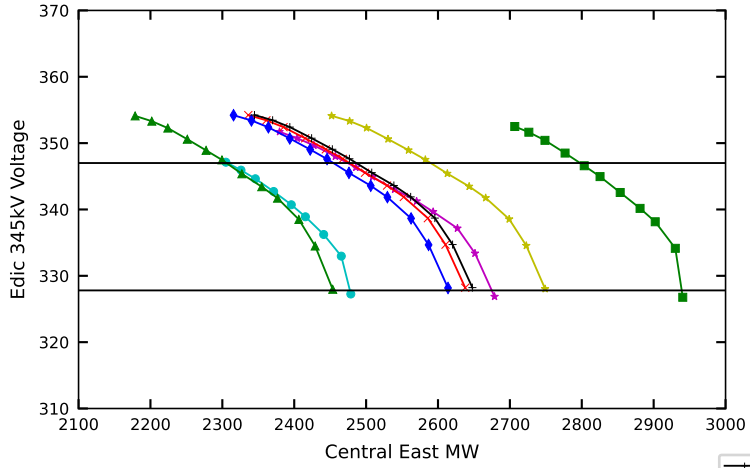


1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP Figure 1



- +— Pre-Fault
- Volney-Marcy
- SBK Edic R945
- ◆— Marcy South S.
- x— Marcy South N.
- ▲— N.Scot-Leeds 345
- *— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2344	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2369	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2393	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2424	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2453	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2476	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2507	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2538	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2561	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2595	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	0															
2620	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	1															
2647	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	2															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\00_CAP\Sum2023_CEVC_PH2_00_00_CAP.xlsx

1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic- Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	2	2
ce02) Marcy- N.Scot99 345	0	0	0	0	0	0	0	0	0	0	2	2
ce03) N.Scot- Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	2	2
ce13) Volney- Marcy	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Prinetown 345	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Prinetown- N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2278 <E	Dunwoodie 345kV Voltage	Pre-Fault	123.5	NA	348	2278
2290 <E	Sprain Brook 345kV Voltage	Pre-Fault	123.9	NA	348	2290
2382	limit with 5% margin	Marcy South N.	NA	NA	NA	3150
2433	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2354
2464	Pannell Road 345kV Voltage	Pre-Fault	27.0	NA	346	2464
2465	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1812
2465	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1768
2465	limit with 5% margin	SBK Edic R945	NA	NA	NA	1812
2467	Station 80 345kV Voltage	Pre-Fault	28.1	NA	346	2467
2468	Clay 345kV Voltage	Pre-Fault	18.1	NA	345	2468
2473	Marcy 345kV Voltage	Pre-Fault	16.5	NA	348	2473
2486	Edic 345kV Voltage	Pre-Fault	14.9	NA	347	2486
2489	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2793
2492	Clay 345kV Voltage	Marcy South N.	2.9	327.8	343.7	3310
2503	Edic 345kV Voltage	Marcy South N.	3.0	327.8	345.8	3314
2505	Marcy 345kV Voltage	Marcy South N.	3.0	327.8	345.9	3315
2515	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2480
2515	limit with 5% margin	Marcy South S.	NA	NA	NA	3014
2515	limit with 5% margin	Volney-Marcy	NA	NA	NA	2457
2515	limit with 5% margin	SBK Edic R70	NA	NA	NA	2544
2515	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2330
2515	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2505
2515	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2483
2515	limit with 5% margin	Ravenswood 3	NA	NA	NA	2611
2528 >E	Pannell Road 345kV Voltage	Marcy South N.	4.9	327.8	343.6	3322
2531 >E	Oakdale 345kV Voltage	Marcy South N.	4.6	320	342.5	3323
2548 >E	Station 80 345kV Voltage	Marcy South N.	6.1	327.8	343.6	3329
2550	Clay 345kV Voltage	SBK Marcy R3108	3.5	327.8	340.4	2472
2559 >E	Gordon Rd 345kV Voltage	Marcy South N.	6.5	327.8	349.6	3333
2559	Edic 345kV Voltage	SBK Marcy R3108	4.1	327.8	342.1	2477
2575	Gordon Rd 345kV Voltage	SBK Princetown 345	11.2	327.8	348.8	2388
2590	Gordon Rd 345kV Voltage	Pre-Fault	19.1	NA	348	2590
2601 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	6.1	327.8	341.0	2500
2605 >E	Clay 345kV Voltage	SBK Edic R945	5.5	327.8	336.1	1912
2606 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	5.6	327.8	336.0	1913
2610	Oakdale 345kV Voltage	Pre-Fault	6.6	NA	335	2610
2612	Clay 345kV Voltage	Ph2 DC 1500	3.1	327.8	334.3	2937
2612	Millwood 345kV Voltage	Pre-Fault	43.1	NA	348	2612
2614 >E	Marcy 345kV Voltage	SBK Edic R945	5.2	327.8	337.1	1917
2614 >E	Edic 345kV Voltage	SBK Edic R945	5.2	327.8	336.9	1917

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2615 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	337.0	1918
2615 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	336.8	1918
2616	Clay 345kV Voltage	Volney-Marcy	3.9	327.8	333.7	2563
2616	Edic 345kV Voltage	Ph2 DC 1500	3.3	327.8	335.3	2939
2618	Marcy 345kV Voltage	Ph2 DC 1500	3.4	327.8	335.2	2939
2627 >E	Station 80 345kV Voltage	SBK Marcy R3108	7.5	327.8	341.0	2515
2628	Clay 345kV Voltage	Marcy South S.	3.2	327.8	331.1	3164
2630 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	7.9	327.8	334.0	1879
2633	Edic 345kV Voltage	Marcy South S.	3.1	327.8	331.6	3166
2635	Marcy 345kV Voltage	Marcy South S.	3.1	327.8	331.4	3167
2637	Clay 345kV Voltage	SBK Edic R70	4.3	327.8	329.1	2668
2637	Edic 345kV Voltage	Volney-Marcy	3.0	327.8	330.6	2579
2639 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	6.9	327.8	334.5	1884
2640	Marcy 345kV Voltage	Volney-Marcy	3.1	327.8	330.1	2581
2640	Clay 345kV Voltage	SBK Princetown 345	4.3	327.8	328.5	2446
2641	Clay 345kV Voltage	Ravenswood 3	4.4	327.8	328.3	2742
2642	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	327.8	327.9	2609
2642 >E	Oakdale 345kV Voltage	SBK Marcy R3108	6.2	320	334.8	2524
2642	Clay 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	327.9	2606
2643	Clay 345kV Voltage	Princetown-N.Scot 345	4.5	327.8	327.8	2633
2643	Edic 345kV Voltage	SBK Edic R70	4.2	327.8	329.1	2674
2645 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	4.9	327.8	335.0	2951
2645 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	334.0	1887
2648 >E	Edic 345kV Voltage	SBK Princetown 345	4.2	327.8	328.1	2454
2648 >E	Edic 345kV Voltage	Ravenswood 3	4.2	327.8	328.0	2749
2649 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.2	327.8	327.9	2615
2649 >E	Edic 345kV Voltage	N.Scot-Leeds 345	4.2	327.8	327.8	2613
2649 >E	Edic 345kV Voltage	Princetown-N.Scot 345	4.2	327.8	327.8	2639
2650 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.2	327.8	327.8	2616
2650 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	4.2	327.8	327.8	2613
2650 >E	Marcy 345kV Voltage	SBK Edic R70	4.2	327.8	327.8	2680
2650 >E	Marcy 345kV Voltage	SBK Princetown 345	4.2	327.8	327.8	2455
2650 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	4.2	327.8	327.8	2640
2650 >E	Marcy 345kV Voltage	Ravenswood 3	4.2	327.8	327.8	2751
2658 >E	Oakdale 345kV Voltage	SBK Edic R945	6.1	320	331.4	1941
2658 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.5	320	327.7	2956
2659 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	6.2	320	331.3	1942
2660 >E	Oakdale 345kV Voltage	Volney-Marcy	4.0	320	326.2	2594

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2660 >E	Station 80 345kV Voltage	Ph2 DC 1500	5.7	327.8	335.3	2957
2665 >E	Buchanan North 345kV Voltage	Pre-Fault	35.9	NA	346	2665
2669 >E	Pannell Road 345kV Voltage	SBK Edic R945	8.8	327.8	336.5	1947
2671 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	8.9	327.8	336.4	1948
2671 >E	Pannell Road 345kV Voltage	Volney-Marcy	7.8	327.8	335.6	2602
2673 >E	Fraser 345kV Voltage	Pre-Fault	6.0	NA	338	2673
2674 >E	Gordon Rd 345kV Voltage	Marcy South S.	6.0	327.8	339.5	3185
2674 >E	New Scotland 345kV Voltage Alps	Pre-Fault	10.7	NA	348	2674
2674 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	10.7	NA	348	2674
2678 >E	Oakdale 345kV Voltage	Marcy South S.	4.6	320	322.8	3186
2680 >E	St.Lawrence 230kV Voltage	Marcy South N.	15.6	218.5	229.8	3373
2686 >E	Oakdale 345kV Voltage	SBK Princetown 345	5.3	320	321.3	2487
2686 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	7.6	320	328.8	1908
2687 >E	Oakdale 345kV Voltage	Ravenswood 3	5.3	320	321.1	2786
2691 >E	Oakdale 345kV Voltage	SBK Edic R70	5.3	320	320.4	2721
2692 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	5.4	320	320.2	2657
2692 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	5.4	320	320.2	2654
2692 >E	New Scotland 345kV Voltage Alps	Marcy South N.	9.4	327.8	352.1	3377
2692 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	9.4	327.8	352.1	3377
2693 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	5.4	320	320.1	2682
2693 >E	St.Lawrence 230kV Voltage	Pre-Fault	16.1	NA	225	2693
2700 >E	Gilboa 345kV Voltage	Pre-Fault	12.2	NA	348	2700
2701 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.7	327.8	339.2	2974
2703 >E	Coopers Corners 345kV Voltage	Pre-Fault	8.4	NA	338	2703
2705 >E	Rock Tavern 345kV Voltage	Pre-Fault	19.9	NA	348	2705
2707 >E	Pannell Road 345kV Voltage	Marcy South S.	10.4	327.8	334.0	3200
2709 >E	Station 80 345kV Voltage	SBK Edic R945	11.0	327.8	336.8	1969
2712 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	11.2	327.8	336.7	1970
2714 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	12.0	327.8	333.9	1922
2716 >E	Pleasant Valley 345kV Voltage	Pre-Fault	28.0	NA	348	2716
2719 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	7.6	327.8	334.2	2683
2722 >E	Somerset 345kV Voltage	Marcy South N.	11.4	327.8	349.2	3387
2734 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	327.8	2695
2734 >E	Fraser 345kV Voltage	SBK Princetown 345	6.0	327.8	327.8	2530
2734 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	6.0	327.8	327.8	2699
2734 >E	Fraser 345kV Voltage	Ravenswood 3	6.0	327.8	327.8	2831
2734 >E	Fraser 345kV Voltage	Marcy South S.	6.0	327.8	327.8	3212
2734 >E	Fraser 345kV Voltage	Volney-Marcy	6.0	327.8	327.8	2645

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2734 >E	Fraser 345kV Voltage	SBK Edic R70	6.0	327.8	327.8	2764
2734 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	6.0	327.8	327.8	2724
2737 >E	Fraser 345kV Voltage	SBK Edic R945	7.4	327.8	338.9	1984
2739 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	7.5	327.8	338.7	1985
2744 >E	Buchanan South 345kV Voltage	Pre-Fault	35.2	NA	346	2744
2748 >E	Gordon Rd 345kV Voltage	Volney-Marcy	7.1	327.8	330.8	2655
2750 >E	Station 80 345kV Voltage	Volney-Marcy	14.8	327.8	339.7	2656
2750 >E	St.Lawrence 230kV Voltage	Volney-Marcy	12.3	218.5	221.4	2656
2750 >E	Watercure 230kV Voltage	Marcy South N.	13.9	207	230.8	3397
2752 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	7.8	327.8	330.4	2712
2754 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	14.8	218.5	224.0	2996
2755 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	8.2	327.8	330.0	2744
2755 >E	Marcy 345kV Voltage	SBK Marcy R3108	13.6	327.8	327.8	2588
2759 >E	Gordon Rd 345kV Voltage	Ravenswood 3	8.4	327.8	329.6	2854
2761 >E	Coopers Corners 345kV Voltage	SBK Edic R945	10.3	327.8	340.2	1997
2762 >E	New Scotland 345kV Voltage Alps	Marcy South S.	7.8	327.8	339.7	3225
2762 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	7.8	327.8	339.7	3225
2763 >E	St.Lawrence 230kV Voltage	Marcy South S.	13.0	218.5	220.6	3225
2763 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	340.1	1998
2765 >E	Coopers Corners 345kV Voltage	Ravenswood 3	8.2	327.8	330.6	2860
2771 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	15.2	327.8	334.1	1951
2776 >E	Coopers Corners 345kV Voltage	SBK Edic R70	8.3	327.8	329.2	2805
2777 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	8.2	327.8	329.2	2568
2778 >E	Coopers Corners 345kV Voltage	Volney-Marcy	7.7	327.8	329.0	2675
2780 >E	Gordon Rd 345kV Voltage	SBK Edic R70	8.7	327.8	327.1	2809
2781 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	9.0	327.8	335.6	1956
2781 >E	Ramapo 500kV Voltage	Ph2 DC 1500	37.1	500	506.2	3008
2783 >E	Fraser 345kV Voltage	Ph2 DC 1500	8.6	327.8	327.8	3008
2784 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	8.3	327.8	328.3	2743
2786 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	8.3	327.8	328.1	2749
2787 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	8.4	327.8	327.9	2777
2789 >E	St.Lawrence 230kV Voltage	Ravenswood 3	15.9	218.5	219.0	2883
2794 >E	Ramapo 500kV Voltage	Ravenswood 3	39.2	500	504.9	2888
2795 >E	St.Lawrence 230kV Voltage	SBK Edic R70	16.0	218.5	218.6	2824
2797 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	9.6	327.8	333.3	3014
2797 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	16.1	218.5	218.5	2787
2798 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	16.1	218.5	218.5	2761
2798 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	16.1	218.5	218.5	2756
2799 >E	Somerset 345kV Voltage	Ph2 DC 1500	9.4	327.8	338.8	3015

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2800 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	16.2	218.5	218.3	2589
2802 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	12.2	327.8	337.8	1967
2813 >E	Pannell Road 345kV Voltage	SBK Edic R70	20.5	327.8	329.4	2842
2815 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	14.4	327.8	336.2	1974
2815 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	13.4	327.8	339.8	2622
2816 >E	Ramapo 345kV Voltage	Pre-Fault	34.1	NA	346	2816
2820 >E	Pannell Road 345kV Voltage	SBK Princetown 345	20.7	327.8	329.1	2606
2825 >E	Pannell Road 345kV Voltage	Ravenswood 3	21.2	327.8	328.9	2917
2833 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	10.3	327.8	338.8	3029
2833 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	10.3	327.8	338.8	3029
2840 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	9.2	327.8	332.4	2797
2840 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	9.2	327.8	332.4	2797
2840 >E	Gilboa 345kV Voltage	Marcy South S.	10.0	327.8	336.5	3260
2844 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	22.4	327.8	328.0	2806
2845 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	22.4	327.8	328.0	2802
2848 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	22.6	327.8	327.9	2836
2855 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	9.3	327.8	331.0	2728
2855 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	9.3	327.8	331.0	2728
2860 >E	St.Lawrence 230kV Voltage	SBK Edic R945	24.0	218.5	224.3	2050
2862 >E	Ladentown 345kV Voltage	Pre-Fault	34.4	NA	346	2862
2863 >E	Somerset 345kV Voltage	SBK Marcy R3108	14.5	327.8	346.6	2649
2865 >E	Leeds 345kV Voltage	Pre-Fault	20.9	NA	345	2865
2865 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	24.4	218.5	224.2	2053
2870 >E	Station 80 345kV Voltage	Marcy South S.	24.5	327.8	340.0	3274
2873 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	10.5	327.8	329.3	2963
2873 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	10.5	327.8	329.3	2963
2883 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	26.9	218.5	222.0	2660
2884 >E	Niagara 230kV East Voltage	Ph2 DC 1500	22.2	218.5	223.9	3051
2884 >E	Niagara 230kV West Voltage	Ph2 DC 1500	22.2	218.5	223.9	3051
2885 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	10.6	327.8	328.2	2913
2885 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	10.6	327.8	328.2	2913
2890 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	10.7	327.8	327.7	2879
2890 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	10.7	327.8	327.7	2879
2892 >E	Roseton 345kV Voltage	Pre-Fault	30.1	NA	345	2892
2896 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	10.8	327.8	327.2	2857
2896 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	10.8	327.8	327.2	2857
2926 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	11.6	327.8	329.5	2880
2933 >E	Gilboa 345kV Voltage	Volney-Marcy	11.7	327.8	328.9	2781

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2938 >E	Gilboa 345kV Voltage	Ravenswood 3	12.1	327.8	328.5	3025
2938 >E	Niagara 345kV Voltage	Ph2 DC 1500	11.7	327.8	338.3	3074
2947 >E	Gilboa 345kV Voltage	Princeton-N.Scot 345	12.2	327.8	327.8	2935
2947 >E	Gilboa 345kV Voltage	SBK Edic R70	12.2	327.8	327.8	2974
2948 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	12.2	327.8	327.7	2908
2951 >E	Bowline 1 345kV Voltage	Pre-Fault	34.4	NA	345	2951
2955 >E	New Scotland 345kV Voltage Alps	SBK Princeton 345	11.8	327.8	321.6	2727
2955 >E	New Scotland 345kV Voltage Gilb	SBK Princeton 345	11.8	327.8	321.6	2727
2961 >E	Gilboa 345kV Voltage	SBK Princeton 345	12.5	327.8	326.6	2731
2969 >E	Bowline 2 345kV Voltage	Pre-Fault	34.6	NA	345	2969
2970 >E	Ramapo 500kV Voltage	Volney-Marcy	39.9	500	500.8	2807
2970 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	32.0	218.5	221.7	2053
2986 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	41.7	500	500.4	2938
2990 >E	Fraser 345kV Voltage	SBK Marcy R3108	17.6	327.8	327.8	2721
2993 >E	Ramapo 500kV Voltage	SBK Edic R70	42.3	500	500.3	3019
2994 >E	Ramapo 500kV Voltage	SBK Princeton 345	43.1	500	500.2	2761
2996 >E	Gilboa 345kV Voltage	Ph2 DC 1500	15.0	327.8	332.8	3098
2999 >E	Niagara 230kV East Voltage	SBK Edic R945	30.5	218.5	222.1	2125
2999 >E	Niagara 230kV West Voltage	SBK Edic R945	30.5	218.5	222.1	2125
3002 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	30.7	218.5	222.0	2126
3002 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	30.7	218.5	222.0	2126
3002 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	43.1	500	500.1	2961
3004 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	43.2	500	500.0	2991
3005 >E	Ramapo 500kV Voltage	Pre-Fault	43.2	NA	500	3005
3017 >E	Dunwoodie 345kV Voltage	Ravenswood 3	35.7	327.8	335.3	3100
3020 >E	Sprain Brook 345kV Voltage	Ravenswood 3	35.6	327.8	335.3	3103
3022 >E	Fraser 345kV Voltage	Marcy South N.	18.8	327.8	327.8	3488
3033 >E	Rock Tavern 345kV Voltage	Ravenswood 3	19.3	327.8	331.5	3115
3047 >E	Gilboa 345kV Voltage	Marcy South N.	19.0	327.8	344.2	3496
3051 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	34.1	218.5	220.8	2095
3051 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	34.1	218.5	220.8	2095
3051 >E	Leeds 345kV Voltage	Marcy South S.	16.4	327.8	336.1	3356
3052 >E	Watercure 230kV Voltage	SBK Marcy R3108	21.8	207	228.0	2756
3058 >E	Gilboa 345kV Voltage	SBK Edic R945	17.3	327.8	338.5	2157
3063 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	17.5	327.8	338.3	2159
3083 >E	Millwood 345kV Voltage	Ravenswood 3	32.0	327.8	334.8	3162
3086 >E	Buchanan North 345kV Voltage	Ravenswood 3	32.6	327.8	334.3	3165
3092 >E	Rock Tavern 345kV Voltage	Volney-Marcy	19.1	327.8	328.5	2890
3094 >E	Rock Tavern 345kV Voltage	SBK Edic R70	19.7	327.8	328.4	3119

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3094 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	19.5	327.8	328.4	3043
3099 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	19.8	327.8	328.1	2854
3102 >E	Niagara 345kV Voltage	Marcy South N.	22.0	327.8	353.7	3514
3104 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	19.8	327.8	327.9	3062
3106 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	19.9	327.8	327.8	3093
3116 >E	Niagara 230kV East Voltage	Marcy South N.	44.2	218.5	232.0	3519
3116 >E	Niagara 230kV West Voltage	Marcy South N.	44.2	218.5	232.0	3519
3127 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	19.7	327.8	332.6	2194
3127 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	19.7	327.8	332.6	2194
3127 >E	Niagara 230kV East Voltage	Pre-Fault	77.4	NA	225	3127
3127 >E	Niagara 230kV West Voltage	Pre-Fault	77.4	NA	225	3127
3132 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	19.8	327.8	332.4	2196
3132 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	19.8	327.8	332.4	2196
3137 >E	Ramapo 500kV Voltage	SBK Edic R945	69.3	500	504.4	2200
3143 >E	Niagara 230kV East Voltage	Volney-Marcy	41.2	218.5	224.8	2925
3143 >E	Niagara 230kV West Voltage	Volney-Marcy	41.2	218.5	224.8	2925
3144 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	70.1	500	504.3	2203
3144 >E	Buchanan South 345kV Voltage	Ravenswood 3	31.8	327.8	334.6	3220
3145 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	20.3	327.8	335.2	2143
3161 >E	Somerset 345kV Voltage	SBK Edic R945	26.0	327.8	344.4	2212
3165 >E	Leeds 345kV Voltage	Marcy South N.	22.5	327.8	348.8	3535
3165 >E	Gordon Rd 345kV Voltage	SBK Edic R945	21.6	327.8	317.9	2215
3170 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	21.8	327.8	317.6	2217
3172 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	22.9	327.8	333.2	3172
3174 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	26.6	327.8	344.2	2219
3179 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	26.9	327.8	331.5	3253
3192 >E	Pleasant Valley 345kV Voltage	Marcy South S.	27.2	327.8	331.0	3420
3194 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	23.0	327.8	336.7	2836
3194 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	23.0	327.8	336.7	2836
3224 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	20.9	327.8	327.8	3179
3224 >E	Leeds 345kV Voltage	SBK Edic R70	20.9	327.8	327.8	3248
3224 >E	Leeds 345kV Voltage	SBK Princetown 345	20.9	327.8	327.8	2965
3224 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	20.9	327.8	327.8	3169
3224 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	20.9	327.8	327.8	3211
3224 >E	Leeds 345kV Voltage	Ravenswood 3	20.9	327.8	327.8	3296
3224 >E	Leeds 345kV Voltage	Volney-Marcy	20.9	327.8	327.8	2981
3228 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	23.1	327.8	328.4	2186
3228 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	23.1	327.8	328.4	2186
3235 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	81.5	500	503.5	2189

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3244 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	33.4	327.8	333.5	3202
3246 >E	Niagara 230kV East Voltage	Marcy South S.	48.9	218.5	223.5	3444
3246 >E	Niagara 230kV West Voltage	Marcy South S.	48.9	218.5	223.5	3444
3247 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	35.5	327.8	330.6	3203
3247 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	26.7	327.8	329.1	3190
3252 >E	Ramapo 345kV Voltage	Ravenswood 3	31.8	327.8	333.2	3322
3253 >E	Watercure 230kV Voltage	Ph2 DC 1500	27.8	207	229.5	3206
3255 >E	Rock Tavern 345kV Voltage	SBK Edic R945	28.0	327.8	335.9	2263
3257 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	36.2	327.8	330.6	3207
3260 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	28.2	327.8	335.8	2266
3271 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	28.6	327.8	324.7	2880
3274 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	27.5	327.8	328.1	3015
3275 >E	Ladentown 345kV Voltage	Ravenswood 3	31.6	327.8	334.0	3344
3277 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	27.9	327.8	328.0	3300
3284 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	28.1	327.8	327.8	3270
3288 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	28.2	327.8	327.6	3242
3290 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	34.6	327.8	328.6	3232
3295 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	39.4	327.8	328.5	3237
3297 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	39.2	327.8	328.5	3239
3302 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	34.2	327.8	328.7	3244
3302 >E	Buchanan North 345kV Voltage	SBK Edic R70	35.4	327.8	328.2	3325
3303 >E	Millwood 345kV Voltage	Ph2 DC 1500	33.8	327.8	332.0	3227
3305 >E	Roseton 345kV Voltage	Ravenswood 3	28.9	327.8	331.3	3373
3311 >E	Buchanan North 345kV Voltage	Volney-Marcy	35.3	327.8	328.0	3040
3312 >E	Dunwoodie 345kV Voltage	SBK Edic R70	40.5	327.8	328.1	3334
3314 >E	Sprain Brook 345kV Voltage	SBK Edic R70	40.4	327.8	328.1	3336
3317 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	35.9	327.8	327.8	3303
3318 >E	Ramapo 500kV Voltage	Marcy South N.	87.0	500	506.0	3586
3318 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	35.9	327.8	327.8	3271
3321 >E	Millwood 345kV Voltage	SBK Edic R70	35.3	327.8	328.2	3343
3322 >E	Ramapo 500kV Voltage	Marcy South S.	81.1	500	492.7	3479
3322 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	29.0	327.8	326.4	3052
3324 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	40.9	327.8	327.8	3310
3325 >E	Bowline 1 345kV Voltage	Ravenswood 3	31.6	327.8	334.1	3391
3326 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	40.8	327.8	327.8	3312
3327 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	41.0	327.8	327.7	3280
3329 >E	Buchanan North 345kV Voltage	SBK Princetown 345	36.3	327.8	327.5	3058
3329 >E	Gardenville 230kV Voltage	Ph2 DC 1500	27.9	207	219.2	3238

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3329 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	40.9	327.8	327.7	3282
3333 >E	Dunwoodie 345kV Voltage	Volney-Marcy	41.0	327.8	327.6	3055
3334 >E	Millwood 345kV Voltage	Princeton-N.Scot 345	35.7	327.8	327.8	3319
3334 >E	Sprain Brook 345kV Voltage	Volney-Marcy	40.9	327.8	327.6	3056
3336 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	35.7	327.8	327.7	3289
3338 >E	Millwood 345kV Voltage	Volney-Marcy	35.6	327.8	327.7	3058
3338 >E	Bowline 2 345kV Voltage	Ravenswood 3	31.5	327.8	334.3	3405
3339 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	33.4	327.8	333.5	3242
3350 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	33.7	327.8	328.8	3290
3353 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	41.9	327.8	327.1	3079
3354 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	41.7	327.8	327.1	3081
3355 >E	Ramapo 500kV Voltage	SBK Marcy R3108	84.3	500	501.2	2928
3360 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	32.1	327.8	333.2	2254
3362 >E	Millwood 345kV Voltage	SBK Princetown 345	36.5	327.8	327.0	3088
3363 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	31.3	327.8	331.9	3252
3368 >E	Buchanan South 345kV Voltage	SBK Edic R70	34.7	327.8	328.3	3390
3384 >E	Buchanan South 345kV Voltage	Princeton-N.Scot 345	35.1	327.8	327.8	3369
3385 >E	Buchanan South 345kV Voltage	Volney-Marcy	35.0	327.8	327.8	3091
3386 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	29.2	327.8	328.6	3325
3386 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	35.2	327.8	327.7	3338
3389 >E	Gardenville 230kV Voltage	Marcy South N.	35.9	207	231.4	3610
3395 >E	Ramapo 345kV Voltage	Ph2 DC 1500	33.6	327.8	335.6	3265
3395 >E	Niagara 230kV East Voltage	SBK Marcy R3108	60.1	218.5	230.1	2950
3395 >E	Niagara 230kV West Voltage	SBK Marcy R3108	60.1	218.5	230.1	2950
3397 >E	Roseton 345kV Voltage	Volney-Marcy	29.4	327.8	328.2	3099
3398 >E	Niagara 345kV Voltage	SBK Marcy R3108	29.1	327.8	351.2	2952
3399 >E	Roseton 345kV Voltage	SBK Edic R70	29.8	327.8	328.1	3420
3406 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	32.9	327.8	328.7	3344
3407 >E	Buchanan South 345kV Voltage	SBK Princetown 345	35.9	327.8	327.1	3128
3409 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	30.0	327.8	327.8	3394
3410 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	30.1	327.8	327.8	3362
3417 >E	Ramapo 345kV Voltage	SBK Edic R70	33.6	327.8	328.4	3438
3423 >E	Roseton 345kV Voltage	SBK Princetown 345	30.4	327.8	327.3	3142
3424 >E	Ramapo 345kV Voltage	Volney-Marcy	33.4	327.8	328.2	3117
3432 >E	Ladentown 345kV Voltage	Ph2 DC 1500	33.2	327.8	336.5	3281
3435 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	34.1	327.8	327.8	3386

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3436 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	34.1	327.8	327.8	3421
3442 >E	Ramapo 345kV Voltage	SBK Princetown 345	34.3	327.8	327.7	3158
3450 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	33.0	327.8	328.9	3387
3464 >E	Leeds 345kV Voltage	Ph2 DC 1500	29.2	327.8	327.8	3294
3464 >E	Ladentown 345kV Voltage	SBK Edic R70	33.7	327.8	328.5	3485
3467 >E	Pleasant Valley 345kV Voltage	Marcy South N.	40.3	327.8	342.7	3636
3484 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	39.7	327.8	340.3	2317
3484 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	33.2	327.8	337.1	3303
3484 >E	Ladentown 345kV Voltage	Volney-Marcy	34.1	327.8	327.9	3158
3487 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	34.4	327.8	327.8	3471
3487 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	34.4	327.8	327.8	3437
3498 >E	Gilboa 345kV Voltage	SBK Marcy R3108	32.0	327.8	331.3	3009
3498 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	33.1	327.8	338.8	3309
3502 >E	Ladentown 345kV Voltage	SBK Princetown 345	34.9	327.8	327.4	3212
3502 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	33.0	327.8	329.0	3437
3516 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	32.9	327.8	329.2	3451
3517 >E	Bowline 1 345kV Voltage	SBK Edic R70	33.7	327.8	328.5	3537
3524 >E	Roseton 345kV Voltage	Ph2 DC 1500	34.4	327.8	332.3	3319
3530 >E	Niagara 230kV East Voltage	Ravenswood 3	71.2	218.5	219.8	3586
3530 >E	Niagara 230kV West Voltage	Ravenswood 3	71.2	218.5	219.8	3586
3532 >E	Bowline 2 345kV Voltage	SBK Edic R70	33.6	327.8	328.7	3552
3538 >E	Bowline 1 345kV Voltage	Volney-Marcy	34.1	327.8	327.9	3195
3539 >E	Niagara 230kV East Voltage	SBK Edic R70	71.3	218.5	219.7	3558
3539 >E	Niagara 230kV West Voltage	SBK Edic R70	71.3	218.5	219.7	3558
3541 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	34.3	327.8	327.8	3525
3541 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	34.3	327.8	327.8	3490
3546 >E	Watercure 230kV Voltage	Volney-Marcy	38.5	207	233.0	3201
3556 >E	Bowline 1 345kV Voltage	SBK Princetown 345	34.8	327.8	327.4	3260
3562 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	34.5	327.8	327.8	3546
3562 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	34.5	327.8	327.8	3510
3567 >E	Niagara 230kV East Voltage	SBK Princetown 345	72.9	218.5	219.3	3269
3567 >E	Niagara 230kV West Voltage	SBK Princetown 345	72.9	218.5	219.3	3269
3573 >E	Bowline 2 345kV Voltage	Volney-Marcy	34.7	327.8	327.5	3219
3584 >E	Bowline 2 345kV Voltage	SBK Princetown 345	35.2	327.8	327.2	3284
3619 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	76.6	218.5	218.6	3566
3619 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	76.6	218.5	218.6	3566

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3620 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	76.7	218.5	218.6	3552
3620 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	76.7	218.5	218.6	3552
3627 >E	Dunwoodie 345kV Voltage	Marcy South S.	57.5	327.8	320.4	3617
3628 >E	Niagara 230kV East Voltage	Princeton-N.Scot 345	77.2	218.5	218.5	3612
3628 >E	Niagara 230kV West Voltage	Princeton-N.Scot 345	77.2	218.5	218.5	3612
3641 >E	Sprain Brook 345kV Voltage	Marcy South S.	57.8	327.8	320.1	3623
3648 >E	Millwood 345kV Voltage	Marcy South S.	50.9	327.8	319.0	3626
3683 >E	Roseton 345kV Voltage	Marcy South S.	39.8	327.8	318.7	3642
3727 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	63.5	327.8	326.5	3138
3737 >E	Coopers Corners 345kV Voltage	Marcy South N.	36.3	327.8	306.4	3726
3766 >E	Buchanan North 345kV Voltage	SBK Edic R945	60.2	327.8	333.0	2539
3775 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	60.7	327.8	332.9	2543
3787 >E	Watercure 230kV Voltage	SBK Edic R945	51.8	207	242.7	2550
3792 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	66.7	327.8	326.5	3175
3840 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	54.1	207	243.1	2578
3872 >E	Gardenville 230kV Voltage	SBK Marcy R3108	50.5	207	226.7	3220
3901 >E	Ramapo 345kV Voltage	SBK Edic R945	55.2	327.8	335.0	2612
3912 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	55.7	327.8	334.9	2617
3922 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	53.1	327.8	329.2	2623
3924 >E	Buchanan South 345kV Voltage	Marcy South S.	57.6	327.8	312.4	3751
3927 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	53.3	327.8	329.1	2625
3929 >E	Roseton 345kV Voltage	SBK Edic R945	50.0	327.8	332.5	2627
3930 >E	Leeds 345kV Voltage	SBK Edic R945	44.8	327.8	327.8	2627
3930 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	44.8	327.8	327.8	2626
3930 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	44.8	327.8	327.8	2546
3933 >E	Millwood 345kV Voltage	SBK Edic R945	64.5	327.8	331.1	2629
3936 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	50.3	327.8	332.4	2630
3940 >E	Sprain Brook 345kV Voltage	SBK Edic R945	74.4	327.8	330.3	2633
3941 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	64.9	327.8	331.0	2633
3943 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	68.7	327.8	330.7	2553
3943 >E	Dunwoodie 345kV Voltage	SBK Edic R945	74.9	327.8	330.2	2634
3947 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	74.8	327.8	330.2	2636
3949 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	75.3	327.8	330.1	2637
3988 >E	Buchanan South 345kV Voltage	SBK Edic R945	62.8	327.8	332.6	2659
3997 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	63.2	327.8	332.5	2663
4057 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	58.0	327.8	326.8	2612
4085 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	55.5	327.8	330.0	2626
4102 >E	Buchanan North 345kV Voltage	Marcy South S.	68.6	327.8	306.0	3832
4108 >E	Ladentown 345kV Voltage	SBK Edic R945	60.2	327.8	335.8	2724
4108 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	72.3	327.8	328.9	2638
4109 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	82.9	327.8	328.4	2638

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4110 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	83.4	327.8	328.3	2639
4114 >E	Millwood 345kV Voltage	SBK Marcy R3108	73.2	327.8	326.2	3357
4117 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	63.9	327.8	332.1	2642
4121 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	60.7	327.8	335.7	2730
4135 >E	Roseton 345kV Voltage	Marcy South N.	58.0	327.8	339.6	3859
4143 >E	Millwood 345kV Voltage	Marcy South N.	75.8	327.8	337.3	3862
4164 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	77.9	327.8	326.3	3386
4185 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	71.2	327.8	330.1	2677
4190 >E	Rock Tavern 345kV Voltage	Marcy South S.	50.7	327.8	273.3	3872
4214 >E	Bowline 1 345kV Voltage	SBK Edic R945	60.6	327.8	337.9	2781
4228 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	61.1	327.8	337.8	2787
4233 >E	Dunwoodie 345kV Voltage	Marcy South N.	91.5	327.8	335.6	3892
4240 >E	Sprain Brook 345kV Voltage	Marcy South N.	91.4	327.8	335.6	3894
4281 >E	Gardenville 230kV Voltage	SBK Edic R945	65.7	207	223.3	2817
4287 >E	Coopers Corners 345kV Voltage	Marcy South S.	41.0	327.8	148.6	3916
4312 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	66.9	207	223.1	2833
4360 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	78.6	327.8	326.1	3496
4360 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	69.8	327.8	332.9	2767
4378 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	68.6	327.8	323.9	3507
4379 >E	Bowline 2 345kV Voltage	SBK Edic R945	65.6	327.8	336.6	2870
4396 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	66.2	327.8	336.4	2878
4420 >E	Buchanan South 345kV Voltage	Marcy South N.	81.3	327.8	337.5	3954
4442 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	75.2	327.8	327.5	3543
4443 >E	Buchanan North 345kV Voltage	Marcy South N.	88.9	327.8	335.2	3962
4451 >E	Leeds 345kV Voltage	SBK Marcy R3108	61.9	327.8	327.8	3548
4460 >E	Rainey 345kV Voltage	Ravenswood 3	88.4	327.8	340.6	4470
4486 >E	Rock Tavern 345kV Voltage	Marcy South N.	66.4	327.8	326.6	3976
4487 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	70.4	327.8	335.0	2832
4567 >E	Farragut 345kV Voltage	Ravenswood 3	93.1	327.8	339.8	4571
4614 >E	Watercure 230kV Voltage	Marcy South S.	78.4	207	233.6	4064
4702 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	77.0	327.8	333.2	2942
4799 >E	Rainey 345kV Voltage	Pre-Fault	131.9	NA	338	4799
4808 >E	Farragut 345kV Voltage	Pre-Fault	136.8	NA	338	4808
4830 >E	Ladentown 345kV Voltage	Marcy South S.	80.7	327.8	288.8	4162
4839 >E	Ramapo 345kV Voltage	Marcy South S.	82.7	327.8	286.7	4166
4871 >E	Ramapo 345kV Voltage	SBK Marcy R3108	92.1	327.8	325.4	3786
4944 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	90.7	207	219.2	3066
4999 >E	Roseton 345kV Voltage	SBK Marcy R3108	88.3	327.8	325.7	3858
5003 >E	Ramapo 345kV Voltage	Marcy South N.	94.0	327.8	335.2	4149
5074 >E	Ladentown 345kV Voltage	SBK Marcy R3108	95.6	327.8	325.5	3901
5195 >E	Ladentown 345kV Voltage	Marcy South N.	98.1	327.8	337.0	4213

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5215 >E	Bowline 1 345kV Voltage	Marcy South S.	90.0	327.8	279.1	4337
5233 >E	Bowline 2 345kV Voltage	Marcy South S.	89.3	327.8	279.5	4345
5413 >E	Goethals 345kV Voltage	Ravenswood 3	126.9	327.8	338.6	5374
5495 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	105.4	327.8	325.4	4139
5518 >E	Goethals 345kV Voltage	Pre-Fault	185.5	NA	338	5518
5525 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	104.9	327.8	325.4	4157
5623 >E	Bowline 1 345kV Voltage	Marcy South N.	108.0	327.8	337.7	4356
5656 >E	Bowline 2 345kV Voltage	Marcy South N.	107.5	327.8	337.8	4367
5757 >E	Rainey 345kV Voltage	Ph2 DC 1500	117.1	327.8	333.4	4257
5804 >E	Farragut 345kV Voltage	Ph2 DC 1500	121.3	327.8	333.3	4276
6005 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	126.7	327.8	328.9	5857
6061 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	131.4	327.8	328.8	5911
6103 >E	Rainey 345kV Voltage	SBK Edic R70	130.5	327.8	328.1	6089
6119 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	149.4	207	262.3	3670
6145 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	131.9	327.8	327.8	6114
6156 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	132.2	327.8	327.7	6053
6161 >E	Farragut 345kV Voltage	SBK Edic R70	135.4	327.8	328.1	6147
6171 >E	Rainey 345kV Voltage	Volney-Marcy	132.6	327.8	327.6	4996
6204 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	136.8	327.8	327.8	6172
6215 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	137.2	327.8	327.7	6112
6229 >E	Farragut 345kV Voltage	Volney-Marcy	137.5	327.8	327.6	5036
6245 >E	Rainey 345kV Voltage	SBK Princetown 345	135.2	327.8	327.0	5648
6305 >E	Farragut 345kV Voltage	SBK Princetown 345	140.2	327.8	327.1	5701
6784 >E	Goethals 345kV Voltage	Ph2 DC 1500	160.9	327.8	333.7	4687
7218 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	178.1	327.8	328.8	7030
7353 >E	Goethals 345kV Voltage	SBK Edic R70	183.5	327.8	328.1	7324
7410 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	185.5	327.8	327.8	7371
7425 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	186.0	327.8	327.7	7298
7458 >E	Goethals 345kV Voltage	Volney-Marcy	187.0	327.8	327.5	5876
7545 >E	Goethals 345kV Voltage	SBK Princetown 345	190.2	327.8	327.1	6803
7691 >E	Rainey 345kV Voltage	Marcy South S.	188.9	327.8	316.1	5459
7778 >E	Farragut 345kV Voltage	Marcy South S.	196.0	327.8	316.3	5498
9049 >E	Rainey 345kV Voltage	SBK Edic R945	239.4	327.8	331.7	5390
9083 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	240.6	327.8	331.5	5404
9145 >E	Farragut 345kV Voltage	SBK Edic R945	247.9	327.8	331.6	5442
9181 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	249.2	327.8	331.5	5457
9546 >E	Goethals 345kV Voltage	Marcy South S.	267.2	327.8	316.3	6300
9811 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	267.1	327.8	328.9	5565

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
9853 >E	Niagara 345kV Voltage	SBK Edic R945	244.7	327.8	431.5	5824
9921 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	276.7	327.8	328.9	5621
10085 >E	Rainey 345kV Voltage	SBK Marcy R3108	277.9	327.8	325.4	6739
10328 >E	Station 80 345kV Voltage	SBK Edic R70	704.5	327.8	360.1	10261
10428 >E	Farragut 345kV Voltage	SBK Marcy R3108	296.5	327.8	325.4	6933
10639 >E	Rainey 345kV Voltage	Marcy South N.	298.8	327.8	339.3	6031
10724 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	273.9	327.8	440.2	6288
10771 >E	Farragut 345kV Voltage	Marcy South N.	309.9	327.8	339.1	6075
11213 >E	Northport 138kV Voltage	Pre-Fault	971.6	NA	135	11213
11367 >E	Goethals 345kV Voltage	SBK Edic R945	337.3	327.8	331.5	6641
11413 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	339.1	327.8	331.3	6660
12399 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	376.4	327.8	328.8	6894
12888 >E	Station 80 345kV Voltage	SBK Princetown 345	914.1	327.8	366.9	11547
13192 >E	Northport 138kV Voltage	Ravenswood 3	847.6	131.1	133.0	12759
13226 >E	Goethals 345kV Voltage	SBK Marcy R3108	408.9	327.8	325.2	8518
13748 >E	Goethals 345kV Voltage	Marcy South N.	429.3	327.8	338.8	7069
14582 >E	Northport 138kV Voltage	N.Scot-Leeds 345	938.8	131.1	131.5	14148
14879 >E	Northport 138kV Voltage	SBK Edic R70	962.3	131.1	131.2	14754
15002 >E	Northport 138kV Voltage	Princetown-N.Scot 345	971.6	131.1	131.1	14917
15023 >E	Northport 138kV Voltage	361-362 D1b Ckt Twr 345	973.2	131.1	131.1	14749
15117 >E	Northport 138kV Voltage	Volney-Marcy	980.0	131.1	131.0	11115
15299 >E	Northport 138kV Voltage	SBK Princetown 345	994.1	131.1	130.8	13688

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
16718	Watercure 230kV Voltage	Ravenswood 3	563.6	207	240.2	16106
>E						
18225	Watercure 230kV Voltage	SBK Princetown 345	620.1	207	241.0	16286
>E						
19325	Northport 138kV Voltage	Marcy South S.	1310.8	131.1	126.7	10732
>E						
25934	Northport 138kV Voltage	SBK Edic R945	1832.5	131.1	132.3	14503
>E						
26031	Northport 138kV Voltage	Edic-Gordon Rd. 345	1840.2	131.1	132.3	14538
>E						
28204	Northport 138kV Voltage	Marcy-N.Scot99 345	2009.8	131.1	131.2	15007
>E						
31933	Northport 138kV Voltage	Marcy South N.	2314.0	131.1	135.7	13140
>E						
40577	Watercure 230kV Voltage	SBK Edic R70	1494.0	207	253.0	40125
>E						
60182	Station 80 345kV Voltage	Ravenswood 3	5220.3	327.8	494.0	57367
>E						
99998	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
>E						
99998	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998
99998 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998	Somerset 345kV Voltage	361-362 Dlb Ckt Twr	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

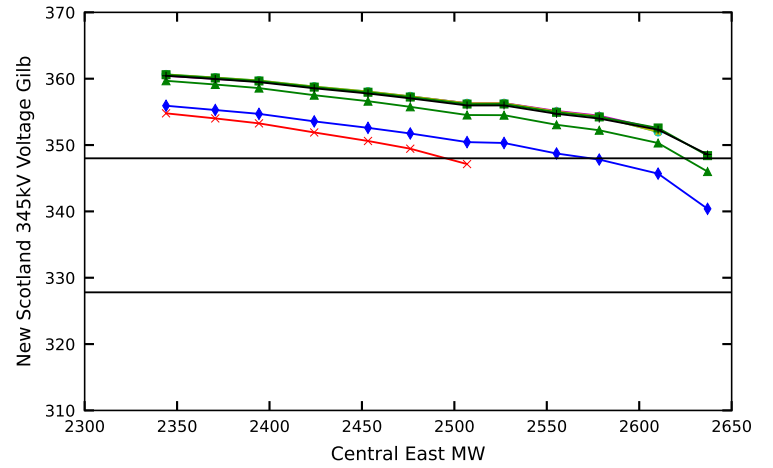
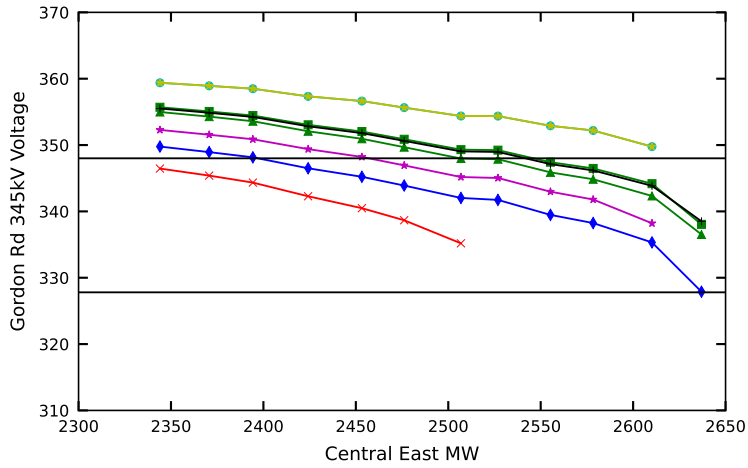
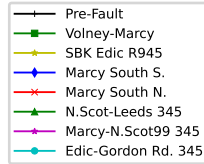
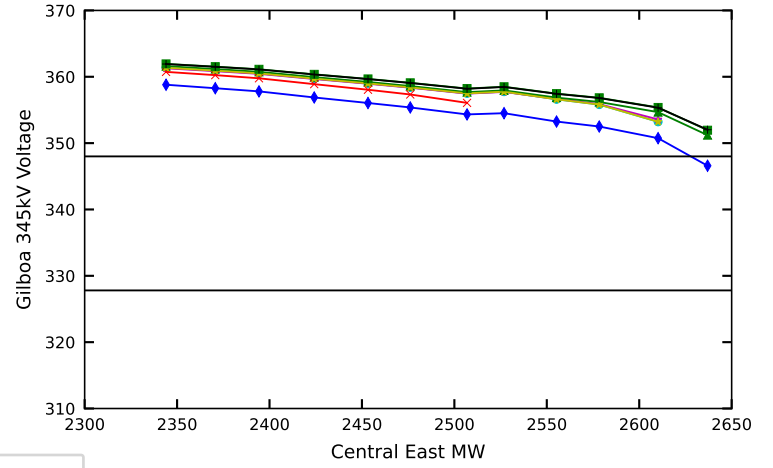
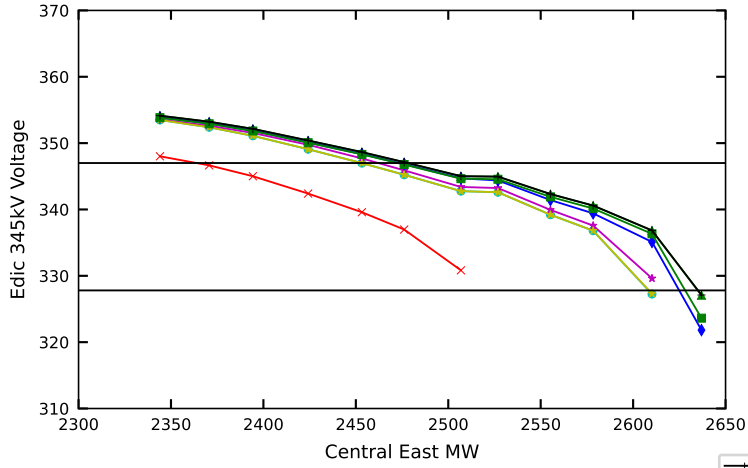
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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 00_CAP

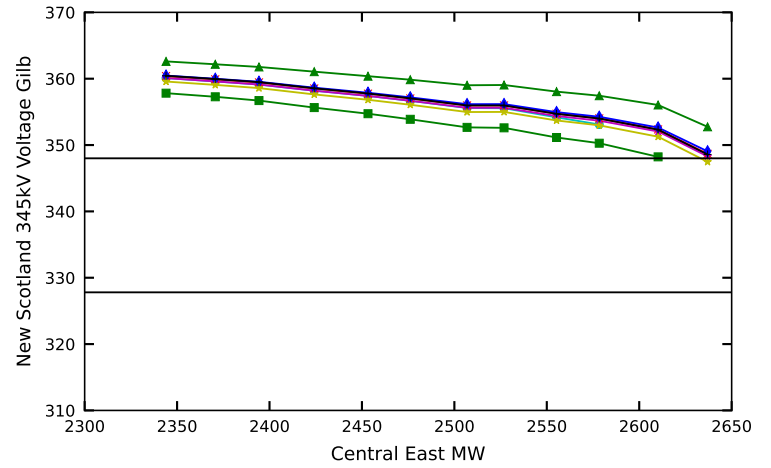
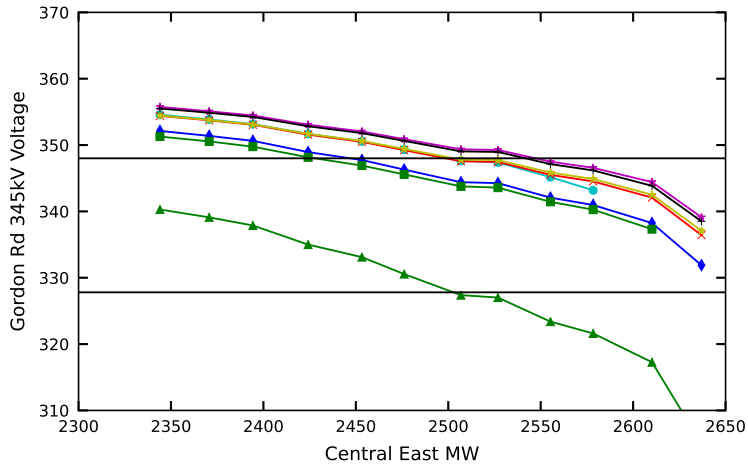
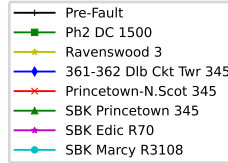
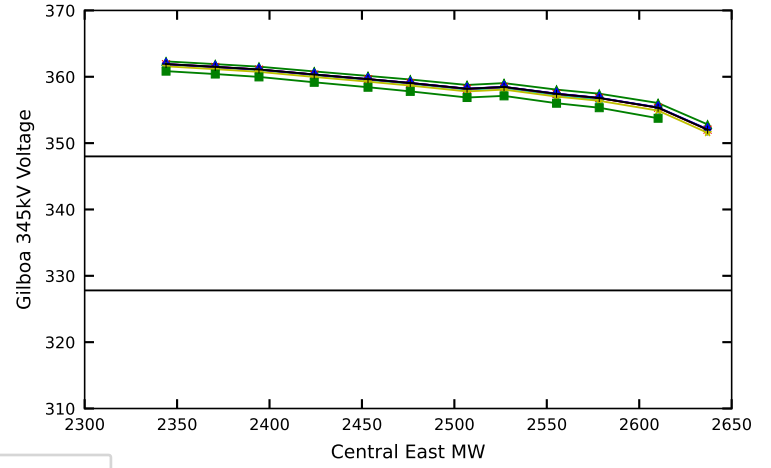
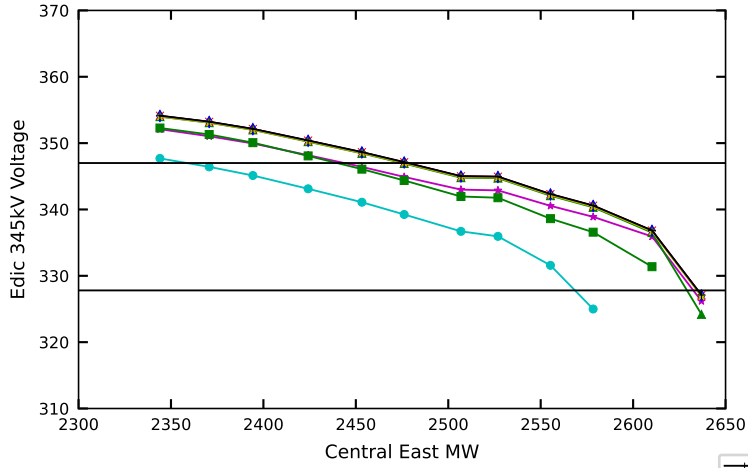
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E		345				
99998	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr	NA	207	NA	99998
>E		345				

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

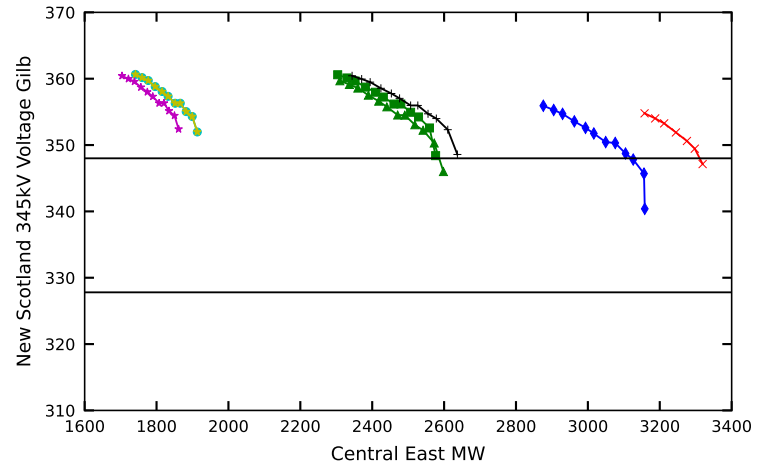
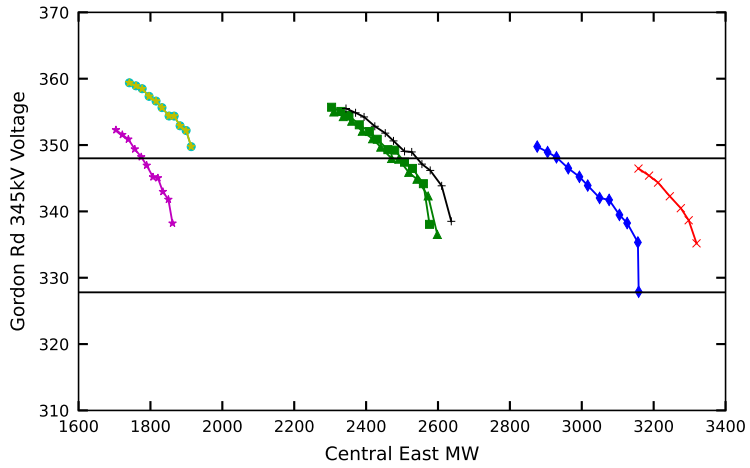
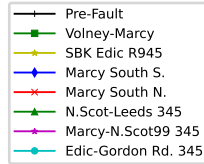
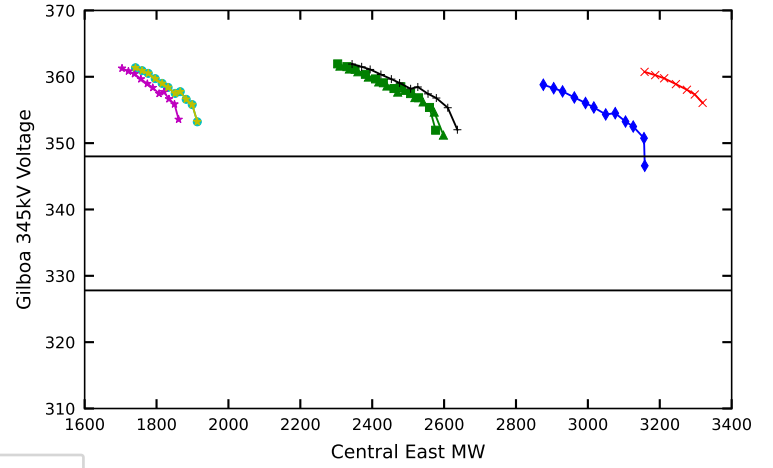
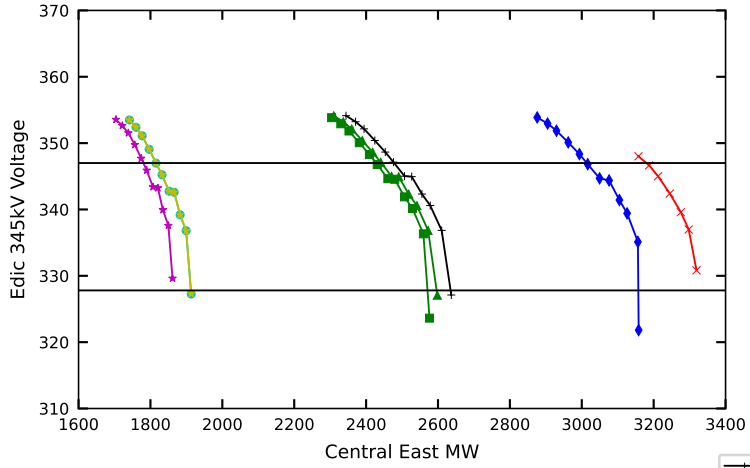
1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS Figure 1



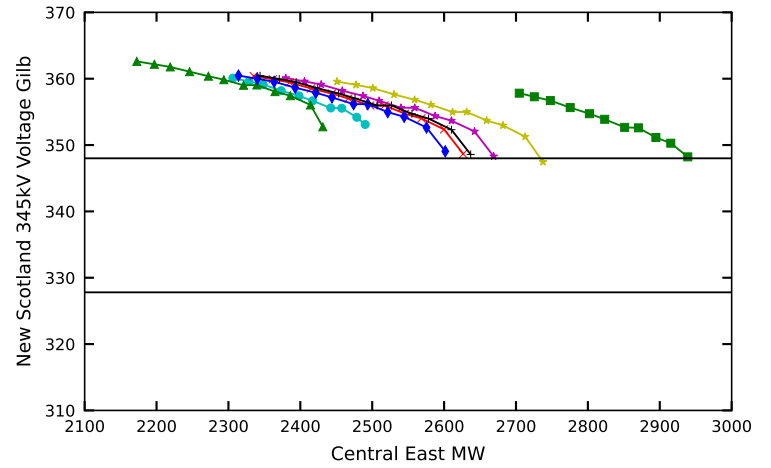
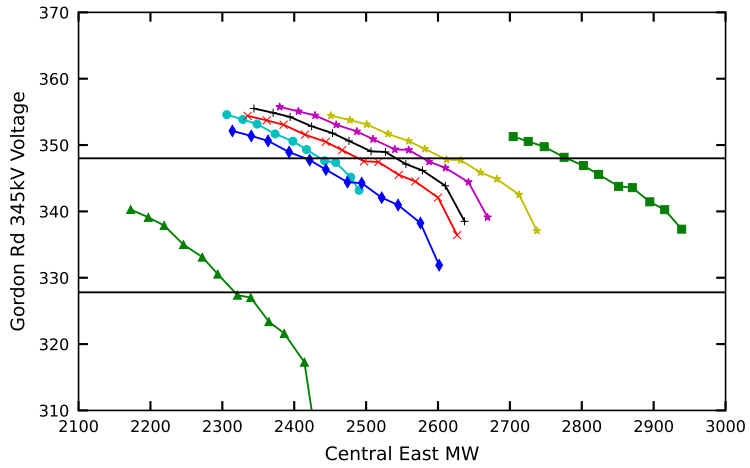
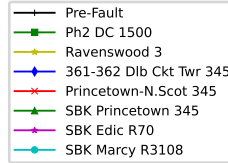
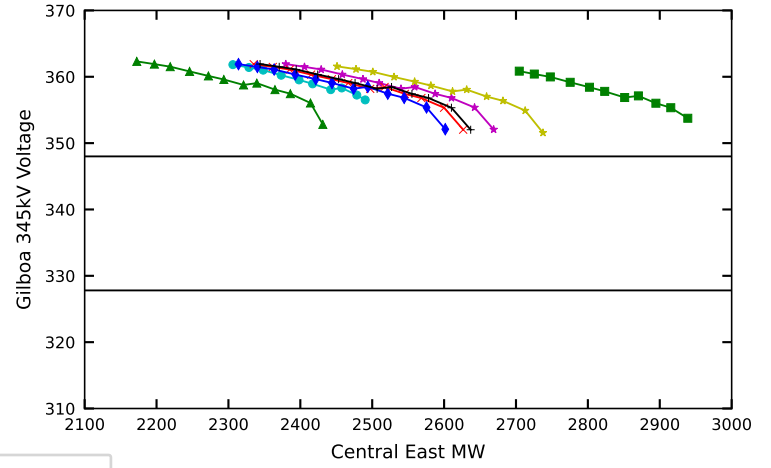
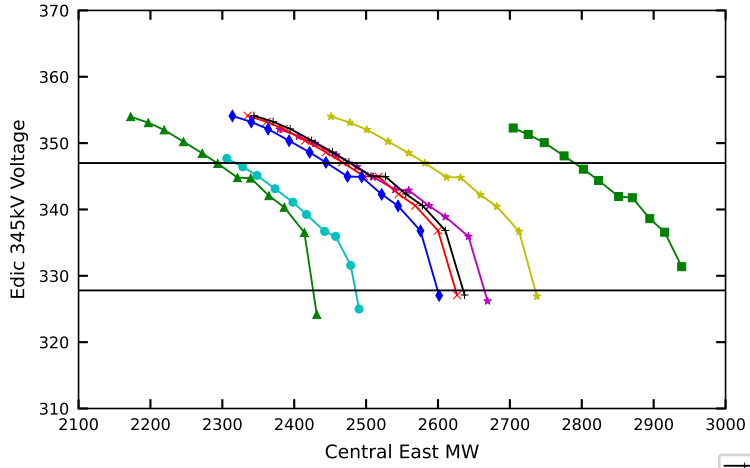
1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS Figure 2



1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS Figure 1



1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\OR_CAPS\Sum2023_CEVC_PH2_00_OR_CAPS.xlsx

1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 OR_CAPS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2344	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2370	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2394	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2424	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2453	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2476	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2506	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2526	t8	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2555	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2578	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2610	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	1															
2636	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	2															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\OR_CAPS\Sum2023_CEVC_PH2_00_OR_CAPS.xlsx

1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 OR_CAPS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic- Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	2
ce02) Marcy- N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	2
ce03) N.Scot- Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	1	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	2
ce13) Volney- Marcy	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Prinetown 345	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Prinetown- N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2257 <E	Dunwoodie 345kV Voltage	Pre-Fault	113.9	NA	348	2257
2268 <E	Sprain Brook 345kV Voltage	Pre-Fault	114.3	NA	348	2268
2381	limit with 5% margin	Marcy South N.	NA	NA	NA	3153
2449	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2365
2465	Marcy 345kV Voltage	Pre-Fault	15.0	NA	348	2465
2472	Pannell Road 345kV Voltage	Pre-Fault	28.9	NA	346	2472
2475	Clay 345kV Voltage	Pre-Fault	17.5	NA	345	2475
2477	Station 80 345kV Voltage	Pre-Fault	32.4	NA	346	2477
2478	Edic 345kV Voltage	Pre-Fault	14.5	NA	347	2478
2479	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1817
2479	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1768
2479	limit with 5% margin	SBK Edic R945	NA	NA	NA	1817
2479	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2792
2502	Gordon Rd 345kV Voltage	SBK Princetown 345	9.7	327.8	349.3	2317
2505	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2468
2505	limit with 5% margin	Marcy South S.	NA	NA	NA	3000
2505	limit with 5% margin	Volney-Marcy	NA	NA	NA	2447
2505	limit with 5% margin	SBK Edic R70	NA	NA	NA	2535
2505	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2309
2505	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2495
2505	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2471
2505	limit with 5% margin	Ravenswood 3	NA	NA	NA	2600
2508 >E	Clay 345kV Voltage	Marcy South N.	5.1	327.8	343.2	3320
2521 >E	Edic 345kV Voltage	Marcy South N.	5.0	327.8	344.0	3329
2524 >E	Marcy 345kV Voltage	Marcy South N.	5.0	327.8	343.9	3331
2541	Gordon Rd 345kV Voltage	Pre-Fault	15.5	NA	348	2541
2563	Clay 345kV Voltage	SBK Marcy R3108	2.9	327.8	340.4	2482
2568	Edic 345kV Voltage	SBK Marcy R3108	3.5	327.8	341.3	2485
2570 >E	Pannell Road 345kV Voltage	Marcy South N.	8.5	327.8	342.4	3364
2572 >E	Gordon Rd 345kV Voltage	Marcy South N.	8.8	327.8	345.7	3365
2603	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	336.7	1910
2603	Clay 345kV Voltage	SBK Edic R945	3.4	327.8	336.7	1910
2604 >E	Station 80 345kV Voltage	Marcy South N.	10.3	327.8	342.1	3388
2605 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	5.1	327.8	341.1	2504
2608	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	337.2	1912
2608	Marcy 345kV Voltage	SBK Edic R945	3.4	327.8	337.2	1912
2608	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	337.1	1912
2608	Edic 345kV Voltage	SBK Edic R945	3.4	327.8	337.0	1912
2611 >E	Oakdale 345kV Voltage	Marcy South N.	7.3	320	345.3	3393
2611	Millwood 345kV Voltage	Pre-Fault	25.3	NA	348	2611

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2612 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	335.8	1862
2617	Clay 345kV Voltage	Volney-Marcy	1.7	327.8	333.4	2563
2617 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	336.0	1864
2620 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	335.7	1865
2623	Clay 345kV Voltage	Marcy South S.	2.0	327.8	331.2	3157
2624	Edic 345kV Voltage	Marcy South S.	2.0	327.8	331.5	3157
2625	Marcy 345kV Voltage	Marcy South S.	2.0	327.8	331.3	3157
2626	Clay 345kV Voltage	SBK Princetown 345	2.1	327.8	330.0	2424
2628	Edic 345kV Voltage	Volney-Marcy	2.1	327.8	330.3	2570
2629	Edic 345kV Voltage	SBK Princetown 345	2.2	327.8	330.0	2426
2629	Marcy 345kV Voltage	Volney-Marcy	2.1	327.8	329.8	2571
2629	Clay 345kV Voltage	SBK Edic R70	2.6	327.8	328.8	2662
2630	Marcy 345kV Voltage	SBK Princetown 345	2.2	327.8	329.7	2426
2630 >E	Station 80 345kV Voltage	SBK Marcy R3108	6.5	327.8	341.4	2516
2631	Clay 345kV Voltage	Ravenswood 3	2.7	327.8	328.3	2732
2632 >E	Edic 345kV Voltage	Ph2 DC 1500	6.1	327.8	334.3	2955
2632	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	2.7	327.8	327.9	2597
2632	Clay 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	327.9	2593
2632	Clay 345kV Voltage	Princetown-N.Scot 345	2.7	327.8	327.8	2622
2632	Edic 345kV Voltage	SBK Edic R70	2.7	327.8	328.7	2664
2633 >E	Clay 345kV Voltage	Ph2 DC 1500	6.6	327.8	333.7	2956
2634 >E	Marcy 345kV Voltage	Ph2 DC 1500	6.1	327.8	334.1	2956
2634	Edic 345kV Voltage	Ravenswood 3	2.7	327.8	328.0	2735
2634	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.7	327.8	327.9	2599
2634	Edic 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	327.8	2596
2635	Edic 345kV Voltage	Princetown-N.Scot 345	2.7	327.8	327.8	2624
2635	Marcy 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	327.8	2596
2635	Marcy 345kV Voltage	Ravenswood 3	2.7	327.8	327.8	2736
2635	Marcy 345kV Voltage	SBK Edic R70	2.7	327.8	327.8	2667
2635	Marcy 345kV Voltage	Princetown-N.Scot 345	2.7	327.8	327.8	2624
2635	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	2.7	327.8	327.8	2600
2635	Oakdale 345kV Voltage	Pre-Fault	3.0	NA	335	2635
2637 >E	Gordon Rd 345kV Voltage	Marcy South S.	3.6	327.8	338.4	3158
2641 >E	New Scotland 345kV Voltage Alps	Pre-Fault	7.2	NA	348	2641
2641 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	7.2	NA	348	2641
2644 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	337.8	1928
2645 >E	Pannell Road 345kV Voltage	SBK Edic R945	5.6	327.8	337.7	1928
2646 >E	Buchanan North 345kV Voltage	Pre-Fault	25.6	NA	346	2646

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2646 >E	Pannell Road 345kV Voltage	Volney-Marcy	3.7	327.8	334.5	2582
2654 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	4.2	327.8	335.1	2618
2657 >E	Fraser 345kV Voltage	Pre-Fault	3.9	NA	338	2657
2657 >E	Pannell Road 345kV Voltage	Marcy South S.	4.2	327.8	332.8	3159
2659 >E	Oakdale 345kV Voltage	Volney-Marcy	2.4	320	327.2	2590
2661 >E	St.Lawrence 230kV Voltage	Pre-Fault	10.2	NA	225	2661
2661 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.8	327.8	336.6	1880
2666 >E	Pannell Road 345kV Voltage	SBK Princetown 345	4.7	327.8	331.4	2450
2667 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	338.0	1938
2667 >E	Station 80 345kV Voltage	SBK Edic R945	6.7	327.8	338.0	1938
2668 >E	Station 80 345kV Voltage	Volney-Marcy	5.0	327.8	335.4	2596
2668 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	4.0	320	337.1	1939
2669 >E	Oakdale 345kV Voltage	Marcy South S.	2.6	320	323.8	3160
2669 >E	Oakdale 345kV Voltage	SBK Edic R945	4.1	320	337.1	1939
2669 >E	Gilboa 345kV Voltage	Pre-Fault	8.1	NA	348	2669
2669 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.6	320	323.7	2452
2672 >E	Coopers Corners 345kV Voltage	Pre-Fault	5.7	NA	338	2672
2673 >E	Rock Tavern 345kV Voltage	Pre-Fault	14.3	NA	348	2673
2677 >E	Oakdale 345kV Voltage	Ravenswood 3	2.9	320	321.2	2774
2677 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.2	320	339.4	2540
2677 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	330.5	2636
2677 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	330.3	2667
2679 >E	Oakdale 345kV Voltage	SBK Edic R70	3.0	320	320.3	2711
2679 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	3.0	320	320.3	2643
2679 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.0	320	320.2	2639
2680 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.0	320	320.1	2669
2681 >E	Gordon Rd 345kV Voltage	Volney-Marcy	4.4	327.8	329.5	2604
2682 >E	Gordon Rd 345kV Voltage	Ravenswood 3	4.9	327.8	329.4	2779
2684 >E	Pannell Road 345kV Voltage	SBK Edic R70	6.3	327.8	328.7	2716
2684 >E	Station 80 345kV Voltage	Marcy South S.	5.9	327.8	333.8	3162
2685 >E	Pannell Road 345kV Voltage	Ravenswood 3	6.3	327.8	328.5	2782
2686 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.7	320	335.2	1888
2686 >E	Pleasant Valley 345kV Voltage	Pre-Fault	19.7	NA	348	2686
2688 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	328.0	2652
2689 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	8.2	327.8	336.8	1889
2689 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	327.9	2647
2689 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	6.5	327.8	327.9	2678
2694 >E	Gordon Rd 345kV Voltage	SBK Edic R70	5.0	327.8	327.1	2725

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2696 >E	Fraser 345kV Voltage	Marcy South S.	3.9	327.8	327.8	3163
2696 >E	Fraser 345kV Voltage	Ravenswood 3	3.9	327.8	327.8	2792
2696 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	327.8	2655
2696 >E	Fraser 345kV Voltage	Volney-Marcy	3.9	327.8	327.8	2614
2696 >E	Fraser 345kV Voltage	SBK Edic R70	3.9	327.8	327.8	2728
2696 >E	Fraser 345kV Voltage	SBK Princetown 345	3.9	327.8	327.8	2469
2696 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	2685
2696 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.8	2659
2699 >E	Station 80 345kV Voltage	SBK Princetown 345	6.8	327.8	332.3	2471
2700 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.0	327.8	339.7	3163
2700 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.0	327.8	339.7	3163
2701 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	5.1	327.8	341.8	1953
2701 >E	St.Lawrence 230kV Voltage	Volney-Marcy	8.1	218.5	221.1	2617
2702 >E	Fraser 345kV Voltage	SBK Edic R945	5.1	327.8	341.8	1954
2702 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	8.9	327.8	337.1	1894
2702 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	10.2	327.8	333.8	3007
2704 >E	Buchanan South 345kV Voltage	Pre-Fault	25.1	NA	346	2704
2705 >E	St.Lawrence 230kV Voltage	Marcy South S.	8.2	218.5	220.6	3163
2710 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	8.6	218.5	220.2	2478
2713 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	10.8	327.8	336.3	3015
2714 >E	Coopers Corners 345kV Voltage	Ravenswood 3	5.6	327.8	330.7	2809
2714 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	7.4	327.8	342.2	1959
2714 >E	Niagara 230kV East Voltage	Pre-Fault	14.9	NA	225	2714
2714 >E	Niagara 230kV West Voltage	Pre-Fault	14.9	NA	225	2714
2714 >E	Coopers Corners 345kV Voltage	SBK Edic R945	7.4	327.8	342.1	1959
2715 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	5.2	327.8	330.5	2481
2721 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.8	327.8	340.0	1901
2722 >E	St.Lawrence 230kV Voltage	Ravenswood 3	10.1	218.5	219.0	2816
2722 >E	Coopers Corners 345kV Voltage	SBK Edic R70	5.6	327.8	329.2	2753
2725 >E	Coopers Corners 345kV Voltage	Volney-Marcy	5.4	327.8	328.7	2633
2727 >E	St.Lawrence 230kV Voltage	SBK Edic R70	10.2	218.5	218.5	2758
2727 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	328.4	2684
2727 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	10.2	218.5	218.5	2716
2728 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	10.2	218.5	218.5	2690
2728 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	10.3	218.5	218.5	2685
2729 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	328.1	2691
2730 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	5.7	327.8	327.9	2719
2732 >E	Ramapo 500kV Voltage	Ravenswood 3	26.5	500	505.0	2826

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2733 >E	Station 80 345kV Voltage	Ravenswood 3	9.5	327.8	328.8	2827
2733 >E	Station 80 345kV Voltage	SBK Edic R70	9.4	327.8	328.8	2764
2733 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	8.4	327.8	340.9	1906
2735 >E	Station 80 345kV Voltage	Ph2 DC 1500	12.1	327.8	334.1	3032
2741 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	9.8	327.8	328.0	2703
2742 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	9.8	327.8	328.0	2698
2743 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	9.8	327.8	327.9	2731
2750 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	6.2	327.8	332.8	2706
2750 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	6.2	327.8	332.8	2706
2750 >E	Marcy 345kV Voltage	SBK Marcy R3108	13.3	327.8	327.8	2577
2754 >E	Ramapo 345kV Voltage	Pre-Fault	24.4	NA	346	2754
2756 >E	Oakdale 345kV Voltage	Ph2 DC 1500	7.3	320	327.5	3047
2757 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	11.6	327.8	338.8	2580
2758 >E	Gilboa 345kV Voltage	Marcy South S.	6.4	327.8	337.0	3167
2763 >E	New Scotland 345kV Voltage Alps	Marcy South N.	13.3	327.8	347.0	3501
2763 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	13.3	327.8	347.0	3501
2769 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	6.4	327.8	330.1	2660
2769 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	6.4	327.8	330.1	2660
2769 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	15.7	218.5	224.9	1984
2769 >E	Niagara 230kV East Voltage	Volney-Marcy	12.0	218.5	221.3	2661
2769 >E	Niagara 230kV West Voltage	Volney-Marcy	12.0	218.5	221.3	2661
2770 >E	St.Lawrence 230kV Voltage	SBK Edic R945	15.8	218.5	224.9	1984
2775 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	7.1	327.8	329.2	2866
2775 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	7.1	327.8	329.2	2866
2778 >E	Niagara 230kV East Voltage	Marcy South S.	12.6	218.5	220.7	3169
2778 >E	Niagara 230kV West Voltage	Marcy South S.	12.6	218.5	220.7	3169
2783 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	7.1	327.8	328.1	2814
2783 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	7.1	327.8	328.1	2814
2788 >E	Ladentown 345kV Voltage	Pre-Fault	24.7	NA	346	2788
2788 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	7.3	327.8	327.5	2776
2788 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	7.3	327.8	327.5	2776
2789 >E	Niagara 230kV East Voltage	SBK Princetown 345	13.3	218.5	219.9	2529
2789 >E	Niagara 230kV West Voltage	SBK Princetown 345	13.3	218.5	219.9	2529
2795 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	7.5	327.8	326.5	2755
2795 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	7.5	327.8	326.5	2755
2797 >E	Leeds 345kV Voltage	Pre-Fault	14.2	NA	345	2797
2800 >E	Niagara 230kV East Voltage	Ravenswood 3	14.4	218.5	219.2	2889
2800 >E	Niagara 230kV West Voltage	Ravenswood 3	14.4	218.5	219.2	2889

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2804 >E	Niagara 230kV East Voltage	SBK Edic R70	14.5	218.5	219.0	2834
2804 >E	Niagara 230kV West Voltage	SBK Edic R70	14.5	218.5	219.0	2834
2807 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	18.5	218.5	223.7	1932
2809 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	14.8	218.5	218.6	2770
2809 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	14.8	218.5	218.6	2770
2810 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	14.8	218.5	218.6	2763
2810 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	14.8	218.5	218.6	2763
2810 >E	Roseton 345kV Voltage	Pre-Fault	21.3	NA	345	2810
2810 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	14.9	218.5	218.5	2798
2810 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	14.9	218.5	218.5	2798
2817 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	7.7	327.8	329.7	2770
2823 >E	St.Lawrence 230kV Voltage	Marcy South N.	26.5	218.5	227.5	3544
2825 >E	Gilboa 345kV Voltage	Volney-Marcy	7.8	327.8	328.7	2696
2827 >E	Gilboa 345kV Voltage	Ravenswood 3	8.0	327.8	328.4	2913
2832 >E	Gilboa 345kV Voltage	SBK Edic R70	8.1	327.8	327.7	2863
2833 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	8.1	327.8	327.7	2821
2835 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	8.2	327.8	327.5	2794
2835 >E	Somerset 345kV Voltage	SBK Marcy R3108	12.6	327.8	347.6	2620
2839 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	8.1	327.8	320.3	2561
2839 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	8.1	327.8	320.3	2561
2844 >E	Gilboa 345kV Voltage	SBK Princetown 345	8.3	327.8	326.3	2564
2852 >E	Bowline 1 345kV Voltage	Pre-Fault	24.7	NA	345	2852
2856 >E	Somerset 345kV Voltage	Volney-Marcy	10.9	327.8	341.9	2716
2857 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	24.6	218.5	222.1	3122
2857 >E	Fraser 345kV Voltage	Ph2 DC 1500	11.1	327.8	327.8	3122
2860 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	19.7	218.5	223.2	2024
2860 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	19.7	218.5	223.2	2024
2861 >E	Niagara 230kV East Voltage	SBK Edic R945	19.8	218.5	223.1	2024
2861 >E	Niagara 230kV West Voltage	SBK Edic R945	19.8	218.5	223.1	2024
2862 >E	Ramapo 500kV Voltage	SBK Princetown 345	28.5	500	500.8	2575
2864 >E	Ramapo 500kV Voltage	Volney-Marcy	28.5	500	500.7	2721
2867 >E	Bowline 2 345kV Voltage	Pre-Fault	25.1	NA	345	2867
2871 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	29.4	500	500.5	2822
2875 >E	Ramapo 500kV Voltage	SBK Edic R70	29.6	500	500.3	2905
2877 >E	Leeds 345kV Voltage	Marcy South S.	9.6	327.8	339.4	3177
2882 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	13.7	327.8	331.2	3141
2884 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	30.5	500	500.0	2842

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2885 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	30.5	500	500.0	2872
2885 >E	Ramapo 500kV Voltage	Pre-Fault	30.5	NA	500	2885
2887 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	21.5	218.5	222.2	1961
2887 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	21.5	218.5	222.2	1961
2891 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	13.6	327.8	344.9	2038
2892 >E	Dunwoodie 345kV Voltage	Ravenswood 3	24.8	327.8	335.6	2974
2894 >E	Somerset 345kV Voltage	SBK Edic R945	13.7	327.8	344.8	2039
2894 >E	Sprain Brook 345kV Voltage	Ravenswood 3	24.7	327.8	335.6	2975
2897 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	13.1	327.8	323.0	2040
2898 >E	Gordon Rd 345kV Voltage	SBK Edic R945	13.1	327.8	322.9	2041
2900 >E	Rock Tavern 345kV Voltage	Ravenswood 3	13.4	327.8	332.0	2981
2910 >E	Somerset 345kV Voltage	Marcy South N.	19.8	327.8	346.5	3605
2910 >E	Niagara 230kV East Voltage	Ph2 DC 1500	23.8	218.5	221.4	3162
2910 >E	Niagara 230kV West Voltage	Ph2 DC 1500	23.8	218.5	221.4	3162
2911 >E	Somerset 345kV Voltage	Marcy South S.	13.1	327.8	339.9	3180
2917 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	41.9	500	505.5	2049
2918 >E	Ramapo 500kV Voltage	SBK Edic R945	42.1	500	505.5	2050
2921 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	12.2	327.8	341.0	2051
2922 >E	Gilboa 345kV Voltage	SBK Edic R945	12.3	327.8	341.0	2052
2925 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	15.5	327.8	335.7	3173
2925 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	15.5	327.8	335.7	3173
2929 >E	Ramapo 500kV Voltage	Ph2 DC 1500	69.3	500	505.4	3176
2934 >E	Buchanan North 345kV Voltage	Ravenswood 3	22.3	327.8	334.8	3013
2936 >E	Millwood 345kV Voltage	Ravenswood 3	22.1	327.8	335.2	3014
2939 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	13.6	327.8	335.0	2059
2939 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	13.6	327.8	335.0	2059
2940 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	13.7	327.8	334.9	2060
2940 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	13.7	327.8	334.9	2060
2941 >E	Rock Tavern 345kV Voltage	SBK Princeton 345	13.6	327.8	329.1	2626
2941 >E	Watercure 230kV Voltage	SBK Marcy R3108	16.2	207	226.6	2674
2950 >E	Rock Tavern 345kV Voltage	SBK Edic R70	14.0	327.8	328.5	2980
2951 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	14.0	327.8	328.5	2898
2953 >E	Rock Tavern 345kV Voltage	Volney-Marcy	13.8	327.8	328.3	2778
2954 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	46.9	500	505.1	1985
2960 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	14.3	327.8	327.8	2916
2960 >E	Somerset 345kV Voltage	Pre-Fault	26.5	NA	338	2960
2960 >E	Rock Tavern 345kV Voltage	Princeton-N.Scot 345	14.3	327.8	327.8	2947
2965 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	13.8	327.8	339.0	1989
2973 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	17.1	327.8	343.1	1992
2975 >E	Buchanan South 345kV Voltage	Ravenswood 3	21.8	327.8	335.2	3051

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2976 >E	Somerset 345kV Voltage	SBK Princetown 345	15.8	327.8	337.4	2649
2979 >E	Pleasant Valley 345kV Voltage	Marcy South S.	17.2	327.8	333.1	3185
2988 >E	Watercure 230kV Voltage	Marcy South N.	24.5	207	230.6	3660
2996 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	15.7	327.8	332.0	2000
2996 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	15.7	327.8	332.0	2000
3002 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	17.8	207	230.8	2087
3006 >E	Watercure 230kV Voltage	SBK Edic R945	18.0	207	230.8	2089
3007 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	18.7	327.8	331.7	3080
3029 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	39.0	218.5	223.9	2718
3036 >E	Fraser 345kV Voltage	SBK Marcy R3108	18.2	327.8	327.8	2721
3038 >E	Fraser 345kV Voltage	Marcy South N.	19.5	327.8	327.8	3696
3042 >E	Leeds 345kV Voltage	SBK Princetown 345	14.2	327.8	327.8	2691
3042 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	14.2	327.8	327.8	2985
3042 >E	Leeds 345kV Voltage	Volney-Marcy	14.2	327.8	327.8	2834
3042 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	14.2	327.8	327.8	2995
3042 >E	Leeds 345kV Voltage	SBK Edic R70	14.2	327.8	327.8	3071
3042 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	14.2	327.8	327.8	3028
3042 >E	Leeds 345kV Voltage	Ravenswood 3	14.2	327.8	327.8	3112
3044 >E	Ramapo 500kV Voltage	Marcy South S.	50.1	500	494.8	3190
3044 >E	Ramapo 345kV Voltage	Ravenswood 3	21.6	327.8	334.1	3115
3056 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	18.7	327.8	329.2	2999
3061 >E	Ladentown 345kV Voltage	Ravenswood 3	21.5	327.8	335.0	3130
3076 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	20.7	327.8	340.0	2120
3078 >E	Rock Tavern 345kV Voltage	SBK Edic R945	20.8	327.8	339.9	2121
3078 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	19.5	327.8	328.1	3107
3080 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	19.4	327.8	328.0	2859
3086 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	19.7	327.8	327.7	3072
3090 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	24.6	327.8	328.7	3032
3091 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	19.9	327.8	327.4	3044
3094 >E	Bowline 1 345kV Voltage	Ravenswood 3	21.5	327.8	335.2	3161
3094 >E	Roseton 345kV Voltage	Ravenswood 3	20.1	327.8	331.7	3161
3095 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	28.0	327.8	328.6	3036
3096 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	27.9	327.8	328.6	3037
3097 >E	Buchanan North 345kV Voltage	SBK Edic R70	25.1	327.8	328.4	3126
3098 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	24.2	327.8	328.8	3038
3104 >E	Bowline 2 345kV Voltage	Ravenswood 3	21.5	327.8	335.6	3170
3106 >E	Dunwoodie 345kV Voltage	SBK Edic R70	28.7	327.8	328.2	3135
3107 >E	Buchanan North 345kV Voltage	SBK Princetown 345	25.2	327.8	328.0	2733
3107 >E	Sprain Brook 345kV Voltage	SBK Edic R70	28.6	327.8	328.2	3136

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3110 >E	Buchanan North 345kV Voltage	Volney-Marcy	25.3	327.8	327.9	2878
3110 >E	Millwood 345kV Voltage	SBK Edic R70	24.8	327.8	328.3	3139
3113 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	20.3	327.8	326.3	2736
3113 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	25.7	327.8	327.8	3099
3115 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	25.8	327.8	327.7	3067
3117 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	21.3	327.8	337.3	2762
3117 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	21.3	327.8	337.3	2762
3120 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	29.3	327.8	327.8	3105
3121 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	29.1	327.8	327.8	3107
3124 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	29.4	327.8	327.6	3075
3124 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	25.4	327.8	327.7	3110
3125 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	29.3	327.8	327.6	3076
3125 >E	Dunwoodie 345kV Voltage	Volney-Marcy	29.3	327.8	327.6	2888
3126 >E	Sprain Brook 345kV Voltage	Volney-Marcy	29.2	327.8	327.6	2888
3127 >E	Millwood 345kV Voltage	Volney-Marcy	25.3	327.8	327.6	2889
3128 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	25.5	327.8	327.6	3080
3130 >E	Gilboa 345kV Voltage	Ph2 DC 1500	20.1	327.8	331.4	3326
3133 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	24.0	327.8	328.9	3072
3135 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	29.6	327.8	327.2	2751
3136 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	29.5	327.8	327.2	2751
3138 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	23.2	327.8	338.3	2052
3138 >E	Millwood 345kV Voltage	SBK Princetown 345	25.6	327.8	327.2	2752
3140 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	23.5	207	230.2	2052
3144 >E	Buchanan South 345kV Voltage	SBK Edic R70	24.5	327.8	328.5	3172
3159 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	20.7	327.8	328.7	3097
3159 >E	Somerset 345kV Voltage	Ph2 DC 1500	26.2	327.8	338.9	3347
3161 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	25.1	327.8	327.8	3147
3162 >E	Buchanan South 345kV Voltage	Volney-Marcy	25.0	327.8	327.7	2911
3163 >E	Somerset 345kV Voltage	Ravenswood 3	24.2	327.8	330.4	3225
3164 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	25.2	327.8	327.6	3115
3167 >E	Buchanan South 345kV Voltage	SBK Princetown 345	25.1	327.8	327.5	2771
3168 >E	Roseton 345kV Voltage	SBK Edic R70	21.1	327.8	328.2	3196
3171 >E	Roseton 345kV Voltage	Volney-Marcy	21.0	327.8	328.1	2917
3172 >E	Somerset 345kV Voltage	SBK Edic R70	24.4	327.8	330.0	3201
3172 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	23.5	327.8	328.8	3110
3177 >E	Roseton 345kV Voltage	SBK Princetown 345	21.1	327.8	327.8	2777

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3177 >E	Ramapo 345kV Voltage	SBK Edic R70	23.7	327.8	328.6	3206
3178 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	21.4	327.8	327.8	3163
3180 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	21.4	327.8	327.6	3131
3181 >E	Ramapo 345kV Voltage	SBK Princeton 345	23.7	327.8	328.5	2780
3190 >E	Ramapo 345kV Voltage	Volney-Marcy	24.0	327.8	328.1	2929
3193 >E	Gilboa 345kV Voltage	Marcy South N.	24.3	327.8	338.7	3806
3197 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	24.4	327.8	327.8	3183
3199 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	24.4	327.8	327.7	3148
3207 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	23.6	327.8	329.1	3143
3213 >E	Ladentown 345kV Voltage	SBK Edic R70	23.9	327.8	328.8	3241
3219 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	26.0	327.8	328.3	3168
3221 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	26.1	327.8	328.2	3157
3227 >E	Somerset 345kV Voltage	Princeton-N.Scot 345	26.4	327.8	327.9	3212
3229 >E	Ladentown 345kV Voltage	SBK Princeton 345	24.3	327.8	328.2	2811
3236 >E	Ladentown 345kV Voltage	Volney-Marcy	24.5	327.8	327.9	2959
3238 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	24.7	327.8	327.8	3223
3240 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	24.8	327.8	327.7	3189
3243 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	23.6	327.8	329.1	3178
3250 >E	Bowline 1 345kV Voltage	SBK Edic R70	23.9	327.8	328.9	3278
3251 >E	Niagara 345kV Voltage	Volney-Marcy	21.3	327.8	347.3	2968
3255 >E	Dunwoodie 345kV Voltage	Marcy South S.	36.5	327.8	323.1	3207
3260 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	23.8	327.8	329.4	3193
3261 >E	Millwood 345kV Voltage	Marcy South S.	32.0	327.8	322.4	3208
3263 >E	Sprain Brook 345kV Voltage	Marcy South S.	36.7	327.8	322.9	3208
3264 >E	Bowline 2 345kV Voltage	SBK Edic R70	23.9	327.8	329.2	3291
3266 >E	Bowline 1 345kV Voltage	SBK Princeton 345	24.3	327.8	328.2	2835
3275 >E	Bowline 1 345kV Voltage	Volney-Marcy	24.5	327.8	327.9	2983
3276 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	29.3	327.8	325.1	2843
3277 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	24.7	327.8	327.8	3261
3279 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	24.8	327.8	327.7	3226
3284 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	35.7	327.8	335.8	2212
3286 >E	Buchanan North 345kV Voltage	SBK Edic R945	35.8	327.8	335.8	2214
3292 >E	Roseton 345kV Voltage	Marcy South S.	25.3	327.8	322.4	3210
3293 >E	Bowline 2 345kV Voltage	SBK Princeton 345	24.8	327.8	328.1	2852
3297 >E	Niagara 230kV East Voltage	SBK Marcy R3108	52.1	218.5	230.7	2853
3297 >E	Niagara 230kV West Voltage	SBK Marcy R3108	52.1	218.5	230.7	2853

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3298 >E	Niagara 345kV Voltage	SBK Marcy R3108	25.2	327.8	352.5	2854
3300 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	25.1	327.8	327.8	3284
3302 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	25.2	327.8	327.7	3249
3305 >E	Bowline 2 345kV Voltage	Volney-Marcy	25.2	327.8	327.6	3002
3323 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	40.5	327.8	332.0	2230
3324 >E	Sprain Brook 345kV Voltage	SBK Edic R945	40.6	327.8	332.0	2230
3333 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	41.3	327.8	331.9	2234
3334 >E	Dunwoodie 345kV Voltage	SBK Edic R945	41.3	327.8	331.9	2235
3362 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	39.5	327.8	334.5	2133
3373 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	30.4	207	222.1	2252
3378 >E	Gardenville 230kV Voltage	SBK Edic R945	30.6	207	222.0	2254
3384 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	38.2	327.8	333.6	2257
3386 >E	Millwood 345kV Voltage	SBK Edic R945	38.3	327.8	333.6	2258
3388 >E	Niagara 345kV Voltage	Marcy South S.	25.7	327.8	344.9	3218
3390 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	43.8	327.8	330.8	2143
3390 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	33.9	327.8	339.3	2259
3393 >E	Ramapo 345kV Voltage	SBK Edic R945	34.0	327.8	339.2	2261
3401 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	44.7	327.8	330.7	2147
3411 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	37.0	327.8	335.6	2268
3413 >E	Buchanan South 345kV Voltage	SBK Edic R945	37.1	327.8	335.5	2270
3414 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	33.1	327.8	330.9	3537
3429 >E	Buchanan South 345kV Voltage	Marcy South S.	36.0	327.8	317.1	3221
3437 >E	Ramapo 500kV Voltage	SBK Marcy R3108	93.7	500	501.9	2924
3444 >E	Leeds 345kV Voltage	Marcy South N.	30.7	327.8	343.3	3984
3444 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	46.5	327.8	329.7	3559
3456 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	47.3	327.8	329.7	3567
3466 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	41.8	327.8	332.1	2170
3469 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	35.0	327.8	339.8	2295
3472 >E	Ladentown 345kV Voltage	SBK Edic R945	35.1	327.8	339.7	2296
3490 >E	Gilboa 345kV Voltage	SBK Marcy R3108	31.8	327.8	331.9	2951
3491 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	38.0	327.8	337.6	2179
3496 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	46.8	327.8	332.2	3597
3502 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	40.8	327.8	334.0	2183
3514 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	35.7	207	220.0	2187
3521 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	34.9	327.8	340.9	2318
3524 >E	Bowline 1 345kV Voltage	SBK Edic R945	35.0	327.8	340.9	2319
3534 >E	Buchanan North 345kV Voltage	Marcy South S.	42.7	327.8	311.4	3230
3535 >E	Millwood 345kV Voltage	Ph2 DC 1500	45.1	327.8	330.8	3627
3543 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	37.8	327.8	331.7	2327
3545 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	37.9	327.8	331.7	2328

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3558 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	36.1	327.8	336.0	2334
3560 >E	Roseton 345kV Voltage	SBK Edic R945	36.2	327.8	336.0	2335
3563 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	35.8	327.8	341.7	2336
3566 >E	Bowline 2 345kV Voltage	SBK Edic R945	35.9	327.8	341.6	2338
3572 >E	Gardenville 230kV Voltage	Volney-Marcy	36.8	207	223.7	3173
3576 >E	Niagara 345kV Voltage	SBK Princetown 345	31.8	327.8	341.7	3033
3582 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	39.3	327.8	338.0	2212
3599 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	40.8	327.8	330.5	3674
3608 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	45.8	327.8	332.1	3681
3610 >E	Niagara 345kV Voltage	Marcy South N.	39.7	327.8	350.8	4102
3633 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	41.1	327.8	329.8	2231
3639 >E	Coopers Corners 345kV Voltage	Marcy South N.	39.8	327.8	304.7	4123
3641 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	39.2	327.8	339.1	2233
3646 >E	Rock Tavern 345kV Voltage	Marcy South S.	33.7	327.8	279.7	3239
3654 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	39.5	327.8	334.1	2238
3690 >E	Ramapo 500kV Voltage	Marcy South N.	132.4	500	502.3	4159
3701 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	40.7	327.8	339.7	2255
3703 >E	Niagara 230kV East Voltage	Marcy South N.	84.4	218.5	231.1	4168
3703 >E	Niagara 230kV West Voltage	Marcy South N.	84.4	218.5	231.1	4168
3711 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	36.3	327.8	327.8	2259
3711 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	36.3	327.8	327.8	2402
3711 >E	Leeds 345kV Voltage	SBK Edic R945	36.3	327.8	327.8	2402
3711 >E	Leeds 345kV Voltage	Ph2 DC 1500	36.3	327.8	327.8	3757
3713 >E	Coopers Corners 345kV Voltage	Marcy South S.	27.5	327.8	155.6	3244
3719 >E	Gardenville 230kV Voltage	SBK Marcy R3108	44.1	207	228.1	3066
3720 >E	Gardenville 230kV Voltage	Marcy South S.	43.0	207	222.2	3244
3740 >E	Ramapo 345kV Voltage	Ph2 DC 1500	48.5	327.8	333.6	3779
3769 >E	Pleasant Valley 345kV Voltage	Marcy South N.	53.0	327.8	337.2	4215
3789 >E	Niagara 345kV Voltage	Pre-Fault	58.1	NA	338	3789
3792 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	40.8	327.8	362.7	2438
3792 >E	Ladentown 345kV Voltage	Ph2 DC 1500	47.9	327.8	334.7	3818
3807 >E	Niagara 345kV Voltage	SBK Edic R945	41.3	327.8	362.8	2445
3818 >E	Gardenville 230kV Voltage	Ph2 DC 1500	46.6	207	215.5	3837
3840 >E	Roseton 345kV Voltage	Ph2 DC 1500	46.2	327.8	330.5	3853
3866 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	47.8	327.8	335.7	3873
3896 >E	Rainey 345kV Voltage	Ravenswood 3	61.4	327.8	341.0	3904
3920 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	48.9	327.8	336.6	3912
3966 >E	Ramapo 345kV Voltage	Marcy South S.	50.6	327.8	296.3	3264
3969 >E	Farragut 345kV Voltage	Ravenswood 3	64.7	327.8	340.2	3972
3970 >E	Ladentown 345kV Voltage	Marcy South S.	49.7	327.8	298.2	3264
4017 >E	Gardenville 230kV Voltage	SBK Princetown 345	53.6	207	219.2	3316

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4066 >E	Watercure 230kV Voltage	Ph2 DC 1500	62.6	207	226.3	4021
4088 >E	Niagara 345kV Voltage	Ravenswood 3	49.2	327.8	332.9	4082
4149 >E	Niagara 345kV Voltage	SBK Edic R70	50.9	327.8	331.8	4171
4177 >E	Rainey 345kV Voltage	Pre-Fault	94.5	NA	338	4177
4183 >E	Farragut 345kV Voltage	Pre-Fault	98.0	NA	338	4183
4200 >E	Bowline 1 345kV Voltage	Marcy South S.	55.1	327.8	290.4	3283
4213 >E	Bowline 2 345kV Voltage	Marcy South S.	54.7	327.8	291.4	3284
4240 >E	Gardenville 230kV Voltage	Pre-Fault	99.2	NA	217	4240
4337 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	56.7	327.8	328.6	4257
4346 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	57.0	327.8	328.4	4232
4368 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	57.7	327.8	328.0	4344
4371 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	98.5	327.8	326.3	3396
4391 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	60.8	327.8	365.0	2504
4441 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	101.7	327.8	326.2	3432
4491 >E	Gardenville 230kV Voltage	Marcy South N.	79.0	207	233.6	4728
4547 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	76.4	327.8	325.0	3485
4560 >E	Goethals 345kV Voltage	Ravenswood 3	88.3	327.8	339.0	4519
4560 >E	Roseton 345kV Voltage	Marcy South N.	74.3	327.8	332.1	4777
4575 >E	Leeds 345kV Voltage	SBK Marcy R3108	63.9	327.8	327.8	3499
4589 >E	Millwood 345kV Voltage	Marcy South N.	97.9	327.8	330.8	4797
4656 >E	Dunwoodie 345kV Voltage	Marcy South N.	115.5	327.8	329.9	4844
4669 >E	Sprain Brook 345kV Voltage	Marcy South N.	115.6	327.8	329.9	4854
4692 >E	Goethals 345kV Voltage	Pre-Fault	132.9	NA	338	4692
4712 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	105.1	327.8	326.9	3569
4739 >E	Gardenville 230kV Voltage	Ravenswood 3	80.9	207	212.0	4684
4756 >E	Millwood 345kV Voltage	SBK Marcy R3108	103.4	327.8	326.3	3591
4766 >E	Rock Tavern 345kV Voltage	Marcy South N.	80.4	327.8	316.9	4923
4779 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	88.3	327.8	328.1	3603
4883 >E	Gardenville 230kV Voltage	SBK Edic R70	86.3	207	210.5	4899
4968 >E	Buchanan South 345kV Voltage	Marcy South N.	106.3	327.8	329.7	5066
5018 >E	Buchanan North 345kV Voltage	Marcy South N.	118.1	327.8	326.8	5102
5031 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	90.4	327.8	329.0	4887
5038 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	108.4	327.8	326.4	3734
5070 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	93.8	327.8	328.9	4925
5092 >E	Rainey 345kV Voltage	SBK Edic R70	92.8	327.8	328.3	5107
5133 >E	Farragut 345kV Voltage	SBK Edic R70	96.2	327.8	328.3	5148
5147 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	94.7	327.8	327.7	5117
5147 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	96.1	207	207.9	5045
5154 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	96.4	207	207.8	5005

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5161 >E	Rainey 345kV Voltage	Volney-Marcy	95.0	327.8	327.6	4187
5164 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	95.3	327.8	327.6	5062
5180 >E	Watercure 230kV Voltage	Volney-Marcy	105.4	207	304.7	4199
5189 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	98.2	327.8	327.7	5158
5195 >E	Rainey 345kV Voltage	SBK Princetown 345	96.1	327.8	327.2	4072
5203 >E	Farragut 345kV Voltage	Volney-Marcy	98.6	327.8	327.6	4214
5206 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	98.8	327.8	327.6	5102
5206 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	98.2	207	207.3	5176
5237 >E	Farragut 345kV Voltage	SBK Princetown 345	99.7	327.8	327.2	4099
5398 >E	Roseton 345kV Voltage	SBK Marcy R3108	102.9	327.8	326.2	3915
5490 >E	Ramapo 345kV Voltage	SBK Marcy R3108	117.6	327.8	326.5	3962
5804 >E	Ramapo 345kV Voltage	Marcy South N.	127.4	327.8	323.2	5659
5833 >E	Rainey 345kV Voltage	Marcy South S.	119.9	327.8	320.5	3413
5844 >E	Ladentown 345kV Voltage	SBK Marcy R3108	125.5	327.8	326.5	4141
5887 >E	Farragut 345kV Voltage	Marcy South S.	124.3	327.8	320.6	3418
5897 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	127.1	327.8	328.9	5715
5982 >E	Goethals 345kV Voltage	SBK Edic R70	130.5	327.8	328.3	5991
6056 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	133.2	327.8	327.7	6019
6062 >E	Ladentown 345kV Voltage	Marcy South N.	132.2	327.8	325.5	5842
6080 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	134.1	327.8	327.6	5953
6083 >E	Goethals 345kV Voltage	Volney-Marcy	134.0	327.8	327.5	4775
6125 >E	Goethals 345kV Voltage	SBK Princetown 345	135.5	327.8	327.2	4668
6258 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	136.0	327.8	334.6	3533
6265 >E	Rainey 345kV Voltage	SBK Edic R945	136.3	327.8	334.5	3537
6324 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	141.2	327.8	334.5	3562
6331 >E	Farragut 345kV Voltage	SBK Edic R945	141.5	327.8	334.4	3566
6417 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	139.1	327.8	326.4	4430
6451 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	138.2	327.8	326.4	4448
6585 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	147.8	327.8	332.8	3297
6656 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	153.5	327.8	332.7	3322
6665 >E	Bowline 1 345kV Voltage	Marcy South N.	146.5	327.8	325.2	6270
6702 >E	Bowline 2 345kV Voltage	Marcy South N.	145.7	327.8	325.2	6297
6820 >E	Rainey 345kV Voltage	Ph2 DC 1500	156.6	327.8	331.5	6069
6892 >E	Niagara 345kV Voltage	Ph2 DC 1500	148.7	327.8	374.5	6123
6895 >E	Farragut 345kV Voltage	Ph2 DC 1500	162.7	327.8	331.5	6125
7002 >E	Goethals 345kV Voltage	Marcy South S.	169.2	327.8	320.6	3507
7568 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	191.4	327.8	334.3	4114
7578 >E	Goethals 345kV Voltage	SBK Edic R945	191.8	327.8	334.3	4121

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
8011 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	208.1	327.8	332.6	3812
8276 >E	Goethals 345kV Voltage	Ph2 DC 1500	218.5	327.8	331.6	7152
8637 >E	Northport 138kV Voltage	Pre-Fault	680.7	NA	135	8637
9884 >E	Northport 138kV Voltage	Ravenswood 3	582.6	131.1	133.2	9450
10987 >E	Northport 138kV Voltage	N.Scot-Leeds 345	657.0	131.1	131.5	10582
11160 >E	Northport 138kV Voltage	SBK Edic R70	670.6	131.1	131.3	11133
11312 >E	Northport 138kV Voltage	Princetown-N.Scot 345	682.3	131.1	131.1	11234
11357 >E	Northport 138kV Voltage	361-362 D1b Ckt Twr 345	685.8	131.1	131.0	11091
11378 >E	Northport 138kV Voltage	Volney-Marcy	687.1	131.1	131.0	8154
11489 >E	Northport 138kV Voltage	SBK Princetown 345	695.6	131.1	130.8	8109
12811 >E	Rainey 345kV Voltage	Marcy South N.	379.7	327.8	330.9	10633
12995 >E	Farragut 345kV Voltage	Marcy South N.	394.4	327.8	330.9	10763
13221 >E	Rainey 345kV Voltage	SBK Marcy R3108	393.7	327.8	325.0	7871
13226 >E	Northport 138kV Voltage	Marcy South S.	832.6	131.1	128.3	4005
13593 >E	Farragut 345kV Voltage	SBK Marcy R3108	415.8	327.8	325.1	8058
16776 >E	Goethals 345kV Voltage	Marcy South N.	546.1	327.8	330.6	13447
17706 >E	Goethals 345kV Voltage	SBK Marcy R3108	580.8	327.8	324.7	10138
37209 >E	Northport 138kV Voltage	Marcy South N.	2731.4	131.1	132.4	27950
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

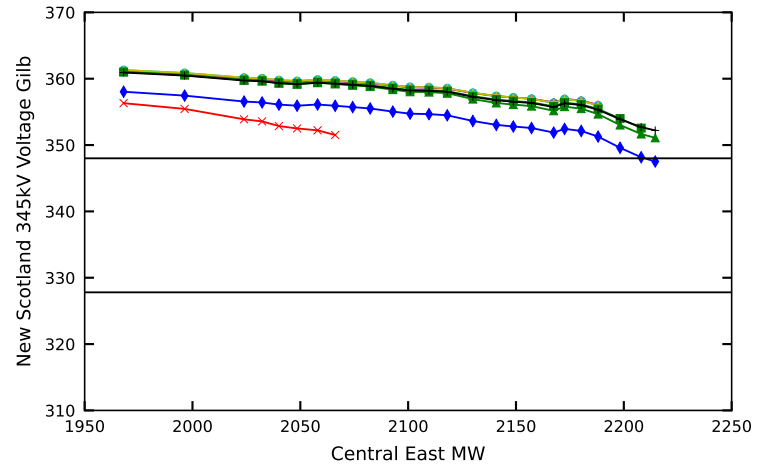
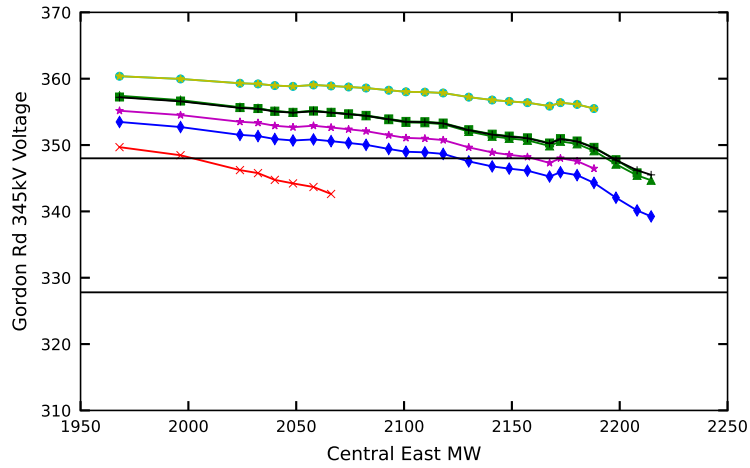
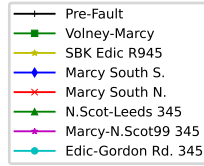
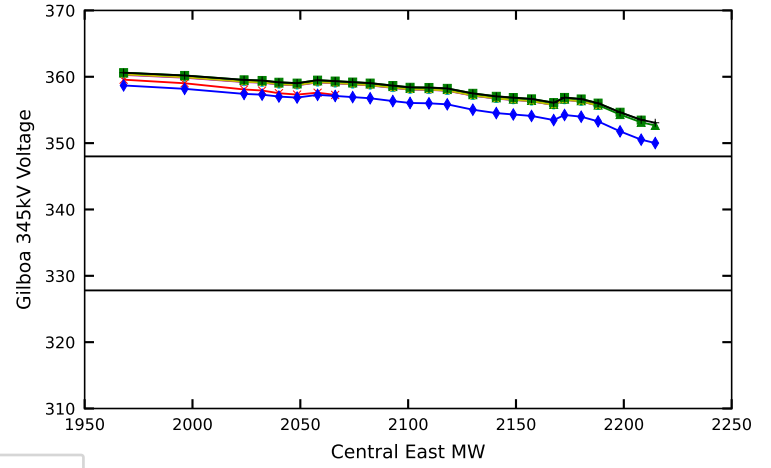
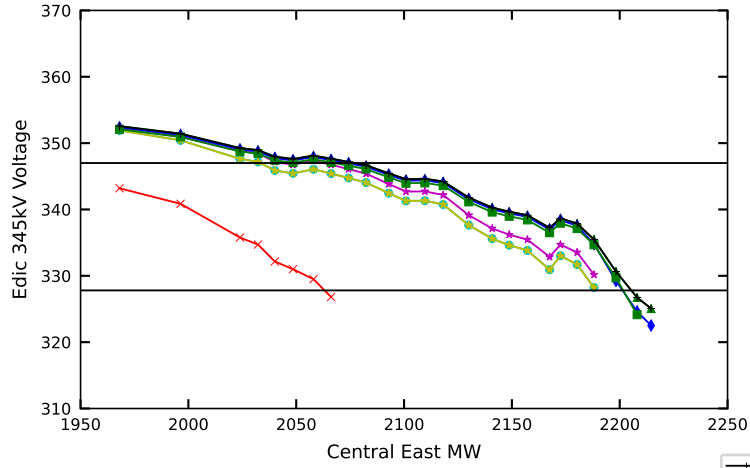
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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0R_CAPS

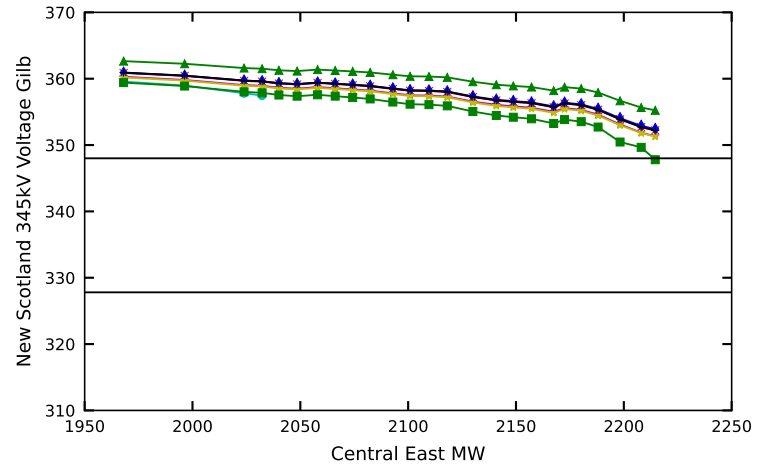
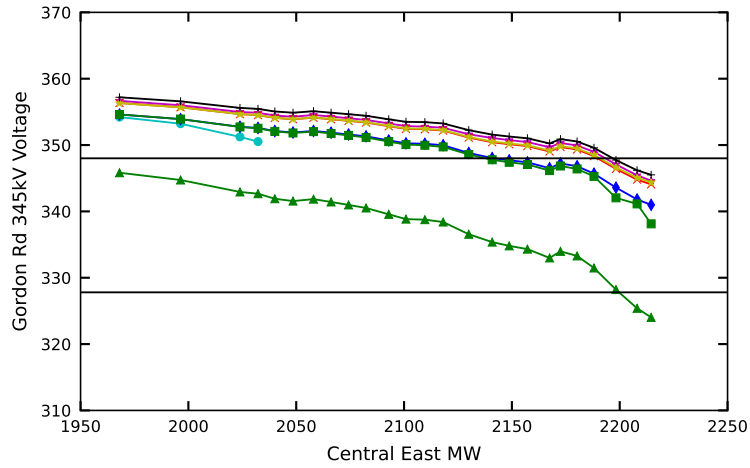
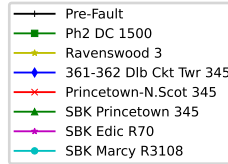
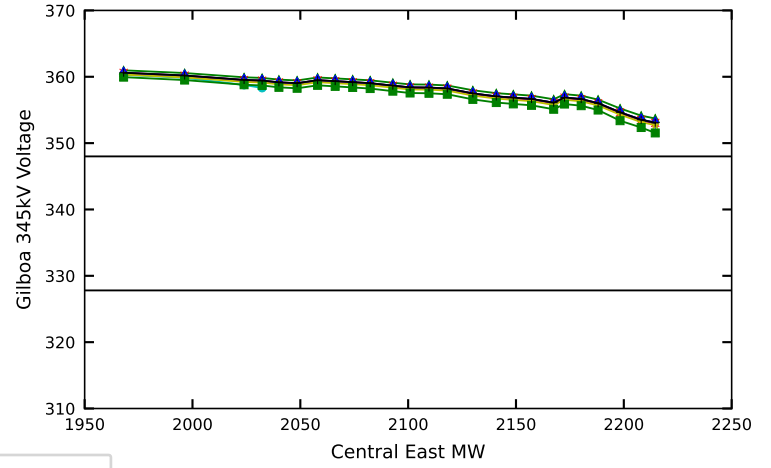
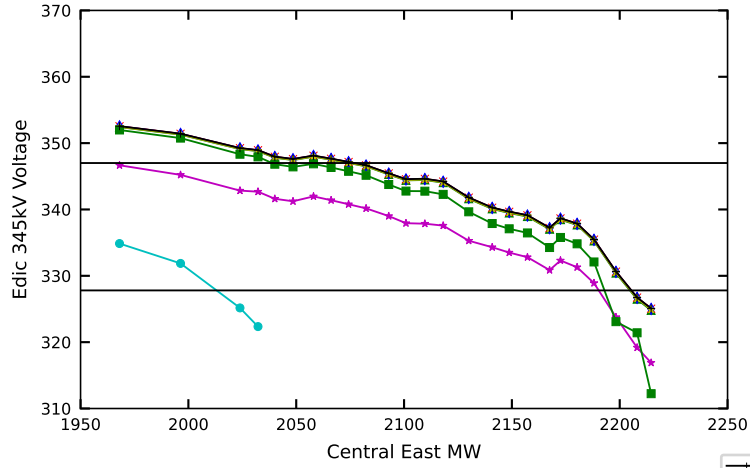
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				<-Post->	<-Pre->	
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

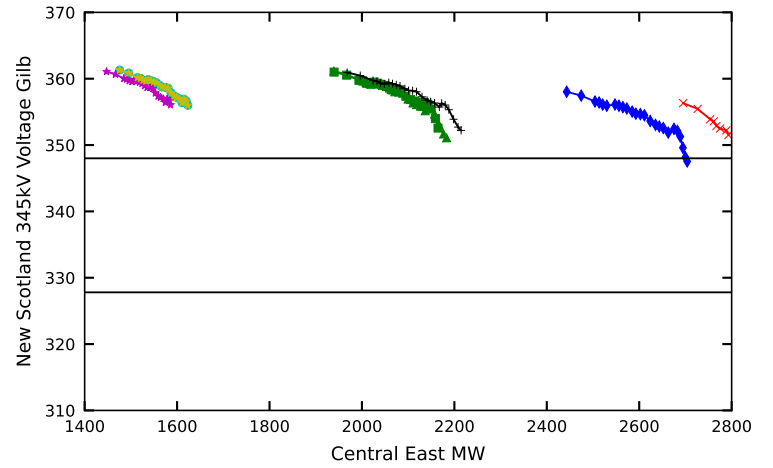
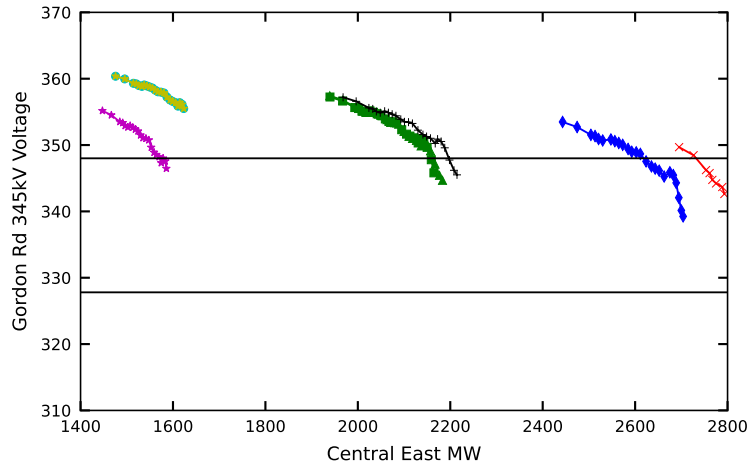
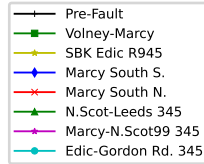
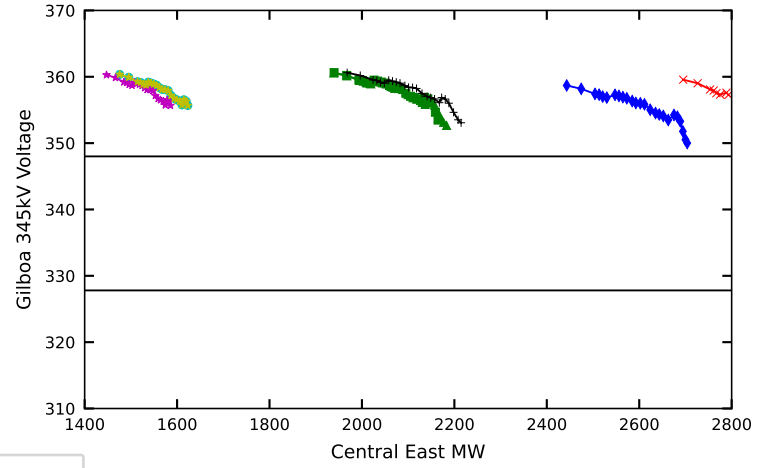
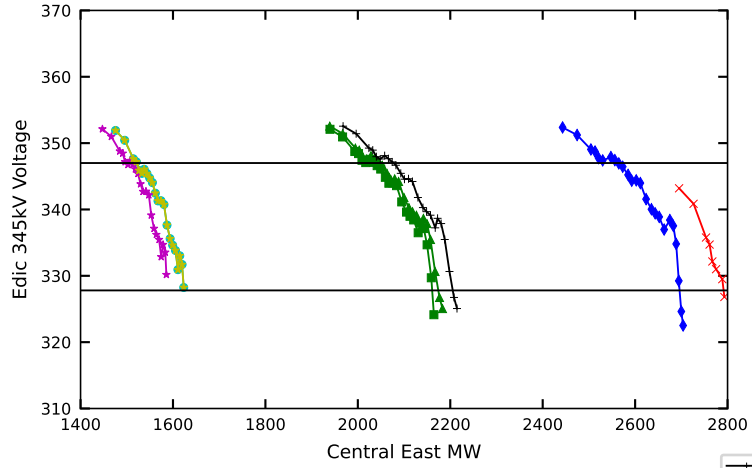
1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S Figure 1



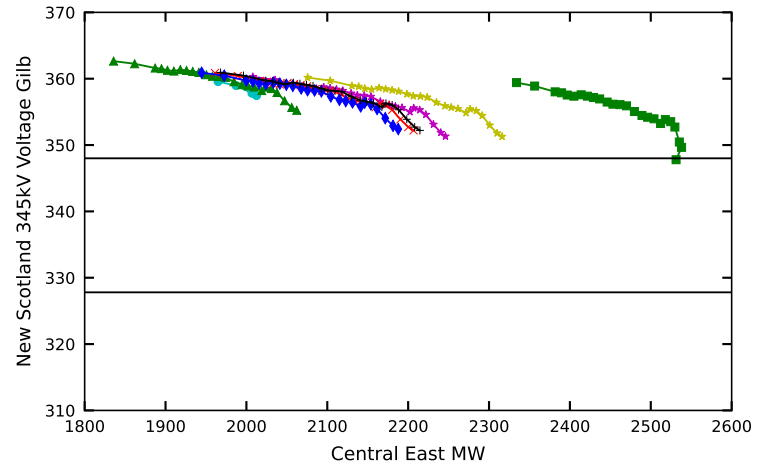
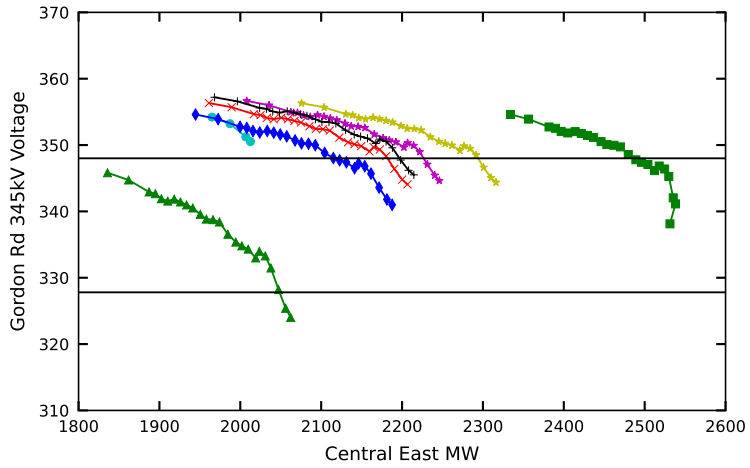
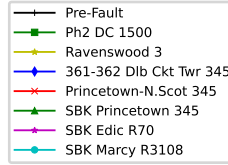
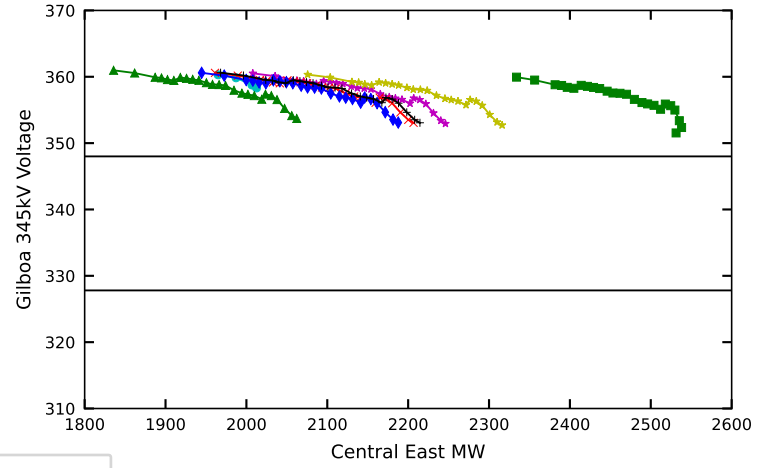
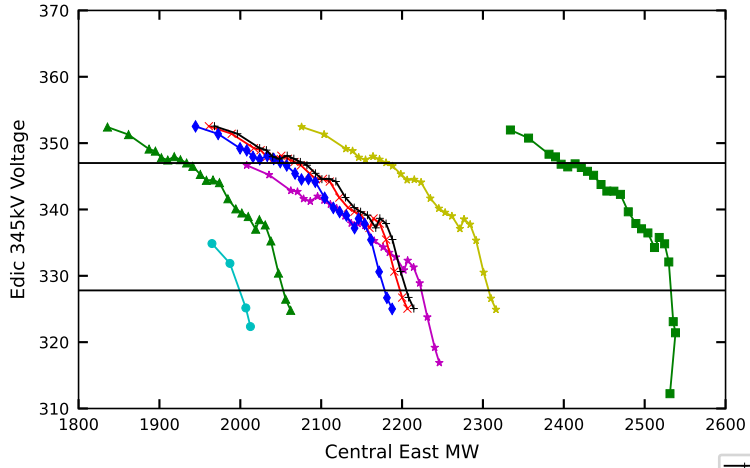
1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S Figure 2



1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S Figure 1



1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
1968	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2040	t5	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
2048	t6	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
2058	t7	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
2066	t8	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
2074	t9	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0
2082	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	0															
2092	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	1															
2100	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	2															
2109	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	3															
2118	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	4															
2130	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	5															
2140	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	6															
2148	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	7															
2157	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	8															
2167	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	9															
2172	t2	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	0															
2180	t2	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	1															
2188	t2	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	2															
2198	t2	0	2	1	0	2	0	2	0	2	0	0	0	0	0	0
	3															
2208	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	4															
2214	t2	0	2	2	0	2	0	2	1	2	0	0	0	0	0	0
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Twr 345																								
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																								
wood 3																								
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ph2 DC																								
1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
531 <E	Dunwoodie 345kV Voltage	Pre-Fault	845.3	NA	348	531
1102 <E	Sprain Brook 345kV Voltage	Pre-Fault	547.1	NA	348	1102
1907 <E	Clay 345kV Voltage	Pre-Fault	23.9	NA	345	1907
1921 <E	Clay 345kV Voltage	SBK Marcy R3108	8.0	327.8	344.4	1928
1930	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1911
1962	limit with 5% margin	Marcy South N.	NA	NA	NA	2653
1984	Pannell Road 345kV Voltage	Pre-Fault	36.4	NA	346	1984
1994	Clay 345kV Voltage	Marcy South N.	11.2	327.8	341.3	2724
2007	Station 80 345kV Voltage	Pre-Fault	15.3	NA	346	2007
2013	Edic 345kV Voltage	SBK Marcy R3108	4.1	327.8	350.1	1999
2025	Pannell Road 345kV Voltage	SBK Marcy R3108	3.9	327.8	343.7	2007
2043 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.4	327.8	343.9	2020
2046	Marcy 345kV Voltage	Pre-Fault	24.4	NA	348	2046
2063	Edic 345kV Voltage	Marcy South N.	3.0	327.8	347.8	2791
2065	Marcy 345kV Voltage	Marcy South N.	3.1	327.8	348.0	2792
2068 >E	Pannell Road 345kV Voltage	Marcy South N.	4.5	327.8	342.8	2794
2076	Edic 345kV Voltage	Pre-Fault	16.2	NA	347	2076
2078	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1542
2078	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1506
2078	limit with 5% margin	SBK Edic R945	NA	NA	NA	1542
2089 >E	Station 80 345kV Voltage	Marcy South N.	5.4	327.8	343.2	2805
2094	Clay 345kV Voltage	Volney-Marcy	6.3	327.8	334.5	2060
2097	limit with 5% margin	Volney-Marcy	NA	NA	NA	2056
2097	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2411
2103	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2074
2103	limit with 5% margin	Marcy South S.	NA	NA	NA	2568
2103	limit with 5% margin	SBK Edic R70	NA	NA	NA	2133
2103	limit with 5% margin	SBK Princetown 345	NA	NA	NA	1959
2103	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2096
2103	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2078
2103	limit with 5% margin	Ravenswood 3	NA	NA	NA	2200
2120	Clay 345kV Voltage	SBK Edic R70	4.6	327.8	332.7	2156
2121	Clay 345kV Voltage	SBK Edic R945	3.6	327.8	332.4	1582
2121	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	332.4	1582
2122 >E	Oakdale 345kV Voltage	SBK Marcy R3108	4.2	320	353.1	2073
2126	Clay 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	331.3	1551
2133	Clay 345kV Voltage	Ph2 DC 1500	6.0	327.8	330.2	2482
2148	Clay 345kV Voltage	Marcy South S.	10.7	327.8	328.4	2642
2149	Clay 345kV Voltage	SBK Princetown 345	12.5	327.8	328.3	2002
2151	Clay 345kV Voltage	Ravenswood 3	12.6	327.8	328.1	2256

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2154	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	12.6	327.8	327.9	2128
2154	Clay 345kV Voltage	N.Scot-Leeds 345	12.6	327.8	327.9	2124
2155	Clay 345kV Voltage	Princetown-N.Scot 345	12.6	327.8	327.8	2147
2159 >E	Oakdale 345kV Voltage	Marcy South N.	5.3	320	350.1	2844
2160	Millwood 345kV Voltage	Pre-Fault	60.7	NA	348	2160
2174 >E	Somerset 345kV Voltage	SBK Marcy R3108	8.6	327.8	348.2	2109
2180 >E	Gordon Rd 345kV Voltage	Marcy South N.	7.7	327.8	351.8	2856
2189 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.3	327.8	335.2	1623
2189 >E	Edic 345kV Voltage	SBK Edic R945	2.3	327.8	335.2	1623
2190 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.3	327.8	335.2	1624
2190 >E	Marcy 345kV Voltage	SBK Edic R945	2.3	327.8	335.2	1624
2190	Edic 345kV Voltage	SBK Edic R70	2.0	327.8	334.4	2223
2192	Pannell Road 345kV Voltage	Volney-Marcy	2.3	327.8	333.1	2153
2192	Edic 345kV Voltage	Ph2 DC 1500	1.1	327.8	333.2	2532
2193 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	333.1	1625
2193 >E	Pannell Road 345kV Voltage	SBK Edic R945	3.0	327.8	333.1	1625
2193 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	2.3	327.8	333.8	1587
2193	Marcy 345kV Voltage	Ph2 DC 1500	1.1	327.8	333.2	2532
2195	Pannell Road 345kV Voltage	Ph2 DC 1500	1.7	327.8	332.0	2533
2195 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.3	327.8	333.6	1587
2196	Gordon Rd 345kV Voltage	Pre-Fault	5.5	NA	348	2196
2196 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	3.1	327.8	332.3	1588
2198	Pannell Road 345kV Voltage	SBK Edic R70	2.7	327.8	330.9	2231
2199	Gordon Rd 345kV Voltage	SBK Princetown 345	3.5	327.8	347.5	2048
2201	Edic 345kV Voltage	Marcy South S.	2.1	327.8	329.4	2696
2201	Edic 345kV Voltage	Volney-Marcy	1.8	327.8	329.3	2160
2202	Marcy 345kV Voltage	Marcy South S.	2.1	327.8	329.3	2696
2203	Marcy 345kV Voltage	Volney-Marcy	1.8	327.8	328.8	2162
2204	Edic 345kV Voltage	SBK Princetown 345	2.5	327.8	328.1	2053
2204	Station 80 345kV Voltage	Volney-Marcy	3.8	327.8	333.4	2162
2205	Edic 345kV Voltage	Ravenswood 3	2.5	327.8	327.9	2307
2205	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.5	327.8	327.9	2178
2205	Edic 345kV Voltage	Princetown-N.Scot 345	2.5	327.8	327.8	2197
2205	Edic 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	327.8	2174
2206	Marcy 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	327.8	2175
2206	Marcy 345kV Voltage	Princetown-N.Scot 345	2.5	327.8	327.8	2198
2206	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	2.5	327.8	327.8	2179
2206	Marcy 345kV Voltage	Ravenswood 3	2.5	327.8	327.8	2308

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2206	Marcy 345kV Voltage	SBK Edic R70	2.5	327.8	327.8	2238
2206	Marcy 345kV Voltage	SBK Princetown 345	2.5	327.8	327.8	2054
2207	Pannell Road 345kV Voltage	Marcy South S.	4.8	327.8	329.4	2699
2208 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	3.5	327.8	333.2	1632
2208 >E	Station 80 345kV Voltage	SBK Edic R945	3.5	327.8	333.2	1632
2211	Oakdale 345kV Voltage	Pre-Fault	5.1	NA	335	2211
2211 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	332.3	1592
2212	Pannell Road 345kV Voltage	SBK Princetown 345	4.4	327.8	328.2	2060
2212	Pannell Road 345kV Voltage	Ravenswood 3	4.4	327.8	328.2	2314
2214	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	327.8	327.9	2187
2214	Pannell Road 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	327.9	2182
2214	Pannell Road 345kV Voltage	Princetown-N.Scot 345	4.4	327.8	327.8	2206
2217 >E	Station 80 345kV Voltage	SBK Edic R70	4.2	327.8	331.1	2248
2223 >E	Fraser 345kV Voltage	SBK Marcy R3108	6.5	327.8	355.3	2142
2224 >E	Station 80 345kV Voltage	Marcy South S.	4.2	327.8	329.7	2710
2227 >E	Oakdale 345kV Voltage	Volney-Marcy	2.0	320	328.3	2175
2231 >E	Station 80 345kV Voltage	Ravenswood 3	5.0	327.8	328.4	2332
2232 >E	Station 80 345kV Voltage	SBK Princetown 345	4.9	327.8	328.2	2079
2234 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	327.8	327.9	2207
2234 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	327.9	2202
2234 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	5.0	327.8	327.8	2226
2239 >E	St.Lawrence 230kV Voltage	Marcy South N.	15.3	218.5	231.4	2888
2240 >E	Somerset 345kV Voltage	Marcy South N.	10.0	327.8	348.4	2889
2248 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.4	320	320.3	2549
2254 >E	Buchanan North 345kV Voltage	Pre-Fault	51.0	NA	346	2254
2258 >E	Station 80 345kV Voltage	Ph2 DC 1500	32.8	327.8	327.1	2552
2259 >E	Watercure 230kV Voltage	SBK Marcy R3108	10.8	207	231.8	2166
2261 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.9	320	330.1	1656
2261 >E	Oakdale 345kV Voltage	SBK Edic R945	3.9	320	330.0	1656
2261 >E	Niagara 230kV East Voltage	Volney-Marcy	6.3	218.5	220.7	2195
2261 >E	Niagara 230kV West Voltage	Volney-Marcy	6.3	218.5	220.7	2195
2266 >E	St.Lawrence 230kV Voltage	Pre-Fault	21.1	NA	225	2266
2266 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.0	320	329.0	1609
2266 >E	Oakdale 345kV Voltage	SBK Edic R70	4.3	320	324.2	2292
2269 >E	New Scotland 345kV Voltage Alps	Pre-Fault	13.0	NA	348	2269
2269 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	13.0	NA	348	2269
2271 >E	Fraser 345kV Voltage	Pre-Fault	6.7	NA	338	2271
2272 >E	Oakdale 345kV Voltage	Marcy South S.	4.4	320	323.0	2738
2277 >E	Niagara 230kV East Voltage	Ph2 DC 1500	8.3	218.5	218.5	2557

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2277 >E	Niagara 230kV West Voltage	Ph2 DC 1500	8.3	218.5	218.5	2557
2278 >E	Somerset 345kV Voltage	Volney-Marcy	4.5	327.8	336.6	2205
2278 >E	St.Lawrence 230kV Voltage	Volney-Marcy	8.1	218.5	221.5	2205
2283 >E	Oakdale 345kV Voltage	SBK Princetown 345	5.0	320	321.0	2127
2284 >E	Oakdale 345kV Voltage	Ravenswood 3	5.1	320	320.7	2382
2285 >E	Fraser 345kV Voltage	Ph2 DC 1500	3.9	327.8	327.8	2560
2285 >E	Fraser 345kV Voltage	Volney-Marcy	3.9	327.8	327.8	2209
2287 >E	Somerset 345kV Voltage	Pre-Fault	9.1	NA	338	2287
2287 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	320	320.2	2259
2287 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	5.1	320	320.1	2255
2287 >E	Gilboa 345kV Voltage	Pre-Fault	14.5	NA	348	2287
2288 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	5.1	320	320.0	2280
2293 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	10.0	218.5	221.5	1671
2293 >E	St.Lawrence 230kV Voltage	SBK Edic R945	10.1	218.5	221.5	1671
2295 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	9.8	218.5	221.4	1617
2297 >E	Gordon Rd 345kV Voltage	Volney-Marcy	4.9	327.8	332.2	2216
2297 >E	Niagara 230kV East Voltage	Pre-Fault	30.0	NA	225	2297
2297 >E	Niagara 230kV West Voltage	Pre-Fault	30.0	NA	225	2297
2297 >E	Gordon Rd 345kV Voltage	Marcy South S.	7.3	327.8	336.8	2753
2300 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	11.8	327.8	350.8	2194
2303 >E	Rock Tavern 345kV Voltage	Pre-Fault	30.3	NA	348	2303
2312 >E	Watercure 230kV Voltage	Marcy South N.	12.6	207	229.3	2928
2317 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	6.5	327.8	335.2	1683
2318 >E	Somerset 345kV Voltage	SBK Edic R945	6.6	327.8	335.2	1683
2318 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	333.6	1624
2319 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	8.0	327.8	334.5	2291
2324 >E	Coopers Corners 345kV Voltage	Pre-Fault	10.7	NA	338	2324
2325 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	6.8	327.8	334.4	1626
2326 >E	Coopers Corners 345kV Voltage	Volney-Marcy	5.6	327.8	329.9	2232
2338 >E	Somerset 345kV Voltage	SBK Edic R70	7.6	327.8	332.4	2355
2339 >E	New Scotland 345kV Voltage Alps	Marcy South N.	11.5	327.8	353.9	2943
2339 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	11.5	327.8	353.9	2943
2339 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	327.8	1693
2339 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	6.0	327.8	327.8	1631
2339 >E	Fraser 345kV Voltage	SBK Edic R945	6.0	327.8	327.8	1693
2339 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	6.7	327.8	327.8	2307
2339 >E	Fraser 345kV Voltage	Marcy South S.	6.7	327.8	327.8	2779
2339 >E	Fraser 345kV Voltage	SBK Edic R70	6.7	327.8	327.8	2356
2339 >E	Fraser 345kV Voltage	SBK Princetown 345	6.7	327.8	327.8	2180

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2339 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	6.7	327.8	327.8	2331
2339 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	6.7	327.8	327.8	2311
2339 >E	Fraser 345kV Voltage	Ravenswood 3	6.7	327.8	327.8	2435
2341 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	7.4	327.8	335.1	1693
2341 >E	Coopers Corners 345kV Voltage	SBK Edic R945	7.4	327.8	335.1	1693
2343 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	7.4	327.8	334.9	1632
2343 >E	Pleasant Valley 345kV Voltage	Pre-Fault	43.0	NA	348	2343
2346 >E	Somerset 345kV Voltage	Marcy South S.	7.7	327.8	331.5	2783
2350 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	10.7	327.8	323.7	2578
2351 >E	Gordon Rd 345kV Voltage	SBK Edic R70	8.1	327.8	331.2	2366
2352 >E	Niagara 345kV Voltage	Volney-Marcy	5.6	327.8	335.8	2248
2361 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	8.7	327.8	330.0	2329
2361 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	9.1	327.8	330.0	2354
2363 >E	St.Lawrence 230kV Voltage	Marcy South S.	16.7	218.5	220.4	2793
2369 >E	Gordon Rd 345kV Voltage	Ravenswood 3	9.4	327.8	329.2	2464
2371 >E	Buchanan South 345kV Voltage	Pre-Fault	51.8	NA	346	2371
2374 >E	Somerset 345kV Voltage	Ph2 DC 1500	10.4	327.8	322.6	2585
2374 >E	Somerset 345kV Voltage	Ravenswood 3	9.2	327.8	328.4	2469
2376 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	8.3	327.8	321.9	2586
2376 >E	Somerset 345kV Voltage	SBK Princetown 345	9.0	327.8	328.2	2215
2377 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	6.8	327.8	332.3	2262
2377 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	6.8	327.8	332.3	2262
2379 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	327.9	2351
2379 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	9.1	327.8	327.8	2347
2380 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	9.1	327.8	327.8	2372
2391 >E	Ramapo 500kV Voltage	Ph2 DC 1500	38.4	500	504.2	2590
2393 >E	St.Lawrence 230kV Voltage	Ravenswood 3	20.8	218.5	219.0	2486
2397 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	17.8	327.8	343.6	2260
2398 >E	St.Lawrence 230kV Voltage	SBK Edic R70	20.8	218.5	218.7	2408
2400 >E	Coopers Corners 345kV Voltage	Ravenswood 3	10.3	327.8	330.9	2494
2403 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	21.1	218.5	218.5	2395
2403 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	21.1	218.5	218.5	2375
2404 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	21.2	218.5	218.5	2371
2405 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	21.2	218.5	218.4	2242
2408 >E	Ramapo 500kV Voltage	Ravenswood 3	43.8	500	505.1	2501
2412 >E	Coopers Corners 345kV Voltage	SBK Edic R70	10.4	327.8	329.8	2420
2416 >E	New Scotland 345kV Voltage Alps	Marcy South S.	10.2	327.8	336.7	2824
2416 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	10.2	327.8	336.7	2824

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2419 >E	Gilboa 345kV Voltage	Volney-Marcy	8.3	327.8	329.2	2287
2423 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	10.5	327.8	328.8	2260
2429 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	10.6	327.8	328.2	2397
2430 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	10.3	207	215.7	1734
2430 >E	Watercure 230kV Voltage	SBK Edic R945	10.4	207	215.6	1734
2431 >E	Niagara 230kV East Voltage	SBK Edic R70	25.2	218.5	220.5	2437
2431 >E	Niagara 230kV West Voltage	SBK Edic R70	25.2	218.5	220.5	2437
2432 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	10.7	327.8	328.0	2403
2433 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	10.7	327.8	327.9	2425
2439 >E	Niagara 230kV East Voltage	Marcy South S.	25.2	218.5	220.3	2839
2439 >E	Niagara 230kV West Voltage	Marcy South S.	25.2	218.5	220.3	2839
2441 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	10.7	207	214.9	1661
2441 >E	Gilboa 345kV Voltage	Ph2 DC 1500	9.5	327.8	326.7	2604
2443 >E	Watercure 230kV Voltage	Pre-Fault	13.0	NA	215	2443
2444 >E	Niagara 345kV Voltage	Ph2 DC 1500	9.2	327.8	323.2	2605
2460 >E	Ramapo 345kV Voltage	Pre-Fault	47.6	NA	346	2460
2472 >E	Niagara 345kV Voltage	SBK Marcy R3108	17.3	327.8	352.3	2311
2474 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	23.4	218.5	223.2	1754
2474 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	23.4	218.5	223.2	1754
2474 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	12.2	327.8	320.6	2614
2474 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	12.2	327.8	320.6	2614
2474 >E	Niagara 230kV East Voltage	SBK Edic R945	23.5	218.5	223.2	1755
2474 >E	Niagara 230kV West Voltage	SBK Edic R945	23.5	218.5	223.2	1755
2476 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	11.3	327.8	332.1	2443
2476 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	11.3	327.8	332.1	2443
2483 >E	Watercure 230kV Voltage	SBK Edic R70	10.9	207	212.0	2483
2484 >E	Niagara 230kV East Voltage	Ravenswood 3	30.2	218.5	218.8	2573
2484 >E	Niagara 230kV West Voltage	Ravenswood 3	30.2	218.5	218.8	2573
2486 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	24.2	218.5	222.8	1675
2486 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	24.2	218.5	222.8	1675
2486 >E	Niagara 230kV East Voltage	SBK Princetown 345	29.7	218.5	218.7	2320
2486 >E	Niagara 230kV West Voltage	SBK Princetown 345	29.7	218.5	218.7	2320
2488 >E	Leeds 345kV Voltage	Pre-Fault	26.9	NA	345	2488
2491 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	11.8	327.8	331.0	2490
2491 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	11.8	327.8	331.0	2490
2491 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	30.0	218.5	218.5	2462
2491 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	30.0	218.5	218.5	2462
2492 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	30.0	218.5	218.5	2459

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1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2492 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	30.0	218.5	218.5	2459
2492 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	30.1	218.5	218.5	2484
2492 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	30.1	218.5	218.5	2484
2496 >E	Gilboa 345kV Voltage	Marcy South S.	12.7	327.8	333.6	2873
2497 >E	Niagara 345kV Voltage	Pre-Fault	16.4	NA	338	2497
2497 >E	Watercure 230kV Voltage	Marcy South S.	11.2	207	210.9	2873
2503 >E	Gardenville 230kV Voltage	Volney-Marcy	12.3	207	215.4	2335
2507 >E	Ramapo 500kV Voltage	Volney-Marcy	34.0	500	501.1	2338
2513 >E	Niagara 230kV East Voltage	SBK Marcy R3108	36.0	218.5	231.7	2339
2513 >E	Niagara 230kV West Voltage	SBK Marcy R3108	36.0	218.5	231.7	2339
2515 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	11.6	327.8	325.7	1773
2515 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	11.6	327.8	325.7	1773
2516 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	12.8	327.8	329.0	2603
2516 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	12.8	327.8	329.0	2603
2516 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	11.6	327.8	325.7	1774
2516 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	11.6	327.8	325.7	1774
2528 >E	Ladentown 345kV Voltage	Pre-Fault	48.3	NA	346	2528
2533 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	12.2	327.8	324.1	1689
2533 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	12.2	327.8	324.1	1689
2534 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	12.5	327.8	307.2	1782
2535 >E	Gordon Rd 345kV Voltage	SBK Edic R945	12.5	327.8	307.2	1782
2535 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	13.2	327.8	327.5	2527
2535 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	13.2	327.8	327.5	2527
2536 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	12.5	327.8	328.3	1783
2537 >E	Gilboa 345kV Voltage	SBK Edic R945	12.5	327.8	328.3	1783
2537 >E	Watercure 230kV Voltage	SBK Princetown 345	12.8	207	207.8	2368
2539 >E	Watercure 230kV Voltage	Ravenswood 3	12.9	207	207.7	2625
2539 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	12.2	327.8	337.4	1785
2540 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	12.7	327.8	328.0	1691
2540 >E	Niagara 345kV Voltage	SBK Edic R945	12.2	327.8	337.3	1785
2542 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	13.3	327.8	327.0	2512
2542 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	13.3	327.8	327.0	2512
2543 >E	Niagara 230kV East Voltage	Marcy South N.	36.7	218.5	231.5	3056
2543 >E	Niagara 230kV West Voltage	Marcy South N.	36.7	218.5	231.5	3056
2545 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	13.0	207	207.1	2516
2546 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	13.0	207	207.1	2513
2547 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	13.0	207	207.0	2539
2554 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	12.6	327.8	336.5	1695

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2558 >E	Niagara 345kV Voltage	Marcy South N.	18.9	327.8	352.9	3064
2558 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	329.3	2525
2568 >E	Gilboa 345kV Voltage	SBK Edic R70	14.1	327.8	328.6	2558
2569 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	38.4	218.5	226.1	2377
2572 >E	Gilboa 345kV Voltage	Ravenswood 3	14.4	327.8	328.3	2658
2575 >E	Niagara 345kV Voltage	SBK Edic R70	13.8	327.8	333.2	2565
2579 >E	Rock Tavern 345kV Voltage	Volney-Marcy	15.8	327.8	329.3	2379
2581 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	14.5	327.8	327.7	2573
2583 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	14.6	327.8	327.6	2552
2585 >E	Niagara 345kV Voltage	Marcy South S.	13.8	327.8	332.6	2926
2600 >E	Roseton 345kV Voltage	Pre-Fault	45.7	NA	345	2600
2604 >E	Gilboa 345kV Voltage	SBK Marcy R3108	18.7	327.8	353.0	2400
2606 >E	Gilboa 345kV Voltage	SBK Princetown 345	15.1	327.8	326.0	2433
2607 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	50.1	500	502.6	1711
2613 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	50.4	500	502.5	1818
2614 >E	Ramapo 500kV Voltage	SBK Edic R945	50.5	500	502.5	1819
2616 >E	Marcy 345kV Voltage	SBK Marcy R3108	27.2	327.8	327.8	2409
2620 >E	Gardenville 230kV Voltage	Pre-Fault	27.4	NA	217	2620
2640 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	15.5	327.8	319.5	2465
2640 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	15.5	327.8	319.5	2465
2651 >E	Ramapo 500kV Voltage	SBK Edic R70	50.4	500	500.5	2632
2652 >E	Bowline 1 345kV Voltage	Pre-Fault	48.2	NA	345	2652
2657 >E	Niagara 345kV Voltage	SBK Princetown 345	16.2	327.8	328.3	2481
2658 >E	Niagara 345kV Voltage	Ravenswood 3	16.5	327.8	328.2	2739
2659 >E	Leeds 345kV Voltage	Ph2 DC 1500	16.3	327.8	327.8	2667
2659 >E	Leeds 345kV Voltage	Volney-Marcy	16.3	327.8	327.8	2425
2662 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	51.5	500	500.3	2628
2663 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	16.4	327.8	327.9	2632
2664 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	16.4	327.8	327.8	2630
2665 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	16.4	327.8	327.8	2657
2666 >E	Ramapo 500kV Voltage	SBK Princetown 345	52.0	500	500.3	2489
2675 >E	Bowline 2 345kV Voltage	Pre-Fault	48.1	NA	345	2675
2676 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	52.6	500	500.1	2645
2679 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	52.8	500	500.0	2671
2679 >E	Ramapo 500kV Voltage	Pre-Fault	52.8	NA	500	2679
2710 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	22.1	327.8	331.1	1863
2710 >E	Rock Tavern 345kV Voltage	SBK Edic R945	22.1	327.8	331.1	1863
2714 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	22.2	327.8	330.9	1743

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2724 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	23.4	327.8	350.5	2482
2724 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	23.4	327.8	350.5	2482
2726 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	22.1	327.8	328.6	2464
2730 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	22.3	327.8	320.4	2687
2753 >E	Buchanan North 345kV Voltage	Volney-Marcy	28.4	327.8	328.3	2480
2756 >E	Rock Tavern 345kV Voltage	Ravenswood 3	26.9	327.8	333.0	2833
2765 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	22.8	207	216.6	1888
2767 >E	Gardenville 230kV Voltage	Marcy South S.	22.9	207	211.6	3036
2767 >E	Gardenville 230kV Voltage	SBK Edic R945	22.9	207	216.5	1889
2772 >E	Gardenville 230kV Voltage	SBK Edic R70	23.1	207	211.4	2738
2774 >E	Millwood 345kV Voltage	Volney-Marcy	28.6	327.8	327.9	2492
2781 >E	Dunwoodie 345kV Voltage	Volney-Marcy	33.7	327.8	327.8	2496
2781 >E	Sprain Brook 345kV Voltage	Volney-Marcy	33.5	327.8	327.8	2496
2790 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	23.6	207	215.9	1766
2796 >E	Gilboa 345kV Voltage	Marcy South N.	24.8	327.8	346.6	3195
2809 >E	Sprain Brook 345kV Voltage	Ravenswood 3	54.6	327.8	335.5	2883
2809 >E	Dunwoodie 345kV Voltage	Ravenswood 3	55.2	327.8	335.5	2884
2810 >E	Leeds 345kV Voltage	Marcy South S.	22.8	327.8	333.0	3062
2811 >E	Buchanan North 345kV Voltage	Ravenswood 3	42.9	327.8	335.1	2885
2811 >E	Buchanan South 345kV Voltage	Volney-Marcy	28.1	327.8	328.0	2514
2820 >E	Gardenville 230kV Voltage	Marcy South N.	30.7	207	229.8	3208
2831 >E	Ramapo 345kV Voltage	Volney-Marcy	26.4	327.8	328.6	2525
2833 >E	Roseton 345kV Voltage	Volney-Marcy	24.1	327.8	328.8	2526
2839 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	22.5	327.8	327.8	1922
2839 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	22.5	327.8	327.8	1781
2839 >E	Leeds 345kV Voltage	SBK Edic R945	22.5	327.8	327.8	1922
2850 >E	Gardenville 230kV Voltage	Ph2 DC 1500	26.4	207	195.8	2721
2850 >E	Gardenville 230kV Voltage	SBK Marcy R3108	32.3	207	231.6	2568
2869 >E	Millwood 345kV Voltage	Ravenswood 3	46.7	327.8	335.2	2941
2878 >E	Gardenville 230kV Voltage	SBK Princetown 345	26.9	207	207.6	2690
2879 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	35.6	327.8	324.0	2729
2881 >E	Rock Tavern 345kV Voltage	SBK Edic R70	29.4	327.8	328.9	2834
2886 >E	Ladentown 345kV Voltage	Volney-Marcy	27.2	327.8	328.1	2557
2888 >E	Gardenville 230kV Voltage	Ravenswood 3	27.4	207	207.2	2959
2890 >E	Ramapo 500kV Voltage	Marcy South S.	78.3	500	496.0	3110
2891 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	27.3	207	207.1	2858
2891 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	27.3	207	207.1	2856
2893 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	27.4	207	207.0	2885
2897 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	28.5	327.8	321.1	2735
2898 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	29.7	327.8	328.3	2863

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1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2907 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	30.1	327.8	328.0	2718
2913 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	30.2	327.8	327.9	2879
2914 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	30.3	327.8	327.8	2906
2916 >E	Leeds 345kV Voltage	Marcy South N.	28.7	327.8	350.5	3261
2923 >E	Buchanan South 345kV Voltage	Ravenswood 3	44.2	327.8	335.3	2992
2927 >E	Bowline 1 345kV Voltage	Volney-Marcy	27.1	327.8	328.1	2581
2933 >E	Ramapo 500kV Voltage	Marcy South N.	93.5	500	505.6	3271
2950 >E	Millwood 345kV Voltage	Ph2 DC 1500	36.4	327.8	321.8	2750
2950 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	26.9	327.8	327.8	2917
2951 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	26.9	327.8	327.8	2915
2951 >E	Leeds 345kV Voltage	SBK Princetown 345	26.9	327.8	327.8	2759
2951 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	26.9	327.8	327.8	2943
2951 >E	Leeds 345kV Voltage	Ravenswood 3	26.9	327.8	327.8	3018
2951 >E	Leeds 345kV Voltage	SBK Edic R70	26.9	327.8	327.8	2896
2951 >E	Fraser 345kV Voltage	Marcy South N.	27.8	327.8	327.8	3280
2962 >E	Bowline 2 345kV Voltage	Volney-Marcy	27.9	327.8	327.4	2601
2967 >E	Ramapo 500kV Voltage	SBK Marcy R3108	98.7	500	506.0	2648
2968 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	42.6	327.8	322.3	2755
2971 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	42.9	327.8	322.2	2756
2974 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	35.3	327.8	322.3	2757
2985 >E	Ramapo 345kV Voltage	Ravenswood 3	39.9	327.8	335.0	3051
2986 >E	Ramapo 345kV Voltage	Ph2 DC 1500	33.7	327.8	322.9	2760
3030 >E	Roseton 345kV Voltage	Ph2 DC 1500	31.3	327.8	320.9	2773
3034 >E	Ladentown 345kV Voltage	Ravenswood 3	40.6	327.8	335.5	3098
3037 >E	Ladentown 345kV Voltage	Ph2 DC 1500	33.8	327.8	322.6	2775
3041 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	40.5	327.8	331.8	3104
3089 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	33.7	327.8	322.2	2790
3095 >E	Bowline 1 345kV Voltage	Ravenswood 3	40.4	327.8	335.8	3156
3098 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	46.5	327.8	329.2	2042
3099 >E	Buchanan North 345kV Voltage	SBK Edic R945	46.5	327.8	329.2	2042
3105 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	33.7	327.8	322.2	2794
3108 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	36.8	327.8	325.9	2046
3108 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	36.8	327.8	325.9	2046
3110 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	47.0	327.8	329.0	1862
3114 >E	Bowline 2 345kV Voltage	Ravenswood 3	40.4	327.8	335.9	3174
3136 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	37.7	327.8	325.2	1870
3146 >E	Buchanan North 345kV Voltage	SBK Edic R70	49.7	327.8	328.5	3068
3148 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	49.4	327.8	328.5	3110
3150 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	40.6	327.8	329.2	3113

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1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3160 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	36.4	327.8	328.4	2070
3160 >E	Roseton 345kV Voltage	SBK Edic R945	36.4	327.8	328.4	2070
3171 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	41.3	327.8	330.2	2075
3172 >E	Ramapo 345kV Voltage	SBK Edic R945	41.3	327.8	330.2	2076
3175 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	36.9	327.8	328.0	1881
3176 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	41.7	327.8	328.6	3095
3180 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	41.6	327.8	330.0	1883
3182 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	51.0	327.8	327.8	3174
3182 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	51.0	327.8	327.8	3146
3186 >E	Roseton 345kV Voltage	Ravenswood 3	42.0	327.8	332.2	3243
3196 >E	Buchanan North 345kV Voltage	SBK Princetown 345	51.4	327.8	327.5	2991
3213 >E	Pleasant Valley 345kV Voltage	Marcy South S.	46.7	327.8	327.8	3303
3215 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	43.1	327.8	327.7	3207
3220 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	43.3	327.8	327.6	3184
3223 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	51.9	327.8	328.7	3185
3240 >E	Millwood 345kV Voltage	SBK Edic R70	53.1	327.8	328.4	3151
3243 >E	Millwood 345kV Voltage	SBK Edic R945	51.1	327.8	327.4	2109
3244 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	51.1	327.8	327.4	2109
3258 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	62.0	327.8	328.5	3220
3262 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	62.6	327.8	328.5	3224
3269 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	49.8	327.8	328.7	3231
3271 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	52.2	327.8	326.9	1910
3271 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	48.9	327.8	328.2	2121
3272 >E	Buchanan South 345kV Voltage	SBK Edic R945	48.9	327.8	328.2	2122
3273 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	54.3	327.8	327.8	3265
3276 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	54.3	327.8	327.7	3239
3278 >E	Sprain Brook 345kV Voltage	SBK Edic R70	63.6	327.8	328.2	3184
3279 >E	Buchanan South 345kV Voltage	SBK Edic R70	50.6	327.8	328.5	3185
3283 >E	Dunwoodie 345kV Voltage	SBK Edic R70	64.3	327.8	328.2	3189
3284 >E	Ramapo 345kV Voltage	SBK Edic R70	46.3	327.8	328.7	3190
3289 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	45.3	327.8	326.0	3079
3292 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	46.3	327.8	328.5	3254
3292 >E	Sprain Brook 345kV Voltage	SBK Edic R945	61.7	327.8	327.2	2131
3293 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	61.7	327.8	327.2	2131
3293 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	49.7	327.8	327.8	1917
3295 >E	Dunwoodie 345kV Voltage	SBK Edic R945	62.1	327.8	327.2	2132
3295 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	62.1	327.8	327.2	2132
3308 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	64.8	327.8	327.8	3300

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1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3312 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	64.9	327.8	327.7	3275
3312 >E	Dunwoodie 345kV Voltage	Princeton-N.Scot 345	65.4	327.8	327.8	3304
3315 >E	Buchanan South 345kV Voltage	Princeton-N.Scot 345	51.9	327.8	327.8	3307
3316 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	65.6	327.8	327.7	3279
3317 >E	Millwood 345kV Voltage	SBK Princeton 345	55.7	327.8	326.9	3106
3317 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	51.9	327.8	327.7	3280
3324 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	63.1	327.8	326.7	1926
3325 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	47.5	327.8	327.8	3288
3326 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	47.6	327.8	327.8	3318
3327 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	63.6	327.8	326.6	1927
3330 >E	Ramapo 345kV Voltage	SBK Princeton 345	47.7	327.8	327.7	3118
3333 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	45.3	327.8	329.8	2150
3333 >E	Ladentown 345kV Voltage	SBK Edic R945	45.3	327.8	329.8	2150
3346 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	45.7	327.8	329.6	1933
3348 >E	Buchanan South 345kV Voltage	SBK Princeton 345	52.8	327.8	327.1	3135
3348 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	44.3	327.8	328.6	3310
3351 >E	Roseton 345kV Voltage	SBK Edic R70	44.7	327.8	328.6	3249
3355 >E	Sprain Brook 345kV Voltage	SBK Princeton 345	66.6	327.8	327.0	3142
3361 >E	Dunwoodie 345kV Voltage	SBK Princeton 345	67.3	327.8	327.0	3147
3364 >E	Ladentown 345kV Voltage	SBK Edic R70	47.0	327.8	328.7	3260
3367 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	46.8	327.8	328.6	3329
3388 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	45.8	327.8	327.8	3380
3389 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	45.8	327.8	327.7	3351
3400 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	45.1	327.8	330.0	2181
3401 >E	Bowline 1 345kV Voltage	SBK Edic R945	45.2	327.8	330.0	2181
3407 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	48.3	327.8	327.8	3369
3407 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	48.3	327.8	327.8	3399
3414 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	45.6	327.8	329.7	1953
3415 >E	Roseton 345kV Voltage	SBK Princeton 345	46.5	327.8	327.2	3198
3419 >E	Ladentown 345kV Voltage	SBK Princeton 345	48.6	327.8	327.5	3202
3430 >E	Pleasant Valley 345kV Voltage	Marcy South N.	56.7	327.8	345.8	3544
3436 >E	Bowline 1 345kV Voltage	SBK Edic R70	46.9	327.8	328.7	3324
3438 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	46.7	327.8	328.7	3399
3457 >E	Bowline 2 345kV Voltage	SBK Edic R70	46.9	327.8	328.7	3343
3460 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	46.7	327.8	328.7	3421

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3463 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	59.3	327.8	343.9	2984
3480 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	48.2	327.8	327.8	3472
3480 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	48.2	327.8	327.8	3442
3493 >E	Bowline 1 345kV Voltage	SBK Princetown 345	48.5	327.8	327.5	3273
3502 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	48.1	327.8	327.8	3463
3503 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	48.2	327.8	327.8	3495
3515 >E	Bowline 2 345kV Voltage	SBK Princetown 345	48.4	327.8	327.5	3293
3542 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	49.6	327.8	330.0	2246
3543 >E	Bowline 2 345kV Voltage	SBK Edic R945	49.6	327.8	330.0	2246
3557 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	50.0	327.8	329.7	1996
3904 >E	Coopers Corners 345kV Voltage	Marcy South N.	60.7	327.8	308.4	3805
4049 >E	Millwood 345kV Voltage	Marcy South S.	92.1	327.8	313.4	3806
4138 >E	Roseton 345kV Voltage	Marcy South S.	73.1	327.8	311.4	3859
4153 >E	Dunwoodie 345kV Voltage	Marcy South S.	112.4	327.8	314.9	3868
4160 >E	Sprain Brook 345kV Voltage	Marcy South S.	111.8	327.8	314.6	3873
4367 >E	Roseton 345kV Voltage	Marcy South N.	83.9	327.8	342.7	4061
4428 >E	Millwood 345kV Voltage	Marcy South N.	112.2	327.8	339.7	4094
4448 >E	Buchanan South 345kV Voltage	Marcy South S.	100.4	327.8	305.9	4045
4537 >E	Buchanan North 345kV Voltage	Marcy South S.	110.3	327.8	301.2	4099
4552 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	125.7	327.8	339.9	3723
4582 >E	Dunwoodie 345kV Voltage	Marcy South N.	137.7	327.8	337.6	4179
4587 >E	Sprain Brook 345kV Voltage	Marcy South N.	137.0	327.8	337.7	4182
4687 >E	Ramapo 345kV Voltage	SBK Marcy R3108	109.3	327.8	343.3	3816
4742 >E	Buchanan North 345kV Voltage	Marcy South N.	127.0	327.8	336.4	4267
4799 >E	Buchanan South 345kV Voltage	Marcy South N.	119.1	327.8	339.7	4298
4919 >E	Rock Tavern 345kV Voltage	Marcy South N.	104.7	327.8	328.6	4364
5092 >E	Rainey 345kV Voltage	Volney-Marcy	108.2	327.8	327.8	3835
5137 >E	Farragut 345kV Voltage	Volney-Marcy	112.1	327.8	327.8	3860
5189 >E	Ladentown 345kV Voltage	SBK Marcy R3108	122.9	327.8	344.3	4156
5256 >E	Roseton 345kV Voltage	SBK Marcy R3108	119.2	327.8	343.1	4202
5290 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	145.1	327.8	341.3	4225
5308 >E	Rainey 345kV Voltage	Ravenswood 3	149.4	327.8	340.7	5267
5355 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	132.1	327.8	341.4	4269
5376 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	122.6	327.8	346.3	4283
5402 >E	Millwood 345kV Voltage	SBK Marcy R3108	161.9	327.8	339.8	4301
5509 >E	Ramapo 345kV Voltage	Marcy South S.	126.3	327.8	281.9	4683
5510 >E	Farragut 345kV Voltage	Ravenswood 3	158.4	327.8	340.0	5460
5533 >E	Ramapo 345kV Voltage	Marcy South N.	135.1	327.8	336.5	4703
5596 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	196.8	327.8	337.8	4433

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1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5629 >E	Ladentown 345kV Voltage	Marcy South S.	127.4	327.8	281.8	4755
5636 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	200.3	327.8	337.7	4460
5661 >E	Rock Tavern 345kV Voltage	Marcy South S.	119.3	327.8	237.1	4775
5757 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	134.5	327.8	345.6	4542
5818 >E	Rainey 345kV Voltage	Ph2 DC 1500	134.4	327.8	321.1	3570
5838 >E	Ladentown 345kV Voltage	Marcy South N.	141.3	327.8	338.6	4871
5860 >E	Farragut 345kV Voltage	Ph2 DC 1500	138.8	327.8	321.4	3582
5924 >E	Rainey 345kV Voltage	Pre-Fault	226.5	NA	338	5924
5977 >E	Farragut 345kV Voltage	Pre-Fault	237.3	NA	338	5977
6168 >E	Goethals 345kV Voltage	Volney-Marcy	153.7	327.8	327.7	4458
6201 >E	Bowline 1 345kV Voltage	Marcy South S.	140.8	327.8	271.3	5099
6239 >E	Bowline 2 345kV Voltage	Marcy South S.	140.1	327.8	270.9	5122
6461 >E	Bowline 1 345kV Voltage	Marcy South N.	155.8	327.8	339.3	5214
6504 >E	Bowline 2 345kV Voltage	Marcy South N.	155.0	327.8	339.5	5238
6812 >E	Leeds 345kV Voltage	SBK Marcy R3108	154.4	327.8	327.8	5259
7009 >E	Goethals 345kV Voltage	Ravenswood 3	218.4	327.8	339.0	6890
7010 >E	Goethals 345kV Voltage	Ph2 DC 1500	185.3	327.8	322.2	3911
7343 >E	Goethals 345kV Voltage	Pre-Fault	330.6	NA	338	7343
7451 >E	Coopers Corners 345kV Voltage	Marcy South S.	134.9	327.8	-140.2	5850
7558 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	199.5	327.8	327.2	4093
7566 >E	Rainey 345kV Voltage	SBK Edic R945	199.8	327.8	327.1	4098
7685 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	208.4	327.8	327.2	4152
7685 >E	Farragut 345kV Voltage	SBK Edic R945	208.4	327.8	327.2	4152
7697 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	204.5	327.8	326.5	3237
7815 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	213.1	327.8	326.5	3273
7946 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	215.7	327.8	329.1	7880
8094 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	225.8	327.8	329.1	8027
8118 >E	Rainey 345kV Voltage	SBK Edic R70	222.5	327.8	328.3	7456
8235 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	226.5	327.8	327.8	8226
8250 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	227.0	327.8	327.7	8166
8279 >E	Farragut 345kV Voltage	SBK Edic R70	233.2	327.8	328.3	7598
8405 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	237.6	327.8	327.8	8396
8421 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	238.1	327.8	327.7	8336
8439 >E	Rainey 345kV Voltage	SBK Princetown 345	233.4	327.8	326.9	7954
8602 >E	Farragut 345kV Voltage	SBK Princetown 345	244.4	327.8	326.9	8108
9729 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	290.5	327.8	327.1	5092
9729 >E	Goethals 345kV Voltage	SBK Edic R945	290.5	327.8	327.1	5093
9919 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	297.6	327.8	326.5	3904
10288	Goethals 345kV Voltage	N.Scot-Leeds 345	314.1	327.8	329.1	10208

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1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
10575	Goethals 345kV Voltage	SBK Edic R70	325.6	327.8	328.2	9625
>E						
10729	Goethals 345kV Voltage	Princetown-N.Scot 345	331.1	327.8	327.8	10721
>E						
10745	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	331.7	327.8	327.7	10638
>E						
10996	Goethals 345kV Voltage	SBK Princetown 345	340.7	327.8	327.0	10373
>E						
12514	Northport 138kV Voltage	Volney-Marcy	810.0	131.1	131.1	8132
>E						
13399	Rainey 345kV Voltage	Marcy South S.	418.0	327.8	305.0	9424
>E						
13788	Farragut 345kV Voltage	Marcy South S.	441.3	327.8	305.1	9658
>E						
13952	Rainey 345kV Voltage	Marcy South N.	439.4	327.8	342.2	9341
>E						
14130	Farragut 345kV Voltage	Marcy South N.	455.1	327.8	341.9	9439
>E						
14284	Northport 138kV Voltage	Ph2 DC 1500	947.6	131.1	128.9	5990
>E						
17646	Northport 138kV Voltage	Pre-Fault	1750.7	NA	135	17646
>E						
18453	Goethals 345kV Voltage	Marcy South S.	628.2	327.8	304.4	12461
>E						
18877	Goethals 345kV Voltage	Marcy South N.	645.3	327.8	341.9	12055
>E						
19406	Rainey 345kV Voltage	SBK Marcy R3108	644.7	327.8	342.3	13813
>E						
19638	Farragut 345kV Voltage	SBK Marcy R3108	666.7	327.8	342.0	13970
>E						
21241	Northport 138kV Voltage	SBK Edic R945	1493.0	131.1	130.1	10390
>E						
21352	Northport 138kV Voltage	Edic-Gordon Rd. 345	1501.7	131.1	130.0	10438
>E						
21548	Northport 138kV Voltage	Ravenswood 3	1553.4	131.1	132.8	20761
>E						
21758	Northport 138kV Voltage	Marcy-N.Scot99 345	1533.1	131.1	129.7	7455
>E						
23594	Northport 138kV Voltage	N.Scot-Leeds 345	1681.8	131.1	131.6	23433
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

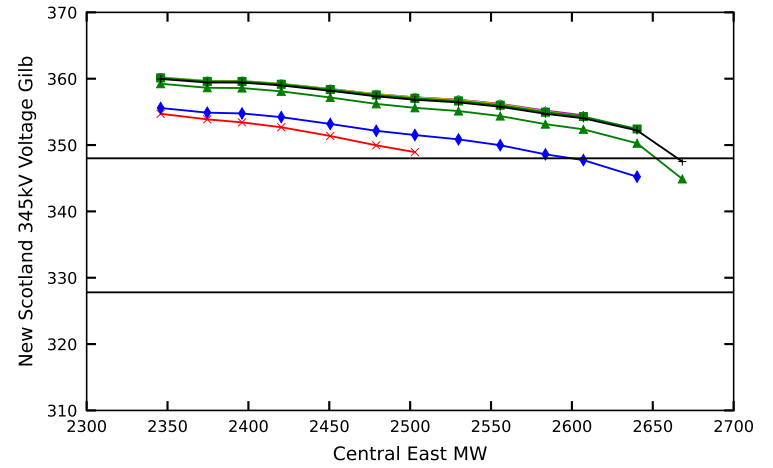
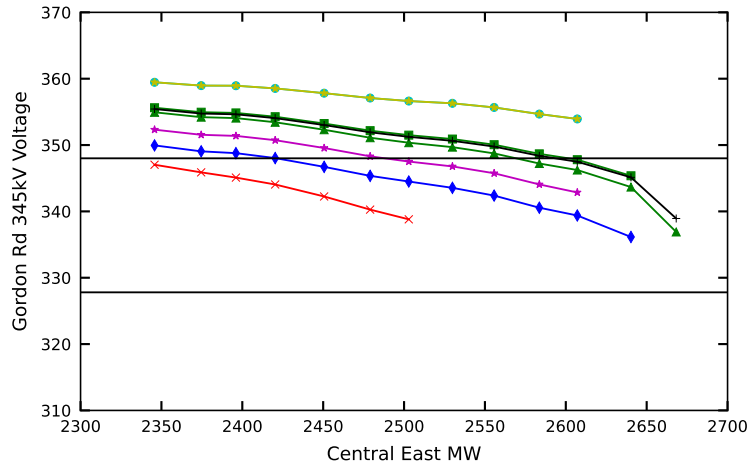
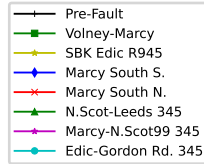
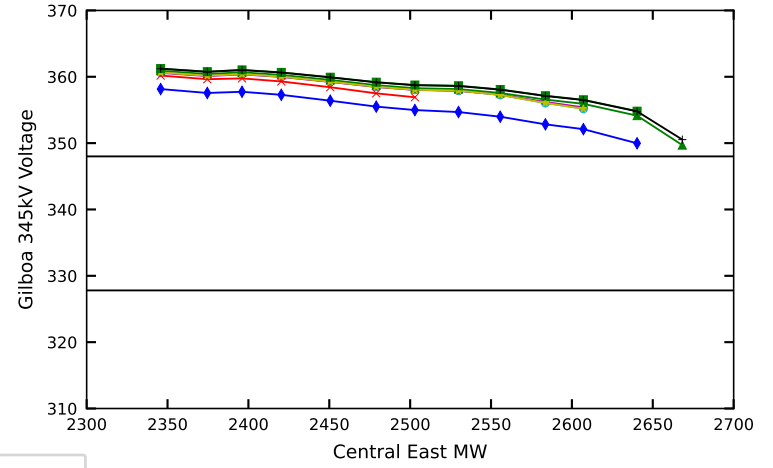
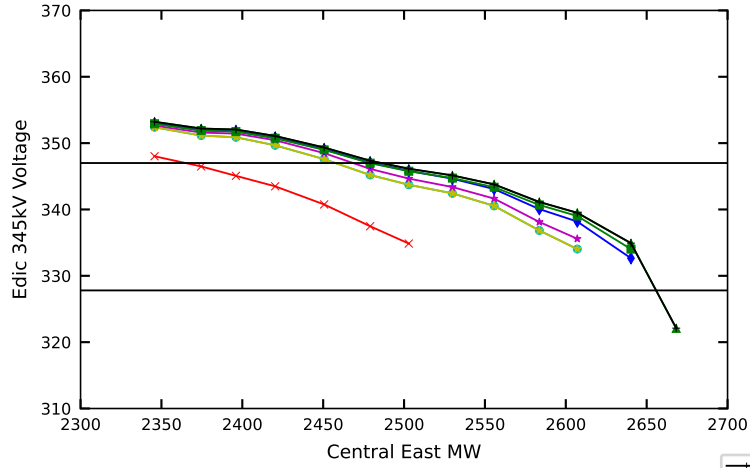
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1: 2023S CEVC PH2 CE1960 MS2250 DE1300 00 0S

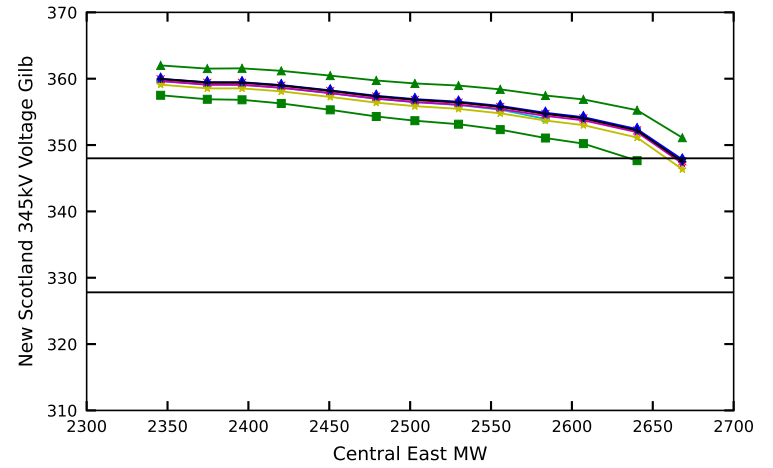
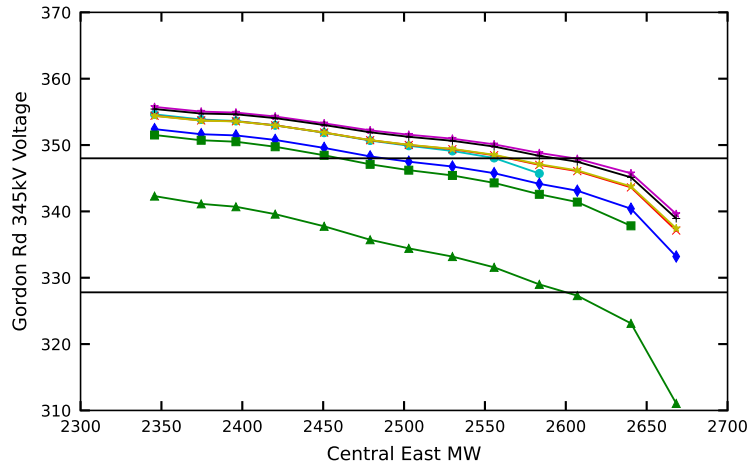
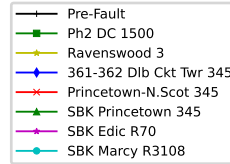
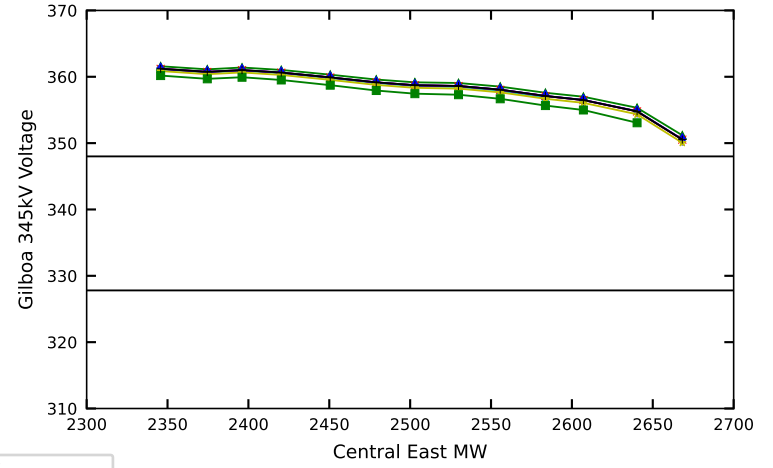
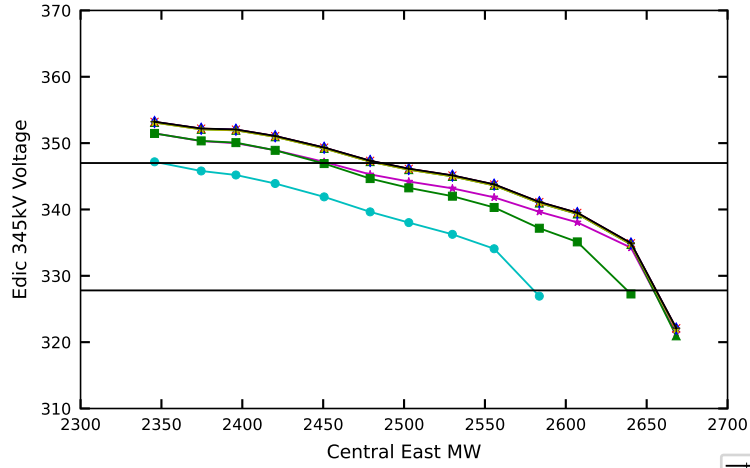
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
24284 >E	Northport 138kV Voltage	SBK Edic R70	1736.5	131.1	131.2	21722
24474 >E	Northport 138kV Voltage	Princetown-N.Scot 345	1750.7	131.1	131.1	24464
24567 >E	Northport 138kV Voltage	361-362 D1b Ckt Twr 345	1757.9	131.1	131.0	24331
25246 >E	Northport 138kV Voltage	SBK Princetown 345	1810.1	131.1	130.7	23861
27268 >E	Goethals 345kV Voltage	SBK Marcy R3108	971.7	327.8	341.7	19152
44344 >E	Northport 138kV Voltage	Marcy South S.	3311.5	131.1	119.8	28018
62771 >E	Northport 138kV Voltage	Marcy South N.	4770.3	131.1	138.6	36237
98829 >E	Northport 138kV Voltage	SBK Marcy R3108	7611.5	131.1	139.8	67756
99998 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

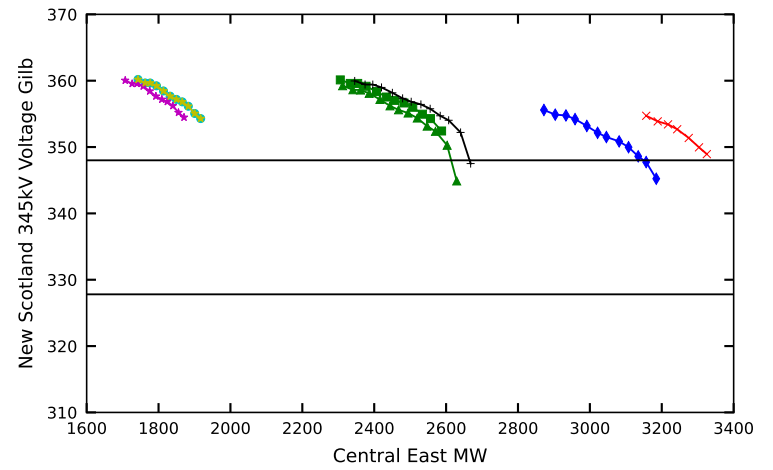
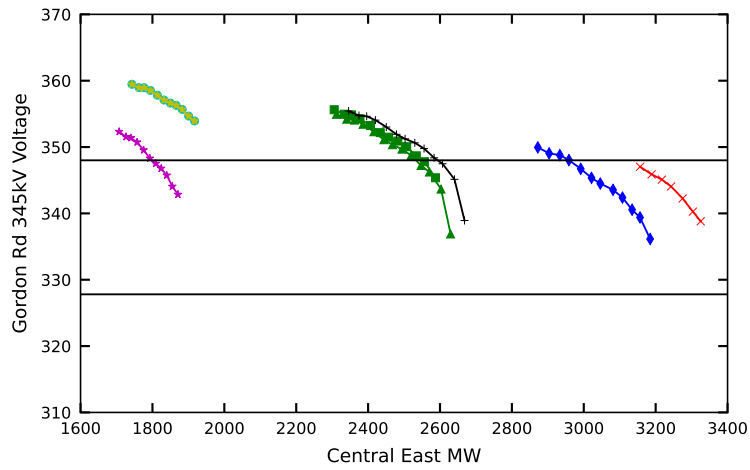
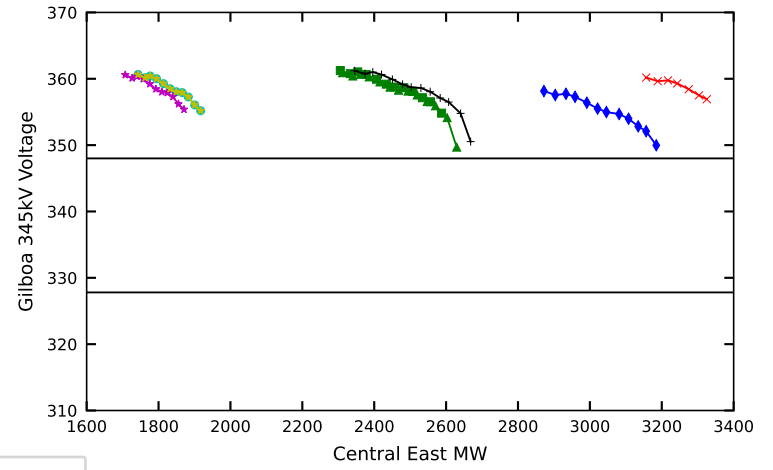
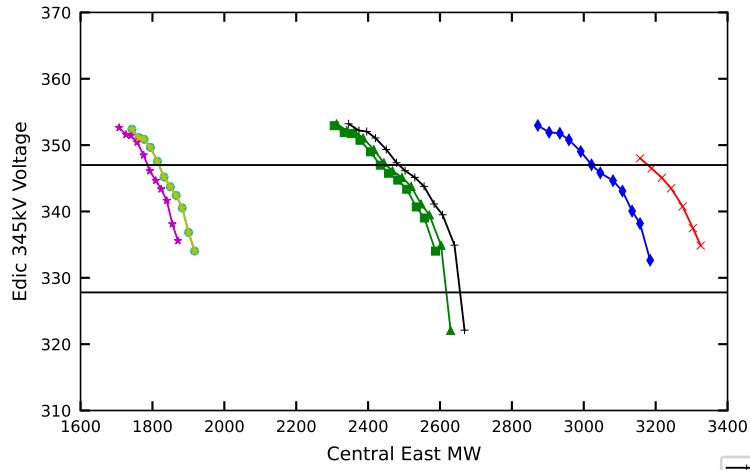
1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS Figure 1



1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS Figure 2

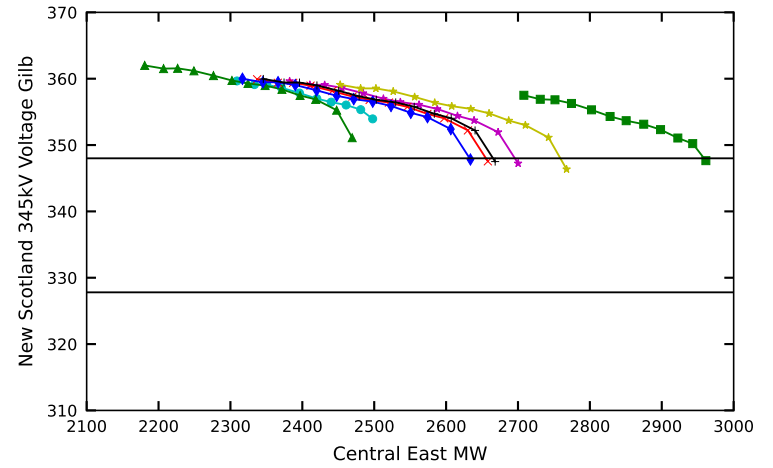
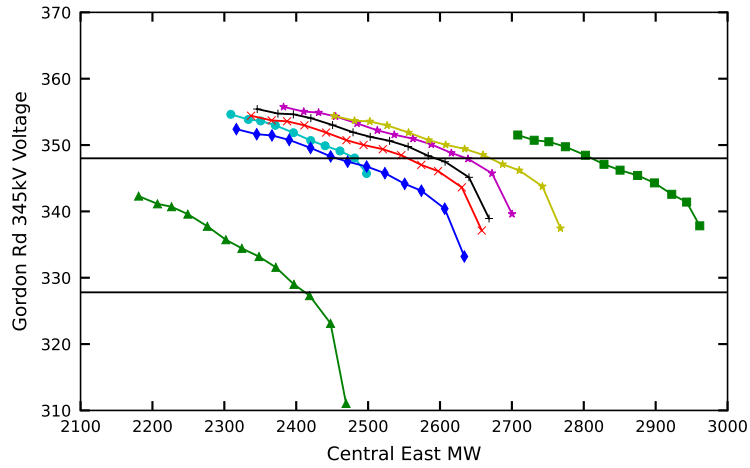
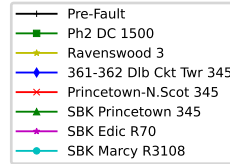
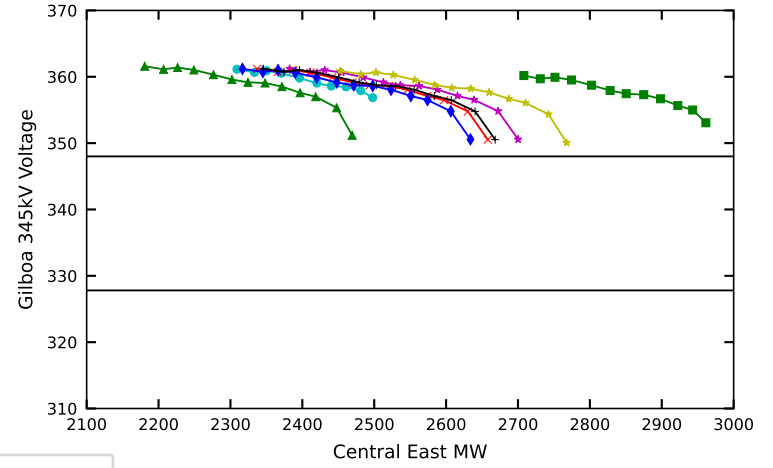
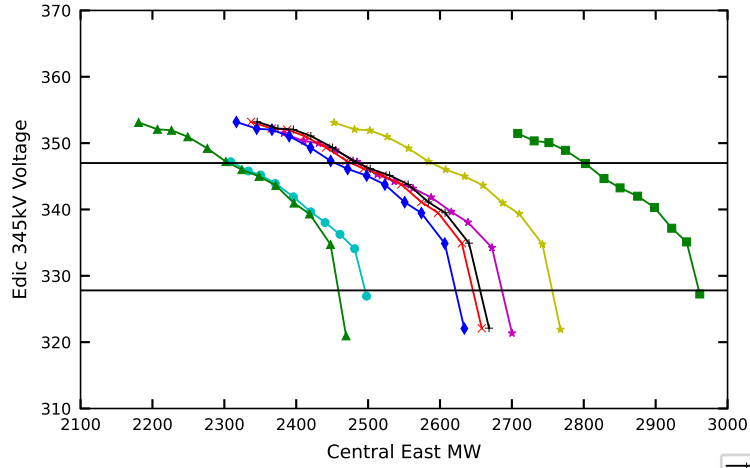


1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS Figure 1



- +— Pre-Fault
- Volney-Marcy
- ▲— SBK Edic R945
- ◆— Marcy South S.
- ×— Marcy South N.
- ▲— N.Scot-Leeds 345
- ×— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\0VW_CAPS\Sum2023_CEVC_Ph2_00_0VW_CAPS.xlsx

1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2345	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2374	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2396	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2420	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2450	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2479	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2502	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2529	t8	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2555	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2583	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2607	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	1															
2640	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	2															
2668	t1	0	2	2	0	2	2	2	2	2	0	0	0	0	0	2
	3															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\0VW_CAPS\Sum2023_CEVC_Ph2_00_0VW_CAPS.xlsx

1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	1	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	2
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	2
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2122 <E	Dunwoodie 345kV Voltage	Pre-Fault	90.0	NA	348	2122
2132 <E	Sprain Brook 345kV Voltage	Pre-Fault	90.0	NA	348	2132
2377	limit with 5% margin	Marcy South N.	NA	NA	NA	3159
2454	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2372
2454	Millwood 345kV Voltage	Pre-Fault	123.0	NA	348	2454
2471	Marcy 345kV Voltage	Pre-Fault	14.2	NA	348	2471
2476	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1821
2476	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1777
2476	limit with 5% margin	SBK Edic R945	NA	NA	NA	1821
2477	Pannell Road 345kV Voltage	Pre-Fault	25.2	NA	346	2477
2481	Clay 345kV Voltage	Pre-Fault	22.3	NA	345	2481
2483	Station 80 345kV Voltage	Pre-Fault	37.6	NA	346	2483
2485	Edic 345kV Voltage	Pre-Fault	19.8	NA	347	2485
2508	limit with 5% margin	Marcy South S.	NA	NA	NA	3025
2508	limit with 5% margin	Volney-Marcy	NA	NA	NA	2458
2508	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2813
2534	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2498
2534	limit with 5% margin	SBK Edic R70	NA	NA	NA	2565
2534	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2345
2534	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2525
2534	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2502
2534	limit with 5% margin	Ravenswood 3	NA	NA	NA	2629
2544 >E	Clay 345kV Voltage	Marcy South N.	9.7	327.8	342.2	3362
2567 >E	Edic 345kV Voltage	Marcy South N.	9.2	327.8	342.9	3384
2572 >E	Marcy 345kV Voltage	Marcy South N.	9.2	327.8	342.8	3388
2573	Clay 345kV Voltage	SBK Marcy R3108	3.4	327.8	340.5	2491
2580	Edic 345kV Voltage	SBK Marcy R3108	3.9	327.8	341.5	2495
2593	Gordon Rd 345kV Voltage	Pre-Fault	26.2	NA	348	2593
2600	Gordon Rd 345kV Voltage	SBK Princetown 345	13.8	327.8	347.7	2412
2624 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	6.2	327.8	340.9	2522
2635	Clay 345kV Voltage	Ph2 DC 1500	4.2	327.8	334.6	2958
2638	Edic 345kV Voltage	Ph2 DC 1500	4.2	327.8	335.2	2960
2639	Marcy 345kV Voltage	Ph2 DC 1500	4.2	327.8	335.1	2960
2642 >E	Clay 345kV Voltage	Volney-Marcy	5.6	327.8	333.6	2589
2646 >E	Clay 345kV Voltage	SBK Edic R945	8.2	327.8	335.1	1944
2646 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	8.2	327.8	335.1	1944
2646	Buchanan North 345kV Voltage	Pre-Fault	14.9	NA	346	2646
2651	Clay 345kV Voltage	SBK Princetown 345	2.0	327.8	328.8	2456
2651	Clay 345kV Voltage	SBK Edic R70	2.1	327.8	328.6	2683
2652 >E	Station 80 345kV Voltage	SBK Marcy R3108	7.6	327.8	340.9	2538

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2652	Clay 345kV Voltage	Ravenswood 3	2.1	327.8	328.3	2753
2653	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	327.8	327.9	2619
2653	Clay 345kV Voltage	N.Scot-Leeds 345	2.2	327.8	327.9	2615
2653	Clay 345kV Voltage	Prinetown-N.Scot 345	2.2	327.8	327.8	2643
2654	Edic 345kV Voltage	SBK Edic R70	2.2	327.8	328.5	2686
2654	Edic 345kV Voltage	SBK Prinetown 345	2.0	327.8	328.5	2458
2655	Marcy 345kV Voltage	SBK Prinetown 345	2.0	327.8	328.3	2459
2655	Edic 345kV Voltage	Ravenswood 3	2.2	327.8	328.0	2756
2655	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	327.8	327.9	2621
2655	Edic 345kV Voltage	N.Scot-Leeds 345	2.2	327.8	327.8	2617
2655	Edic 345kV Voltage	Prinetown-N.Scot 345	2.2	327.8	327.8	2645
2656	Marcy 345kV Voltage	N.Scot-Leeds 345	2.2	327.8	327.8	2617
2656	Marcy 345kV Voltage	SBK Edic R70	2.2	327.8	327.8	2688
2656	Marcy 345kV Voltage	Prinetown-N.Scot 345	2.2	327.8	327.8	2645
2656	Marcy 345kV Voltage	Ravenswood 3	2.2	327.8	327.8	2756
2656	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	327.8	327.8	2621
2656	Oakdale 345kV Voltage	Pre-Fault	2.6	NA	335	2656
2658 >E	Marcy 345kV Voltage	SBK Edic R945	8.4	327.8	336.0	1953
2658 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	8.4	327.8	336.0	1953
2659 >E	Edic 345kV Voltage	SBK Edic R945	8.4	327.8	335.9	1954
2659 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	8.4	327.8	335.9	1954
2659	Pleasant Valley 345kV Voltage	Pre-Fault	14.3	NA	348	2659
2660 >E	Pannell Road 345kV Voltage	Marcy South N.	16.0	327.8	341.0	3468
2663 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	9.2	327.8	333.8	1907
2665	New Scotland 345kV Voltage Alps	Pre-Fault	6.0	NA	348	2665
2665	New Scotland 345kV Voltage Gilb	Pre-Fault	6.0	NA	348	2665
2667 >E	Clay 345kV Voltage	Marcy South S.	6.8	327.8	330.6	3208
2669 >E	Edic 345kV Voltage	Marcy South S.	6.0	327.8	330.9	3209
2671 >E	Marcy 345kV Voltage	Marcy South S.	6.0	327.8	330.7	3211
2673 >E	Fraser 345kV Voltage	Pre-Fault	3.2	NA	338	2673
2674 >E	St.Lawrence 230kV Voltage	Pre-Fault	7.6	NA	225	2674
2677 >E	Rock Tavern 345kV Voltage	Pre-Fault	10.5	NA	348	2677
2679 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	9.3	327.8	334.5	1918
2679 >E	Buchanan South 345kV Voltage	Pre-Fault	15.8	NA	346	2679
2681 >E	Edic 345kV Voltage	Volney-Marcy	6.6	327.8	329.2	2626
2682 >E	Gordon Rd 345kV Voltage	Marcy South N.	16.3	327.8	346.1	3488
2684 >E	Coopers Corners 345kV Voltage	Pre-Fault	4.5	NA	338	2684
2684 >E	Gilboa 345kV Voltage	Pre-Fault	6.6	NA	348	2684

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2684 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	6.9	327.8	335.5	2985
2687 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	9.3	327.8	334.0	1923
2687 >E	Marcy 345kV Voltage	Volney-Marcy	6.8	327.8	328.5	2631
2689 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	334.3	2654
2689 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.4	320	322.0	2485
2691 >E	Oakdale 345kV Voltage	Ravenswood 3	2.5	320	321.2	2788
2694 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.5	320	320.3	2659
2694 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.5	320	320.2	2654
2694 >E	Oakdale 345kV Voltage	SBK Edic R70	2.5	320	320.2	2726
2694 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.5	320	320.1	2684
2695 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.6	320	337.5	2564
2705 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	330.6	2665
2705 >E	Fraser 345kV Voltage	SBK Edic R70	3.2	327.8	327.8	2737
2705 >E	Fraser 345kV Voltage	SBK Princetown 345	3.2	327.8	327.8	2498
2705 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	3.2	327.8	327.8	2695
2705 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.2	327.8	327.8	2665
2705 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.2	327.8	327.8	2670
2705 >E	Fraser 345kV Voltage	Ravenswood 3	3.2	327.8	327.8	2801
2707 >E	Pannell Road 345kV Voltage	SBK Princetown 345	6.2	327.8	329.8	2499
2707 >E	Station 80 345kV Voltage	Marcy South N.	17.9	327.8	340.0	3511
2708 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	4.3	327.8	330.0	2697
2710 >E	Oakdale 345kV Voltage	Marcy South N.	12.5	320	343.1	3513
2710 >E	Station 80 345kV Voltage	Ph2 DC 1500	8.4	327.8	336.0	3000
2710 >E	Gordon Rd 345kV Voltage	Ravenswood 3	4.4	327.8	329.5	2805
2711 >E	Ramapo 500kV Voltage	Ravenswood 3	18.3	500	504.9	2806
2711 >E	Pannell Road 345kV Voltage	Volney-Marcy	9.0	327.8	333.3	2654
2716 >E	Pannell Road 345kV Voltage	SBK Edic R70	7.1	327.8	328.6	2747
2716 >E	Pannell Road 345kV Voltage	Ravenswood 3	7.0	327.8	328.6	2810
2717 >E	Coopers Corners 345kV Voltage	Ravenswood 3	4.4	327.8	330.7	2811
2718 >E	St.Lawrence 230kV Voltage	Ravenswood 3	7.3	218.5	219.2	2813
2720 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	7.2	327.8	328.0	2684
2720 >E	Ramapo 345kV Voltage	Pre-Fault	15.9	NA	346	2720
2720 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	7.2	327.8	327.9	2679
2721 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	7.2	218.5	218.9	2510
2721 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	7.3	327.8	327.9	2710
2722 >E	Gordon Rd 345kV Voltage	SBK Edic R70	4.6	327.8	327.0	2753
2722 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	4.3	327.8	329.5	2511

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2723 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.4	327.8	329.2	2755
2723 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	7.6	218.5	218.5	2713
2724 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	7.6	218.5	218.5	2688
2724 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	7.6	218.5	218.5	2682
2724 >E	Niagara 230kV East Voltage	Pre-Fault	12.1	NA	225	2724
2724 >E	Niagara 230kV West Voltage	Pre-Fault	12.1	NA	225	2724
2724 >E	Marcy 345kV Voltage	SBK Marcy R3108	10.5	327.8	327.8	2581
2725 >E	Gordon Rd 345kV Voltage	Marcy South S.	10.2	327.8	339.1	3257
2726 >E	St.Lawrence 230kV Voltage	SBK Edic R70	7.8	218.5	218.2	2757
2727 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.5	327.8	328.3	2686
2728 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.4	320	329.7	3010
2729 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	4.5	327.8	328.0	2693
2730 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	4.5	327.8	327.9	2719
2733 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	9.3	327.8	338.6	3012
2739 >E	Ladentown 345kV Voltage	Pre-Fault	15.9	NA	346	2739
2743 >E	Pannell Road 345kV Voltage	Marcy South S.	10.6	327.8	330.8	3272
2743 >E	Pannell Road 345kV Voltage	SBK Edic R945	13.1	327.8	335.0	2013
2743 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	13.1	327.8	335.0	2013
2752 >E	Station 80 345kV Voltage	Volney-Marcy	11.1	327.8	333.4	2692
2754 >E	Oakdale 345kV Voltage	Volney-Marcy	6.4	320	326.4	2693
2757 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	5.2	327.8	332.6	2714
2757 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	5.2	327.8	332.6	2714
2766 >E	Roseton 345kV Voltage	Pre-Fault	15.4	NA	345	2766
2769 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	14.6	327.8	333.8	1977
2776 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	5.9	327.8	329.3	2865
2776 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	5.9	327.8	329.3	2865
2781 >E	Bowline 1 345kV Voltage	Pre-Fault	15.9	NA	345	2781
2781 >E	Leeds 345kV Voltage	Pre-Fault	11.1	NA	345	2781
2783 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	5.9	327.8	328.1	2815
2783 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	5.9	327.8	328.1	2815
2786 >E	Dunwoodie 345kV Voltage	Ravenswood 3	14.5	327.8	335.0	2873
2786 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	6.0	327.8	327.6	2775
2786 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	6.0	327.8	327.6	2775
2787 >E	Oakdale 345kV Voltage	Marcy South S.	7.1	320	322.0	3309
2787 >E	Sprain Brook 345kV Voltage	Ravenswood 3	14.5	327.8	335.0	2875
2788 >E	Bowline 2 345kV Voltage	Pre-Fault	15.9	NA	345	2788
2790 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	6.1	327.8	327.0	2753
2790 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr	6.1	327.8	327.0	2753

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2791 >E	Station 80 345kV Voltage	Marcy South S.	13.1	327.8	330.9	3313
2794 >E	Station 80 345kV Voltage	SBK Princetown 345	12.5	327.8	331.1	2566
2795 >E	Oakdale 345kV Voltage	SBK Edic R945	9.5	320	333.3	2050
2795 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	9.5	320	333.3	2050
2795 >E	Niagara 230kV East Voltage	Ravenswood 3	11.7	218.5	219.2	2881
2795 >E	Niagara 230kV West Voltage	Ravenswood 3	11.7	218.5	219.2	2881
2795 >E	Niagara 230kV East Voltage	SBK Princetown 345	11.6	218.5	219.1	2567
2795 >E	Niagara 230kV West Voltage	SBK Princetown 345	11.6	218.5	219.1	2567
2797 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	12.0	327.8	337.7	2625
2798 >E	Station 80 345kV Voltage	SBK Edic R945	15.9	327.8	335.0	2052
2798 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	15.9	327.8	335.0	2052
2798 >E	Niagara 230kV East Voltage	SBK Edic R70	11.9	218.5	218.9	2830
2798 >E	Niagara 230kV West Voltage	SBK Edic R70	11.9	218.5	218.9	2830
2801 >E	Ramapo 500kV Voltage	SBK Princetown 345	19.7	500	500.4	2572
2802 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	19.7	500	500.3	2757
2802 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr	12.0	218.5	218.6	2764
		345				
2802 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr	12.0	218.5	218.6	2764
		345				
2802 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	12.0	218.5	218.5	2757
2802 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	12.0	218.5	218.5	2757
2803 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	12.1	218.5	218.5	2792
2803 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	12.1	218.5	218.5	2792
2803 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	17.8	218.5	223.5	3051
2805 >E	Ramapo 500kV Voltage	SBK Edic R70	19.9	500	500.2	2836
2806 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	6.3	327.8	329.5	2760
2807 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr	20.0	500	500.1	2769
		345				
2808 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	20.1	500	500.0	2797
2808 >E	Ramapo 500kV Voltage	Pre-Fault	20.1	NA	500	2808
2813 >E	Gilboa 345kV Voltage	Ravenswood 3	6.5	327.8	328.4	2898
2817 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	6.6	327.8	327.8	2806
2817 >E	Gilboa 345kV Voltage	SBK Edic R70	6.6	327.8	327.7	2849
2818 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr	6.6	327.8	327.6	2780
		345				
2820 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	10.3	320	331.7	2010
2823 >E	Buchanan North 345kV Voltage	Ravenswood 3	13.7	327.8	334.1	2907
2825 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	6.7	327.8	321.1	2590
2825 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	6.7	327.8	321.1	2590
2826 >E	Gilboa 345kV Voltage	SBK Princetown 345	6.7	327.8	326.5	2591

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2827 >E	Station 80 345kV Voltage	Ravenswood 3	15.4	327.8	329.2	2910
2829 >E	Millwood 345kV Voltage	Ravenswood 3	14.3	327.8	334.7	2912
2830 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	17.7	327.8	333.7	2017
2830 >E	Station 80 345kV Voltage	SBK Edic R70	15.5	327.8	329.0	2861
2834 >E	Fraser 345kV Voltage	Marcy South S.	9.4	327.8	327.8	3349
2834 >E	Fraser 345kV Voltage	Volney-Marcy	9.4	327.8	327.8	2768
2834 >E	Fraser 345kV Voltage	Ph2 DC 1500	9.4	327.8	327.8	3068
2840 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	10.9	327.8	332.4	3071
2845 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	16.3	327.8	328.1	2806
2846 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	16.3	327.8	328.0	2798
2847 >E	Rock Tavern 345kV Voltage	Ravenswood 3	10.0	327.8	331.8	2929
2848 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	16.5	327.8	327.9	2837
2849 >E	Ramapo 500kV Voltage	Ph2 DC 1500	54.3	500	505.4	3076
2854 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	23.2	218.5	221.5	2659
2861 >E	Buchanan South 345kV Voltage	Ravenswood 3	14.4	327.8	334.5	2941
2866 >E	Fraser 345kV Voltage	SBK Edic R945	11.6	327.8	338.2	2100
2866 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	11.6	327.8	338.2	2100
2871 >E	New Scotland 345kV Voltage Alps	Marcy South S.	13.2	327.8	339.5	3380
2871 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	13.2	327.8	339.5	3380
2880 >E	Gordon Rd 345kV Voltage	Volney-Marcy	13.7	327.8	328.1	2811
2883 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	10.3	327.8	328.4	2635
2883 >E	Rock Tavern 345kV Voltage	SBK Edic R70	10.4	327.8	328.4	2914
2884 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	10.3	327.8	328.3	2834
2888 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	10.5	327.8	327.9	2848
2889 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	10.5	327.8	327.8	2877
2894 >E	Somerset 345kV Voltage	SBK Marcy R3108	14.8	327.8	346.4	2682
2895 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	12.5	327.8	336.7	2060
2895 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	13.7	327.8	331.5	2972
2896 >E	Coopers Corners 345kV Voltage	SBK Edic R945	17.0	327.8	339.7	2121
2896 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	17.0	327.8	339.7	2121
2896 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	15.9	327.8	328.2	2846
2896 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	12.9	327.8	338.0	3102
2896 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	12.9	327.8	338.0	3102
2898 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	15.9	327.8	328.2	2848
2899 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	19.4	327.8	336.3	2062
2900 >E	Dunwoodie 345kV Voltage	SBK Edic R70	16.2	327.8	328.0	2931
2902 >E	Sprain Brook 345kV Voltage	SBK Edic R70	16.1	327.8	328.0	2933
2903 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	16.2	327.8	327.8	2891
2904 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr	16.3	327.8	327.7	2864

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2905 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	16.2	327.8	327.8	2893
2906 >E	Coopers Corners 345kV Voltage	Volney-Marcy	13.0	327.8	327.4	2835
2906 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	16.3	327.8	327.7	2866
2909 >E	St.Lawrence 230kV Voltage	Marcy South S.	24.2	218.5	219.6	3412
2910 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	14.6	327.8	328.3	2859
2911 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	16.4	327.8	327.3	2657
2912 >E	St.Lawrence 230kV Voltage	Volney-Marcy	25.4	218.5	219.5	2840
2912 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	16.4	327.8	327.3	2658
2913 >E	Buchanan North 345kV Voltage	SBK Edic R70	14.8	327.8	328.1	2944
2917 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	14.9	327.8	327.8	2905
2917 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	14.9	327.8	327.8	2876
2917 >E	Buchanan North 345kV Voltage	SBK Princetown 345	14.9	327.8	327.7	2662
2923 >E	Ramapo 345kV Voltage	Ravenswood 3	14.8	327.8	333.2	2996
2926 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	18.3	327.8	338.6	2080
2928 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	15.4	327.8	328.4	2877
2929 >E	Niagara 230kV East Voltage	Ph2 DC 1500	23.3	218.5	222.8	3120
2929 >E	Niagara 230kV West Voltage	Ph2 DC 1500	23.3	218.5	222.8	3120
2931 >E	Ladentown 345kV Voltage	Ravenswood 3	14.7	327.8	333.9	3003
2933 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	328.9	2881
2934 >E	Millwood 345kV Voltage	SBK Edic R70	15.7	327.8	328.0	2965
2937 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	15.8	327.8	327.8	2925
2939 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	15.8	327.8	327.7	2898
2946 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	14.3	327.8	328.0	2977
2946 >E	Millwood 345kV Voltage	SBK Princetown 345	16.0	327.8	327.2	2684
2949 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	14.3	327.8	327.7	2937
2951 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	14.4	327.8	327.6	2910
2955 >E	Fraser 345kV Voltage	SBK Marcy R3108	14.6	327.8	327.8	2718
2955 >E	Bowline 1 345kV Voltage	Ravenswood 3	14.7	327.8	334.0	3026
2957 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	15.4	327.8	328.4	2904
2961 >E	Bowline 2 345kV Voltage	Ravenswood 3	14.7	327.8	334.1	3031
2962 >E	Buchanan South 345kV Voltage	SBK Edic R70	15.7	327.8	328.0	2993
2966 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	14.7	327.8	326.5	2699
2966 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	15.8	327.8	327.8	2954
2967 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	15.8	327.8	327.7	2925
2972 >E	Leeds 345kV Voltage	Ravenswood 3	11.1	327.8	327.8	3040

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\0VW_CAPS\Sum2023_CEVC_PH2_00_0VW_CAPS.xlsx

1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2972 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	11.1	327.8	327.8	2918
2972 >E	Leeds 345kV Voltage	SBK Edic R70	11.1	327.8	327.8	3003
2972 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	11.1	327.8	327.8	2959
2972 >E	Leeds 345kV Voltage	SBK Princetown 345	11.1	327.8	327.8	2703
2972 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	11.1	327.8	327.8	2930
2972 >E	Buchanan South 345kV Voltage	SBK Princetown 345	15.9	327.8	327.4	2704
2972 >E	Watercure 230kV Voltage	SBK Marcy R3108	17.1	207	223.8	2729
2975 >E	Roseton 345kV Voltage	Ravenswood 3	14.7	327.8	331.4	3043
2985 >E	Gilboa 345kV Voltage	Marcy South S.	15.6	327.8	337.0	3477
2997 >E	New Scotland 345kV Voltage Alps	Marcy South N.	23.4	327.8	346.2	3774
2997 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	23.4	327.8	346.2	3774
3000 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	15.6	327.8	328.4	2946
3004 >E	Ramapo 345kV Voltage	SBK Edic R70	15.8	327.8	328.1	3035
3006 >E	Niagara 230kV East Voltage	Volney-Marcy	27.8	218.5	220.3	2929
3006 >E	Niagara 230kV West Voltage	Volney-Marcy	27.8	218.5	220.3	2929
3006 >E	Ramapo 345kV Voltage	SBK Princetown 345	15.8	327.8	328.0	2730
3009 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	15.9	327.8	327.8	2997
3009 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	15.9	327.8	327.8	2966
3018 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	15.5	327.8	328.4	2962
3021 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	15.1	327.8	328.4	2965
3022 >E	Ladentown 345kV Voltage	SBK Edic R70	15.8	327.8	328.1	3053
3026 >E	Roseton 345kV Voltage	SBK Edic R70	15.3	327.8	328.1	3057
3027 >E	Niagara 230kV East Voltage	Marcy South S.	29.1	218.5	219.6	3512
3027 >E	Niagara 230kV West Voltage	Marcy South S.	29.1	218.5	219.6	3512
3027 >E	Ladentown 345kV Voltage	SBK Princetown 345	15.8	327.8	327.8	2746
3028 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	15.9	327.8	327.8	3015
3028 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	15.9	327.8	327.8	2984
3031 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	15.4	327.8	327.8	3018
3032 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	15.4	327.8	327.7	2988
3035 >E	Roseton 345kV Voltage	SBK Princetown 345	15.5	327.8	327.5	2753
3044 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	15.6	327.8	328.5	2987
3049 >E	Bowline 1 345kV Voltage	SBK Edic R70	15.9	327.8	328.1	3080
3051 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	15.6	327.8	328.5	2993
3054 >E	Bowline 1 345kV Voltage	SBK Princetown 345	15.9	327.8	327.8	2767
3055 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	15.9	327.8	327.8	3042
3055 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	16.0	327.8	327.8	3011

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3056 >E	Bowline 2 345kV Voltage	SBK Edic R70	15.8	327.8	328.1	3086
3061 >E	Bowline 2 345kV Voltage	SBK Princetown 345	15.8	327.8	327.8	2772
3061 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	15.9	327.8	327.8	3048
3061 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	15.9	327.8	327.8	3017
3068 >E	Somerset 345kV Voltage	Ph2 DC 1500	21.1	327.8	344.5	3197
3075 >E	Gilboa 345kV Voltage	Ph2 DC 1500	17.2	327.8	332.4	3201
3078 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	17.8	327.8	328.0	2995
3078 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	17.8	327.8	328.0	2995
3099 >E	St.Lawrence 230kV Voltage	Marcy South N.	47.1	218.5	225.9	3867
3110 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	20.1	327.8	334.7	2810
3110 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	20.1	327.8	334.7	2810
3112 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	22.0	327.8	325.4	2812
3163 >E	Gilboa 345kV Voltage	Volney-Marcy	19.4	327.8	327.9	3074
3169 >E	St.Lawrence 230kV Voltage	SBK Edic R945	48.2	218.5	224.0	2314
3169 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	48.2	218.5	224.0	2314
3181 >E	Ramapo 500kV Voltage	SBK Edic R945	77.6	500	503.8	2322
3181 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	77.6	500	503.8	2323
3209 >E	Ramapo 500kV Voltage	Volney-Marcy	68.5	500	500.3	3117
3209 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	81.6	500	503.5	2266
3256 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	53.9	218.5	222.9	2297
3263 >E	Somerset 345kV Voltage	Marcy South N.	35.6	327.8	343.3	4016
3277 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	27.2	327.8	331.3	3312
3292 >E	Leeds 345kV Voltage	Marcy South S.	23.9	327.8	338.7	3737
3292 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	30.7	327.8	338.3	2401
3292 >E	Somerset 345kV Voltage	SBK Edic R945	30.7	327.8	338.3	2401
3321 >E	Fraser 345kV Voltage	Marcy South N.	29.0	327.8	327.8	4069
3349 >E	Gilboa 345kV Voltage	SBK Edic R945	27.1	327.8	337.2	2441
3349 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	27.1	327.8	337.2	2441
3365 >E	Gilboa 345kV Voltage	SBK Marcy R3108	26.9	327.8	330.5	2962
3380 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	34.2	327.8	336.5	2378
3382 >E	Somerset 345kV Voltage	Volney-Marcy	33.6	327.8	339.7	3279
3393 >E	Rock Tavern 345kV Voltage	Volney-Marcy	31.3	327.8	327.6	3289
3400 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	28.8	327.8	335.9	2392
3408 >E	Pleasant Valley 345kV Voltage	Marcy South S.	40.6	327.8	332.2	3836
3413 >E	Rainey 345kV Voltage	Ravenswood 3	37.9	327.8	340.3	3437
3413 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	30.5	327.8	330.8	2487
3413 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	30.5	327.8	330.8	2487
3413 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	30.5	327.8	330.8	2487
3413 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	30.5	327.8	330.8	2487
3422 >E	Niagara 230kV East Voltage	SBK Marcy R3108	60.3	218.5	229.9	2996

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3422 >E	Niagara 230kV West Voltage	SBK Marcy R3108	60.3	218.5	229.9	2996
3432 >E	Niagara 345kV Voltage	SBK Marcy R3108	29.4	327.8	350.8	3002
3440 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	31.9	327.8	315.7	2506
3440 >E	Gordon Rd 345kV Voltage	SBK Edic R945	31.9	327.8	315.7	2506
3461 >E	Farragut 345kV Voltage	Ravenswood 3	40.1	327.8	339.5	3480
3474 >E	Watercure 230kV Voltage	SBK Edic R945	37.5	207	222.3	2530
3474 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	37.5	207	222.3	2530
3474 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	46.9	327.8	331.5	3421
3477 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	38.7	327.8	330.6	3422
3480 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	32.7	327.8	328.9	2444
3480 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	32.7	327.8	328.9	2444
3517 >E	Ramapo 500kV Voltage	SBK Marcy R3108	105.1	500	501.0	3053
3520 >E	Gardenville 230kV Voltage	Pre-Fault	53.2	NA	217	3520
3537 >E	Rainey 345kV Voltage	Pre-Fault	55.3	NA	338	3537
3545 >E	Farragut 345kV Voltage	Pre-Fault	57.7	NA	338	3545
3563 >E	Millwood 345kV Voltage	Ph2 DC 1500	48.5	327.8	330.2	3470
3575 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	56.0	327.8	329.6	3476
3576 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	56.3	327.8	329.5	3477
3599 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	46.9	327.8	331.1	3490
3603 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	42.5	207	220.9	2525
3619 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	45.0	327.8	327.4	3500
3631 >E	Ramapo 345kV Voltage	Ph2 DC 1500	44.4	327.8	332.3	3507
3637 >E	Somerset 345kV Voltage	Marcy South S.	44.0	327.8	335.8	4030
3646 >E	Ramapo 500kV Voltage	Marcy South N.	132.2	500	502.1	4364
3664 >E	Leeds 345kV Voltage	Volney-Marcy	34.1	327.8	327.8	3542
3664 >E	Leeds 345kV Voltage	Ph2 DC 1500	34.1	327.8	327.8	3525
3681 >E	Gilboa 345kV Voltage	Marcy South N.	40.5	327.8	337.4	4395
3695 >E	Buchanan North 345kV Voltage	Volney-Marcy	56.2	327.8	327.6	3570
3695 >E	Ladentown 345kV Voltage	Ph2 DC 1500	44.7	327.8	332.4	3542
3699 >E	Roseton 345kV Voltage	Ph2 DC 1500	41.8	327.8	330.8	3545
3713 >E	Dunwoodie 345kV Voltage	Volney-Marcy	65.4	327.8	327.4	3588
3718 >E	Sprain Brook 345kV Voltage	Volney-Marcy	65.2	327.8	327.4	3592
3724 >E	Millwood 345kV Voltage	Volney-Marcy	56.9	327.8	327.4	3598
3734 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	48.6	327.8	336.7	2714
3734 >E	Rock Tavern 345kV Voltage	SBK Edic R945	48.6	327.8	336.7	2714
3765 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	44.6	327.8	332.7	3581
3785 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	44.6	327.8	332.8	3592
3791 >E	Gardenville 230kV Voltage	SBK Princetown 345	43.6	207	211.9	3336
3801 >E	Buchanan South 345kV Voltage	Volney-Marcy	55.6	327.8	327.4	3669
3801 >E	Ramapo 500kV Voltage	Marcy South S.	141.4	500	491.8	4169
3807 >E	Watercure 230kV Voltage	Ph2 DC 1500	51.2	207	237.6	3604

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3828 >E	Goethals 345kV Voltage	Ravenswood 3	54.7	327.8	338.1	3810
3839 >E	Goethals 345kV Voltage	Pre-Fault	77.8	NA	338	3839
3842 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	52.8	327.8	335.1	2682
3852 >E	Roseton 345kV Voltage	Volney-Marcy	47.5	327.8	327.5	3717
3868 >E	Gardenville 230kV Voltage	Ravenswood 3	46.5	207	210.5	3846
3878 >E	Ramapo 345kV Voltage	Volney-Marcy	52.9	327.8	327.7	3741
3883 >E	Gardenville 230kV Voltage	SBK Marcy R3108	50.0	207	225.9	3270
3950 >E	Gardenville 230kV Voltage	SBK Edic R70	49.5	207	208.9	3978
3956 >E	Ladentown 345kV Voltage	Volney-Marcy	53.5	327.8	327.5	3814
3971 >E	Gardenville 230kV Voltage	Ph2 DC 1500	51.5	207	223.0	3694
4026 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	52.3	207	207.5	3922
4026 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	52.3	207	207.5	3958
4039 >E	Bowline 1 345kV Voltage	Volney-Marcy	53.4	327.8	327.6	3891
4044 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	52.9	207	207.1	4023
4050 >E	Watercure 230kV Voltage	Marcy South N.	75.2	207	238.5	4731
4053 >E	Dunwoodie 345kV Voltage	Marcy South S.	85.2	327.8	322.1	4383
4062 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	57.9	327.8	324.7	3376
4067 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	54.1	327.8	328.4	3961
4070 >E	Bowline 2 345kV Voltage	Volney-Marcy	53.6	327.8	327.4	3920
4077 >E	Sprain Brook 345kV Voltage	Marcy South S.	85.9	327.8	321.8	4404
4084 >E	Millwood 345kV Voltage	Marcy South S.	75.5	327.8	321.0	4409
4094 >E	Rainey 345kV Voltage	SBK Edic R70	55.1	327.8	327.9	4121
4098 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	56.3	327.8	328.4	3990
4103 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	55.4	327.8	327.8	4082
4108 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	55.5	327.8	327.7	4037
4126 >E	Farragut 345kV Voltage	SBK Edic R70	57.5	327.8	327.9	4153
4127 >E	Rainey 345kV Voltage	SBK Princetown 345	56.1	327.8	327.3	3595
4135 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	57.7	327.8	327.8	4114
4140 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	57.9	327.8	327.7	4069
4153 >E	Roseton 345kV Voltage	Marcy South S.	58.6	327.8	321.2	4467
4160 >E	Farragut 345kV Voltage	SBK Princetown 345	58.5	327.8	327.3	3621
4182 >E	Leeds 345kV Voltage	SBK Marcy R3108	51.0	327.8	327.8	3448
4195 >E	Leeds 345kV Voltage	Marcy South N.	54.6	327.8	342.1	4863
4230 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	87.0	327.8	333.2	3064
4230 >E	Buchanan North 345kV Voltage	SBK Edic R945	87.0	327.8	333.2	3064
4258 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	73.8	327.8	327.2	3493
4352 >E	Coopers Corners 345kV Voltage	Marcy South N.	64.2	327.8	303.0	5005
4375 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	94.2	327.8	332.0	3032

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4399 >E	Ramapo 345kV Voltage	SBK Edic R945	77.8	327.8	335.3	3184
4399 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	77.8	327.8	335.3	3184
4404 >E	Somerset 345kV Voltage	SBK Princetown 345	76.2	327.8	347.5	3809
4431 >E	Niagara 345kV Voltage	SBK Edic R945	62.0	327.8	341.7	3206
4431 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	62.0	327.8	341.7	3206
4434 >E	Niagara 230kV East Voltage	SBK Edic R945	129.2	218.5	226.1	3208
4434 >E	Niagara 230kV West Voltage	SBK Edic R945	129.2	218.5	226.1	3208
4434 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	129.2	218.5	226.1	3208
4434 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	129.2	218.5	226.1	3208
4498 >E	Buchanan South 345kV Voltage	Marcy South S.	85.7	327.8	314.8	4761
4568 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	84.7	327.8	333.8	3159
4582 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	81.0	327.8	335.5	3313
4582 >E	Ladentown 345kV Voltage	SBK Edic R945	81.0	327.8	335.5	3313
4585 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	76.0	327.8	328.4	4454
4599 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	94.2	327.8	332.9	3325
4600 >E	Buchanan South 345kV Voltage	SBK Edic R945	94.2	327.8	332.9	3325
4623 >E	Goethals 345kV Voltage	SBK Edic R70	77.5	327.8	327.9	4649
4635 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	77.9	327.8	327.8	4610
4641 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	78.1	327.8	327.7	4557
4643 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	105.2	327.8	325.7	3722
4644 >E	Millwood 345kV Voltage	SBK Edic R945	103.9	327.8	331.6	3357
4644 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	104.0	327.8	331.6	3357
4651 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	69.1	327.8	339.7	3214
4653 >E	Niagara 345kV Voltage	Marcy South N.	76.0	327.8	347.2	5279
4659 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	144.5	218.5	225.2	3219
4659 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	144.5	218.5	225.2	3219
4667 >E	Goethals 345kV Voltage	SBK Princetown 345	79.0	327.8	327.4	4012
4694 >E	Millwood 345kV Voltage	SBK Marcy R3108	106.3	327.8	325.4	3752
4702 >E	Bowline 1 345kV Voltage	SBK Edic R945	80.6	327.8	336.0	3397
4702 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	80.6	327.8	336.0	3398
4703 >E	Pleasant Valley 345kV Voltage	Marcy South N.	100.8	327.8	335.8	5324
4721 >E	Sprain Brook 345kV Voltage	SBK Edic R945	124.1	327.8	330.8	3411
4721 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	124.1	327.8	330.8	3411
4723 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	125.0	327.8	325.4	3769
4723 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	124.3	327.8	325.4	3770
4740 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	80.6	327.8	336.8	3424
4740 >E	Bowline 2 345kV Voltage	SBK Edic R945	80.6	327.8	336.8	3424
4742 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	125.9	327.8	330.7	3426
4742 >E	Dunwoodie 345kV Voltage	SBK Edic R945	126.0	327.8	330.7	3426
4750 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	69.1	327.8	327.8	3432

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4750 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	69.1	327.8	327.8	3279
4750 >E	Leeds 345kV Voltage	SBK Edic R945	69.2	327.8	327.8	3432
4764 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	88.0	327.8	333.9	3288
4776 >E	Gardenville 230kV Voltage	Volney-Marcy	81.7	207	216.6	4578
4780 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	94.4	327.8	329.2	3452
4780 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	94.4	327.8	329.2	3453
4780 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	102.0	327.8	331.5	3298
4785 >E	Roseton 345kV Voltage	SBK Marcy R3108	83.1	327.8	325.7	3806
4790 >E	Buchanan North 345kV Voltage	Marcy South S.	103.1	327.8	308.1	5008
4830 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	112.5	327.8	330.1	3332
4864 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	87.1	327.8	333.1	3512
4864 >E	Roseton 345kV Voltage	SBK Edic R945	87.1	327.8	333.1	3512
4882 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	105.9	327.8	325.3	3864
4897 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	87.7	327.8	334.3	3375
4919 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	134.4	327.8	329.5	3390
4937 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	87.6	327.8	335.1	3402
4938 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	100.5	327.8	327.7	3403
4942 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	136.5	327.8	329.4	3405
5012 >E	Niagara 345kV Voltage	Ph2 DC 1500	83.4	327.8	374.9	4268
5018 >E	Niagara 230kV East Voltage	Marcy South N.	174.6	218.5	229.6	5611
5018 >E	Niagara 230kV West Voltage	Marcy South N.	174.6	218.5	229.6	5611
5034 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	93.1	327.8	331.6	3466
5044 >E	Gardenville 230kV Voltage	Marcy South S.	92.9	207	214.5	5223
5052 >E	Ramapo 345kV Voltage	SBK Marcy R3108	101.7	327.8	324.9	3965
5056 >E	Rock Tavern 345kV Voltage	Marcy South S.	79.8	327.8	274.7	5233
5317 >E	Gardenville 230kV Voltage	SBK Edic R945	104.5	207	220.5	3832
5317 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	104.5	207	220.5	3832
5323 >E	Ladentown 345kV Voltage	SBK Marcy R3108	107.8	327.8	324.8	4126
5386 >E	Coopers Corners 345kV Voltage	Marcy South S.	68.6	327.8	137.6	5513
5505 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	108.1	327.8	324.6	4234
5647 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	116.8	207	218.9	3869
5838 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	118.4	327.8	324.6	4432
5856 >E	Ladentown 345kV Voltage	Marcy South S.	120.3	327.8	291.9	5912
5887 >E	Ramapo 345kV Voltage	Marcy South S.	123.7	327.8	289.8	5938
6101 >E	Millwood 345kV Voltage	Marcy South N.	179.3	327.8	329.1	6595
6176 >E	Roseton 345kV Voltage	Marcy South N.	136.8	327.8	330.4	6663
6256 >E	Sprain Brook 345kV Voltage	Marcy South N.	214.3	327.8	328.4	6736
6257 >E	Dunwoodie 345kV Voltage	Marcy South N.	215.8	327.8	328.5	6736
6279 >E	Buchanan North 345kV Voltage	Marcy South N.	184.2	327.8	325.7	6757
6302 >E	Rock Tavern 345kV Voltage	Marcy South N.	136.3	327.8	315.5	6778
6393 >E	Somerset 345kV Voltage	Ravenswood 3	164.9	327.8	343.3	6117

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6414 >E	Bowline 1 345kV Voltage	Marcy South S.	133.5	327.8	282.9	6385
6444 >E	Bowline 2 345kV Voltage	Marcy South S.	132.6	327.8	282.8	6411
6583 >E	Buchanan South 345kV Voltage	Marcy South N.	184.3	327.8	327.6	7033
6621 >E	Watercure 230kV Voltage	Volney-Marcy	164.8	207	249.7	6298
6732 >E	Gardenville 230kV Voltage	Marcy South N.	166.7	207	233.0	7168
7246 >E	Somerset 345kV Voltage	SBK Edic R70	200.4	327.8	341.5	7263
7322 >E	Ramapo 345kV Voltage	Marcy South N.	189.7	327.8	322.9	7704
7362 >E	Rainey 345kV Voltage	Ph2 DC 1500	178.3	327.8	331.4	5563
7435 >E	Farragut 345kV Voltage	Ph2 DC 1500	184.7	327.8	331.3	5604
7876 >E	Ladentown 345kV Voltage	Marcy South N.	204.2	327.8	323.0	8208
8193 >E	Rainey 345kV Voltage	Volney-Marcy	209.7	327.8	327.3	7763
8292 >E	Farragut 345kV Voltage	Volney-Marcy	217.7	327.8	327.3	7856
8766 >E	Bowline 1 345kV Voltage	Marcy South N.	224.8	327.8	319.6	9016
8837 >E	Bowline 2 345kV Voltage	Marcy South N.	223.9	327.8	322.8	9081
8935 >E	Somerset 345kV Voltage	Pre-Fault	479.3	NA	338	8935
8982 >E	Goethals 345kV Voltage	Ph2 DC 1500	247.2	327.8	331.6	6456
10008 >E	Rainey 345kV Voltage	Marcy South S.	277.4	327.8	318.5	9434
10149 >E	Farragut 345kV Voltage	Marcy South S.	288.4	327.8	318.7	9553
10221 >E	Goethals 345kV Voltage	Volney-Marcy	295.5	327.8	327.3	9653
11213 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	367.9	327.8	333.2	10965
11461 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	378.5	327.8	332.7	10999
12743 >E	Goethals 345kV Voltage	Marcy South S.	392.9	327.8	318.6	11754
12892 >E	Somerset 345kV Voltage	Princeton-N.Scot 345	439.5	327.8	329.7	12805
13371 >E	Rainey 345kV Voltage	SBK Marcy R3108	404.1	327.8	323.9	8910
13452 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	407.0	327.8	333.2	9582
13452 >E	Rainey 345kV Voltage	SBK Edic R945	407.0	327.8	333.2	9582
13529 >E	Farragut 345kV Voltage	SBK Marcy R3108	418.3	327.8	324.0	9004
13653 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	422.9	327.8	333.1	9724
13653	Farragut 345kV Voltage	SBK Edic R945	422.9	327.8	333.1	9724

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						
14390	Rainey 345kV Voltage	Marcy-N.Scot99 345	441.3	327.8	331.3	9613
>E						
14618	Farragut 345kV Voltage	Marcy-N.Scot99 345	459.0	327.8	331.3	9763
>E						
17454	Goethals 345kV Voltage	SBK Marcy R3108	576.2	327.8	323.7	11338
>E						
17550	Goethals 345kV Voltage	SBK Edic R945	579.7	327.8	333.3	12478
>E						
17561	Goethals 345kV Voltage	Edic-Gordon Rd. 345	580.1	327.8	333.3	12486
>E						
18831	Goethals 345kV Voltage	Marcy-N.Scot99 345	628.4	327.8	331.6	12532
>E						
20452	Rainey 345kV Voltage	Marcy South N.	669.9	327.8	329.3	19636
>E						
20686	Farragut 345kV Voltage	Marcy South N.	692.4	327.8	329.3	19849
>E						
21000	Northport 138kV Voltage	Ph2 DC 1500	1445.2	131.1	131.6	13079
>E						
22013	Northport 138kV Voltage	Volney-Marcy	1524.2	131.1	130.9	20646
>E						
25860	Northport 138kV Voltage	Marcy South S.	1827.8	131.1	128.3	22880
>E						
27461	Goethals 345kV Voltage	Marcy South N.	964.4	327.8	329.4	26005
>E						
42460	Northport 138kV Voltage	SBK Marcy R3108	3130.3	131.1	129.2	26204
>E						
45825	Niagara 345kV Voltage	Volney-Marcy	1446.2	327.8	661.9	42841
>E						
47970	Northport 138kV Voltage	Edic-Gordon Rd. 345	3561.2	131.1	134.0	33978
>E						
47970	Northport 138kV Voltage	SBK Edic R945	3561.2	131.1	134.0	33978
>E						
52117	Northport 138kV Voltage	Marcy-N.Scot99 345	3884.9	131.1	133.1	34404
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
99999	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

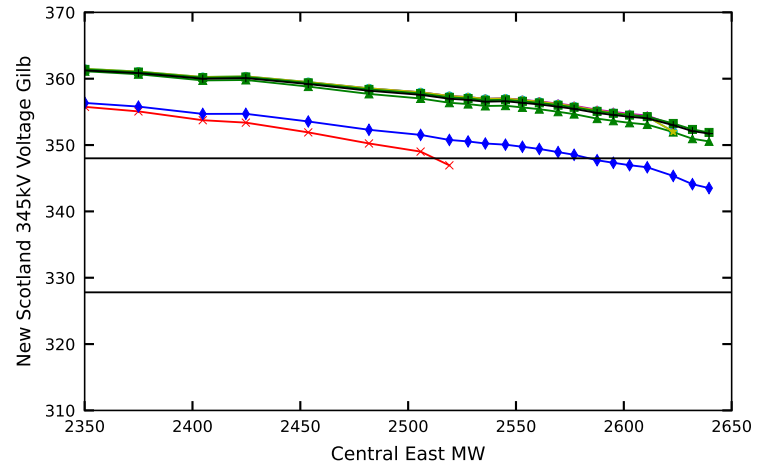
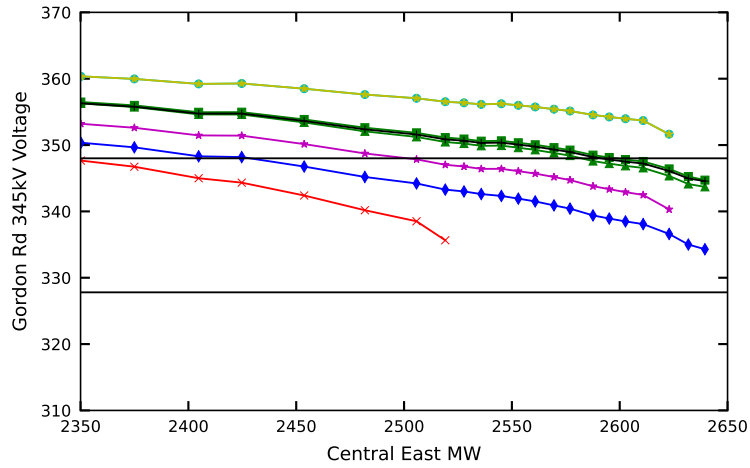
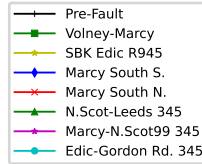
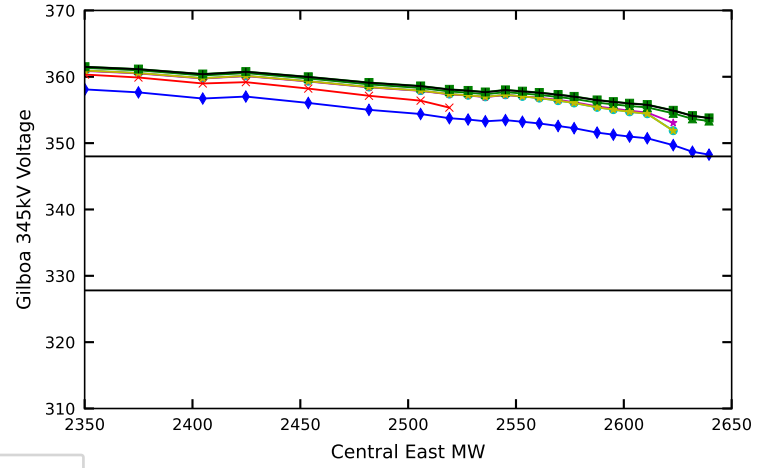
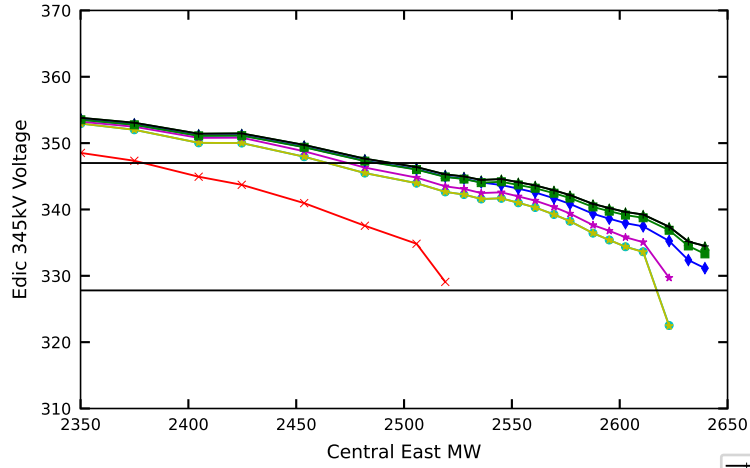
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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 0VW_CAPS

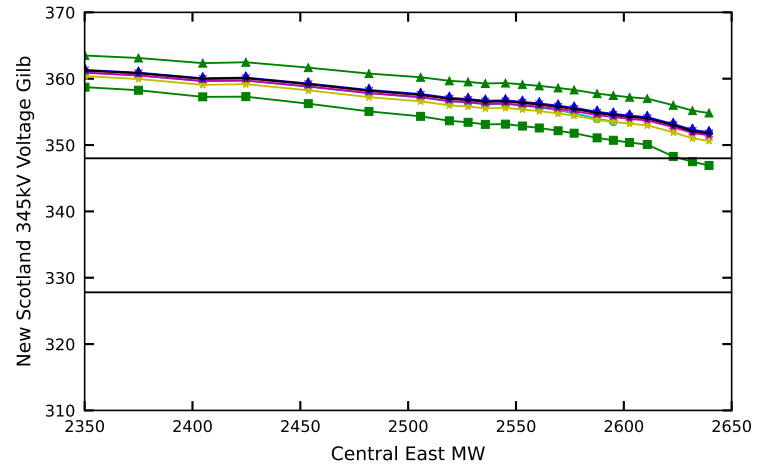
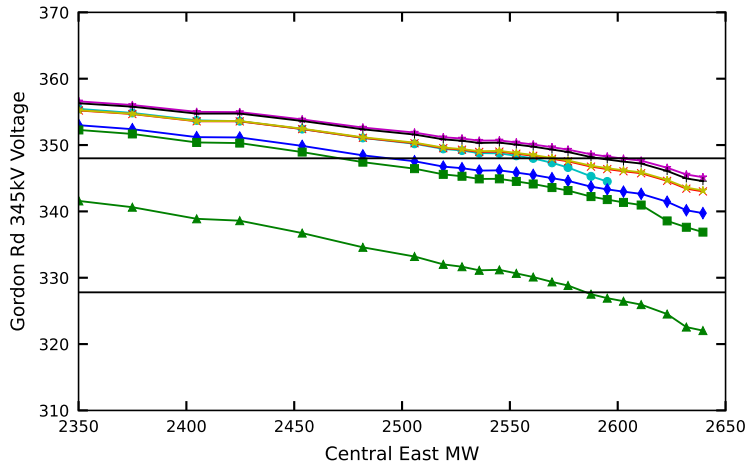
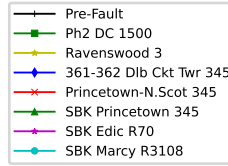
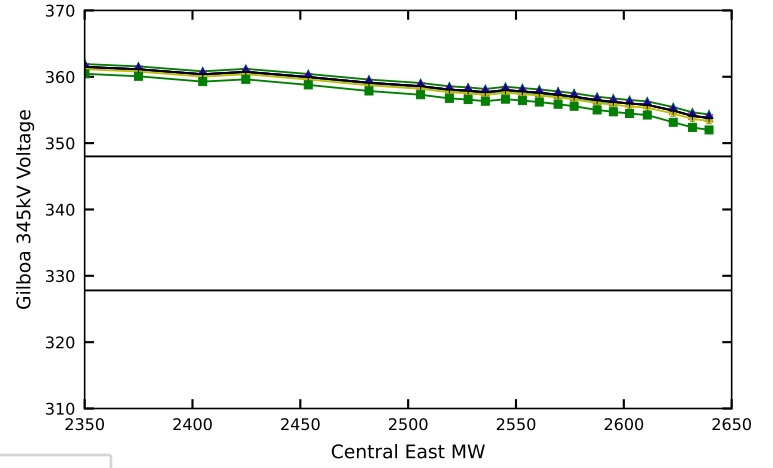
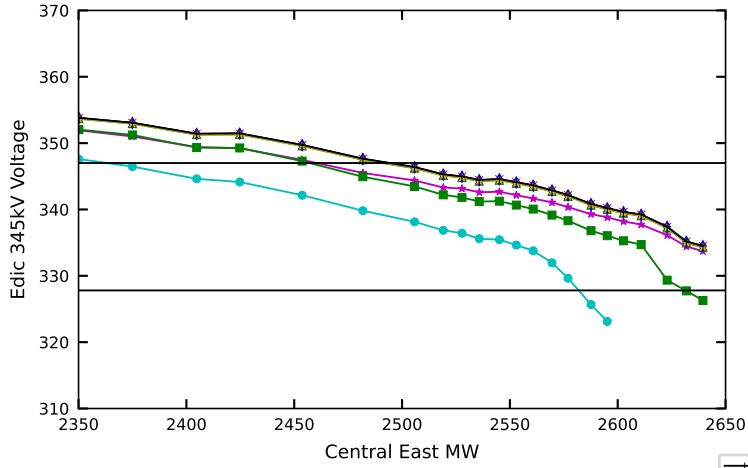
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						Post Flow

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

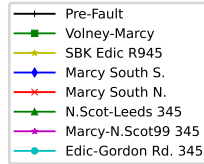
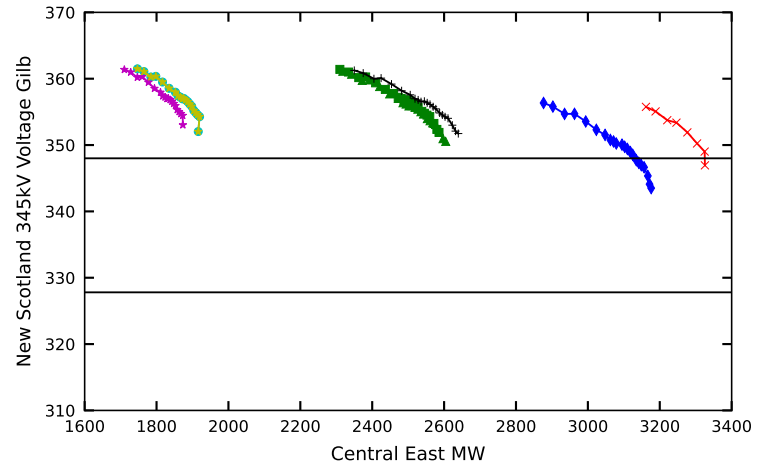
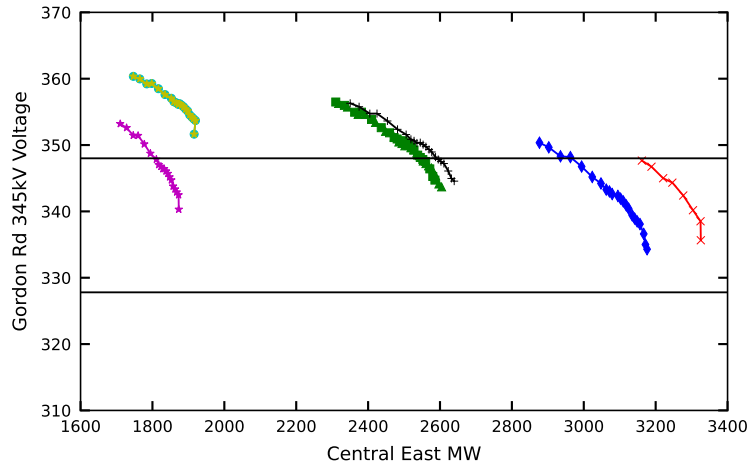
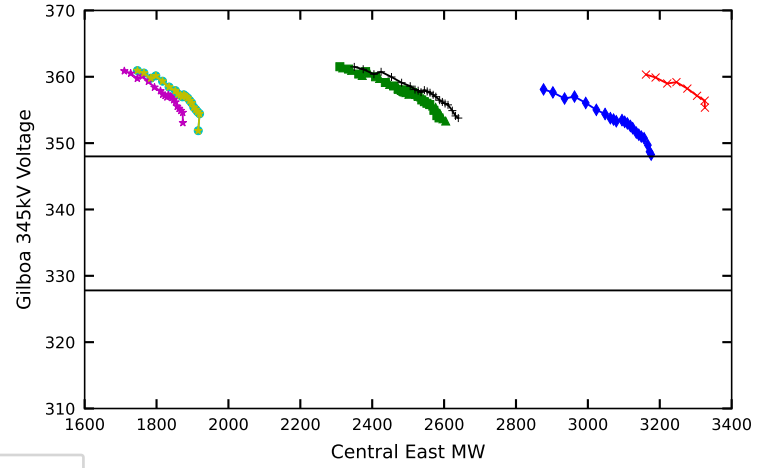
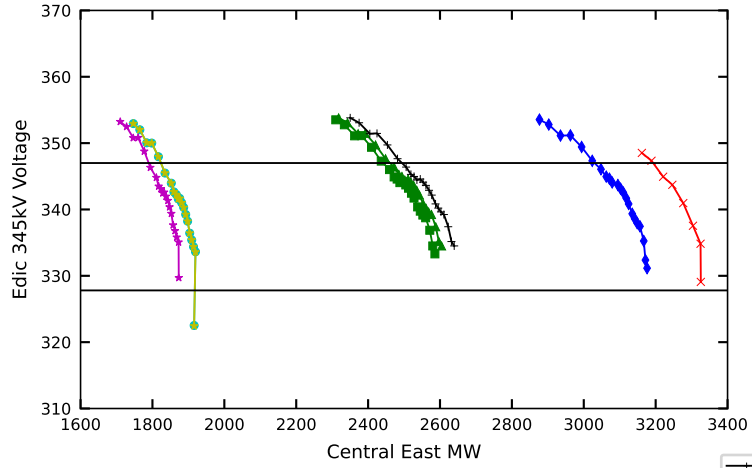
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A Figure 1



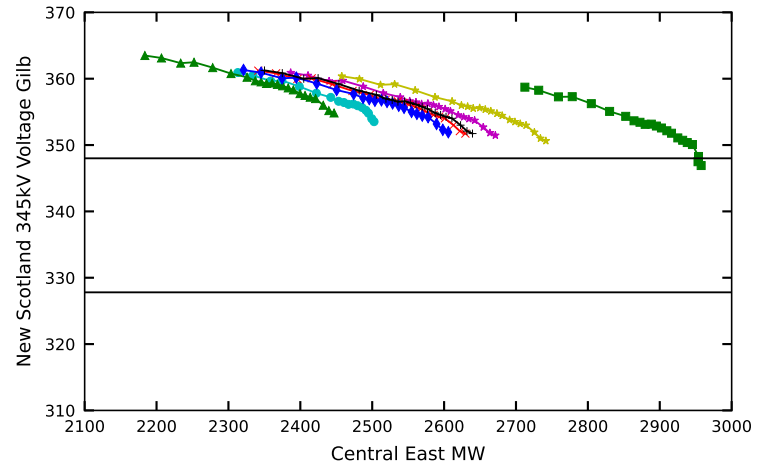
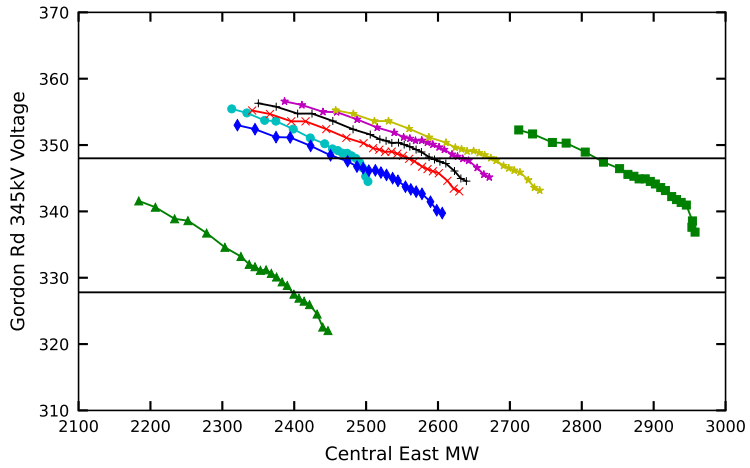
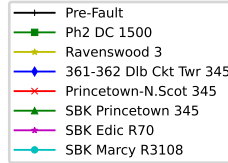
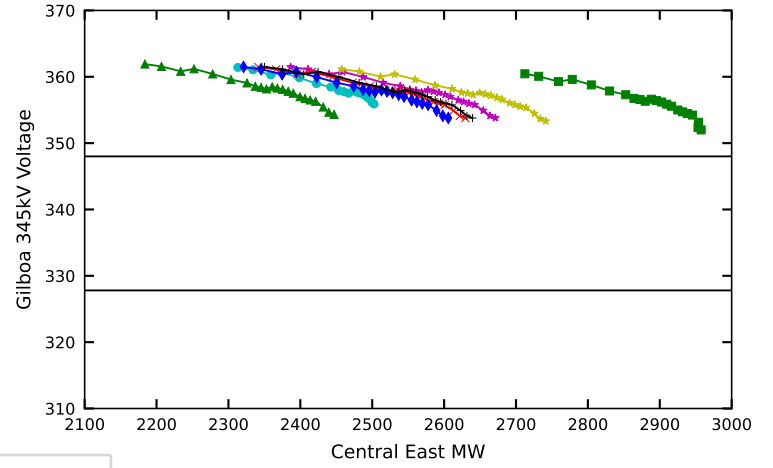
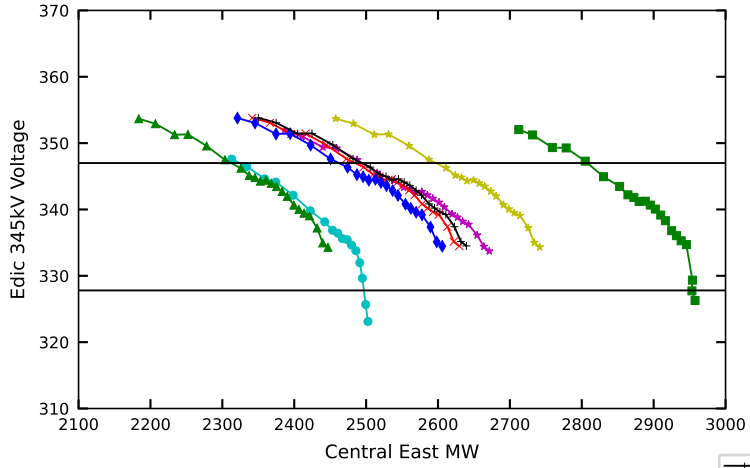
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A Figure 2



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A Figure 1



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2350	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2374	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2404	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2424	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2453	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2481	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2505	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2519	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2527	t9	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2535	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2545	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2552	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2560	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2569	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2576	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2587	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2595	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2602	t1	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0
	8															
2610	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	9															
2622	t2	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	0															
2631	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	1															
2639	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	2															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\1A\Sum2023_CEVC_PH2_00_1A.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Interface: Central East

	t 1	t 2	t 3	t 4	t 5	t 6	t 7	t 8	t 9	t1 0	t1 1	t1 2	t1 3	t1 4	t1 5	t1 6	t1 7	t1 8	t1 9	t2 0	t2 1	t2 2	
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princeton 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princeton-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-06-2023 11:14

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\1A\Sum2023_CEVC_PH2_00_1A.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Interface: Central East

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\1A\Sum2023_CEVC_PH2_00_1A.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
-49688 <E	Sprain Brook 345kV Voltage	Pre-Fault	42754.4	NA	348	-49688
2393	limit with 5% margin	Marcy South N.	NA	NA	NA	3159
2465	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2377
2479	Marcy 345kV Voltage	Pre-Fault	13.5	NA	348	2479
2480	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1823
2480	limit with 5% margin	SBK Edic R945	NA	NA	NA	1823
2481 >E	Dunwoodie 345kV Voltage	Pre-Fault	45.9	NA	348	2481
2484	Pannell Road 345kV Voltage	Pre-Fault	36.5	NA	346	2484
2488	Clay 345kV Voltage	Pre-Fault	21.6	NA	345	2488
2489	Station 80 345kV Voltage	Pre-Fault	37.8	NA	346	2489
2491	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1779
2491	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2806
2494	Edic 345kV Voltage	Pre-Fault	19.0	NA	347	2494
2507	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2474
2507	limit with 5% margin	Marcy South S.	NA	NA	NA	3017
2507	limit with 5% margin	Volney-Marcy	NA	NA	NA	2456
2507	limit with 5% margin	SBK Edic R70	NA	NA	NA	2537
2507	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2324
2507	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2498
2507	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2475
2507	limit with 5% margin	Ravenswood 3	NA	NA	NA	2604
2515	Clay 345kV Voltage	Marcy South N.	2.2	327.8	343.6	3325
2522 >E	Edic 345kV Voltage	Marcy South N.	2.3	327.8	345.0	3325
2523 >E	Marcy 345kV Voltage	Marcy South N.	2.3	327.8	345.1	3325
2542 >E	Pannell Road 345kV Voltage	Marcy South N.	3.7	327.8	343.5	3326
2555 >E	Gordon Rd 345kV Voltage	Marcy South N.	4.7	327.8	348.9	3327
2557 >E	Station 80 345kV Voltage	Marcy South N.	4.6	327.8	343.5	3327
2567 >E	Oakdale 345kV Voltage	Marcy South N.	3.7	320	347.7	3328
2577	Clay 345kV Voltage	SBK Marcy R3108	2.3	327.8	340.5	2494
2581	Edic 345kV Voltage	SBK Marcy R3108	2.7	327.8	341.5	2496
2585	Gordon Rd 345kV Voltage	SBK Princetown 345	8.2	327.8	348.3	2397
2591	Gordon Rd 345kV Voltage	Pre-Fault	20.9	NA	348	2591
2611	Millwood 345kV Voltage	Pre-Fault	39.9	NA	348	2611
2611 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	4.2	327.8	341.1	2509
2623 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	2.3	327.8	336.1	1873
2626 >E	Clay 345kV Voltage	Ph2 DC 1500	2.4	327.8	335.8	2956
2626 >E	Edic 345kV Voltage	Ph2 DC 1500	2.2	327.8	336.9	2956
2627 >E	Marcy 345kV Voltage	Ph2 DC 1500	2.2	327.8	336.9	2956
2627 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	2.2	327.8	336.7	1873

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2629 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.2	327.8	336.6	1873
2632 >E	Station 80 345kV Voltage	SBK Marcy R3108	5.5	327.8	341.6	2518
2637	Clay 345kV Voltage	Volney-Marcy	5.6	327.8	333.7	2584
2642 >E	New Scotland 345kV Voltage Alps	Marcy South N.	6.4	327.8	351.5	3332
2642 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	6.4	327.8	351.5	3332
2650 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	337.6	1874
2654 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	4.0	327.8	337.2	2976
2655 >E	Clay 345kV Voltage	SBK Edic R945	10.1	327.8	335.6	1949
2656 >E	Clay 345kV Voltage	Marcy South S.	6.3	327.8	332.4	3185
2658 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	10.7	327.8	335.4	1951
2660 >E	Edic 345kV Voltage	Marcy South S.	6.3	327.8	332.7	3188
2663 >E	St.Lawrence 230kV Voltage	Marcy South N.	12.4	218.5	229.9	3333
2663 >E	Marcy 345kV Voltage	Marcy South S.	6.3	327.8	332.6	3190
2665 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	337.9	1874
2666 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.7	320	337.3	1874
2668 >E	Station 80 345kV Voltage	Ph2 DC 1500	4.8	327.8	337.6	2985
2669 >E	Marcy 345kV Voltage	SBK Edic R945	10.2	327.8	336.5	1959
2670 >E	Edic 345kV Voltage	SBK Edic R945	10.3	327.8	336.4	1959
2673 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	10.8	327.8	336.3	1961
2674 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	10.9	327.8	336.2	1962
2674 >E	Edic 345kV Voltage	Volney-Marcy	6.4	327.8	331.5	2613
2677 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.0	327.8	341.0	2991
2680 >E	Marcy 345kV Voltage	Volney-Marcy	6.5	327.8	331.1	2617
2683 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.0	320	341.3	2540
2685 >E	Buchanan North 345kV Voltage	Pre-Fault	55.0	NA	346	2685
2686 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.4	327.8	342.0	1875
2689 >E	Somerset 345kV Voltage	Marcy South N.	8.6	327.8	349.1	3335
2689 >E	Watercure 230kV Voltage	Marcy South N.	8.9	207	229.2	3335
2691 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.6	320	333.5	3002
2691 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	7.4	218.5	227.8	3002
2692 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.5	327.8	339.6	1875
2697 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.0	327.8	342.6	1876
2705 >E	Edic 345kV Voltage	SBK Edic R70	11.2	327.8	328.8	2736
2707 >E	Clay 345kV Voltage	SBK Edic R70	13.6	327.8	328.7	2737
2710 >E	Gordon Rd 345kV Voltage	Marcy South S.	10.9	327.8	340.8	3217
2712 >E	Clay 345kV Voltage	SBK Princetown 345	13.9	327.8	328.4	2515
2715 >E	Clay 345kV Voltage	Ravenswood 3	14.0	327.8	328.2	2815
2715 >E	Edic 345kV Voltage	SBK Princetown 345	11.7	327.8	328.0	2519
2715 >E	Edic 345kV Voltage	Ravenswood 3	11.7	327.8	328.0	2816
2717 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	11.7	327.8	327.8	2683

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2717 >E	New Scotland 345kV Voltage Alps	Pre-Fault	20.9	NA	348	2717
2717 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	20.9	NA	348	2717
2717 >E	Edic 345kV Voltage	Princetown-N.Scot 345	11.7	327.8	327.8	2707
2717 >E	Edic 345kV Voltage	N.Scot-Leeds 345	11.7	327.8	327.8	2681
2718 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	14.0	327.8	327.9	2684
2719 >E	Marcy 345kV Voltage	Ravenswood 3	11.7	327.8	327.8	2819
2719 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	11.7	327.8	327.8	2683
2719 >E	Marcy 345kV Voltage	SBK Edic R70	11.7	327.8	327.8	2749
2719 >E	Marcy 345kV Voltage	SBK Princetown 345	11.7	327.8	327.8	2522
2719 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	11.7	327.8	327.8	2708
2719 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	11.7	327.8	327.8	2684
2719 >E	Clay 345kV Voltage	N.Scot-Leeds 345	14.0	327.8	327.9	2683
2720 >E	Clay 345kV Voltage	Princetown-N.Scot 345	14.0	327.8	327.8	2709
2740 >E	Oakdale 345kV Voltage	Pre-Fault	16.2	NA	335	2740
2740 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	10.8	218.5	226.1	1877
2745 >E	Marcy 345kV Voltage	SBK Marcy R3108	12.0	327.8	327.8	2565
2750 >E	Rock Tavern 345kV Voltage	Pre-Fault	29.4	NA	348	2750
2751 >E	Pannell Road 345kV Voltage	Volney-Marcy	15.1	327.8	337.9	2672
2754 >E	Pleasant Valley 345kV Voltage	Pre-Fault	43.7	NA	348	2754
2758 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	9.8	327.8	340.0	2571
2760 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	6.7	327.8	341.2	3050
2760 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	6.7	327.8	341.2	3050
2762 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	7.1	327.8	336.8	3051
2769 >E	Fraser 345kV Voltage	Pre-Fault	13.0	NA	338	2769
2773 >E	Pannell Road 345kV Voltage	SBK Edic R945	16.0	327.8	336.1	2029
2777 >E	Gilboa 345kV Voltage	Pre-Fault	23.9	NA	348	2777
2783 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	17.0	327.8	335.7	2035
2789 >E	Oakdale 345kV Voltage	SBK Edic R945	9.2	320	333.2	2040
2790 >E	Coopers Corners 345kV Voltage	Pre-Fault	15.6	NA	338	2790
2796 >E	Pannell Road 345kV Voltage	Marcy South S.	17.8	327.8	337.6	3269
2797 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	9.6	320	332.6	2044
2798 >E	Fraser 345kV Voltage	Ph2 DC 1500	7.9	327.8	327.8	3077
2800 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	8.4	327.8	343.7	1879
2800 >E	Oakdale 345kV Voltage	Volney-Marcy	9.3	320	331.2	2710
2806 >E	Buchanan South 345kV Voltage	Pre-Fault	54.7	NA	346	2806
2807 >E	Somerset 345kV Voltage	SBK Marcy R3108	10.7	327.8	348.1	2592
2809 >E	Somerset 345kV Voltage	Ph2 DC 1500	9.2	327.8	343.3	3084
2815 >E	Station 80 345kV Voltage	SBK Edic R945	17.5	327.8	335.6	2058
2816 >E	Ramapo 500kV Voltage	Ph2 DC 1500	43.8	500	505.8	3090

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2820 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	7.8	327.8	340.7	1880
2823 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	27.9	500	505.7	1880
2827 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	18.4	327.8	335.3	2064
2836 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	8.5	327.8	334.7	1881
2836 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	8.5	327.8	334.7	1881
2841 >E	Leeds 345kV Voltage	Marcy South N.	11.7	327.8	348.4	3343
2843 >E	New Scotland 345kV Voltage Alps	Marcy South S.	13.0	327.8	342.0	3296
2843 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	13.0	327.8	342.0	3296
2843 >E	Oakdale 345kV Voltage	Marcy South S.	10.2	320	328.6	3297
2853 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	17.9	327.8	333.3	2817
2867 >E	Gilboa 345kV Voltage	Marcy South N.	12.7	327.8	344.7	3344
2877 >E	Gordon Rd 345kV Voltage	Volney-Marcy	14.1	327.8	332.0	2769
2884 >E	Fraser 345kV Voltage	SBK Edic R945	12.5	327.8	338.8	2104
2896 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	13.0	327.8	338.3	2110
2902 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	13.0	327.8	327.8	2864
2902 >E	Fraser 345kV Voltage	Marcy South S.	13.0	327.8	327.8	3331
2902 >E	Fraser 345kV Voltage	Volney-Marcy	13.0	327.8	327.8	2788
2902 >E	Fraser 345kV Voltage	SBK Edic R70	13.0	327.8	327.8	2928
2902 >E	Fraser 345kV Voltage	SBK Princetown 345	13.0	327.8	327.8	2696
2902 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	13.0	327.8	327.8	2891
2902 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	13.0	327.8	327.8	2866
2902 >E	Fraser 345kV Voltage	Ravenswood 3	13.0	327.8	327.8	2998
2904 >E	Gilboa 345kV Voltage	Ph2 DC 1500	11.1	327.8	334.7	3151
2905 >E	Station 80 345kV Voltage	Volney-Marcy	27.6	327.8	343.4	2790
2909 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	27.9	218.5	223.3	2635
2920 >E	Ramapo 345kV Voltage	Pre-Fault	52.3	NA	346	2920
2921 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	17.7	327.8	329.8	2883
2922 >E	Coopers Corners 345kV Voltage	Volney-Marcy	14.0	327.8	329.5	2803
2923 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	18.7	327.8	329.6	2912
2924 >E	Coopers Corners 345kV Voltage	Ravenswood 3	16.5	327.8	329.4	3020
2925 >E	Gordon Rd 345kV Voltage	Ravenswood 3	18.6	327.8	329.5	3021
2926 >E	Ramapo 500kV Voltage	Ravenswood 3	69.6	500	503.9	3022
2927 >E	Coopers Corners 345kV Voltage	SBK Edic R945	18.8	327.8	340.5	2134
2928 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	15.3	327.8	329.1	2721
2929 >E	Coopers Corners 345kV Voltage	SBK Edic R70	15.5	327.8	329.1	2954
2930 >E	Fraser 345kV Voltage	Marcy South N.	14.9	327.8	327.8	3348
2936 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	13.8	327.8	340.4	1885
2937 >E	Leeds 345kV Voltage	Pre-Fault	30.5	NA	345	2937
2940 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	19.5	327.8	340.1	2140

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2941 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	15.5	327.8	328.3	2903
2945 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	15.5	327.8	328.0	2908
2947 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	15.6	327.8	327.9	2936
2949 >E	St.Lawrence 230kV Voltage	Pre-Fault	69.2	NA	225	2949
2958 >E	Oakdale 345kV Voltage	SBK Princetown 345	15.8	320	321.6	2749
2962 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	15.1	207	237.9	1886
2967 >E	Oakdale 345kV Voltage	Ravenswood 3	16.1	320	321.0	3061
2968 >E	Gordon Rd 345kV Voltage	SBK Edic R70	19.0	327.8	327.3	2993
2973 >E	Niagara 345kV Voltage	Marcy South N.	16.5	327.8	353.6	3350
2978 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	16.1	320	320.3	2941
2979 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	16.1	320	320.2	2941
2979 >E	Oakdale 345kV Voltage	SBK Edic R70	16.1	320	320.2	3004
2981 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	16.2	320	320.1	2970
2983 >E	Niagara 230kV East Voltage	Marcy South N.	33.1	218.5	232.0	3351
2983 >E	Niagara 230kV West Voltage	Marcy South N.	33.1	218.5	232.0	3351
2989 >E	Ladentown 345kV Voltage	Pre-Fault	52.8	NA	346	2989
2993 >E	Fraser 345kV Voltage	SBK Marcy R3108	16.2	327.8	327.8	2670
3000 >E	Gilboa 345kV Voltage	Marcy South S.	17.6	327.8	338.7	3389
3020 >E	Station 80 345kV Voltage	Marcy South S.	35.4	327.8	344.8	3401
3026 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	16.8	327.8	337.4	2684
3026 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	16.8	327.8	337.4	2684
3028 >E	Roseton 345kV Voltage	Pre-Fault	46.1	NA	345	3028
3031 >E	St.Lawrence 230kV Voltage	Volney-Marcy	37.0	218.5	223.8	2888
3037 >E	St.Lawrence 230kV Voltage	Marcy South S.	36.6	218.5	223.7	3411
3051 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	17.1	327.8	332.1	2903
3051 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	17.1	327.8	332.1	2903
3051 >E	Pleasant Valley 345kV Voltage	Marcy South N.	23.2	327.8	342.4	3355
3051 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	17.7	327.8	336.0	3254
3065 >E	Watercure 230kV Voltage	SBK Marcy R3108	21.2	207	236.5	2701
3072 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	19.0	327.8	331.0	3033
3072 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	19.0	327.8	331.0	3033
3082 >E	Leeds 345kV Voltage	Marcy South S.	19.5	327.8	340.2	3438
3095 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	34.2	218.5	229.0	1891
3095 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	34.2	218.5	229.0	1891
3097 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	25.2	327.8	336.3	1891
3099 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	16.6	327.8	348.3	1891
3111 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	20.7	327.8	329.2	3202
3111 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	20.7	327.8	329.2	3202
3112 >E	Leeds 345kV Voltage	Ph2 DC 1500	17.6	327.8	327.8	3297

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3112 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	17.6	327.8	327.8	1891
3113 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	21.0	327.8	333.7	3298
3121 >E	Ramapo 500kV Voltage	Volney-Marcy	56.7	500	500.8	2957
3122 >E	Ramapo 500kV Voltage	SBK Marcy R3108	58.4	500	500.8	2725
3124 >E	Niagara 230kV East Voltage	Ph2 DC 1500	37.1	218.5	228.8	3305
3124 >E	Niagara 230kV West Voltage	Ph2 DC 1500	37.1	218.5	228.8	3305
3127 >E	Bowline 1 345kV Voltage	Pre-Fault	52.9	NA	345	3127
3128 >E	Niagara 345kV Voltage	Ph2 DC 1500	18.0	327.8	347.8	3308
3130 >E	Ramapo 500kV Voltage	Marcy South N.	69.4	500	505.2	3359
3131 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	20.8	327.8	328.2	3153
3131 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	20.8	327.8	328.2	3153
3140 >E	New Scotland 345kV Voltage Alps	Prinetown-N.Scot 345	21.0	327.8	327.8	3129
3140 >E	New Scotland 345kV Voltage Gilb	Prinetown-N.Scot 345	21.0	327.8	327.8	3129
3146 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	22.7	327.8	339.6	1892
3146 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	21.0	327.8	327.5	3108
3146 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	21.0	327.8	327.5	3108
3147 >E	Ramapo 500kV Voltage	SBK Prinetown 345	60.4	500	500.4	2929
3151 >E	Bowline 2 345kV Voltage	Pre-Fault	52.8	NA	345	3151
3154 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	31.4	327.8	326.6	2738
3154 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	60.8	500	500.3	3114
3157 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	28.8	327.8	335.0	3329
3162 >E	Ramapo 500kV Voltage	SBK Edic R70	61.4	500	500.1	3183
3165 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	61.4	500	500.1	3127
3165 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	24.0	327.8	325.2	2743
3168 >E	Ramapo 500kV Voltage	Prinetown-N.Scot 345	61.6	500	500.0	3157
3170 >E	Ramapo 500kV Voltage	Pre-Fault	61.7	NA	500	3170
3172 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	27.3	327.8	333.9	1893
3174 >E	Millwood 345kV Voltage	Ph2 DC 1500	27.5	327.8	333.9	3341
3175 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	32.8	327.8	326.5	2747
3178 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	25.8	327.8	336.0	1894
3181 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	31.9	327.8	332.8	3346
3182 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	32.1	327.8	332.7	3346
3185 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	32.2	327.8	332.7	1894
3187 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	23.3	327.8	331.1	1894
3188 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	32.6	327.8	332.6	1894
3195 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	23.4	327.8	340.1	1894
3198 >E	Gardenville 230kV Voltage	Marcy South N.	27.3	207	231.6	3363
3203 >E	Niagara 345kV Voltage	SBK Marcy R3108	21.5	327.8	353.4	2759

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3208 >E	Niagara 230kV East Voltage	SBK Marcy R3108	44.9	218.5	231.3	2761
3208 >E	Niagara 230kV West Voltage	SBK Marcy R3108	44.9	218.5	231.3	2761
3209 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	27.4	327.8	335.2	3365
3222 >E	Gilboa 345kV Voltage	Volney-Marcy	22.4	327.8	329.4	3035
3223 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	21.6	327.8	323.8	3001
3223 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	21.6	327.8	323.8	3001
3224 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	23.2	327.8	335.8	1895
3229 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	23.2	327.8	340.9	1896
3231 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	23.2	327.8	329.0	3190
3240 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	23.2	327.8	342.4	1896
3241 >E	Ramapo 500kV Voltage	SBK Edic R945	82.3	500	504.4	2346
3245 >E	Gilboa 345kV Voltage	Ravenswood 3	23.8	327.8	328.4	3334
3251 >E	Watercure 230kV Voltage	Ph2 DC 1500	27.5	207	242.5	3395
3255 >E	Watercure 230kV Voltage	Volney-Marcy	25.7	207	219.9	3060
3260 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	23.9	327.8	327.8	3248
3261 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	23.9	327.8	327.8	3222
3261 >E	Gilboa 345kV Voltage	SBK Edic R70	23.9	327.8	327.8	3280
3261 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	84.9	500	504.3	2355
3264 >E	Ramapo 345kV Voltage	Ph2 DC 1500	27.9	327.8	336.8	3404
3265 >E	Roseton 345kV Voltage	Ph2 DC 1500	24.7	327.8	334.5	3405
3275 >E	Gilboa 345kV Voltage	SBK Princetown 345	24.0	327.8	327.2	3050
3290 >E	Watercure 230kV Voltage	SBK Edic R945	29.6	207	219.6	2380
3293 >E	Ladentown 345kV Voltage	Ph2 DC 1500	27.5	327.8	337.9	3424
3300 >E	Coopers Corners 345kV Voltage	Marcy South N.	27.2	327.8	309.3	3368
3303 >E	Gilboa 345kV Voltage	SBK Marcy R3108	25.2	327.8	331.8	2801
3306 >E	Ramapo 500kV Voltage	Marcy South S.	81.5	500	497.8	3571
3327 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	31.1	207	218.9	2399
3329 >E	Rock Tavern 345kV Voltage	Volney-Marcy	28.5	327.8	328.4	3117
3332 >E	Rock Tavern 345kV Voltage	SBK Edic R70	29.4	327.8	328.2	3350
3333 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	29.2	327.8	328.2	3106
3335 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	29.2	327.8	328.1	3293
3335 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	27.4	327.8	338.5	3454
3340 >E	Somerset 345kV Voltage	SBK Edic R945	32.9	327.8	339.2	2413
3340 >E	Gilboa 345kV Voltage	SBK Edic R945	27.4	327.8	337.5	2413
3343 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	29.4	327.8	327.9	3303
3344 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	29.4	327.8	327.8	3332
3348 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	27.4	327.8	340.2	3463
3354 >E	Watercure 230kV Voltage	Marcy South S.	28.4	207	217.9	3599
3355 >E	Millwood 345kV Voltage	SBK Marcy R3108	37.0	327.8	326.1	2823

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3358 >E	Rock Tavern 345kV Voltage	Ravenswood 3	34.4	327.8	327.3	3444
3362 >E	Pleasant Valley 345kV Voltage	Marcy South S.	36.9	327.8	334.1	3604
3363 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	28.3	327.8	336.9	2423
3375 >E	St.Lawrence 230kV Voltage	Ravenswood 3	69.2	218.5	218.8	3461
3381 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	34.8	327.8	338.5	2435
3388 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	29.4	327.8	332.2	2446
3388 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	29.4	327.8	332.2	2446
3391 >E	Gordon Rd 345kV Voltage	SBK Edic R945	30.1	327.8	319.8	2447
3392 >E	Dunwoodie 345kV Voltage	Ravenswood 3	70.7	327.8	333.3	3478
3396 >E	Sprain Brook 345kV Voltage	Ravenswood 3	70.3	327.8	333.2	3481
3400 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	69.2	218.5	218.5	3387
3401 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	69.2	218.5	218.5	3361
3401 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	69.3	218.5	218.5	3359
3408 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	69.4	218.5	218.4	3177
3409 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	30.2	327.8	331.6	2454
3409 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	30.2	327.8	331.6	2454
3411 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	30.8	207	227.8	1902
3412 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	31.0	327.8	319.0	2456
3426 >E	Roseton 345kV Voltage	Marcy South N.	33.5	327.8	339.7	3375
3445 >E	St.Lawrence 230kV Voltage	SBK Edic R70	73.4	218.5	217.8	3460
3449 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	42.7	327.8	326.0	2863
3456 >E	Millwood 345kV Voltage	Marcy South N.	44.9	327.8	336.8	3377
3461 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	30.5	327.8	327.8	3418
3461 >E	Leeds 345kV Voltage	SBK Edic R70	30.5	327.8	327.8	3475
3461 >E	Leeds 345kV Voltage	SBK Princetown 345	30.5	327.8	327.8	3227
3461 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	30.5	327.8	327.8	3448
3461 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	30.5	327.8	327.8	3420
3461 >E	Leeds 345kV Voltage	Volney-Marcy	30.5	327.8	327.8	3219
3461 >E	Leeds 345kV Voltage	Ravenswood 3	30.5	327.8	327.8	3545
3476 >E	Gardenville 230kV Voltage	Ph2 DC 1500	32.7	207	227.3	3553
3489 >E	Millwood 345kV Voltage	Ravenswood 3	61.1	327.8	332.2	3572
3494 >E	Dunwoodie 345kV Voltage	Marcy South N.	53.4	327.8	335.3	3379
3496 >E	Watercure 230kV Voltage	Pre-Fault	49.2	NA	215	3496
3502 >E	Sprain Brook 345kV Voltage	Marcy South N.	53.5	327.8	335.3	3380
3519 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	41.5	327.8	325.6	2892
3521 >E	Buchanan North 345kV Voltage	Ravenswood 3	63.6	327.8	330.8	3603
3544 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	45.4	327.8	329.9	3626
3609 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	42.8	327.8	328.5	3564
3619 >E	Buchanan South 345kV Voltage	Ravenswood 3	61.4	327.8	331.2	3699

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3619 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	42.5	327.8	328.2	3341
3624 >E	Leeds 345kV Voltage	SBK Marcy R3108	35.7	327.8	327.8	2936
3632 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	43.7	327.8	327.9	3643
3638 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	43.8	327.8	327.8	3626
3643 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	43.9	327.8	327.7	3601
3655 >E	Buchanan South 345kV Voltage	Marcy South N.	49.8	327.8	336.5	3388
3666 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	54.2	327.8	328.2	3621
3674 >E	Buchanan North 345kV Voltage	SBK Edic R70	54.9	327.8	328.0	3685
3675 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	44.2	327.8	326.9	3431
3675 >E	Buchanan North 345kV Voltage	Volney-Marcy	54.0	327.8	328.0	3384
3685 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	55.0	327.8	327.8	3642
3685 >E	Buchanan North 345kV Voltage	SBK Princetown 345	54.7	327.8	327.8	3440
3685 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	55.0	327.8	327.8	3672
3686 >E	Gardenville 230kV Voltage	SBK Marcy R3108	42.5	207	232.1	2963
3700 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	45.8	327.8	327.3	2968
3711 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	55.2	327.8	328.2	3665
3725 >E	Millwood 345kV Voltage	SBK Edic R70	56.1	327.8	328.0	3735
3733 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	65.0	327.8	328.1	3688
3735 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	56.2	327.8	327.8	3721
3735 >E	Millwood 345kV Voltage	Volney-Marcy	55.6	327.8	327.8	3430
3735 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	65.6	327.8	328.1	3690
3737 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	56.2	327.8	327.7	3694
3740 >E	Buchanan North 345kV Voltage	Marcy South N.	58.0	327.8	333.7	3393
3744 >E	Rock Tavern 345kV Voltage	Marcy South N.	43.6	327.8	326.1	3393
3746 >E	Sprain Brook 345kV Voltage	SBK Edic R70	66.1	327.8	327.9	3755
3748 >E	Dunwoodie 345kV Voltage	SBK Edic R70	66.6	327.8	327.9	3757
3756 >E	Millwood 345kV Voltage	SBK Princetown 345	56.3	327.8	327.4	3507
3756 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	66.2	327.8	327.8	3743
3758 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	66.7	327.8	327.8	3744
3759 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	66.3	327.8	327.7	3716
3761 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	66.8	327.8	327.7	3718
3764 >E	Sprain Brook 345kV Voltage	Volney-Marcy	65.9	327.8	327.7	3453
3766 >E	Dunwoodie 345kV Voltage	Volney-Marcy	66.5	327.8	327.7	3455
3779 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	66.5	327.8	327.4	3530
3780 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	53.9	327.8	328.2	3734
3781 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	67.0	327.8	327.4	3532

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3793 >E	Buchanan South 345kV Voltage	SBK Edic R70	54.7	327.8	328.0	3801
3797 >E	Buchanan South 345kV Voltage	Volney-Marcy	54.0	327.8	327.9	3478
3798 >E	Roseton 345kV Voltage	Ravenswood 3	50.2	327.8	328.3	3875
3802 >E	Buchanan South 345kV Voltage	Princeton-N.Scot 345	54.7	327.8	327.8	3789
3804 >E	Roseton 345kV Voltage	Volney-Marcy	45.1	327.8	328.2	3484
3804 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	54.7	327.8	327.8	3761
3805 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	45.6	327.8	328.2	3759
3813 >E	Roseton 345kV Voltage	SBK Edic R70	46.1	327.8	328.0	3820
3815 >E	Buchanan South 345kV Voltage	SBK Princetown 345	54.7	327.8	327.6	3563
3821 >E	Rock Tavern 345kV Voltage	SBK Edic R945	51.6	327.8	337.7	2739
3822 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	46.1	327.8	327.8	3809
3823 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	46.1	327.8	327.8	3780
3828 >E	Watercure 230kV Voltage	SBK Princetown 345	47.5	207	208.3	3576
3831 >E	Roseton 345kV Voltage	SBK Princetown 345	46.1	327.8	327.6	3579
3836 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	48.3	327.8	324.3	3026
3836 >E	St.Lawrence 230kV Voltage	SBK Edic R945	105.8	218.5	230.6	2749
3850 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	51.6	327.8	328.2	3803
3854 >E	Ramapo 345kV Voltage	Volney-Marcy	51.2	327.8	328.1	3522
3856 >E	Watercure 230kV Voltage	Ravenswood 3	48.9	207	207.7	3931
3858 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	53.2	327.8	337.2	2754
3858 >E	Ramapo 345kV Voltage	SBK Edic R70	52.2	327.8	328.0	3865
3861 >E	Ramapo 345kV Voltage	SBK Princetown 345	51.9	327.8	328.0	3607
3869 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	52.2	327.8	327.8	3825
3870 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	52.2	327.8	327.8	3856
3876 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	48.8	207	207.3	3832
3879 >E	Watercure 230kV Voltage	SBK Edic R70	48.9	207	207.2	3885
3879 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	48.9	207	207.2	3832
3885 >E	Watercure 230kV Voltage	Princeton-N.Scot 345	49.1	207	207.1	3872
3891 >E	Ramapo 345kV Voltage	Ravenswood 3	64.3	327.8	327.4	3966
3925 >E	Ladentown 345kV Voltage	Ravenswood 3	63.4	327.8	328.3	3999
3926 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	52.1	327.8	328.2	3879
3934 >E	Ladentown 345kV Voltage	Volney-Marcy	51.8	327.8	328.1	3584
3935 >E	Roseton 345kV Voltage	Marcy South S.	50.5	327.8	325.3	3943
3938 >E	Ladentown 345kV Voltage	SBK Edic R70	52.7	327.8	328.0	3943
3945 >E	Ladentown 345kV Voltage	SBK Princetown 345	52.5	327.8	327.9	3687
3949 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	52.8	327.8	327.8	3904

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3949 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	52.8	327.8	327.8	3935
4006 >E	Millwood 345kV Voltage	Marcy South S.	70.4	327.8	323.0	3985
4009 >E	Ramapo 345kV Voltage	SBK Marcy R3108	57.6	327.8	324.5	3099
4014 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	52.2	327.8	328.3	3965
4022 >E	Bowline 1 345kV Voltage	Volney-Marcy	52.0	327.8	328.1	3652
4024 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	122.0	218.5	230.6	2865
4026 >E	Bowline 1 345kV Voltage	SBK Edic R70	52.9	327.8	328.0	4029
4032 >E	Bowline 1 345kV Voltage	SBK Princetown 345	52.6	327.8	327.9	3770
4035 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	52.1	327.8	328.3	3986
4035 >E	Dunwoodie 345kV Voltage	Marcy South S.	83.0	327.8	323.6	4003
4036 >E	Pannell Road 345kV Voltage	SBK Princetown 345	133.5	327.8	329.5	3773
4037 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	52.9	327.8	327.8	3991
4037 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	52.9	327.8	327.8	4023
4042 >E	Bowline 1 345kV Voltage	Ravenswood 3	64.1	327.8	327.7	4113
4043 >E	Bowline 2 345kV Voltage	Volney-Marcy	51.9	327.8	328.1	3668
4047 >E	Bowline 2 345kV Voltage	SBK Edic R70	52.7	327.8	328.0	4050
4048 >E	Sprain Brook 345kV Voltage	Marcy South S.	83.0	327.8	323.4	4011
4049 >E	Pannell Road 345kV Voltage	SBK Edic R70	135.6	327.8	329.4	4052
4054 >E	Bowline 2 345kV Voltage	SBK Princetown 345	52.5	327.8	327.9	3791
4055 >E	Ladentown 345kV Voltage	SBK Marcy R3108	56.6	327.8	323.6	3118
4059 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	52.8	327.8	327.8	4013
4059 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	52.8	327.8	327.8	4045
4065 >E	Bowline 2 345kV Voltage	Ravenswood 3	63.8	327.8	327.7	4135
4077 >E	Roseton 345kV Voltage	SBK Marcy R3108	55.2	327.8	325.8	3128
4131 >E	Coopers Corners 345kV Voltage	Marcy South S.	37.3	327.8	251.8	4060
4150 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	54.0	327.8	327.8	2949
4150 >E	Leeds 345kV Voltage	SBK Edic R945	54.0	327.8	327.8	2961
4186 >E	Ramapo 345kV Voltage	Marcy South N.	64.7	327.8	332.0	3417
4222 >E	Rock Tavern 345kV Voltage	Marcy South S.	52.3	327.8	298.0	4114
4233 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	147.7	327.8	328.2	4186
4242 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	148.3	327.8	328.2	4191
4264 >E	Ladentown 345kV Voltage	Marcy South N.	65.3	327.8	334.3	3422
4275 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	150.9	327.8	328.0	4260
4315 >E	Buchanan North 345kV Voltage	SBK Edic R945	89.0	327.8	334.8	3073
4316 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	62.9	327.8	320.6	3229
4332 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	62.5	327.8	323.2	3235
4355 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	91.0	327.8	334.5	3087
4366 >E	Buchanan South 345kV Voltage	Marcy South S.	78.8	327.8	317.5	4199

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4467 >E	Pannell Road 345kV Voltage	Ravenswood 3	174.6	327.8	326.7	4529
4517 >E	Ramapo 345kV Voltage	SBK Edic R945	81.3	327.8	337.6	3210
4535 >E	Buchanan North 345kV Voltage	Marcy South S.	90.3	327.8	312.4	4299
4563 >E	Bowline 1 345kV Voltage	Marcy South N.	72.5	327.8	334.5	3438
4569 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	83.5	327.8	337.2	3230
4570 >E	Niagara 345kV Voltage	SBK Edic R945	66.7	327.8	343.0	3246
4579 >E	Niagara 230kV East Voltage	SBK Edic R945	139.5	218.5	226.7	3251
4579 >E	Niagara 230kV West Voltage	SBK Edic R945	139.5	218.5	226.7	3251
4581 >E	Bowline 2 345kV Voltage	Marcy South N.	72.0	327.8	334.7	3439
4655 >E	Buchanan South 345kV Voltage	SBK Edic R945	93.6	327.8	334.8	3303
4665 >E	Millwood 345kV Voltage	SBK Edic R945	100.8	327.8	333.0	3310
4675 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	84.2	327.8	330.0	3317
4687 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	70.7	327.8	342.1	3309
4690 >E	Ladentown 345kV Voltage	SBK Edic R945	83.5	327.8	338.4	3326
4696 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	95.4	327.8	334.5	3315
4701 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	85.3	327.8	329.7	3318
4701 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	148.2	218.5	226.3	3319
4701 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	148.2	218.5	226.3	3319
4702 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	102.6	327.8	332.8	3319
4733 >E	Sprain Brook 345kV Voltage	SBK Edic R945	120.0	327.8	332.0	3356
4741 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	85.6	327.8	338.0	3345
4749 >E	Dunwoodie 345kV Voltage	SBK Edic R945	121.5	327.8	331.9	3367
4768 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	122.0	327.8	331.8	3363
4784 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	123.5	327.8	331.7	3374
4804 >E	Gardenville 230kV Voltage	Volney-Marcy	83.2	207	223.5	4255
4807 >E	Roseton 345kV Voltage	SBK Edic R945	83.4	327.8	333.7	3406
4817 >E	Bowline 1 345kV Voltage	SBK Edic R945	83.3	327.8	339.1	3413
4848 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	85.0	327.8	333.3	3417
4854 >E	Bowline 2 345kV Voltage	SBK Edic R945	83.2	327.8	340.7	3438
4871 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	85.3	327.8	338.7	3432
4910 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	85.3	327.8	340.3	3458
4922 >E	Gardenville 230kV Voltage	Marcy South S.	88.8	207	223.0	4528
5400 >E	Rainey 345kV Voltage	Ph2 DC 1500	103.8	327.8	335.8	4903
5428 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	104.7	327.8	335.7	1979
5435 >E	Ramapo 345kV Voltage	Marcy South S.	106.2	327.8	297.9	4832
5443 >E	Farragut 345kV Voltage	Ph2 DC 1500	107.6	327.8	335.7	4933
5469 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	108.4	327.8	335.5	1980
5486 >E	Gardenville 230kV Voltage	SBK Edic R945	110.9	207	221.5	3865
5520 >E	Ladentown 345kV Voltage	Marcy South S.	107.3	327.8	298.1	4882
5665 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	117.8	207	220.7	3964
5762 >E	Rainey 345kV Voltage	SBK Marcy R3108	117.8	327.8	325.8	3839

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5846 >E	Farragut 345kV Voltage	SBK Marcy R3108	123.4	327.8	325.8	3874
6050 >E	Rainey 345kV Voltage	Pre-Fault	208.2	NA	338	6050
6060 >E	Farragut 345kV Voltage	Pre-Fault	215.7	NA	338	6060
6078 >E	Bowline 1 345kV Voltage	Marcy South S.	121.2	327.8	289.3	5213
6088 >E	Bowline 2 345kV Voltage	Marcy South S.	119.8	327.8	289.4	5219
6231 >E	Gardenville 230kV Voltage	Pre-Fault	217.9	NA	217	6231
6268 >E	Rainey 345kV Voltage	Ravenswood 3	175.8	327.8	337.0	6290
6369 >E	Goethals 345kV Voltage	Ph2 DC 1500	145.0	327.8	335.6	5583
6419 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	146.7	327.8	335.3	2016
6479 >E	Farragut 345kV Voltage	Ravenswood 3	185.3	327.8	336.1	6496
6951 >E	Goethals 345kV Voltage	SBK Marcy R3108	167.9	327.8	325.8	4340
7207 >E	Goethals 345kV Voltage	Pre-Fault	294.2	NA	338	7207
7214 >E	Rainey 345kV Voltage	Marcy South N.	173.7	327.8	338.9	3585
7294 >E	Farragut 345kV Voltage	Marcy South N.	180.3	327.8	338.6	3589
8036 >E	Gardenville 230kV Voltage	SBK Princetown 345	205.2	207	208.7	7574
8077 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	204.7	327.8	328.3	7989
8158 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	211.9	327.8	328.3	8069
8162 >E	Rainey 345kV Voltage	SBK Edic R70	208.0	327.8	327.9	8079
8178 >E	Rainey 345kV Voltage	Volney-Marcy	207.9	327.8	327.8	6857
8179 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	208.4	327.8	327.8	8153
8186 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	208.6	327.8	327.7	8105
8208 >E	Goethals 345kV Voltage	Ravenswood 3	254.4	327.8	334.6	8187
8217 >E	Rainey 345kV Voltage	SBK Princetown 345	209.1	327.8	327.6	7746
8247 >E	Farragut 345kV Voltage	SBK Edic R70	215.5	327.8	327.9	8162
8259 >E	Farragut 345kV Voltage	Volney-Marcy	215.1	327.8	327.8	6919
8265 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	215.9	327.8	327.8	8238
8277 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	216.2	327.8	327.7	8196
8299 >E	Farragut 345kV Voltage	SBK Princetown 345	216.4	327.8	327.6	7823
8327 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	215.0	207	207.4	8245
8329 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	215.1	207	207.4	8238
8339 >E	Gardenville 230kV Voltage	SBK Edic R70	216.1	207	207.3	8252
8383 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	217.0	207	207.1	8356
8956 >E	Goethals 345kV Voltage	Marcy South N.	247.2	327.8	338.3	3681
9237 >E	Gardenville 230kV Voltage	Ravenswood 3	250.4	207	203.2	9194
9540 >E	Rainey 345kV Voltage	Marcy South S.	259.1	327.8	321.2	7264
9641 >E	Farragut 345kV Voltage	Marcy South S.	268.2	327.8	321.4	7324
10067 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	288.8	327.8	328.3	9959

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
10191 >E	Goethals 345kV Voltage	SBK Edic R70	293.9	327.8	327.9	10066
10199 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	293.9	327.8	327.8	10167
10213 >E	Goethals 345kV Voltage	Volney-Marcy	293.9	327.8	327.8	8426
10219 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	294.6	327.8	327.8	10122
10246 >E	Goethals 345kV Voltage	SBK Princetown 345	294.9	327.8	327.7	9673
12041 >E	Goethals 345kV Voltage	Marcy South S.	364.9	327.8	321.6	8746
12416 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	767.7	131.1	133.8	2243
12685 >E	Rainey 345kV Voltage	SBK Edic R945	375.2	327.8	334.5	8738
12827 >E	Farragut 345kV Voltage	SBK Edic R945	388.2	327.8	334.3	8834
12857 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	381.6	327.8	334.1	8777
12992 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	394.5	327.8	334.0	8867
13540 >E	Northport 138kV Voltage	Ph2 DC 1500	856.9	131.1	132.6	10618
16321 >E	Goethals 345kV Voltage	SBK Edic R945	528.9	327.8	334.5	11198
16568 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	538.4	327.8	334.2	11260
17934 >E	Northport 138kV Voltage	Pre-Fault	1732.9	NA	135	17934
18584 >E	Northport 138kV Voltage	Marcy South N.	1265.8	131.1	135.5	4214
24464 >E	Northport 138kV Voltage	N.Scot-Leeds 345	1715.2	131.1	131.2	24214
24609 >E	Northport 138kV Voltage	SBK Edic R70	1727.0	131.1	131.1	24185
24693 >E	Northport 138kV Voltage	Princetown-N.Scot 345	1732.9	131.1	131.1	24616
24706 >E	Northport 138kV Voltage	Volney-Marcy	1732.9	131.1	131.1	19603
24771	Northport 138kV Voltage	361-362 Dlb Ckt Twr	1738.9	131.1	131.1	24550

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E		345				
24941	Northport 138kV Voltage	SBK Princetown 345	1751.0	131.1	131.0	23633
>E						
26609	Northport 138kV Voltage	Ravenswood 3	1924.7	131.1	130.0	26184
>E						
31657	Northport 138kV Voltage	Marcy South S.	2281.8	131.1	127.1	20367
>E						
46304	Northport 138kV Voltage	SBK Edic R945	3422.4	131.1	134.7	31490
>E						
46868	Northport 138kV Voltage	Edic-Gordon Rd. 345	3466.5	131.1	134.6	31539
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Niagara 230kV East Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	Niagara 230kV East Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Marcy South S.	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Volney-Marcy	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Edic R70	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\1A\Sum2023_CEVC_PH2_00_1A.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998	Niagara 230kV East Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	Niagara 230kV West Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Marcy South S.	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Volney-Marcy	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Edic R70	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
>E						
99998	Station 80 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

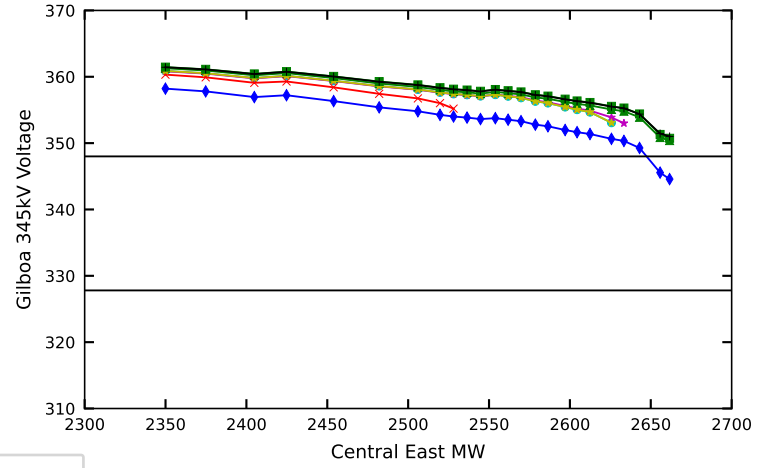
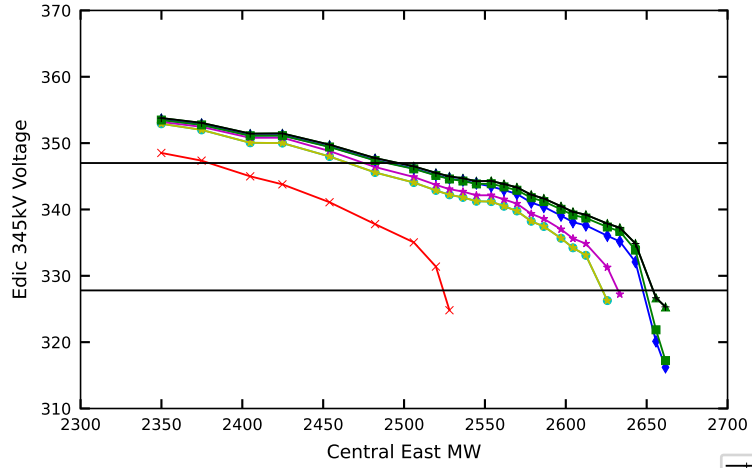
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\1A\Sum2023_CEVC_PH2_00_1A.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 1A

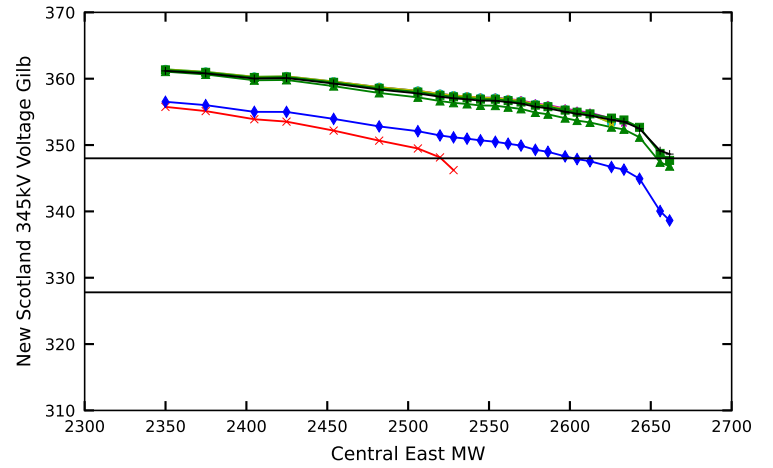
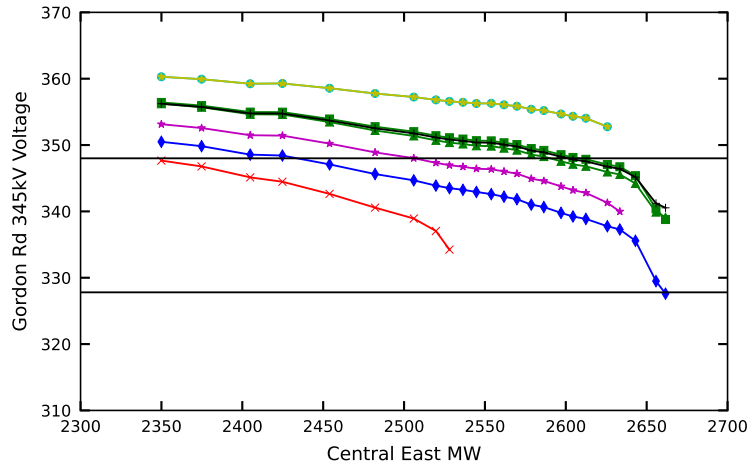
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

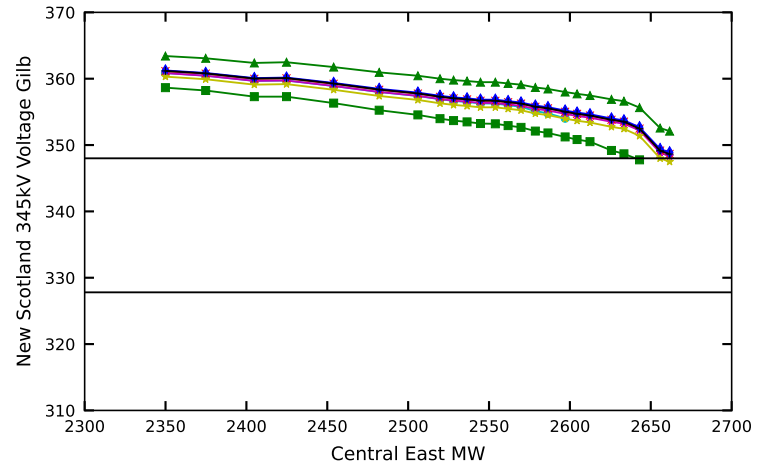
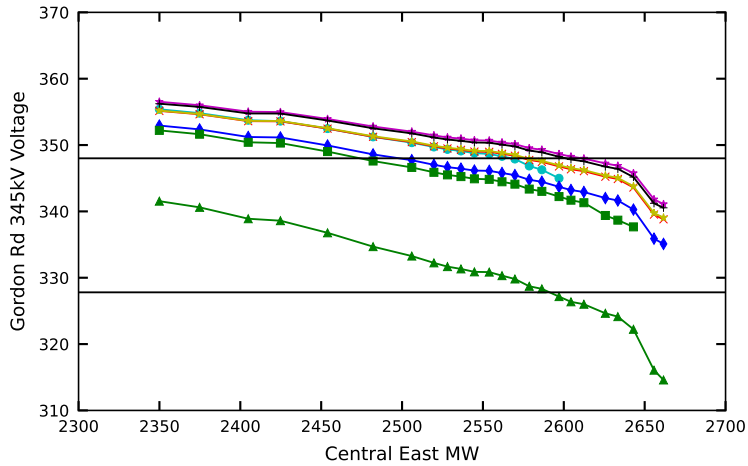
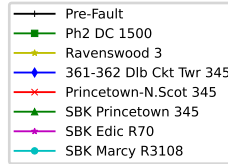
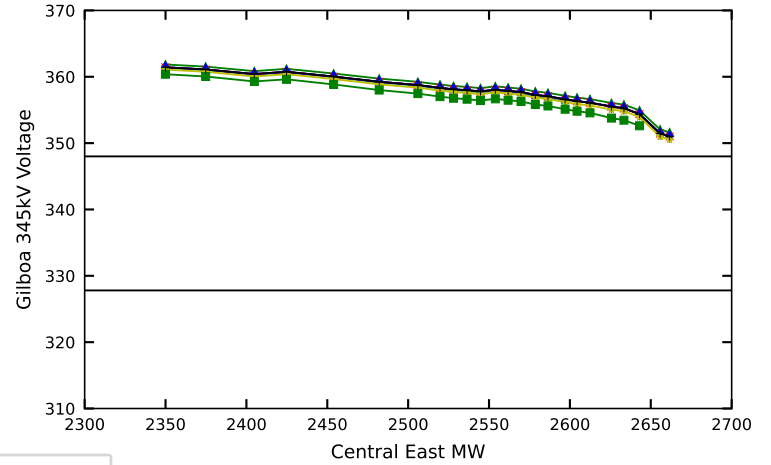
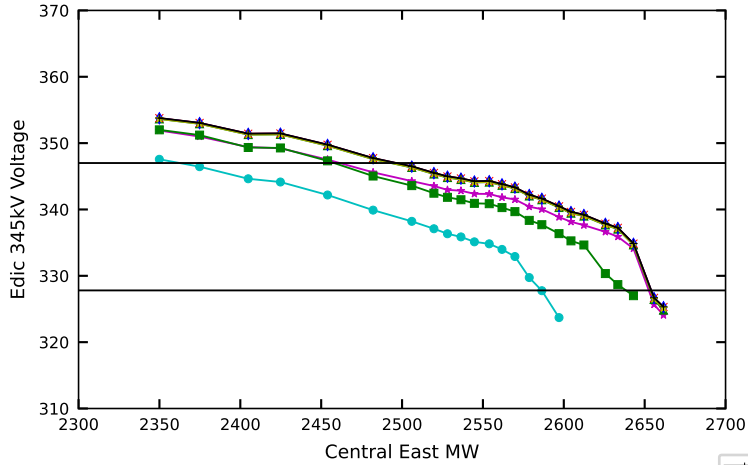
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A Figure 1



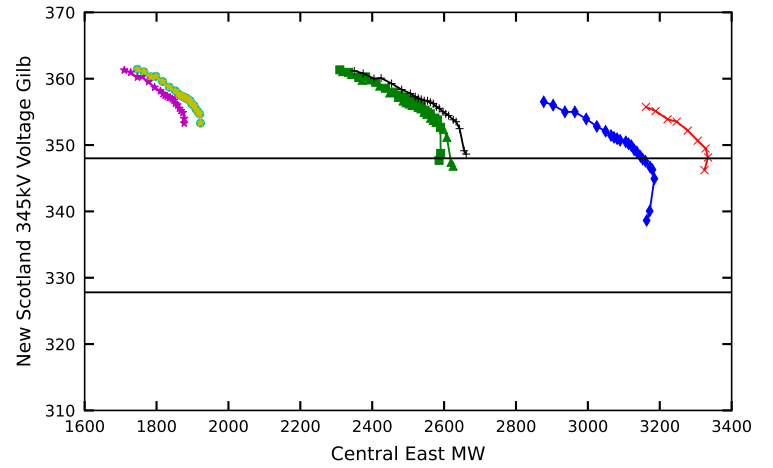
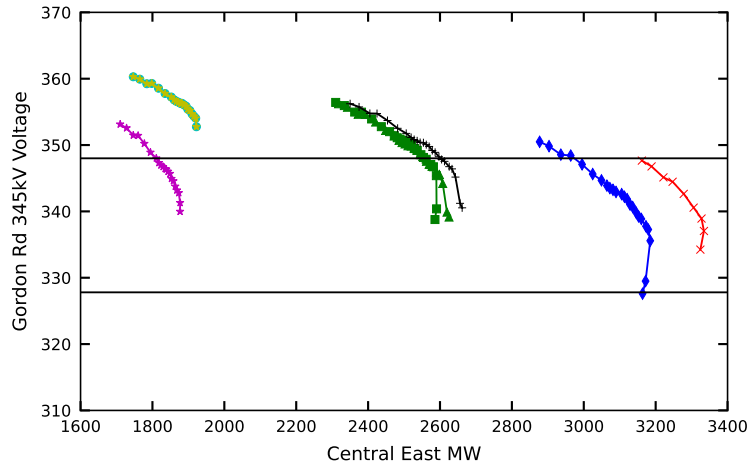
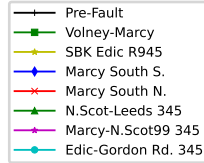
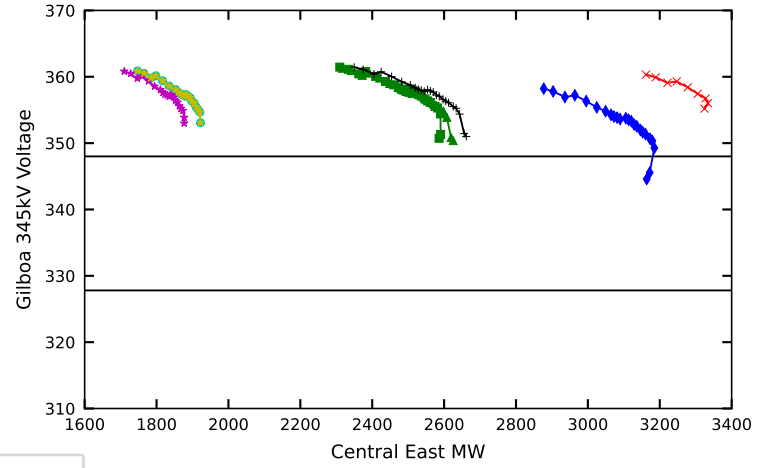
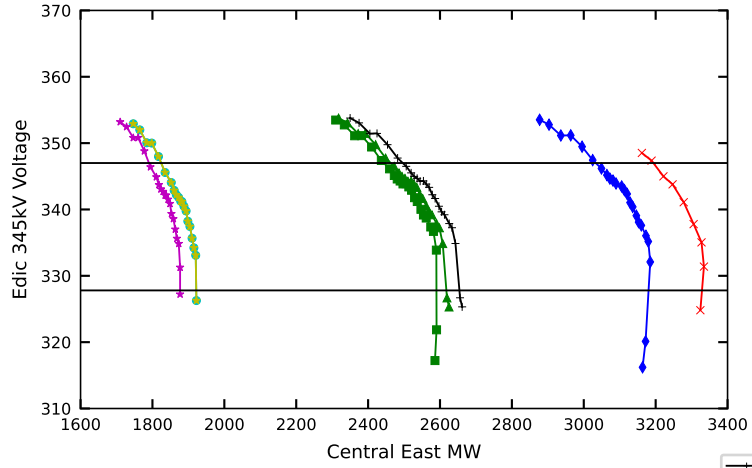
- +— Pre-Fault
- Volney-Marcy
- SBK Edic R945
- ◆— Marcy South S.
- ×— Marcy South N.
- ▲— N.Scot-Leeds 345
- *— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



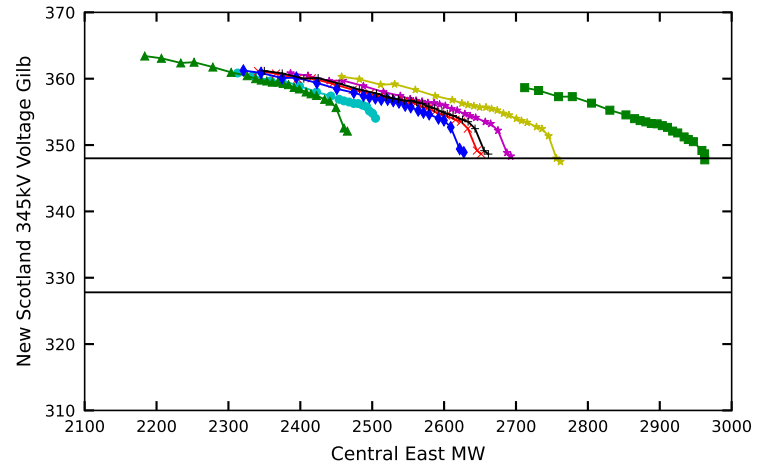
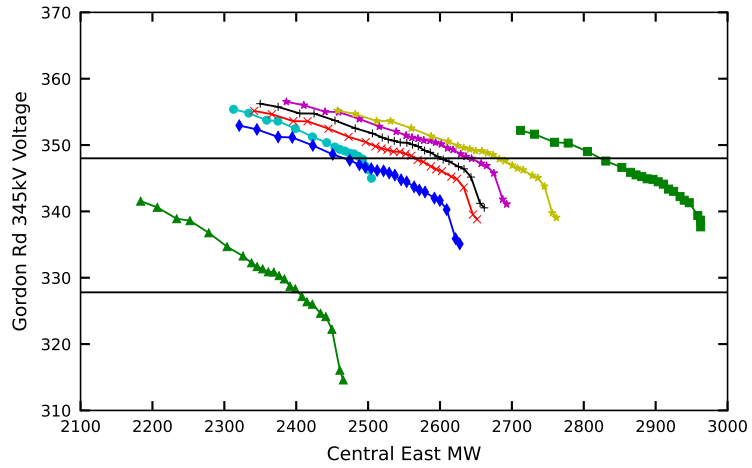
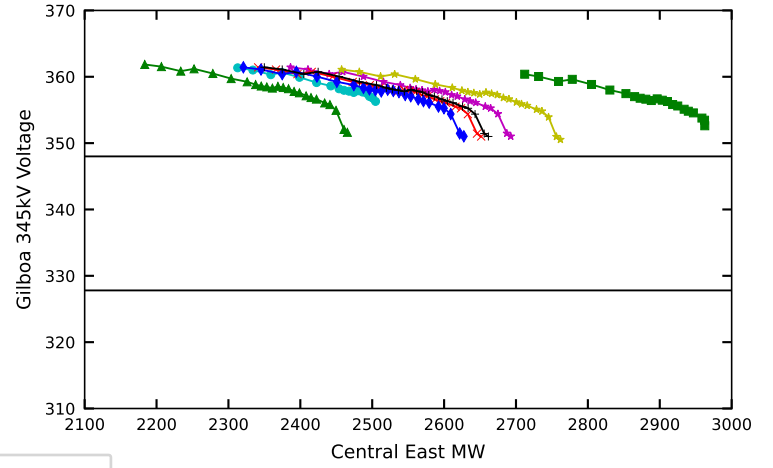
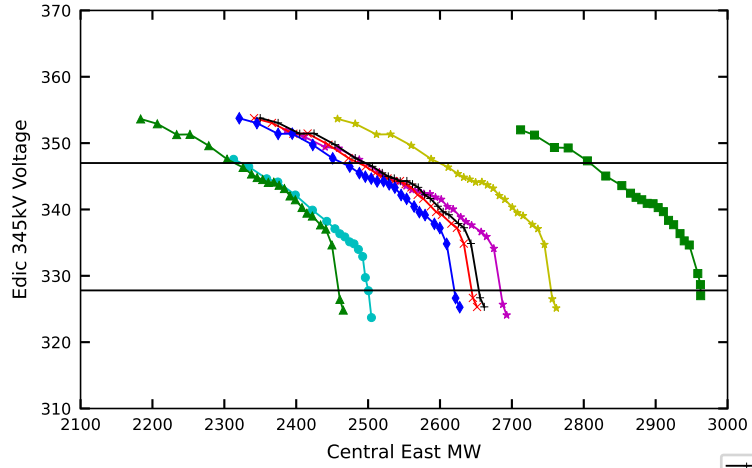
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A Figure 2



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A Figure 1



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2349	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2374	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2404	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2424	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2453	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2482	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2506	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2519	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2528	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2536	t1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	0															
2544	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2553	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2561	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2569	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2578	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2586	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2597	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2604	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	8															
2612	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	9															
2625	t2	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	0															
2633	t2	0	2	0	0	2	0	2	0	2	0	0	0	0	0	0
	1															
2643	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	2															
2655	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	3															
2661	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	4															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Ravensw

ood 3

log15) 0 2 2

Ph2 DC

1500

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2393	limit with 5% margin	Marcy South N.	NA	NA	NA	3167
2467	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2379
2480	Marcy 345kV Voltage	Pre-Fault	13.9	NA	348	2480
2486	Pannell Road 345kV Voltage	Pre-Fault	35.5	NA	346	2486
2489	Clay 345kV Voltage	Pre-Fault	21.2	NA	345	2489
2491	Station 80 345kV Voltage	Pre-Fault	36.8	NA	346	2491
2494	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1826
2494	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1783
2494	limit with 5% margin	SBK Edic R945	NA	NA	NA	1826
2496	Edic 345kV Voltage	Pre-Fault	19.2	NA	347	2496
2510	limit with 5% margin	Marcy South S.	NA	NA	NA	3025
2510	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2814
2512 >E	Dunwoodie 345kV Voltage	Pre-Fault	41.4	NA	348	2512
2517 >E	Sprain Brook 345kV Voltage	Pre-Fault	41.2	NA	348	2517
2522 >E	Clay 345kV Voltage	Marcy South N.	3.8	327.8	343.4	3335
2522	limit with 5% margin	Volney-Marcy	NA	NA	NA	2460
2528	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2493
2528	limit with 5% margin	SBK Edic R70	NA	NA	NA	2558
2528	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2342
2528	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2518
2528	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2496
2528	limit with 5% margin	Ravenswood 3	NA	NA	NA	2623
2533 >E	Edic 345kV Voltage	Marcy South N.	3.7	327.8	344.5	3340
2535 >E	Marcy 345kV Voltage	Marcy South N.	3.8	327.8	344.5	3341
2568 >E	Pannell Road 345kV Voltage	Marcy South N.	6.3	327.8	343.2	3358
2579	Clay 345kV Voltage	SBK Marcy R3108	3.4	327.8	340.5	2496
2586	Edic 345kV Voltage	SBK Marcy R3108	3.9	327.8	341.7	2500
2587 >E	Gordon Rd 345kV Voltage	Marcy South N.	7.3	327.8	348.1	3367
2591	Gordon Rd 345kV Voltage	SBK Princetown 345	9.1	327.8	348.6	2402
2593 >E	Station 80 345kV Voltage	Marcy South N.	7.6	327.8	342.8	3370
2601	Gordon Rd 345kV Voltage	Pre-Fault	17.8	NA	348	2601
2603 >E	Oakdale 345kV Voltage	Marcy South N.	5.8	320	346.8	3375
2613 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.7	327.8	341.0	2511
2619	Clay 345kV Voltage	Edic-Gordon Rd. 345	1.9	327.8	337.1	1921
2619	Clay 345kV Voltage	SBK Edic R945	1.9	327.8	337.1	1921
2622	Marcy 345kV Voltage	Edic-Gordon Rd. 345	1.9	327.8	338.3	1921
2622	Marcy 345kV Voltage	SBK Edic R945	1.9	327.8	338.3	1921
2622	Edic 345kV Voltage	Edic-Gordon Rd. 345	1.9	327.8	338.2	1921
2622	Edic 345kV Voltage	SBK Edic R945	1.9	327.8	338.2	1921
2623	Millwood 345kV Voltage	Pre-Fault	62.8	NA	348	2623

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2630 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.6	327.8	341.1	2517
2633 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	336.1	1879
2636	Clay 345kV Voltage	Ph2 DC 1500	4.5	327.8	335.4	2962
2638	Edic 345kV Voltage	Ph2 DC 1500	5.8	327.8	336.0	2962
2638 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	336.6	1880
2640	Marcy 345kV Voltage	Ph2 DC 1500	6.0	327.8	335.6	2962
2641 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	336.4	1881
2643	Clay 345kV Voltage	Volney-Marcy	0.9	327.8	333.8	2589
2646 >E	Pannell Road 345kV Voltage	SBK Edic R945	3.8	327.8	340.3	1925
2646 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	340.3	1925
2649	Edic 345kV Voltage	Volney-Marcy	1.1	327.8	330.7	2590
2650	Marcy 345kV Voltage	Volney-Marcy	1.1	327.8	330.3	2590
2650	Clay 345kV Voltage	SBK Edic R70	1.4	327.8	328.8	2682
2651	Clay 345kV Voltage	SBK Princetown 345	1.5	327.8	328.5	2456
2651	Clay 345kV Voltage	Ravenswood 3	1.5	327.8	328.3	2752
2651	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	1.5	327.8	327.9	2617
2652	Clay 345kV Voltage	N.Scot-Leeds 345	1.5	327.8	327.9	2615
2652	Clay 345kV Voltage	Princetown-N.Scot 345	1.5	327.8	327.8	2642
2652	Edic 345kV Voltage	SBK Edic R70	1.5	327.8	328.7	2684
2653	Edic 345kV Voltage	SBK Princetown 345	1.5	327.8	328.0	2458
2653	Oakdale 345kV Voltage	Pre-Fault	1.6	NA	335	2653
2653	Edic 345kV Voltage	Ravenswood 3	1.5	327.8	328.0	2754
2653	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	1.6	327.8	327.9	2619
2654	Edic 345kV Voltage	Princetown-N.Scot 345	1.6	327.8	327.8	2643
2654	Edic 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	327.8	2617
2654	Marcy 345kV Voltage	SBK Edic R70	1.6	327.8	327.8	2685
2654	Marcy 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	327.8	2617
2654	Marcy 345kV Voltage	SBK Princetown 345	1.6	327.8	327.8	2459
2654	Marcy 345kV Voltage	Princetown-N.Scot 345	1.6	327.8	327.8	2644
2654	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	1.6	327.8	327.8	2620
2654	Marcy 345kV Voltage	Ravenswood 3	1.6	327.8	327.8	2754
2654 >E	Clay 345kV Voltage	Marcy South S.	3.3	327.8	331.3	3191
2656 >E	Edic 345kV Voltage	Marcy South S.	3.1	327.8	331.6	3192
2657 >E	Pannell Road 345kV Voltage	Volney-Marcy	1.9	327.8	334.9	2590
2657 >E	Marcy 345kV Voltage	Marcy South S.	3.1	327.8	331.3	3193
2660 >E	Oakdale 345kV Voltage	SBK Edic R945	2.5	320	340.8	1927
2660	Buchanan North 345kV Voltage	Pre-Fault	45.8	NA	346	2660
2660 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.5	320	340.8	1927

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2665 >E	Oakdale 345kV Voltage	Volney-Marcy	1.2	320	328.0	2590
2665 >E	Station 80 345kV Voltage	SBK Edic R945	5.0	327.8	342.1	1928
2666 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.1	327.8	342.1	1928
2667 >E	Station 80 345kV Voltage	Volney-Marcy	2.5	327.8	335.8	2590
2669 >E	New Scotland 345kV Voltage Alps	Pre-Fault	11.6	NA	348	2669
2669 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	11.6	NA	348	2669
2672 >E	Oakdale 345kV Voltage	SBK Marcy R3108	4.2	320	340.2	2534
2681 >E	Fraser 345kV Voltage	SBK Edic R945	3.2	327.8	345.8	1930
2681 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.2	327.8	345.8	1930
2686 >E	St.Lawrence 230kV Voltage	Volney-Marcy	4.0	218.5	222.3	2591
2686 >E	Fraser 345kV Voltage	Pre-Fault	6.8	NA	338	2686
2687 >E	Gordon Rd 345kV Voltage	Marcy South S.	5.7	327.8	339.5	3209
2687 >E	Gordon Rd 345kV Voltage	Volney-Marcy	2.5	327.8	331.3	2591
2687 >E	Fraser 345kV Voltage	Volney-Marcy	2.2	327.8	327.8	2591
2693 >E	Coopers Corners 345kV Voltage	SBK Edic R945	4.8	327.8	345.4	1932
2693 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.8	327.8	345.4	1932
2697 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	8.6	327.8	332.5	2964
2701 >E	Pannell Road 345kV Voltage	Marcy South S.	6.2	327.8	332.1	3217
2701 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	9.0	327.8	339.9	1898
2701 >E	Coopers Corners 345kV Voltage	Volney-Marcy	2.8	327.8	329.4	2592
2702 >E	Gilboa 345kV Voltage	Pre-Fault	13.5	NA	348	2702
2702 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.5	320	336.8	1898
2712 >E	St.Lawrence 230kV Voltage	Pre-Fault	23.5	NA	225	2712
2713 >E	Marcy 345kV Voltage	SBK Marcy R3108	9.1	327.8	327.8	2550
2714 >E	Niagara 230kV East Voltage	Volney-Marcy	5.4	218.5	221.5	2593
2714 >E	Niagara 230kV West Voltage	Volney-Marcy	5.4	218.5	221.5	2593
2715 >E	St.Lawrence 230kV Voltage	SBK Edic R945	9.0	218.5	228.1	1935
2715 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	7.4	327.8	334.3	2680
2715 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	9.0	218.5	228.1	1935
2719 >E	Coopers Corners 345kV Voltage	Pre-Fault	10.4	NA	338	2719
2719 >E	Pannell Road 345kV Voltage	SBK Princetown 345	8.9	327.8	329.9	2511
2719 >E	Pleasant Valley 345kV Voltage	Pre-Fault	35.4	NA	348	2719
2720 >E	Oakdale 345kV Voltage	SBK Princetown 345	5.2	320	322.5	2512
2723 >E	Pannell Road 345kV Voltage	SBK Edic R70	9.7	327.8	329.5	2749
2723 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	3.2	327.8	331.4	2593
2723 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	3.2	327.8	331.4	2593
2723 >E	Rock Tavern 345kV Voltage	Pre-Fault	27.8	NA	348	2723
2724 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.9	320	325.2	2965
2726 >E	New Scotland 345kV Voltage Alps	Marcy South N.	10.2	327.8	349.9	3435
2726 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	10.2	327.8	349.9	3435

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2728 >E	Oakdale 345kV Voltage	Ravenswood 3	5.7	320	321.1	2825
2729 >E	Oakdale 345kV Voltage	SBK Edic R70	5.4	320	321.0	2755
2732 >E	Oakdale 345kV Voltage	Marcy South S.	4.4	320	323.6	3235
2733 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	320	320.3	2698
2733 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.4	327.8	341.4	1907
2733 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	5.7	320	320.2	2695
2734 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	5.7	320	320.1	2724
2734 >E	Station 80 345kV Voltage	Marcy South S.	8.1	327.8	332.5	3236
2736 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	9.5	327.8	333.1	2965
2737 >E	Pannell Road 345kV Voltage	Ravenswood 3	11.5	327.8	328.3	2833
2738 >E	Station 80 345kV Voltage	Ph2 DC 1500	11.5	327.8	332.2	2965
2739 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	8.3	327.8	339.4	2561
2740 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	11.3	327.8	327.9	2705
2741 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	11.3	327.8	327.9	2703
2742 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	11.4	327.8	327.8	2731
2745 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	8.9	327.8	339.5	1911
2746 >E	Somerset 345kV Voltage	Volney-Marcy	4.7	327.8	341.5	2594
2747 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	7.8	327.8	342.0	1911
2748 >E	St.Lawrence 230kV Voltage	Marcy South N.	19.0	218.5	227.9	3446
2751 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	7.9	327.8	330.2	2713
2752 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	8.2	327.8	330.1	2741
2752 >E	Gilboa 345kV Voltage	Volney-Marcy	4.1	327.8	329.1	2594
2756 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	327.8	2718
2756 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	6.8	327.8	327.8	2746
2756 >E	Fraser 345kV Voltage	Ravenswood 3	6.8	327.8	327.8	2851
2756 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	6.8	327.8	327.8	2721
2756 >E	Fraser 345kV Voltage	SBK Edic R70	6.8	327.8	327.8	2780
2756 >E	Fraser 345kV Voltage	SBK Princetown 345	6.8	327.8	327.8	2541
2756 >E	Gordon Rd 345kV Voltage	Ravenswood 3	8.4	327.8	329.6	2851
2761 >E	Fraser 345kV Voltage	Marcy South S.	5.8	327.8	327.8	3252
2761 >E	Fraser 345kV Voltage	Ph2 DC 1500	5.8	327.8	327.8	2966
2762 >E	Buchanan South 345kV Voltage	Pre-Fault	45.7	NA	346	2762
2763 >E	New Scotland 345kV Voltage Alps	Marcy South S.	7.0	327.8	339.4	3252
2763 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	7.0	327.8	339.4	3252
2766 >E	Ramapo 500kV Voltage	Volney-Marcy	14.2	500	501.0	2595
2767 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	13.7	327.8	343.4	1917
2768 >E	St.Lawrence 230kV Voltage	Marcy South S.	11.4	218.5	220.0	3255
2770 >E	Gordon Rd 345kV Voltage	SBK Edic R70	8.2	327.8	328.0	2793

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2776 >E	Somerset 345kV Voltage	SBK Marcy R3108	9.0	327.8	346.8	2575
2785 >E	Ramapo 500kV Voltage	Ravenswood 3	37.9	500	505.2	2879
2791 >E	Coopers Corners 345kV Voltage	Ravenswood 3	10.0	327.8	331.0	2885
2791 >E	Watercure 230kV Voltage	Marcy South N.	13.9	207	227.9	3468
2801 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	9.6	327.8	330.0	2578
2804 >E	Niagara 230kV East Voltage	SBK Edic R945	14.2	218.5	225.6	1948
2804 >E	Niagara 230kV West Voltage	SBK Edic R945	14.2	218.5	225.6	1948
2805 >E	Ramapo 500kV Voltage	Ph2 DC 1500	38.5	500	505.5	2967
2805 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	14.3	218.5	225.5	1948
2805 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	14.3	218.5	225.5	1948
2809 >E	Coopers Corners 345kV Voltage	SBK Edic R70	10.2	327.8	329.3	2829
2810 >E	Somerset 345kV Voltage	Marcy South N.	14.2	327.8	347.8	3477
2813 >E	Station 80 345kV Voltage	SBK Princetown 345	15.9	327.8	331.4	2586
2816 >E	Rock Tavern 345kV Voltage	Volney-Marcy	7.1	327.8	329.0	2597
2819 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	10.3	327.8	328.3	2780
2820 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	17.4	218.5	225.4	1932
2822 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	328.1	2786
2824 >E	Watercure 230kV Voltage	SBK Edic R945	9.1	207	233.6	1951
2824 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	327.9	2813
2825 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	9.2	207	233.6	1951
2830 >E	Leeds 345kV Voltage	Volney-Marcy	6.7	327.8	327.8	2598
2831 >E	Station 80 345kV Voltage	SBK Edic R70	18.2	327.8	330.6	2850
2832 >E	St.Lawrence 230kV Voltage	Ravenswood 3	20.7	218.5	219.9	2923
2832 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	10.2	327.8	325.6	2968
2834 >E	Gilboa 345kV Voltage	SBK Edic R945	8.3	327.8	346.3	1952
2835 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	8.3	327.8	346.3	1952
2835 >E	Ramapo 500kV Voltage	SBK Edic R945	28.9	500	506.9	1953
2836 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	29.0	500	506.9	1952
2836 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	20.1	218.5	219.7	2606
2838 >E	Gilboa 345kV Voltage	Marcy South S.	9.1	327.8	336.6	3295
2846 >E	Leeds 345kV Voltage	Pre-Fault	21.1	NA	345	2846
2852 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	10.0	327.8	332.1	2812
2852 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	10.0	327.8	332.1	2812
2854 >E	Ramapo 345kV Voltage	Pre-Fault	43.2	NA	346	2854
2855 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	10.6	327.8	329.4	2969
2855 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	10.6	327.8	329.4	2969
2862 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	9.3	327.8	328.3	2599
2865 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	23.5	218.5	218.5	2854
2866 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	23.6	218.5	218.5	2829

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2866 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	23.6	218.5	218.4	2826
2873 >E	St.Lawrence 230kV Voltage	SBK Edic R70	24.4	218.5	218.2	2888
2875 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	9.8	327.8	341.7	1958
2875 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	9.8	327.8	341.7	1958
2876 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	9.8	327.8	341.7	1958
2876 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	9.8	327.8	341.7	1958
2883 >E	Gordon Rd 345kV Voltage	SBK Edic R945	10.3	327.8	331.2	1959
2883 >E	Buchanan North 345kV Voltage	Volney-Marcy	12.3	327.8	328.4	2600
2883 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	10.3	327.8	331.2	1959
2883 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	11.3	327.8	329.4	2972
2883 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	11.3	327.8	329.4	2972
2884 >E	Dunwoodie 345kV Voltage	Volney-Marcy	14.0	327.8	327.9	2600
2885 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	20.0	218.5	222.7	1950
2885 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	20.0	218.5	222.7	1950
2885 >E	Millwood 345kV Voltage	Volney-Marcy	12.1	327.8	328.0	2600
2885 >E	Sprain Brook 345kV Voltage	Volney-Marcy	14.0	327.8	327.9	2600
2886 >E	Station 80 345kV Voltage	Ravenswood 3	23.8	327.8	328.3	2974
2890 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	11.1	327.8	328.9	2904
2890 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	11.1	327.8	328.9	2904
2892 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	23.2	327.8	328.0	2855
2893 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	23.2	327.8	328.0	2852
2894 >E	Fraser 345kV Voltage	SBK Marcy R3108	12.0	327.8	327.8	2622
2895 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	23.4	327.8	327.9	2884
2903 >E	Buchanan South 345kV Voltage	Volney-Marcy	12.0	327.8	328.2	2601
2904 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	11.6	327.8	327.7	2893
2904 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	11.6	327.8	327.7	2893
2908 >E	Niagara 345kV Voltage	Volney-Marcy	8.9	327.8	346.6	2601
2910 >E	Ladentown 345kV Voltage	Pre-Fault	43.4	NA	346	2910
2911 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	11.9	327.8	327.0	2874
2911 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	11.9	327.8	327.0	2874
2914 >E	Roseton 345kV Voltage	Volney-Marcy	10.3	327.8	328.5	2602
2916 >E	Watercure 230kV Voltage	SBK Marcy R3108	14.3	207	229.5	2630
2920 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	28.3	218.5	223.8	2632
2925 >E	Ramapo 345kV Voltage	Volney-Marcy	11.8	327.8	328.8	2602
2926 >E	Gilboa 345kV Voltage	Ph2 DC 1500	11.4	327.8	328.6	2971
2941 >E	Ladentown 345kV Voltage	Volney-Marcy	11.8	327.8	328.6	2603
2946 >E	Watercure 230kV Voltage	Pre-Fault	16.0	NA	215	2946
2948 >E	Rock Tavern 345kV Voltage	SBK Edic R945	14.3	327.8	344.2	1969

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2949 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	14.3	327.8	344.2	1969
2951 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	12.9	327.8	329.4	2910
2955 >E	Roseton 345kV Voltage	Pre-Fault	39.2	NA	345	2955
2959 >E	Bowline 1 345kV Voltage	Volney-Marcy	11.8	327.8	328.7	2604
2961 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	12.9	327.8	340.7	1972
2964 >E	Gilboa 345kV Voltage	Ravenswood 3	13.3	327.8	328.5	3048
2966 >E	Bowline 2 345kV Voltage	Volney-Marcy	11.8	327.8	328.6	2604
2967 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	46.0	500	505.6	1974
2967 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	12.6	327.8	322.2	2711
2967 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	12.6	327.8	322.2	2711
2970 >E	Gilboa 345kV Voltage	SBK Edic R70	13.3	327.8	328.0	2979
2971 >E	Leeds 345kV Voltage	Marcy South S.	13.2	327.8	336.0	3370
2972 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	14.3	327.8	336.8	2652
2972 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	14.3	327.8	336.8	2652
2974 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	13.5	327.8	327.8	2962
2976 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	13.5	327.8	327.6	2937
2987 >E	Ramapo 500kV Voltage	SBK Princetown 345	42.6	500	500.8	2727
2987 >E	Gilboa 345kV Voltage	SBK Princetown 345	13.7	327.8	326.8	2727
3005 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	44.5	500	500.4	2962
3006 >E	Gardenville 230kV Voltage	Volney-Marcy	14.0	207	222.1	2606
3010 >E	Ramapo 500kV Voltage	SBK Edic R70	45.0	500	500.3	3016
3015 >E	Fraser 345kV Voltage	Marcy South N.	17.9	327.8	327.8	3577
3018 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	45.6	500	500.1	2979
3018 >E	Watercure 230kV Voltage	SBK Princetown 345	14.1	207	210.5	2752
3020 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	45.7	500	500.0	3009
3022 >E	Bowline 1 345kV Voltage	Pre-Fault	43.3	NA	345	3022
3022 >E	Ramapo 500kV Voltage	Pre-Fault	45.8	NA	500	3022
3023 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	15.2	327.8	334.6	1990
3023 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	15.2	327.8	334.6	1990
3024 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	17.8	327.8	325.7	2673
3037 >E	Somerset 345kV Voltage	SBK Edic R945	20.3	327.8	378.9	1982
3042 >E	Bowline 2 345kV Voltage	Pre-Fault	43.3	NA	345	3042
3042 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	20.5	327.8	379.3	1982
3046 >E	Watercure 230kV Voltage	SBK Edic R70	15.0	207	208.8	3049
3059 >E	Gilboa 345kV Voltage	Marcy South N.	19.1	327.8	341.5	3599
3059 >E	Watercure 230kV Voltage	Ravenswood 3	15.8	207	207.9	3139
3071 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	15.9	207	207.2	3031
3071 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	15.9	207	207.2	3028

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3073 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	16.0	207	207.1	3061
3104 >E	Niagara 345kV Voltage	SBK Marcy R3108	17.9	327.8	351.4	2705
3105 >E	Niagara 230kV East Voltage	SBK Marcy R3108	37.2	218.5	230.3	2705
3105 >E	Niagara 230kV West Voltage	SBK Marcy R3108	37.2	218.5	230.3	2705
3106 >E	Leeds 345kV Voltage	Ph2 DC 1500	16.5	327.8	327.8	2977
3116 >E	Leeds 345kV Voltage	Marcy South N.	20.7	327.8	345.6	3627
3126 >E	Dunwoodie 345kV Voltage	Ravenswood 3	47.5	327.8	335.7	3202
3126 >E	Sprain Brook 345kV Voltage	Ravenswood 3	47.0	327.8	335.7	3202
3130 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	21.8	327.8	339.4	2020
3134 >E	Rock Tavern 345kV Voltage	Ravenswood 3	24.5	327.8	333.2	3209
3137 >E	Pleasant Valley 345kV Voltage	Marcy South S.	24.3	327.8	332.0	3464
3141 >E	Gardenville 230kV Voltage	SBK Edic R945	20.7	207	228.8	1997
3143 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	20.7	207	228.8	1997
3152 >E	Buchanan North 345kV Voltage	SBK Edic R945	28.0	327.8	339.6	1999
3153 >E	Buchanan North 345kV Voltage	Ravenswood 3	38.2	327.8	335.3	3227
3153 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	28.1	327.8	339.6	1998
3154 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	23.1	207	235.2	2027
3180 >E	Gilboa 345kV Voltage	SBK Marcy R3108	20.5	327.8	331.3	2735
3185 >E	Millwood 345kV Voltage	Ravenswood 3	40.5	327.8	335.4	3258
3188 >E	Ramapo 345kV Voltage	SBK Edic R945	24.4	327.8	343.4	2004
3189 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	24.5	327.8	343.4	2004
3209 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	21.1	327.8	327.8	3163
3209 >E	Leeds 345kV Voltage	SBK Princetown 345	21.1	327.8	327.8	2905
3209 >E	Leeds 345kV Voltage	Ravenswood 3	21.1	327.8	327.8	3281
3209 >E	Leeds 345kV Voltage	SBK Edic R70	21.1	327.8	327.8	3200
3209 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	21.1	327.8	327.8	3197
3209 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	21.1	327.8	327.8	3168
3240 >E	Buchanan South 345kV Voltage	Ravenswood 3	38.7	327.8	335.5	3310
3246 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	26.3	327.8	329.2	2934
3252 >E	Ladentown 345kV Voltage	SBK Edic R945	25.6	327.8	344.1	2013
3254 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	25.7	327.8	344.1	2013
3258 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	25.7	327.8	324.0	2982
3266 >E	Rock Tavern 345kV Voltage	SBK Edic R70	27.5	327.8	328.5	3252
3267 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	27.2	327.8	328.5	3219
3267 >E	Buchanan South 345kV Voltage	SBK Edic R945	29.8	327.8	339.8	2015
3268 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	29.8	327.8	339.7	2015
3279 >E	Niagara 345kV Voltage	Marcy South N.	27.3	327.8	352.0	3707
3280 >E	Millwood 345kV Voltage	SBK Edic R945	32.5	327.8	337.5	2017
3281 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	32.6	327.8	337.5	2017
3282 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr	27.7	327.8	327.9	3240

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3284 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	27.8	327.8	327.8	3271
3288 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	33.2	327.8	331.9	3355
3289 >E	Bowline 1 345kV Voltage	SBK Edic R945	25.4	327.8	345.1	2019
3291 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	25.5	327.8	345.1	2018
3293 >E	Niagara 230kV East Voltage	Marcy South N.	54.6	218.5	231.3	3714
3293 >E	Niagara 230kV West Voltage	Marcy South N.	54.6	218.5	231.3	3714
3297 >E	Sprain Brook 345kV Voltage	SBK Edic R945	38.4	327.8	335.8	2020
3298 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	38.5	327.8	335.8	2019
3301 >E	Bowline 2 345kV Voltage	SBK Edic R945	25.5	327.8	346.3	2021
3303 >E	Dunwoodie 345kV Voltage	SBK Edic R945	38.9	327.8	335.6	2021
3303 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	25.5	327.8	346.3	2020
3304 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	39.0	327.8	335.6	2020
3323 >E	Ramapo 345kV Voltage	Ravenswood 3	35.9	327.8	335.1	3389
3324 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	29.2	327.8	324.8	2985
3337 >E	Ramapo 500kV Voltage	Marcy South S.	82.3	500	494.5	3576
3347 >E	Roseton 345kV Voltage	SBK Edic R945	27.7	327.8	340.6	2027
3348 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	27.7	327.8	340.6	2027
3358 >E	Ladentown 345kV Voltage	Ravenswood 3	36.2	327.8	335.7	3422
3373 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	39.6	327.8	327.8	2986
3385 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	33.5	327.8	329.2	3336
3387 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	31.3	327.8	335.6	2033
3387 >E	Pleasant Valley 345kV Voltage	Marcy South N.	37.0	327.8	339.6	3760
3388 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	31.3	327.8	335.6	2032
3405 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	40.8	327.8	335.8	2098
3412 >E	Bowline 1 345kV Voltage	Ravenswood 3	36.0	327.8	336.0	3473
3422 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	35.0	327.8	328.1	3397
3429 >E	Bowline 2 345kV Voltage	Ravenswood 3	36.0	327.8	336.1	3489
3432 >E	Millwood 345kV Voltage	Ph2 DC 1500	39.5	327.8	325.5	2988
3435 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	35.4	327.8	327.8	3422
3442 >E	Pleasant Valley 345kV Voltage	361-362 D1b Ckt Twr 345	35.7	327.8	327.6	3398
3446 >E	Ramapo 500kV Voltage	SBK Marcy R3108	92.8	500	502.0	2840
3452 >E	Roseton 345kV Voltage	Ravenswood 3	35.9	327.8	332.3	3511
3459 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	46.8	327.8	325.1	2989
3460 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	44.2	327.8	328.5	3410
3461 >E	Gardenville 230kV Voltage	SBK Marcy R3108	33.6	207	229.0	2845
3463 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	47.2	327.8	325.0	2989
3465 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	38.6	327.8	326.6	2989
3471 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	36.0	327.8	326.7	3115
3473 >E	Buchanan North 345kV Voltage	SBK Princetown 345	44.4	327.8	328.3	3116

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3477 >E	Buchanan North 345kV Voltage	SBK Edic R70	45.3	327.8	328.2	3448
3481 >E	Somerset 345kV Voltage	Marcy South S.	37.2	327.8	344.8	3658
3482 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	36.7	327.8	338.9	2120
3484 >E	Watercure 230kV Voltage	Volney-Marcy	34.9	207	278.0	2627
3493 >E	Coopers Corners 345kV Voltage	Marcy South N.	33.6	327.8	306.5	3812
3494 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	45.8	327.8	327.8	3480
3494 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	45.8	327.8	327.8	3449
3503 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	45.4	327.8	328.7	3452
3517 >E	Ramapo 345kV Voltage	Ph2 DC 1500	38.3	327.8	327.8	2991
3519 >E	Roseton 345kV Voltage	Ph2 DC 1500	33.7	327.8	324.2	2991
3527 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	53.9	327.8	328.6	3475
3529 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	54.4	327.8	328.6	3477
3532 >E	Millwood 345kV Voltage	SBK Edic R70	47.0	327.8	328.1	3499
3538 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	44.7	327.8	333.4	2136
3539 >E	Millwood 345kV Voltage	Marcy South S.	45.2	327.8	322.5	3691
3544 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	42.1	327.8	335.5	2138
3545 >E	Dunwoodie 345kV Voltage	Marcy South S.	52.4	327.8	323.0	3694
3547 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	47.4	327.8	327.8	3533
3550 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	52.2	327.8	332.2	2140
3551 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	47.6	327.8	327.7	3505
3552 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	43.9	327.8	328.7	3499
3555 >E	Sprain Brook 345kV Voltage	Marcy South S.	52.5	327.8	322.8	3700
3556 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	52.7	327.8	332.1	2141
3557 >E	Sprain Brook 345kV Voltage	SBK Edic R70	55.9	327.8	328.0	3521
3557 >E	Millwood 345kV Voltage	SBK Princetown 345	47.2	327.8	327.6	3185
3559 >E	Dunwoodie 345kV Voltage	SBK Edic R70	56.4	327.8	328.0	3524
3561 >E	Ladentown 345kV Voltage	Ph2 DC 1500	37.9	327.8	328.5	2992
3565 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	37.9	327.8	339.5	2144
3571 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	56.3	327.8	327.8	3557
3573 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	56.8	327.8	327.8	3559
3576 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	56.5	327.8	327.7	3530
3578 >E	Buchanan South 345kV Voltage	SBK Edic R70	45.3	327.8	328.2	3541
3579 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	57.1	327.8	327.7	3532
3585 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	56.2	327.8	327.5	3207
3589 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	56.8	327.8	327.5	3210
3590 >E	Buchanan South 345kV Voltage	SBK Princetown 345	45.0	327.8	327.9	3210
3594 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	37.9	327.8	328.7	3541

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3594 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	45.7	327.8	327.8	3580
3595 >E	Ramapo 500kV Voltage	Marcy South N.	120.0	500	503.5	3862
3598 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	45.8	327.8	327.7	3551
3599 >E	Ramapo 345kV Voltage	SBK Princetown 345	41.4	327.8	328.7	3218
3605 >E	Roseton 345kV Voltage	Marcy South S.	36.6	327.8	321.3	3728
3605 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	41.9	327.8	328.6	3552
3608 >E	Leeds 345kV Voltage	SBK Edic R945	34.0	327.8	327.8	2065
3608 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	34.0	327.8	327.8	2064
3608 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	34.0	327.8	327.8	2156
3614 >E	Roseton 345kV Voltage	SBK Edic R70	38.8	327.8	328.2	3574
3619 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	37.8	327.8	328.5	2994
3620 >E	Roseton 345kV Voltage	SBK Princetown 345	38.5	327.8	328.0	3235
3620 >E	Ramapo 345kV Voltage	SBK Edic R70	42.7	327.8	328.3	3580
3620 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	39.2	207	224.6	2160
3620 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	37.7	327.8	340.3	2160
3623 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	40.5	327.8	330.7	2160
3629 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	39.2	327.8	327.8	3615
3632 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	39.3	327.8	327.7	3585
3634 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	38.3	327.8	335.2	2164
3636 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	37.8	327.8	330.1	2995
3637 >E	Leeds 345kV Voltage	SBK Marcy R3108	35.1	327.8	327.8	2915
3638 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	37.7	327.8	341.8	2165
3639 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	43.2	327.8	327.8	3591
3639 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	43.2	327.8	327.8	3624
3647 >E	Gardenville 230kV Voltage	Marcy South N.	44.9	207	230.4	3888
3661 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	42.0	327.8	328.7	3606
3667 >E	Ladentown 345kV Voltage	SBK Princetown 345	41.9	327.8	328.6	3273
3681 >E	Ladentown 345kV Voltage	SBK Edic R70	43.0	327.8	328.3	3636
3699 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	43.4	327.8	327.8	3685
3700 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	43.4	327.8	327.8	3652
3725 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	41.9	327.8	328.8	3670
3731 >E	Bowline 1 345kV Voltage	SBK Princetown 345	41.8	327.8	328.6	3324
3744 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	41.9	327.8	328.8	3688
3747 >E	Bowline 1 345kV Voltage	SBK Edic R70	42.9	327.8	328.3	3698
3750 >E	Bowline 2 345kV Voltage	SBK Princetown 345	41.8	327.8	328.6	3340
3766 >E	Bowline 2 345kV Voltage	SBK Edic R70	42.8	327.8	328.3	3715
3766 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	43.3	327.8	327.8	3751

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3767 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	43.3	327.8	327.8	3718
3785 >E	Buchanan South 345kV Voltage	Marcy South S.	51.2	327.8	317.8	3829
3786 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	43.3	327.8	327.8	3771
3787 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	43.3	327.8	327.8	3738
3800 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	46.5	327.8	325.6	2980
3833 >E	Rainey 345kV Voltage	Volney-Marcy	44.5	327.8	328.1	2643
3853 >E	Farragut 345kV Voltage	Volney-Marcy	46.2	327.8	328.1	2644
3891 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	52.9	327.8	328.0	3015
3959 >E	Roseton 345kV Voltage	Marcy South N.	52.5	327.8	335.6	4041
3973 >E	Buchanan North 345kV Voltage	Marcy South S.	62.4	327.8	312.0	3936
3987 >E	Millwood 345kV Voltage	Marcy South N.	69.5	327.8	333.6	4055
4018 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	150.6	218.5	124.7	3008
4040 >E	Dunwoodie 345kV Voltage	Marcy South N.	82.4	327.8	332.4	4081
4051 >E	Sprain Brook 345kV Voltage	Marcy South N.	82.5	327.8	332.4	4086
4247 >E	Goethals 345kV Voltage	Volney-Marcy	62.1	327.8	328.0	2662
4256 >E	Rock Tavern 345kV Voltage	Marcy South N.	61.3	327.8	321.0	4187
4285 >E	Buchanan South 345kV Voltage	Marcy South N.	76.6	327.8	332.9	4201
4289 >E	Roseton 345kV Voltage	SBK Marcy R3108	62.4	327.8	326.6	3172
4342 >E	Millwood 345kV Voltage	SBK Marcy R3108	83.7	327.8	326.3	3194
4351 >E	Rock Tavern 345kV Voltage	Marcy South S.	55.6	327.8	273.9	4149
4362 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	97.9	327.8	326.0	3201
4367 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	97.5	327.8	326.0	3203
4371 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	87.7	327.8	326.8	3205
4394 >E	Buchanan North 345kV Voltage	Marcy South N.	88.3	327.8	330.0	4255
4551 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	86.7	327.8	326.4	3276
4586 >E	Ladentown 345kV Voltage	Marcy South S.	71.6	327.8	301.3	4282
4616 >E	Ramapo 345kV Voltage	Marcy South S.	74.1	327.8	298.0	4298
4670 >E	Coopers Corners 345kV Voltage	Marcy South S.	50.1	327.8	107.7	4329
4742 >E	Ramapo 345kV Voltage	SBK Marcy R3108	86.8	327.8	326.6	3352
4904 >E	Bowline 1 345kV Voltage	Marcy South S.	79.0	327.8	294.4	4461
4927 >E	Bowline 2 345kV Voltage	Marcy South S.	78.6	327.8	297.9	4474
5022 >E	Rainey 345kV Voltage	Ravenswood 3	116.4	327.8	340.9	4999
5027 >E	Ramapo 345kV Voltage	Marcy South N.	96.8	327.8	327.1	4566
5080 >E	Ladentown 345kV Voltage	SBK Marcy R3108	95.6	327.8	326.6	3485
5158 >E	Farragut 345kV Voltage	Ravenswood 3	122.5	327.8	340.1	5128
5175 >E	Ladentown 345kV Voltage	Marcy South N.	98.9	327.8	329.5	4638
5211 >E	Niagara 345kV Voltage	Marcy South S.	85.5	327.8	353.2	4635
5247 >E	Somerset 345kV Voltage	Ph2 DC 1500	129.0	327.8	331.4	3048
5510 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	105.8	327.8	326.5	3655

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5533 >E	Rainey 345kV Voltage	Pre-Fault	177.7	NA	338	5533
5539 >E	Farragut 345kV Voltage	Pre-Fault	184.0	NA	338	5539
5540 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	105.2	327.8	326.5	3666
5626 >E	Bowline 1 345kV Voltage	Marcy South N.	109.5	327.8	329.5	4860
5654 >E	Bowline 2 345kV Voltage	Marcy South N.	108.9	327.8	329.6	4874
5900 >E	Niagara 230kV East Voltage	Marcy South S.	245.8	218.5	234.0	5023
5900 >E	Niagara 230kV West Voltage	Marcy South S.	245.8	218.5	234.0	5023
5972 >E	Rainey 345kV Voltage	SBK Edic R945	124.9	327.8	340.2	2410
5978 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	125.1	327.8	340.1	2408
6019 >E	Farragut 345kV Voltage	SBK Edic R945	129.2	327.8	339.9	2417
6025 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	129.5	327.8	339.9	2415
6286 >E	Goethals 345kV Voltage	Ravenswood 3	167.5	327.8	339.0	6197
6535 >E	Goethals 345kV Voltage	Pre-Fault	252.2	NA	338	6535
6724 >E	Rainey 345kV Voltage	Ph2 DC 1500	152.7	327.8	324.4	3097
6782 >E	Farragut 345kV Voltage	Ph2 DC 1500	158.0	327.8	324.6	3099
6862 >E	Northport 138kV Voltage	Volney-Marcy	331.1	131.1	131.2	2779
7143 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	170.2	327.8	328.9	7027
7158 >E	Goethals 345kV Voltage	SBK Edic R945	175.1	327.8	339.6	2583
7165 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	175.4	327.8	339.6	2581
7208 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	176.1	327.8	328.9	7090
7215 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	170.8	327.8	334.8	3183
7279 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	176.7	327.8	334.7	3201
7309 >E	Rainey 345kV Voltage	SBK Edic R70	176.6	327.8	328.0	6996
7343 >E	Rainey 345kV Voltage	Marcy South S.	175.7	327.8	319.9	5838
7350 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	177.9	327.8	327.8	7319
7355 >E	Rainey 345kV Voltage	SBK Princetown 345	177.4	327.8	327.7	6234
7370 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	178.6	327.8	327.7	7273
7382 >E	Farragut 345kV Voltage	SBK Edic R70	183.0	327.8	328.0	7064
7421 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	184.2	327.8	327.8	7390
7425 >E	Farragut 345kV Voltage	SBK Princetown 345	183.7	327.8	327.8	6290
7433 >E	Farragut 345kV Voltage	Marcy South S.	182.7	327.8	320.0	5889
7441 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	184.9	327.8	327.7	7344
8248 >E	Goethals 345kV Voltage	Ph2 DC 1500	217.0	327.8	325.0	3147
8821 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	241.1	327.8	328.9	8675
8830 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	239.2	327.8	334.5	3642
9067 >E	Goethals 345kV Voltage	SBK Edic R70	250.9	327.8	328.0	8624
9117 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	252.5	327.8	327.8	9078
9118 >E	Goethals 345kV Voltage	SBK Princetown 345	251.8	327.8	327.8	7650
9135 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr	253.2	327.8	327.7	9015

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
9317 >E	Goethals 345kV Voltage	Marcy South S.	258.1	327.8	319.6	6953
9864 >E	Rainey 345kV Voltage	Marcy South N.	271.1	327.8	334.6	6942
9997 >E	Farragut 345kV Voltage	Marcy South N.	281.7	327.8	334.5	7007
11238 >E	Rainey 345kV Voltage	SBK Marcy R3108	320.3	327.8	324.9	5917
11381 >E	Farragut 345kV Voltage	SBK Marcy R3108	332.2	327.8	324.9	5973
12609 >E	Goethals 345kV Voltage	Marcy South N.	386.6	327.8	334.2	8289
14486 >E	Goethals 345kV Voltage	SBK Marcy R3108	457.1	327.8	324.6	7199
14687 >E	Northport 138kV Voltage	SBK Edic R945	945.3	131.1	135.8	3682
14700 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	946.3	131.1	135.7	3674
16004 >E	Northport 138kV Voltage	Pre-Fault	1517.0	NA	135	16004
16926 >E	Northport 138kV Voltage	Ph2 DC 1500	1121.2	131.1	128.8	3434
17177 >E	Northport 138kV Voltage	Marcy South S.	1141.5	131.1	128.6	11391
18134 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1214.6	131.1	133.4	6290
18143 >E	Niagara 345kV Voltage	Ph2 DC 1500	546.1	327.8	327.8	3474
19159 >E	Northport 138kV Voltage	Ravenswood 3	1328.7	131.1	132.9	18400
21256 >E	Northport 138kV Voltage	N.Scot-Leeds 345	1465.1	131.1	131.5	20888
21838 >E	Northport 138kV Voltage	SBK Edic R70	1511.0	131.1	131.2	20450
21920 >E	Northport 138kV Voltage	Princetown-N.Scot 345	1517.0	131.1	131.1	21824
21998 >E	Northport 138kV Voltage	361-362 D1b Ckt Twr 345	1523.0	131.1	131.0	21707
22090 >E	Northport 138kV Voltage	SBK Princetown 345	1529.0	131.1	131.0	18067
25890 >E	Northport 138kV Voltage	Marcy South N.	1840.3	131.1	133.8	14813
31930	Northport 138kV Voltage	SBK Marcy R3108	2303.6	131.1	129.6	14088

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
>E						
99998	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Niagara 230kV East Voltage	Pre-Fault	NA	NA	225	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	SBK Edic R70	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	SBK Princetown 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	361-362 D1b Ckt Twr 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	Ravenswood 3	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Pre-Fault	NA	NA	225	99998
99998 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	SBK Edic R70	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	SBK Princetown 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	361-362 D1b Ckt Twr 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Ravenswood 3	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

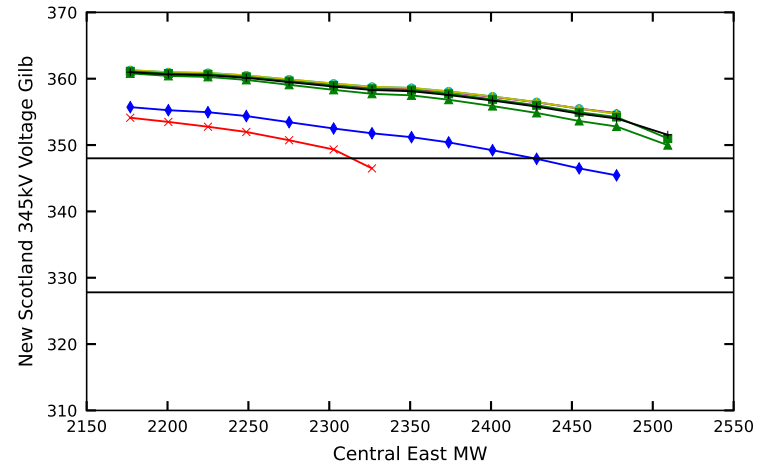
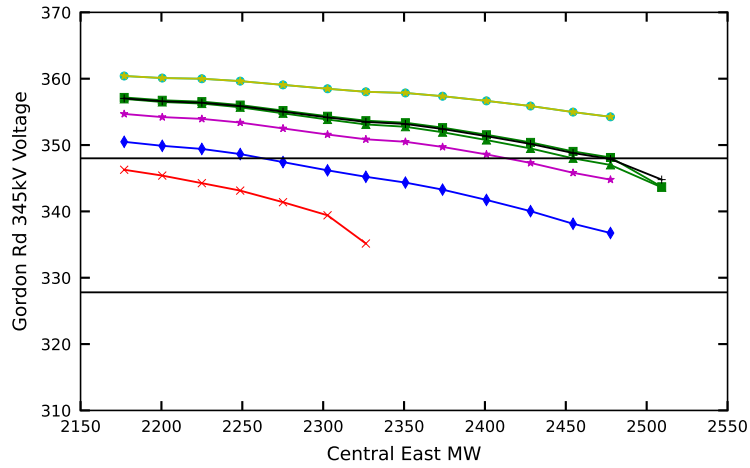
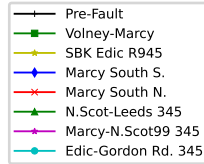
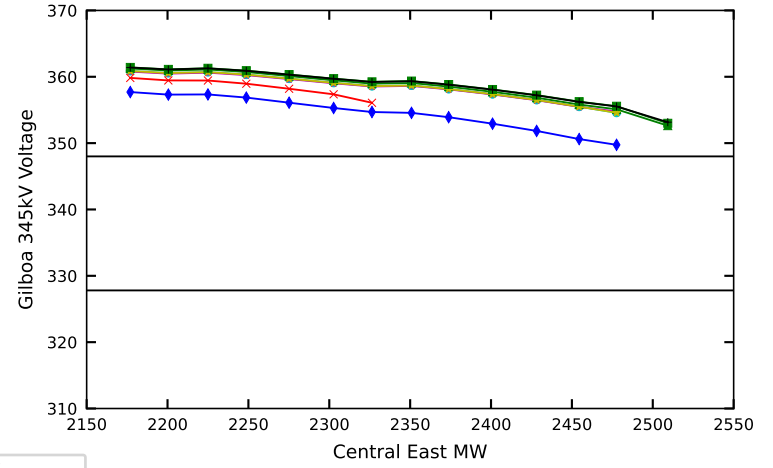
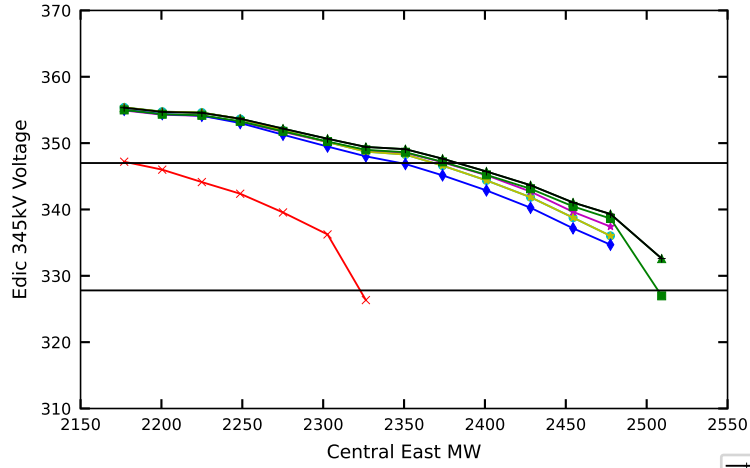
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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 2A

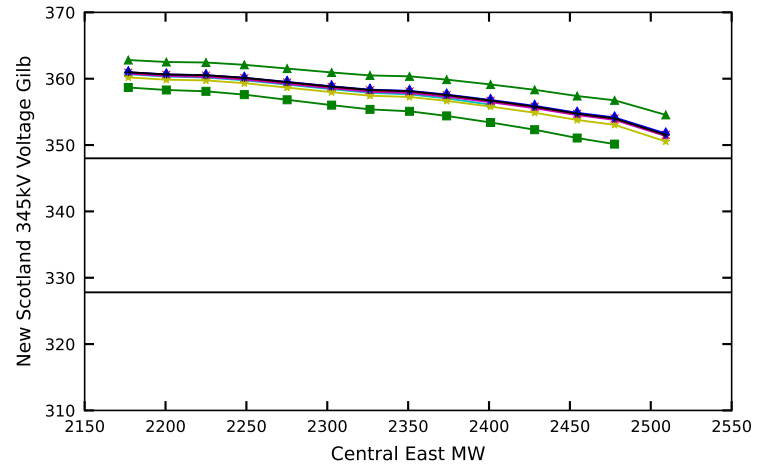
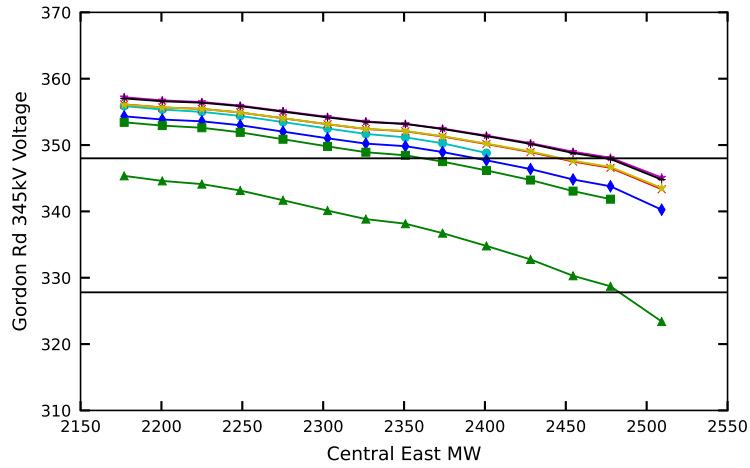
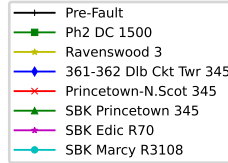
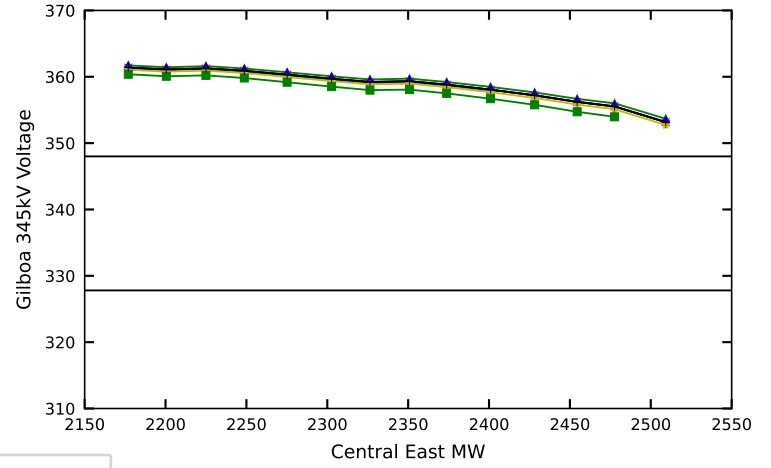
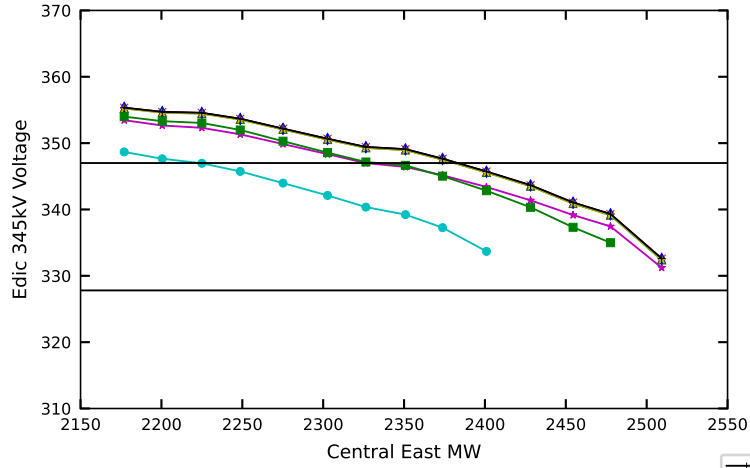
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						
99998	Somerset 345kV Voltage	361-362 Dlb Ckt Twr	NA	327.8	NA	99998
>E		345				
99998	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

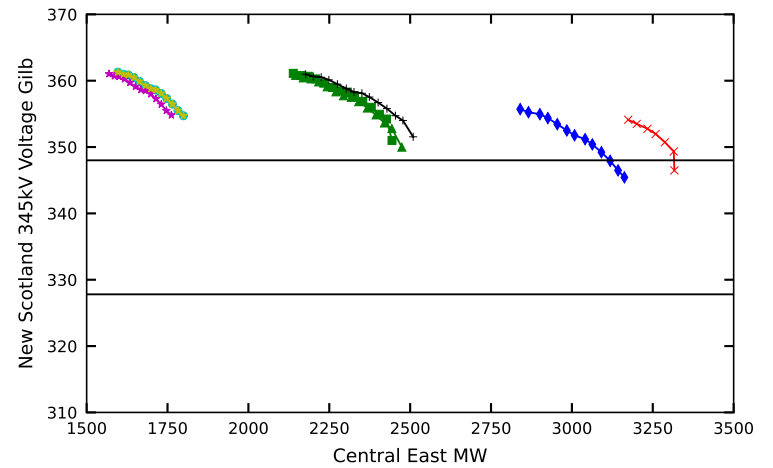
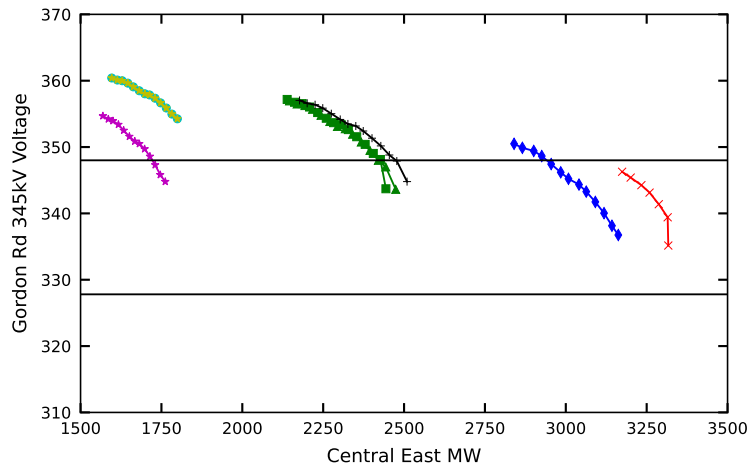
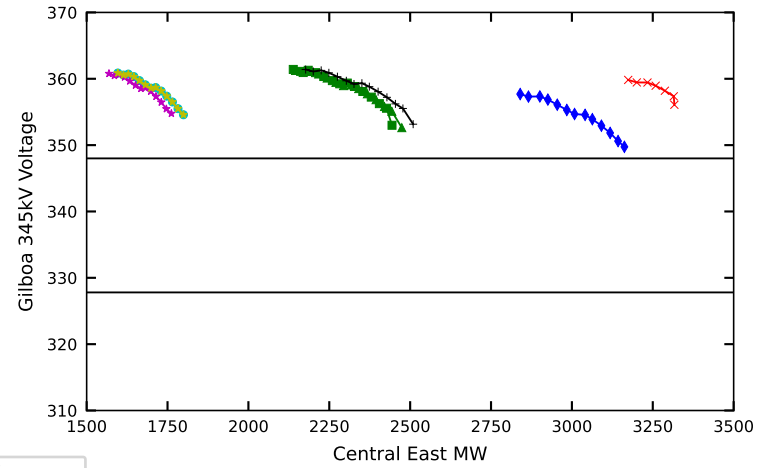
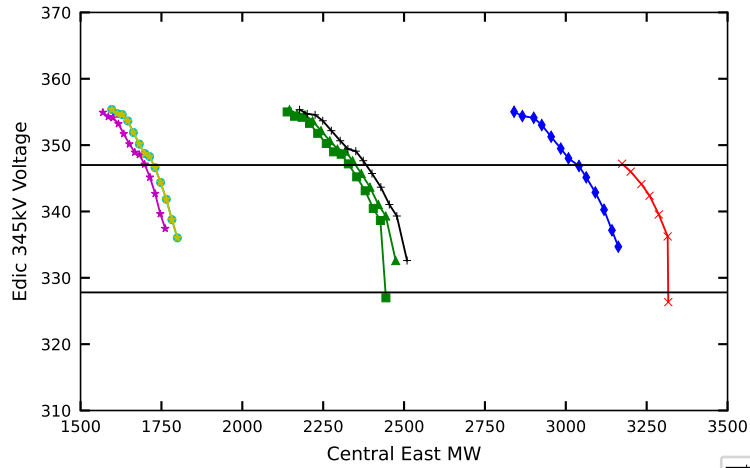
1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP Figure 1



1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP Figure 2



1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP Figure 1



- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\3MSSC_OP\Sum2023_CEVC_Ph2_00_3MSSC_OP.xlsx

1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2176	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2224	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2248	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2275	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2302	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2326	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2350	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2373	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2400	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2428	t1	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0
	1															
2454	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	2															
2477	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	3															
2509	t1	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2
	4															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\3MSSC_OP\Sum2023_CEVC_Ph2_00_3MSSC_OP.xlsx

1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	1	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2069 <E	Dunwoodie 345kV Voltage	Pre-Fault	103.9	NA	348	2069
2078 <E	Sprain Brook 345kV Voltage	Pre-Fault	103.9	NA	348	2078
2210	limit with 5% margin	Marcy South N.	NA	NA	NA	3150
2280	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2192
2314	Clay 345kV Voltage	Marcy South N.	2.2	327.8	346.8	3315
2322	Edic 345kV Voltage	Marcy South N.	2.4	327.8	349.6	3316
2324	Marcy 345kV Voltage	Marcy South N.	2.4	327.8	349.7	3316
2342 >E	Pannell Road 345kV Voltage	Marcy South N.	3.7	327.8	346.1	3318
2353	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1709
2353	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1673
2353	limit with 5% margin	Marcy South S.	NA	NA	NA	3004
2353	limit with 5% margin	SBK Edic R945	NA	NA	NA	1709
2353	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2672
2357 >E	Station 80 345kV Voltage	Marcy South N.	4.5	327.8	345.7	3319
2360	Pannell Road 345kV Voltage	Pre-Fault	27.1	NA	346	2360
2363	Station 80 345kV Voltage	Pre-Fault	28.2	NA	346	2363
2364	Clay 345kV Voltage	Pre-Fault	17.7	NA	345	2364
2367 >E	Gordon Rd 345kV Voltage	Marcy South N.	5.6	327.8	352.3	3320
2370 >E	Oakdale 345kV Voltage	Marcy South N.	3.7	320	351.5	3320
2371	Marcy 345kV Voltage	Pre-Fault	15.9	NA	348	2371
2382	Edic 345kV Voltage	Pre-Fault	14.1	NA	347	2382
2383	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2350
2383	limit with 5% margin	Volney-Marcy	NA	NA	NA	2321
2383	limit with 5% margin	SBK Edic R70	NA	NA	NA	2401
2383	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2211
2383	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2374
2383	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2353
2383	limit with 5% margin	Ravenswood 3	NA	NA	NA	2475
2423 >E	Clay 345kV Voltage	SBK Marcy R3108	7.1	327.8	341.3	2325
2445 >E	Edic 345kV Voltage	SBK Marcy R3108	7.6	327.8	342.6	2341
2456	Millwood 345kV Voltage	Pre-Fault	95.5	NA	348	2456
2463 >E	St.Lawrence 230kV Voltage	Marcy South N.	12.1	218.5	232.1	3327
2474	Gordon Rd 345kV Voltage	Pre-Fault	25.4	NA	348	2474
2481 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.3	327.8	354.9	3329
2481 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.3	327.8	354.9	3329
2483	Gordon Rd 345kV Voltage	SBK Princetown 345	6.0	327.8	347.4	2304
2484	Clay 345kV Voltage	Volney-Marcy	2.2	327.8	335.2	2430
2485 >E	Somerset 345kV Voltage	Marcy South N.	8.4	327.8	350.6	3329
2502	Buchanan North 345kV Voltage	Pre-Fault	34.6	NA	346	2502
2505 >E	Watercure 230kV Voltage	Marcy South N.	10.0	207	232.1	3331

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2507	Edic 345kV Voltage	Volney-Marcy	2.7	327.8	333.1	2442
2509 >E	Marcy 345kV Voltage	Volney-Marcy	2.8	327.8	332.7	2444
2514 >E	Clay 345kV Voltage	SBK Edic R70	4.8	327.8	329.1	2532
2515 >E	Pannell Road 345kV Voltage	Volney-Marcy	4.0	327.8	336.2	2447
2517 >E	Clay 345kV Voltage	Ravenswood 3	4.7	327.8	328.4	2614
2518 >E	Clay 345kV Voltage	SBK Princetown 345	4.7	327.8	328.3	2335
2520 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	327.8	327.9	2487
2520 >E	Clay 345kV Voltage	N.Scot-Leeds 345	4.8	327.8	327.9	2484
2520 >E	Clay 345kV Voltage	Princetown-N.Scot 345	4.8	327.8	327.8	2511
2524 >E	Clay 345kV Voltage	Marcy South S.	9.3	327.8	333.2	3201
2524 >E	Clay 345kV Voltage	SBK Edic R945	8.6	327.8	333.2	1833
2524 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	8.6	327.8	333.2	1833
2526 >E	Edic 345kV Voltage	SBK Edic R70	5.1	327.8	328.9	2544
2528 >E	Clay 345kV Voltage	Ph2 DC 1500	9.8	327.8	332.9	2856
2528 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	12.4	327.8	339.7	2403
2528 >E	Oakdale 345kV Voltage	Pre-Fault	5.0	NA	335	2528
2530 >E	Edic 345kV Voltage	SBK Princetown 345	4.7	327.8	328.0	2346
2531 >E	Edic 345kV Voltage	Ravenswood 3	4.7	327.8	328.0	2626
2531 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	327.9	2499
2531 >E	Edic 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	327.8	2496
2531 >E	Edic 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	2522
2532 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	327.8	2496
2532 >E	Marcy 345kV Voltage	SBK Edic R70	4.7	327.8	327.8	2550
2532 >E	Marcy 345kV Voltage	SBK Princetown 345	4.7	327.8	327.8	2348
2532 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	2523
2532 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	327.8	2499
2532 >E	Marcy 345kV Voltage	Ravenswood 3	4.7	327.8	327.8	2628
2533 >E	Rock Tavern 345kV Voltage	Pre-Fault	18.8	NA	348	2533
2535 >E	Station 80 345kV Voltage	Volney-Marcy	5.3	327.8	337.0	2457
2537 >E	Coopers Corners 345kV Voltage	Pre-Fault	7.7	NA	338	2537
2542 >E	Edic 345kV Voltage	Marcy South S.	9.4	327.8	334.5	3216
2546 >E	Marcy 345kV Voltage	Marcy South S.	9.4	327.8	334.3	3220
2546 >E	Edic 345kV Voltage	SBK Edic R945	8.4	327.8	334.1	1849
2546 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	8.4	327.8	334.1	1849
2547 >E	Marcy 345kV Voltage	SBK Edic R945	8.4	327.8	334.3	1849
2547 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	8.4	327.8	334.3	1849
2547 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	10.6	327.8	331.5	1808
2547 >E	Oakdale 345kV Voltage	Volney-Marcy	3.3	320	331.2	2464

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2549 >E	Edic 345kV Voltage	Ph2 DC 1500	10.0	327.8	333.9	2875
2553 >E	Marcy 345kV Voltage	Ph2 DC 1500	10.0	327.8	333.8	2878
2554 >E	Fraser 345kV Voltage	Pre-Fault	6.3	NA	338	2554
2554 >E	New Scotland 345kV Voltage Alps	Pre-Fault	12.9	NA	348	2554
2554 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	12.9	NA	348	2554
2568 >E	St.Lawrence 230kV Voltage	Pre-Fault	15.8	NA	225	2568
2577 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	331.8	1829
2578 >E	Gilboa 345kV Voltage	Pre-Fault	13.4	NA	348	2578
2584 >E	Pannell Road 345kV Voltage	SBK Edic R70	9.1	327.8	328.7	2602
2584 >E	Pannell Road 345kV Voltage	Ravenswood 3	8.9	327.8	328.6	2678
2585 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	331.4	1834
2586 >E	Pannell Road 345kV Voltage	SBK Princetown 345	9.0	327.8	328.4	2395
2591 >E	Buchanan South 345kV Voltage	Pre-Fault	34.3	NA	346	2591
2591 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	9.2	327.8	327.9	2557
2591 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	9.2	327.8	327.9	2554
2592 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	9.2	327.8	327.8	2582
2593 >E	Station 80 345kV Voltage	SBK Marcy R3108	16.0	327.8	339.5	2452
2595 >E	Coopers Corners 345kV Voltage	Ravenswood 3	7.6	327.8	330.4	2689
2596 >E	Coopers Corners 345kV Voltage	Volney-Marcy	6.4	327.8	330.3	2490
2596 >E	Pleasant Valley 345kV Voltage	Pre-Fault	29.7	NA	348	2596
2597 >E	Oakdale 345kV Voltage	Ravenswood 3	4.9	320	321.2	2691
2598 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.9	320	321.1	2405
2601 >E	Oakdale 345kV Voltage	SBK Edic R70	5.0	320	320.4	2619
2602 >E	St.Lawrence 230kV Voltage	Volney-Marcy	10.4	218.5	222.8	2494
2602 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	320	320.2	2568
2603 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	5.0	320	320.2	2565
2603 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	5.0	320	320.1	2593
2606 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	7.6	327.8	329.0	2412
2607 >E	Coopers Corners 345kV Voltage	SBK Edic R70	7.7	327.8	328.8	2626
2612 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	7.7	327.8	328.2	2574
2613 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	7.7	327.8	328.0	2579
2615 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	7.7	327.8	327.9	2605
2618 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	6.3	327.8	327.8	2608
2618 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	6.3	327.8	327.8	2580
2618 >E	Fraser 345kV Voltage	Volney-Marcy	6.3	327.8	327.8	2502
2618 >E	Fraser 345kV Voltage	SBK Princetown 345	6.3	327.8	327.8	2423
2618 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	6.3	327.8	327.8	2584

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2618 >E	Fraser 345kV Voltage	SBK Edic R70	6.3	327.8	327.8	2636
2618 >E	Fraser 345kV Voltage	Ravenswood 3	6.3	327.8	327.8	2711
2619 >E	Pannell Road 345kV Voltage	SBK Edic R945	13.8	327.8	333.5	1902
2619 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	13.8	327.8	333.5	1902
2620 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	9.0	327.8	333.9	2586
2623 >E	Gordon Rd 345kV Voltage	Volney-Marcy	7.2	327.8	333.6	2505
2624 >E	Pannell Road 345kV Voltage	Marcy South S.	14.7	327.8	333.3	3286
2625 >E	Gordon Rd 345kV Voltage	Marcy South S.	16.6	327.8	342.1	3287
2635 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	16.2	327.8	332.7	2950
2636 >E	Ramapo 500kV Voltage	Ravenswood 3	38.8	500	504.8	2727
2636 >E	Niagara 230kV East Voltage	Pre-Fault	20.9	NA	225	2636
2636 >E	Niagara 230kV West Voltage	Pre-Fault	20.9	NA	225	2636
2640 >E	Ramapo 345kV Voltage	Pre-Fault	32.2	NA	346	2640
2643 >E	Station 80 345kV Voltage	Ravenswood 3	12.9	327.8	329.0	2735
2647 >E	Station 80 345kV Voltage	SBK Edic R70	13.2	327.8	328.7	2665
2648 >E	Coopers Corners 345kV Voltage	SBK Edic R945	13.3	327.8	336.9	1923
2648 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	13.3	327.8	336.9	1923
2650 >E	Station 80 345kV Voltage	SBK Princetown 345	13.1	327.8	328.5	2451
2655 >E	Marcy 345kV Voltage	SBK Marcy R3108	14.0	327.8	327.8	2498
2656 >E	St.Lawrence 230kV Voltage	SBK Edic R70	14.6	218.5	219.4	2674
2657 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	9.4	327.8	330.3	2618
2658 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	13.5	327.8	327.9	2622
2658 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	13.5	327.8	327.9	2619
2659 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	13.6	327.8	327.8	2648
2659 >E	Oakdale 345kV Voltage	SBK Edic R945	8.5	320	330.0	1931
2659 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	8.5	320	330.0	1931
2660 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	16.7	327.8	331.5	1884
2661 >E	Oakdale 345kV Voltage	SBK Marcy R3108	10.4	320	335.8	2503
2662 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	9.8	327.8	329.8	2651
2663 >E	St.Lawrence 230kV Voltage	Ravenswood 3	15.7	218.5	219.0	2754
2666 >E	Gordon Rd 345kV Voltage	Ravenswood 3	10.0	327.8	329.4	2757
2671 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	15.8	218.5	218.5	2660
2671 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	15.8	218.5	218.5	2635
2671 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	15.8	218.5	218.5	2631
2672 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	15.9	218.5	218.4	2470
2679 >E	Station 80 345kV Voltage	SBK Edic R945	17.3	327.8	333.6	1945
2679 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	17.3	327.8	333.6	1945
2683 >E	Niagara 230kV East Voltage	Volney-Marcy	14.9	218.5	222.8	2538

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\3MSSC_OP\Sum2023_CEVC_PH2_00_3MSSC_OP.xlsx

1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2683 >E	Niagara 230kV West Voltage	Volney-Marcy	14.9	218.5	222.8	2538
2688 >E	Ladentown 345kV Voltage	Pre-Fault	32.6	NA	346	2688
2688 >E	Station 80 345kV Voltage	Marcy South S.	18.4	327.8	333.3	3340
2692 >E	Gordon Rd 345kV Voltage	SBK Edic R70	10.6	327.8	326.9	2710
2697 >E	Station 80 345kV Voltage	Ph2 DC 1500	20.5	327.8	333.0	3003
2704 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	16.9	327.8	334.1	1914
2708 >E	Oakdale 345kV Voltage	Ph2 DC 1500	10.5	320	325.9	3013
2709 >E	Fraser 345kV Voltage	SBK Edic R945	10.7	327.8	335.6	1968
2709 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	10.7	327.8	335.6	1968
2711 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	10.6	320	325.7	1919
2712 >E	Oakdale 345kV Voltage	Marcy South S.	10.1	320	325.7	3360
2726 >E	Ramapo 500kV Voltage	Ph2 DC 1500	64.0	500	505.7	3028
2733 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	21.0	327.8	331.6	1933
2736 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	9.8	327.8	333.8	2566
2736 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	9.8	327.8	333.8	2566
2743 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	18.9	327.8	337.4	3043
2748 >E	Roseton 345kV Voltage	Pre-Fault	30.4	NA	345	2748
2755 >E	Niagara 230kV East Voltage	Ravenswood 3	20.0	218.5	219.3	2842
2755 >E	Niagara 230kV West Voltage	Ravenswood 3	20.0	218.5	219.3	2842
2758 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	11.2	327.8	332.1	2716
2758 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	11.2	327.8	332.1	2716
2763 >E	Niagara 230kV East Voltage	SBK Edic R70	20.4	218.5	218.9	2781
2763 >E	Niagara 230kV West Voltage	SBK Edic R70	20.4	218.5	218.9	2781
2763 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	17.3	327.8	331.0	3060
2766 >E	Niagara 345kV Voltage	Marcy South N.	16.3	327.8	354.9	3352
2767 >E	Niagara 230kV East Voltage	SBK Princetown 345	20.6	218.5	218.7	2553
2767 >E	Niagara 230kV West Voltage	SBK Princetown 345	20.6	218.5	218.7	2553
2771 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	20.8	218.5	218.5	2734
2771 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	20.8	218.5	218.5	2734
2771 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	20.9	218.5	218.5	2729
2771 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	20.9	218.5	218.5	2729
2772 >E	Bowline 1 345kV Voltage	Pre-Fault	32.6	NA	345	2772
2772 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	20.9	218.5	218.5	2761
2772 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	20.9	218.5	218.5	2761
2772 >E	Leeds 345kV Voltage	Pre-Fault	23.9	NA	345	2772
2777 >E	Niagara 230kV East Voltage	Marcy South N.	32.8	218.5	232.6	3353
2777 >E	Niagara 230kV West Voltage	Marcy South N.	32.8	218.5	232.6	3353
2777 >E	Ramapo 500kV Voltage	Volney-Marcy	35.7	500	501.6	2588
2787 >E	Bowline 2 345kV Voltage	Pre-Fault	32.5	NA	345	2787

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2789 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	18.5	327.8	335.8	2599
2796 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	12.6	327.8	329.2	2882
2796 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	12.6	327.8	329.2	2882
2815 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	13.0	327.8	327.7	2833
2815 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	13.0	327.8	327.7	2833
2816 >E	New Scotland 345kV Voltage Alps	Prinetown-N.Scot 345	12.9	327.8	327.6	2805
2816 >E	New Scotland 345kV Voltage Gilb	Prinetown-N.Scot 345	12.9	327.8	327.6	2805
2819 >E	Gilboa 345kV Voltage	Volney-Marcy	12.3	327.8	329.9	2611
2822 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	13.1	327.8	327.2	2783
2822 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	13.1	327.8	327.2	2783
2828 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	12.8	327.8	329.3	2783
2832 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	42.3	500	500.3	2788
2832 >E	Ramapo 500kV Voltage	SBK Prinetown 345	42.7	500	500.3	2610
2833 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	15.9	327.8	327.8	2000
2833 >E	Fraser 345kV Voltage	Marcy South S.	15.9	327.8	327.8	3463
2833 >E	Fraser 345kV Voltage	Ph2 DC 1500	15.9	327.8	327.8	3121
2837 >E	Rock Tavern 345kV Voltage	Ravenswood 3	17.9	327.8	331.8	2921
2839 >E	Gilboa 345kV Voltage	Ravenswood 3	13.2	327.8	328.5	2923
2839 >E	Ramapo 500kV Voltage	SBK Edic R70	43.0	500	500.1	2857
2842 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	43.1	500	500.1	2803
2844 >E	Ramapo 500kV Voltage	Prinetown-N.Scot 345	43.2	500	500.0	2833
2845 >E	Ramapo 500kV Voltage	Pre-Fault	43.2	NA	500	2845
2848 >E	Gilboa 345kV Voltage	Prinetown-N.Scot 345	13.4	327.8	327.8	2836
2849 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	13.4	327.8	327.7	2809
2850 >E	Gilboa 345kV Voltage	SBK Edic R70	13.4	327.8	327.6	2868
2852 >E	Gilboa 345kV Voltage	Marcy South N.	18.6	327.8	348.5	3359
2857 >E	Ramapo 500kV Voltage	Marcy South N.	61.7	500	506.1	3359
2857 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	22.4	327.8	332.9	2016
2862 >E	Gilboa 345kV Voltage	SBK Prinetown 345	13.6	327.8	326.7	2636
2865 >E	New Scotland 345kV Voltage Alps	Marcy South S.	22.0	327.8	341.9	3490
2865 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	22.0	327.8	341.9	3490
2868 >E	Dunwoodie 345kV Voltage	Ravenswood 3	35.1	327.8	335.5	2951
2869 >E	Sprain Brook 345kV Voltage	Ravenswood 3	34.9	327.8	335.5	2952
2870 >E	Rock Tavern 345kV Voltage	Volney-Marcy	16.7	327.8	330.1	2638
2894 >E	New Scotland 345kV Voltage Alps	SBK Prinetown 345	14.4	327.8	321.5	2664
2894 >E	New Scotland 345kV Voltage Gilb	SBK Prinetown 345	14.4	327.8	321.5	2664
2897 >E	Somerset 345kV Voltage	Volney-Marcy	19.6	327.8	355.7	2653

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2903 >E	Buchanan North 345kV Voltage	Ravenswood 3	31.0	327.8	334.4	2985
2903 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	18.6	327.8	328.3	2672
2904 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	18.6	327.8	328.2	2858
2905 >E	Rock Tavern 345kV Voltage	SBK Edic R70	18.8	327.8	328.2	2923
2910 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	18.8	327.8	327.9	2870
2912 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	18.8	327.8	327.8	2900
2912 >E	Fraser 345kV Voltage	SBK Marcy R3108	18.5	327.8	327.8	2691
2928 >E	Millwood 345kV Voltage	Ravenswood 3	31.2	327.8	335.0	3008
2930 >E	Leeds 345kV Voltage	Marcy South N.	20.9	327.8	352.9	3365
2954 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	67.3	500	503.2	2145
2954 >E	Ramapo 500kV Voltage	SBK Edic R945	67.3	500	503.2	2145
2955 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	23.7	327.8	324.5	2724
2960 >E	Gardenville 230kV Voltage	Marcy South N.	25.9	207	231.9	3367
2974 >E	Buchanan South 345kV Voltage	Ravenswood 3	30.6	327.8	334.8	3053
3024 >E	Fraser 345kV Voltage	Marcy South N.	23.8	327.8	327.8	3373
3033 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	78.3	500	502.3	2135
3038 >E	Watercure 230kV Voltage	Volney-Marcy	23.2	207	233.2	2729
3041 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	25.2	327.8	336.4	3301
3041 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	25.2	327.8	336.4	3301
3045 >E	Ramapo 345kV Voltage	Ravenswood 3	29.7	327.8	333.4	3121
3054 >E	St.Lawrence 230kV Voltage	SBK Edic R945	48.4	218.5	223.2	2218
3054 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	48.4	218.5	223.2	2218
3055 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	50.7	218.5	222.1	2798
3061 >E	Gilboa 345kV Voltage	Marcy South S.	26.6	327.8	338.1	3656
3075 >E	Ladentown 345kV Voltage	Ravenswood 3	29.7	327.8	334.1	3150
3078 >E	Buchanan North 345kV Voltage	Volney-Marcy	31.5	327.8	329.3	2751
3079 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	28.2	327.8	331.7	3154
3086 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	55.6	218.5	222.7	3340
3115 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	33.9	327.8	328.3	3063
3116 >E	St.Lawrence 230kV Voltage	Marcy South S.	53.4	218.5	222.4	3702
3121 >E	Bowline 1 345kV Voltage	Ravenswood 3	29.7	327.8	334.3	3194
3127 >E	Buchanan North 345kV Voltage	SBK Edic R70	34.6	327.8	327.9	3145
3131 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	34.6	327.8	327.8	3086
3132 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	34.6	327.8	327.8	3119
3133 >E	Somerset 345kV Voltage	SBK Marcy R3108	33.0	327.8	342.4	2856
3134 >E	Buchanan North 345kV Voltage	SBK Princetown 345	34.7	327.8	327.7	2873
3134 >E	Bowline 2 345kV Voltage	Ravenswood 3	29.6	327.8	334.3	3206
3144 >E	Millwood 345kV Voltage	Volney-Marcy	33.0	327.8	328.9	2786
3151 >E	Gilboa 345kV Voltage	SBK Edic R945	25.2	327.8	335.4	2289

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3151 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	25.2	327.8	335.4	2289
3152 >E	Sprain Brook 345kV Voltage	Volney-Marcy	38.6	327.8	328.5	2790
3153 >E	Dunwoodie 345kV Voltage	Volney-Marcy	38.9	327.8	328.5	2791
3155 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	27.8	327.8	329.2	2792
3156 >E	Ramapo 345kV Voltage	Volney-Marcy	29.0	327.8	330.0	2793
3156 >E	Roseton 345kV Voltage	Ravenswood 3	28.8	327.8	331.6	3228
3160 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	34.3	327.8	328.4	3107
3162 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	39.7	327.8	328.3	3108
3162 >E	Niagara 230kV East Voltage	SBK Edic R945	49.5	218.5	221.1	2297
3162 >E	Niagara 230kV West Voltage	SBK Edic R945	49.5	218.5	221.1	2297
3162 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	49.5	218.5	221.1	2297
3162 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	49.5	218.5	221.1	2297
3162 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	40.0	327.8	328.3	3109
3165 >E	Buchanan South 345kV Voltage	Volney-Marcy	31.7	327.8	329.2	2798
3165 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	28.6	327.8	328.8	3112
3171 >E	Niagara 230kV East Voltage	Marcy South S.	50.3	218.5	221.0	3749
3171 >E	Niagara 230kV West Voltage	Marcy South S.	50.3	218.5	221.0	3749
3178 >E	Millwood 345kV Voltage	SBK Edic R70	35.3	327.8	327.9	3196
3178 >E	Sprain Brook 345kV Voltage	SBK Edic R70	40.8	327.8	327.9	3196
3179 >E	Dunwoodie 345kV Voltage	SBK Edic R70	41.0	327.8	327.9	3197
3182 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	35.3	327.8	327.8	3169
3182 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	40.8	327.8	327.8	3169
3183 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	41.0	327.8	327.8	3169
3184 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	35.3	327.8	327.7	3137
3184 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	40.8	327.8	327.7	3137
3184 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	23.9	327.8	327.8	3130
3184 >E	Leeds 345kV Voltage	Volney-Marcy	23.9	327.8	327.8	2808
3184 >E	Leeds 345kV Voltage	SBK Edic R70	23.9	327.8	327.8	3202
3184 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	23.9	327.8	327.8	3171
3184 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	23.9	327.8	327.8	3137
3184 >E	Leeds 345kV Voltage	Ravenswood 3	23.9	327.8	327.8	3255
3184 >E	Leeds 345kV Voltage	SBK Princetown 345	23.9	327.8	327.8	2917
3185 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	41.1	327.8	327.7	3138
3188 >E	Niagara 230kV East Voltage	Ph2 DC 1500	53.2	218.5	220.7	3429
3188 >E	Niagara 230kV West Voltage	Ph2 DC 1500	53.2	218.5	220.7	3429
3194 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	33.4	327.8	328.4	3139
3195 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	29.8	327.8	327.8	3213

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3197 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	29.8	327.8	327.7	3184
3200 >E	Millwood 345kV Voltage	SBK Princetown 345	35.7	327.8	327.3	2931
3201 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	41.3	327.8	327.3	2932
3201 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	29.9	327.8	327.6	3154
3202 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	41.6	327.8	327.3	2933
3209 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	28.6	327.8	331.8	2914
3209 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	28.6	327.8	331.8	2914
3210 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	31.6	327.8	328.3	3155
3210 >E	Buchanan South 345kV Voltage	SBK Edic R70	34.3	327.8	327.9	3228
3211 >E	Ladentown 345kV Voltage	Volney-Marcy	29.5	327.8	330.0	2822
3215 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	34.3	327.8	327.8	3201
3215 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	60.1	218.5	221.1	2257
3215 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	53.1	218.5	220.2	2257
3215 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	53.1	218.5	220.2	2257
3215 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	34.3	327.8	327.8	3168
3217 >E	Roseton 345kV Voltage	Volney-Marcy	28.1	327.8	329.6	2826
3220 >E	Ramapo 345kV Voltage	SBK Edic R70	32.2	327.8	328.0	3238
3222 >E	Ramapo 345kV Voltage	SBK Princetown 345	32.1	327.8	327.9	2950
3225 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	32.2	327.8	327.8	3177
3226 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	32.2	327.8	327.8	3212
3226 >E	Buchanan South 345kV Voltage	SBK Princetown 345	34.6	327.8	327.4	2954
3226 >E	Rock Tavern 345kV Voltage	SBK Edic R945	35.1	327.8	334.7	2344
3226 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	35.1	327.8	334.7	2344
3233 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	30.6	327.8	326.5	2961
3254 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	29.8	327.8	328.4	3198
3257 >E	Bowline 1 345kV Voltage	Volney-Marcy	29.5	327.8	330.1	2847
3263 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	32.0	327.8	328.4	3206
3267 >E	Roseton 345kV Voltage	SBK Edic R70	30.4	327.8	327.9	3285
3269 >E	Bowline 2 345kV Voltage	Volney-Marcy	29.4	327.8	330.2	2854
3271 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	29.5	327.8	329.2	2376
3271 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	29.5	327.8	329.2	2376
3271 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	29.5	327.8	329.2	2376
3271 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	29.5	327.8	329.2	2376
3272 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	30.4	327.8	327.8	3258
3272 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	30.4	327.8	327.8	3224
3276 >E	Ladentown 345kV Voltage	SBK Edic R70	32.6	327.8	328.0	3295
3280 >E	Gilboa 345kV Voltage	Ph2 DC 1500	30.7	327.8	331.6	3508

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3280 >E	Roseton 345kV Voltage	SBK Princetown 345	30.6	327.8	327.5	3002
3281 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	32.6	327.8	327.8	3232
3282 >E	Ladentown 345kV Voltage	SBK Princetown 345	32.6	327.8	327.8	3003
3282 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	32.6	327.8	327.8	3268
3287 >E	Pleasant Valley 345kV Voltage	Marcy South N.	40.5	327.8	346.6	3394
3312 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	31.9	327.8	328.4	3254
3326 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	31.9	327.8	328.4	3268
3327 >E	Bowline 1 345kV Voltage	SBK Edic R70	32.6	327.8	328.0	3345
3330 >E	Gordon Rd 345kV Voltage	SBK Edic R945	32.2	327.8	314.3	2419
3330 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	32.2	327.8	314.3	2419
3331 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	32.6	327.8	327.8	3282
3332 >E	Bowline 1 345kV Voltage	SBK Princetown 345	32.6	327.8	327.8	3047
3332 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	32.6	327.8	327.8	3318
3341 >E	Bowline 2 345kV Voltage	SBK Edic R70	32.5	327.8	328.0	3359
3346 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	32.5	327.8	327.8	3296
3346 >E	Bowline 2 345kV Voltage	SBK Princetown 345	32.5	327.8	327.8	3059
3346 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	32.5	327.8	327.8	3332
3364 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	32.9	327.8	329.0	2357
3392 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	42.4	327.8	331.1	2376
3392 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	40.4	327.8	331.1	3605
3417 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	34.8	327.8	324.6	2392
3417 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	34.8	327.8	324.6	2392
3431 >E	Gilboa 345kV Voltage	SBK Marcy R3108	34.3	327.8	329.5	3080
3491 >E	Ramapo 500kV Voltage	Marcy South S.	124.0	500	497.2	4020
3550 >E	Somerset 345kV Voltage	SBK Edic R945	49.5	327.8	341.0	2579
3550 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	49.5	327.8	341.0	2580
3605 >E	Watercure 230kV Voltage	SBK Marcy R3108	49.7	207	226.6	3211
3620 >E	Coopers Corners 345kV Voltage	Marcy South N.	45.1	327.8	307.2	3421
3632 >E	Somerset 345kV Voltage	Marcy South S.	53.7	327.8	340.2	4139
3680 >E	Leeds 345kV Voltage	Marcy South S.	46.1	327.8	337.6	4180
3724 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	69.4	327.8	332.3	3893
3730 >E	Ramapo 500kV Voltage	SBK Marcy R3108	144.4	500	500.9	3304
3739 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	69.3	327.8	332.1	2717
3739 >E	Buchanan North 345kV Voltage	SBK Edic R945	69.3	327.8	332.1	2717
3855 >E	Ramapo 345kV Voltage	SBK Edic R945	61.9	327.8	333.7	2802
3856 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	61.9	327.8	333.7	2802
3857 >E	Somerset 345kV Voltage	Ph2 DC 1500	67.4	327.8	338.3	4008
3882 >E	Watercure 230kV Voltage	SBK Edic R945	58.3	207	226.8	2821

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3883 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	58.3	207	226.8	2821
3903 >E	Ramapo 345kV Voltage	Ph2 DC 1500	64.2	327.8	333.1	4048
3960 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	67.7	327.8	337.3	2757
3981 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	82.0	327.8	329.3	2772
3982 >E	Gardenville 230kV Voltage	Volney-Marcy	57.3	207	238.2	3239
3991 >E	Roseton 345kV Voltage	Marcy South N.	60.3	327.8	343.2	3451
3996 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	62.4	327.8	324.7	3503
4001 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	72.2	327.8	332.3	4133
4019 >E	Ladentown 345kV Voltage	SBK Edic R945	64.6	327.8	333.5	2920
4019 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	64.6	327.8	333.5	2920
4020 >E	Millwood 345kV Voltage	Ph2 DC 1500	77.2	327.8	331.6	4149
4028 >E	Millwood 345kV Voltage	Marcy South N.	79.7	327.8	340.1	3453
4033 >E	Ladentown 345kV Voltage	Ph2 DC 1500	65.7	327.8	333.4	4161
4057 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	74.4	327.8	331.7	2948
4057 >E	Buchanan South 345kV Voltage	SBK Edic R945	74.4	327.8	331.7	2948
4069 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	91.1	327.8	330.9	4192
4076 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	66.3	327.8	332.2	4198
4084 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	92.1	327.8	330.8	4205
4106 >E	Millwood 345kV Voltage	SBK Edic R945	81.5	327.8	330.7	2984
4106 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	81.5	327.8	330.7	2984
4120 >E	Bowline 1 345kV Voltage	SBK Edic R945	64.6	327.8	333.9	2994
4120 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	64.6	327.8	333.9	2994
4137 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	65.6	327.8	333.7	4251
4142 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	74.3	327.8	330.0	2879
4148 >E	Bowline 2 345kV Voltage	SBK Edic R945	64.5	327.8	334.0	3015
4148 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	64.5	327.8	334.0	3015
4153 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	96.6	327.8	330.2	3018
4153 >E	Sprain Brook 345kV Voltage	SBK Edic R945	96.6	327.8	330.2	3018
4166 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	65.5	327.8	333.8	4276
4168 >E	Dunwoodie 345kV Voltage	SBK Edic R945	97.9	327.8	330.1	3029
4168 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	97.9	327.8	330.1	3029
4170 >E	Sprain Brook 345kV Voltage	Marcy South N.	98.1	327.8	338.0	3465
4170 >E	Dunwoodie 345kV Voltage	Marcy South N.	98.6	327.8	338.0	3465
4183 >E	Roseton 345kV Voltage	SBK Edic R945	66.0	327.8	332.2	3040
4184 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	66.0	327.8	332.2	3040
4213 >E	Pleasant Valley 345kV Voltage	Marcy South S.	82.1	327.8	330.5	4631
4224 >E	Buchanan North 345kV Voltage	Marcy South N.	89.3	327.8	336.7	3469
4232 >E	Roseton 345kV Voltage	Ph2 DC 1500	67.6	327.8	331.6	4333
4277 >E	Buchanan South 345kV Voltage	Marcy South N.	84.1	327.8	340.0	3474
4277 >E	Rainey 345kV Voltage	Ravenswood 3	86.4	327.8	340.9	4305
4278 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	60.9	327.8	327.8	3109

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4278 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	60.9	327.8	327.8	2971
4278 >E	Leeds 345kV Voltage	SBK Edic R945	60.9	327.8	327.8	3109
4278 >E	Leeds 345kV Voltage	Ph2 DC 1500	60.9	327.8	327.8	4373
4317 >E	Leeds 345kV Voltage	SBK Marcy R3108	61.8	327.8	327.8	3744
4327 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	77.1	327.8	329.8	3004
4334 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	74.8	327.8	328.9	3150
4334 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	74.8	327.8	328.9	3150
4349 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	87.6	327.8	328.5	3018
4382 >E	Farragut 345kV Voltage	Ravenswood 3	91.1	327.8	340.1	4407
4396 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	95.3	327.8	327.7	3050
4398 >E	Gardenville 230kV Voltage	SBK Edic R945	73.8	207	215.4	3197
4398 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	73.8	207	215.4	3197
4442 >E	Gardenville 230kV Voltage	Marcy South S.	76.3	207	214.9	4825
4450 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	77.1	327.8	329.8	3086
4451 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	112.9	327.8	327.5	3087
4464 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	76.5	327.8	328.7	3096
4465 >E	Rock Tavern 345kV Voltage	Marcy South N.	75.7	327.8	327.8	3489
4469 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	114.4	327.8	327.4	3099
4484 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	77.0	327.8	329.9	3109
4539 >E	Niagara 345kV Voltage	SBK Marcy R3108	74.1	327.8	344.8	3910
4586 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	84.4	327.8	325.8	3177
4660 >E	Rainey 345kV Voltage	Pre-Fault	132.2	NA	338	4660
4668 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	88.6	327.8	326.8	4007
4670 >E	Farragut 345kV Voltage	Pre-Fault	137.2	NA	338	4670
4699 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	85.0	207	212.5	3254
4752 >E	Gardenville 230kV Voltage	Ph2 DC 1500	86.5	207	212.0	4783
4783 >E	Ramapo 345kV Voltage	Marcy South N.	94.9	327.8	336.9	3514
4805 >E	Watercure 230kV Voltage	Marcy South S.	93.2	207	223.1	5132
4995 >E	Ladentown 345kV Voltage	Marcy South N.	99.2	327.8	339.1	3531
5012 >E	Roseton 345kV Voltage	SBK Marcy R3108	94.7	327.8	325.7	4265
5044 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	129.9	327.8	326.0	4289
5065 >E	Watercure 230kV Voltage	Ph2 DC 1500	109.5	207	222.0	5055
5193 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	111.3	207	221.5	3586
5194 >E	Niagara 230kV East Voltage	SBK Marcy R3108	188.8	218.5	227.4	4401
5194 >E	Niagara 230kV West Voltage	SBK Marcy R3108	188.8	218.5	227.4	4401
5210 >E	Goethals 345kV Voltage	Ravenswood 3	124.1	327.8	338.9	5203
5291 >E	Millwood 345kV Voltage	SBK Marcy R3108	134.7	327.8	325.7	4473
5363 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	158.9	327.8	325.6	4528
5364 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	158.2	327.8	325.7	4529
5371 >E	Goethals 345kV Voltage	Pre-Fault	185.4	NA	338	5371
5424 >E	Ramapo 345kV Voltage	SBK Marcy R3108	122.6	327.8	325.5	4573

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Interface: Central East

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1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5432 >E	Bowline 1 345kV Voltage	Marcy South N.	109.4	327.8	339.9	3567
5464 >E	Bowline 2 345kV Voltage	Marcy South N.	108.9	327.8	340.1	3569
5500 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	135.1	327.8	325.7	4631
5624 >E	Roseton 345kV Voltage	Marcy South S.	117.5	327.8	313.9	5825
5755 >E	Millwood 345kV Voltage	Marcy South S.	161.1	327.8	313.5	5936
5834 >E	Coopers Corners 345kV Voltage	Marcy South S.	83.0	327.8	173.4	6003
5841 >E	Rainey 345kV Voltage	Volney-Marcy	125.6	327.8	329.1	4242
5869 >E	Dunwoodie 345kV Voltage	Marcy South S.	192.0	327.8	315.1	6032
5887 >E	Sprain Brook 345kV Voltage	Marcy South S.	191.4	327.8	314.7	6048
5899 >E	Farragut 345kV Voltage	Volney-Marcy	130.4	327.8	329.0	4274
5918 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	128.9	327.8	328.5	5786
5978 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	133.8	327.8	328.5	5844
6006 >E	Rainey 345kV Voltage	SBK Edic R70	132.3	327.8	327.8	6025
6013 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	132.4	327.8	327.8	5984
6019 >E	Ladentown 345kV Voltage	SBK Marcy R3108	139.0	327.8	325.5	5019
6019 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	132.6	327.8	327.7	5912
6068 >E	Farragut 345kV Voltage	SBK Edic R70	137.3	327.8	327.8	6087
6074 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	137.4	327.8	327.8	6045
6077 >E	Rainey 345kV Voltage	SBK Princetown 345	134.4	327.8	327.3	5446
6081 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	137.6	327.8	327.7	5973
6140 >E	Farragut 345kV Voltage	SBK Princetown 345	139.5	327.8	327.3	5501
6373 >E	Rock Tavern 345kV Voltage	Marcy South S.	125.9	327.8	266.5	6459
6442 >E	Buchanan South 345kV Voltage	Marcy South S.	174.6	327.8	305.1	6518
6560 >E	Buchanan North 345kV Voltage	Marcy South S.	188.9	327.8	299.4	6617
6640 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	153.6	327.8	325.4	5484
6683 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	152.8	327.8	325.4	5517
7055 >E	Goethals 345kV Voltage	Volney-Marcy	177.0	327.8	328.9	4897
7139 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	180.7	327.8	328.5	6973
7260 >E	Goethals 345kV Voltage	SBK Edic R70	185.5	327.8	327.8	7279
7265 >E	Gardenville 230kV Voltage	SBK Marcy R3108	183.1	207	228.7	5953
7267 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	185.6	327.8	327.8	7231
7277 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	185.9	327.8	327.7	7144
7354 >E	Goethals 345kV Voltage	SBK Princetown 345	188.5	327.8	327.3	6563
8158 >E	Ramapo 345kV Voltage	Marcy South S.	211.7	327.8	279.4	7970
8491 >E	Ladentown 345kV Voltage	Marcy South S.	219.6	327.8	278.7	8252
9582 >E	Bowline 1 345kV Voltage	Marcy South S.	246.2	327.8	266.8	9175
9619 >E	Bowline 2 345kV Voltage	Marcy South S.	243.9	327.8	266.7	9206
9788 >E	Rainey 345kV Voltage	Ph2 DC 1500	273.4	327.8	333.9	9146

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
9856 >E	Farragut 345kV Voltage	Ph2 DC 1500	281.6	327.8	333.9	9205
10584 >E	Rainey 345kV Voltage	SBK Edic R945	303.2	327.8	331.6	7698
10591 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	303.4	327.8	331.6	7702
10693 >E	Farragut 345kV Voltage	SBK Edic R945	313.4	327.8	331.6	7776
10696 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	313.6	327.8	331.6	7778
10759 >E	Northport 138kV Voltage	Pre-Fault	935.9	NA	135	10759
11041 >E	Rainey 345kV Voltage	Marcy South N.	320.8	327.8	343.3	4019
11123 >E	Farragut 345kV Voltage	Marcy South N.	330.5	327.8	342.9	4025
11938 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	353.2	327.8	327.8	8115
12063 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	365.1	327.8	327.9	8199
12083 >E	Goethals 345kV Voltage	Ph2 DC 1500	371.9	327.8	334.6	11135
12410 >E	Northport 138kV Voltage	Ravenswood 3	795.9	131.1	133.2	12125
13537 >E	Goethals 345kV Voltage	SBK Edic R945	428.0	327.8	331.7	9846
13544 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	428.2	327.8	331.7	9850
14026 >E	Northport 138kV Voltage	Volney-Marcy	905.2	131.1	131.5	8660
14149 >E	Northport 138kV Voltage	N.Scot-Leeds 345	915.6	131.1	131.4	13784
14363 >E	Goethals 345kV Voltage	Marcy South N.	460.4	327.8	342.8	4287
14411 >E	Northport 138kV Voltage	SBK Edic R70	936.3	131.1	131.1	14429
14420 >E	Northport 138kV Voltage	Princetown-N.Scot 345	936.7	131.1	131.1	14344
14437 >E	Northport 138kV Voltage	361-362 D1b Ckt Twr 345	938.0	131.1	131.1	14150
14586 >E	Northport 138kV Voltage	SBK Princetown 345	949.1	131.1	130.9	12885

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\3MSSC_OP\Sum2023_CEVC_PH2_00_3MSSC_OP.xlsx

1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
15372 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	498.3	327.8	328.1	10422
16572 >E	Rainey 345kV Voltage	SBK Marcy R3108	522.2	327.8	324.6	12927
16864 >E	Farragut 345kV Voltage	SBK Marcy R3108	543.9	327.8	324.7	13145
18415 >E	Rainey 345kV Voltage	Marcy South S.	592.6	327.8	309.6	16651
18628 >E	Farragut 345kV Voltage	Marcy South S.	612.7	327.8	310.0	16832
22086 >E	Watercure 230kV Voltage	Ravenswood 3	780.9	207	255.4	21428
22174 >E	Goethals 345kV Voltage	SBK Marcy R3108	757.0	327.8	324.4	17125
24432 >E	Goethals 345kV Voltage	Marcy South S.	845.9	327.8	310.1	21744
26092 >E	Northport 138kV Voltage	Ph2 DC 1500	1853.1	131.1	136.4	23271
36405 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	2659.4	131.1	133.2	26484
36405 >E	Northport 138kV Voltage	SBK Edic R945	2659.4	131.1	133.2	26486
42123 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	3106.2	131.1	131.3	28387
43812 >E	Northport 138kV Voltage	Marcy South N.	3263.3	131.1	138.1	6660
49985 >E	Northport 138kV Voltage	SBK Marcy R3108	3742.2	131.1	129.6	37964
88019 >E	Northport 138kV Voltage	Marcy South S.	6707.2	131.1	116.9	75563
91407 >E	Watercure 230kV Voltage	SBK Princetown 345	3510.7	207	336.2	80042
99998 >E	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
99998 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\3MSSC_OP\Sum2023_CEVC_PH2_00_3MSSC_OP.xlsx

1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

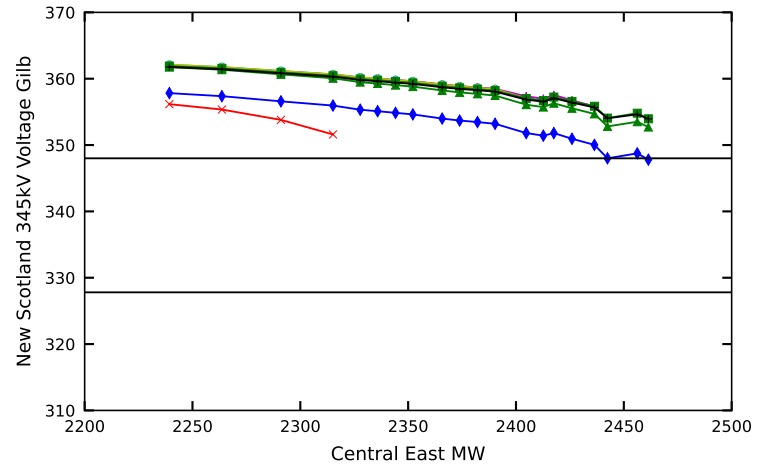
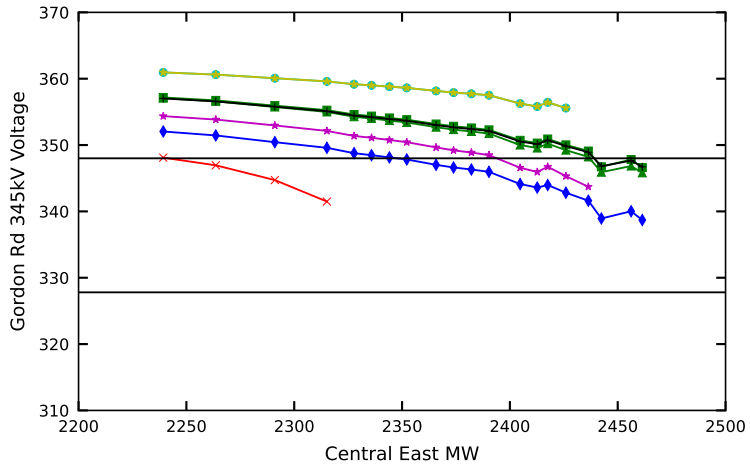
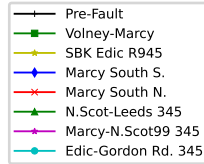
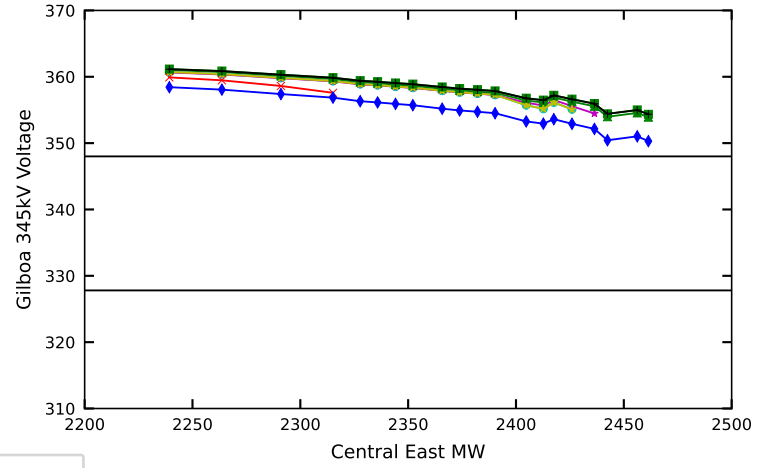
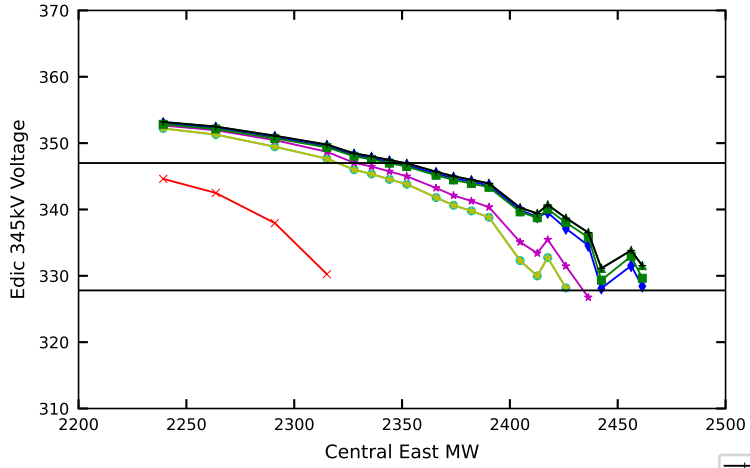
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\3MSSC_OP\Sum2023_CEVC_PH2_00_3MSSC_OP.xlsx

1: 2023S CEVC PH2 CE2170 MS2270 DE1300 00 3MSSC_OP

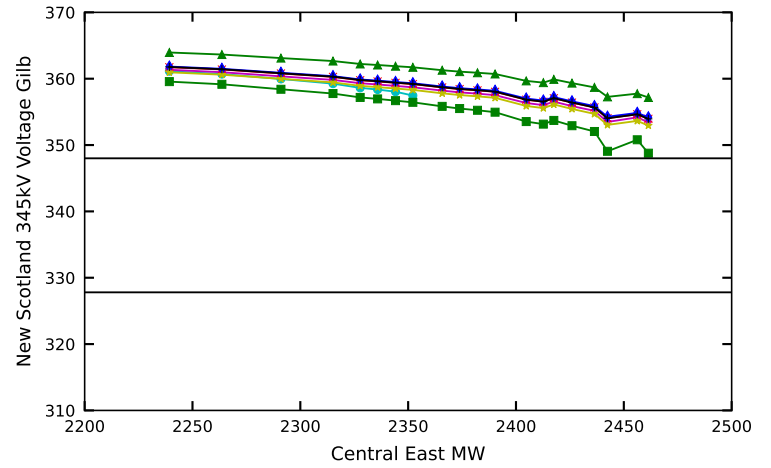
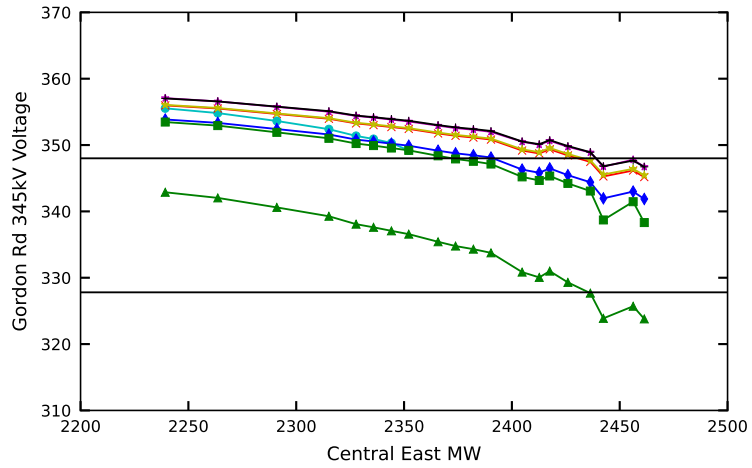
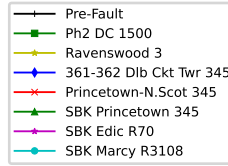
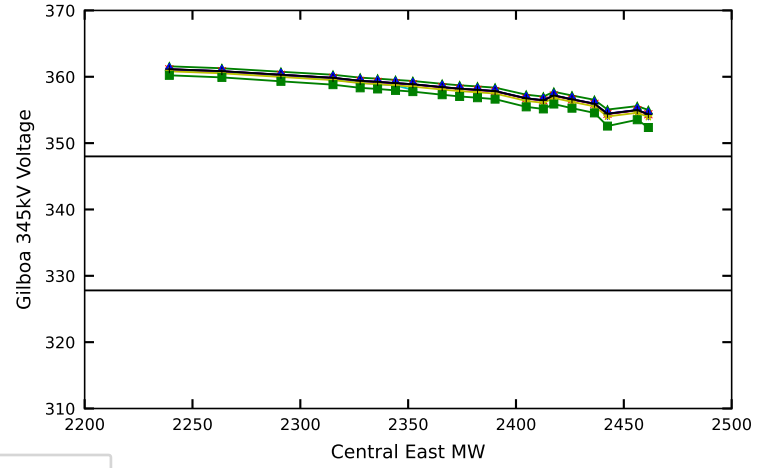
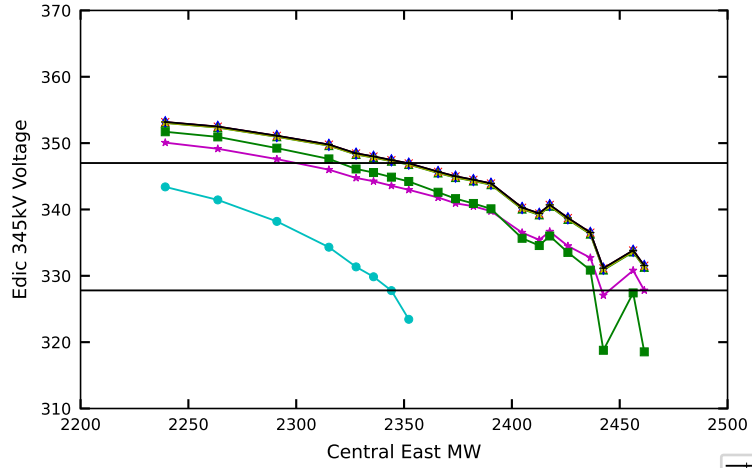
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				<-Post->	<-Pre->	
99998 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

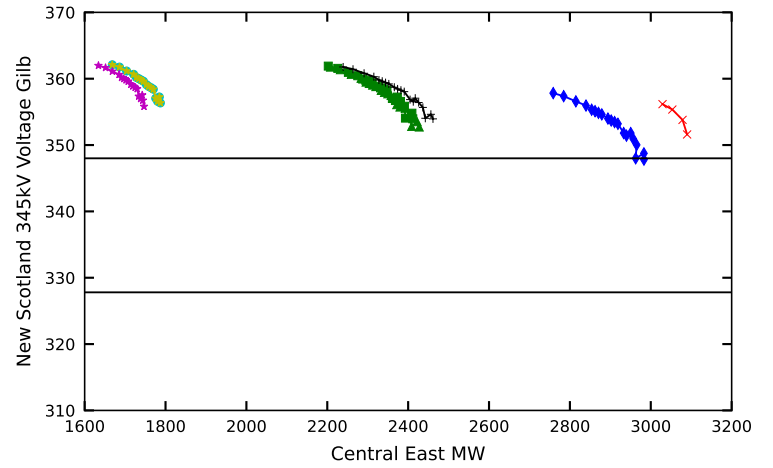
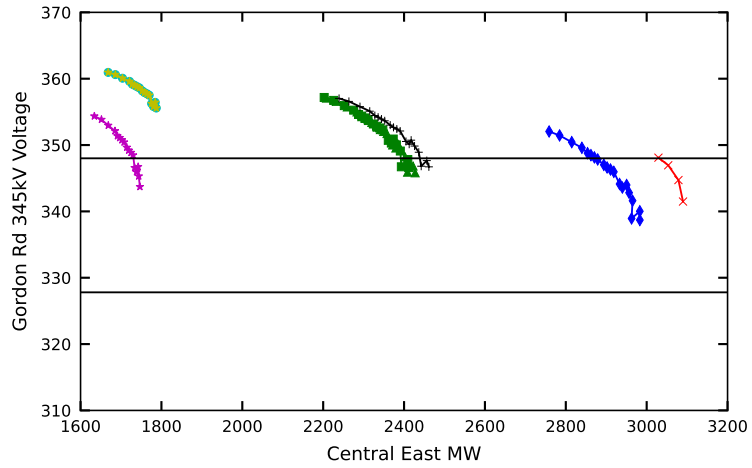
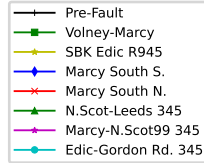
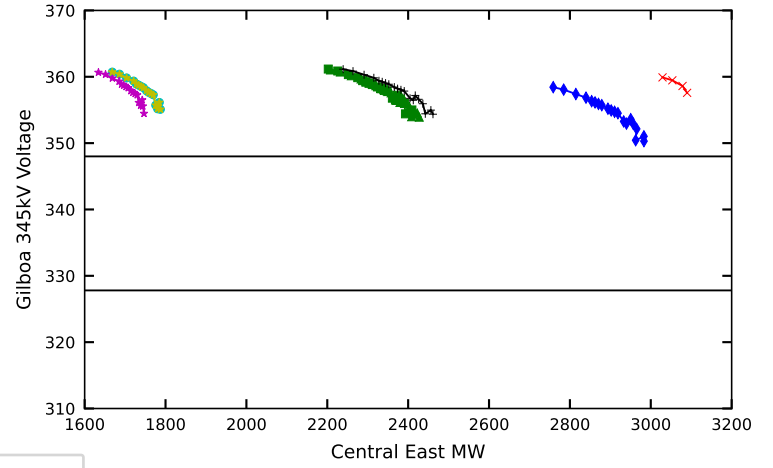
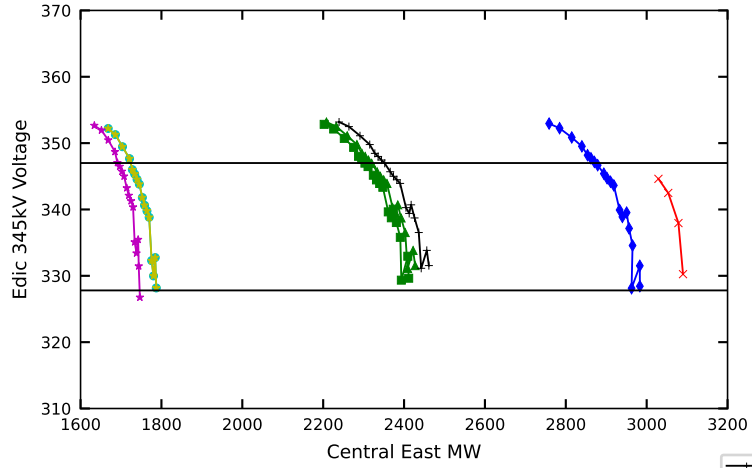
1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S Figure 1



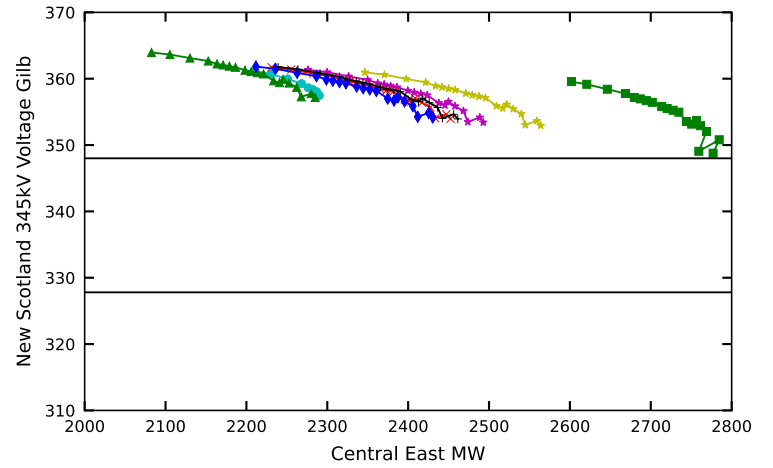
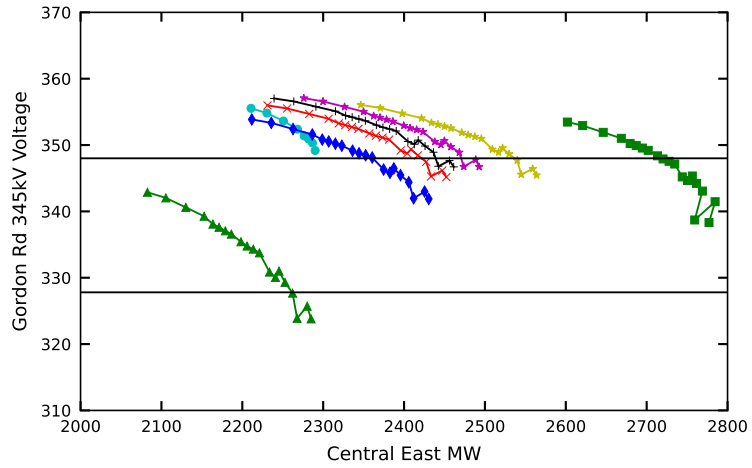
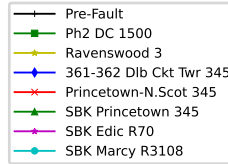
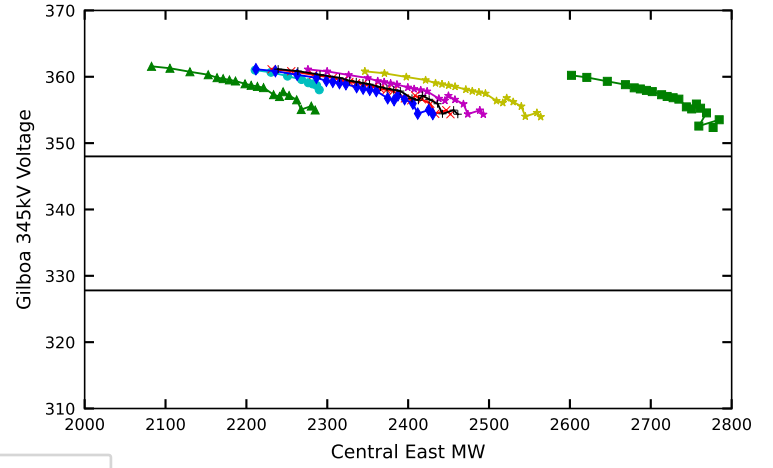
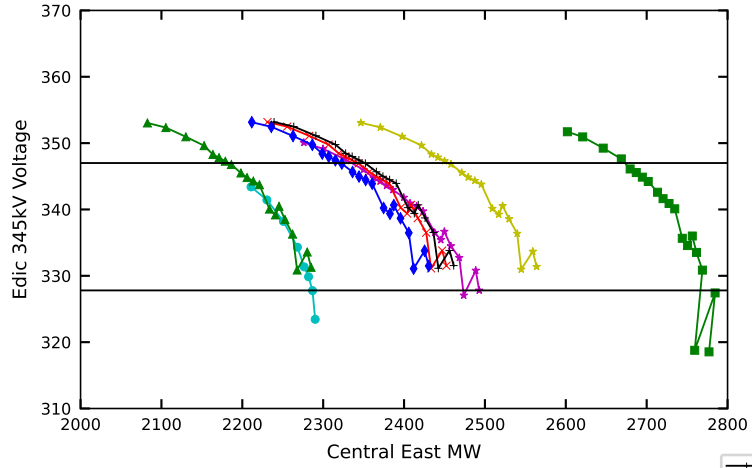
1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S Figure 2



1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S Figure 1



1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S Figure 2



Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\3S\Sum2023_CEVC_PH2_00_3S.xlsx

1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2239	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2263	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2291	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2315	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2327	t5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2335	t6	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2344	t7	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2352	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2365	t9	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2373	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	0															
2382	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	1															
2390	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	2															
2404	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	3															
2412	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	4															
2417	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	5															
2425	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	6															
2436	t1	0	1	0	0	2	0	1	0	2	0	0	0	0	0	0
	7															
2442	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	8															
2456	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	9															
2461	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	0															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\3S\Sum2023_CEVC_PH2_00_3S.xlsx

1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17	t18	t19	t20
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\3S\Sum2023_CEVC_PH2_00_3S.xlsx

1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2158 <E	Dunwoodie 345kV Voltage	Pre-Fault	115.6	NA	348	2158
2169 <E	Sprain Brook 345kV Voltage	Pre-Fault	115.8	NA	348	2169
2199	limit with 5% margin	Marcy South N.	NA	NA	NA	2935
2234	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2175
2292	Pannell Road 345kV Voltage	Pre-Fault	18.2	NA	346	2292
2294	Clay 345kV Voltage	Pre-Fault	17.3	NA	345	2294
2296	Clay 345kV Voltage	Marcy South N.	2.8	327.8	344.9	3081
2298	Station 80 345kV Voltage	Pre-Fault	17.8	NA	346	2298
2304	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1697
2304	limit with 5% margin	SBK Edic R945	NA	NA	NA	1697
2310	Clay 345kV Voltage	SBK Marcy R3108	5.2	327.8	344.1	2264
2314	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1659
2314	limit with 5% margin	Marcy South S.	NA	NA	NA	2816
2314	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2630
2322 >E	Edic 345kV Voltage	Marcy South N.	3.1	327.8	349.4	3093
2324 >E	Marcy 345kV Voltage	Marcy South N.	3.2	327.8	349.5	3094
2330 >E	Pannell Road 345kV Voltage	Marcy South N.	4.4	327.8	343.9	3097
2338	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2306
2338	limit with 5% margin	Volney-Marcy	NA	NA	NA	2290
2338	limit with 5% margin	SBK Edic R70	NA	NA	NA	2368
2338	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2170
2338	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2329
2338	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2308
2338	limit with 5% margin	Ravenswood 3	NA	NA	NA	2435
2339	Marcy 345kV Voltage	Pre-Fault	15.4	NA	348	2339
2344	Edic 345kV Voltage	SBK Marcy R3108	4.0	327.8	347.5	2286
2346 >E	Station 80 345kV Voltage	Marcy South N.	5.0	327.8	343.3	3104
2351	Edic 345kV Voltage	Pre-Fault	16.2	NA	347	2351
2352 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	2.7	327.8	343.0	2290
2363 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.3	327.8	343.2	2294
2398	Clay 345kV Voltage	SBK Edic R945	2.1	327.8	335.6	1773
2398	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.1	327.8	335.6	1773
2403 >E	Oakdale 345kV Voltage	Marcy South N.	5.1	320	350.5	3131
2404	Clay 345kV Voltage	Volney-Marcy	3.1	327.8	334.2	2360
2404 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.6	320	350.0	2311
2404	Clay 345kV Voltage	Marcy-N.Scot99 345	2.6	327.8	334.0	1733
2417 >E	Gordon Rd 345kV Voltage	Marcy South N.	7.5	327.8	352.2	3137
2422	Clay 345kV Voltage	Ph2 DC 1500	3.2	327.8	332.9	2759
2426 >E	Edic 345kV Voltage	SBK Edic R945	1.8	327.8	338.6	1787
2426 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	1.8	327.8	338.6	1787

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2427 >E	Marcy 345kV Voltage	SBK Edic R945	1.8	327.8	338.7	1787
2427 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	1.8	327.8	338.7	1787
2430	Clay 345kV Voltage	SBK Edic R70	5.1	327.8	331.0	2462
2433 >E	Pannell Road 345kV Voltage	SBK Edic R945	2.7	327.8	336.0	1789
2433 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	336.0	1789
2434	Edic 345kV Voltage	Marcy-N.Scot99 345	2.2	327.8	337.0	1746
2435	Clay 345kV Voltage	Marcy South S.	3.9	327.8	329.9	2964
2435	Gordon Rd 345kV Voltage	SBK Princetown 345	6.4	327.8	349.0	2261
2435	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.2	327.8	336.9	1746
2437	Clay 345kV Voltage	SBK Princetown 345	0.9	327.8	328.4	2263
2437	Clay 345kV Voltage	Ravenswood 3	0.9	327.8	328.2	2541
2438	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	0.9	327.8	327.9	2407
2438	Clay 345kV Voltage	N.Scot-Leeds 345	0.9	327.8	327.9	2404
2438	Clay 345kV Voltage	Princetown-N.Scot 345	0.9	327.8	327.8	2429
2439	Gordon Rd 345kV Voltage	Pre-Fault	2.9	NA	348	2439
2441	Pannell Road 345kV Voltage	Volney-Marcy	1.1	327.8	332.9	2392
2441	Edic 345kV Voltage	SBK Edic R70	1.1	327.8	331.8	2473
2443 >E	Station 80 345kV Voltage	SBK Edic R945	3.3	327.8	336.1	1792
2443 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	336.1	1792
2446 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	4.6	327.8	335.9	1749
2448 >E	Edic 345kV Voltage	Ph2 DC 1500	3.9	327.8	334.0	2777
2450 >E	Marcy 345kV Voltage	Ph2 DC 1500	3.9	327.8	333.8	2778
2458 >E	Somerset 345kV Voltage	Marcy South N.	7.9	327.8	345.1	3156
2462 >E	Somerset 345kV Voltage	SBK Marcy R3108	6.4	327.8	349.9	2335
2463 >E	Edic 345kV Voltage	Marcy South S.	4.0	327.8	330.7	2987
2464 >E	Edic 345kV Voltage	Volney-Marcy	1.6	327.8	330.3	2412
2465 >E	Marcy 345kV Voltage	Marcy South S.	4.0	327.8	330.5	2989
2465 >E	Marcy 345kV Voltage	Volney-Marcy	1.6	327.8	329.8	2413
2469 >E	Edic 345kV Voltage	SBK Princetown 345	2.2	327.8	328.1	2292
2469 >E	Edic 345kV Voltage	Ravenswood 3	2.2	327.8	328.0	2571
2469 >E	Oakdale 345kV Voltage	SBK Edic R945	2.5	320	338.3	1800
2469 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.5	320	338.3	1800
2469 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.3	327.8	327.9	2438
2469 >E	Edic 345kV Voltage	Princetown-N.Scot 345	2.3	327.8	327.8	2460
2469 >E	Edic 345kV Voltage	N.Scot-Leeds 345	2.3	327.8	327.8	2435
2470 >E	Station 80 345kV Voltage	Volney-Marcy	1.5	327.8	333.5	2415
2470 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	2.3	327.8	327.8	2436
2470 >E	Marcy 345kV Voltage	SBK Edic R70	2.3	327.8	327.8	2500
2470 >E	Marcy 345kV Voltage	SBK Princetown 345	2.3	327.8	327.8	2293

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2470 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	2.3	327.8	327.8	2461
2470 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	2.3	327.8	327.8	2439
2470 >E	Marcy 345kV Voltage	Ravenswood 3	2.3	327.8	327.8	2572
2470 >E	Pannell Road 345kV Voltage	SBK Edic R70	1.7	327.8	330.3	2500
2472 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	6.6	327.8	337.7	1756
2474 >E	Pannell Road 345kV Voltage	SBK Princetown 345	1.9	327.8	328.4	2297
2474 >E	Pannell Road 345kV Voltage	Ravenswood 3	1.9	327.8	328.3	2575
2474 >E	Oakdale 345kV Voltage	Pre-Fault	2.9	NA	335	2474
2475 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	1.9	327.8	327.9	2444
2475 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	1.9	327.8	327.9	2441
2475 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	1.9	327.8	327.8	2466
2475 >E	Fraser 345kV Voltage	SBK Marcy R3108	4.3	327.8	352.5	2340
2476 >E	Station 80 345kV Voltage	SBK Edic R70	1.7	327.8	330.2	2505
2476 >E	Millwood 345kV Voltage	Pre-Fault	41.6	NA	348	2476
2478 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.7	320	335.5	1758
2479 >E	Station 80 345kV Voltage	Ravenswood 3	1.9	327.8	328.5	2580
2479 >E	Station 80 345kV Voltage	SBK Princetown 345	1.9	327.8	328.4	2302
2480 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	1.9	327.8	327.9	2449
2480 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	1.9	327.8	327.9	2446
2480 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	1.9	327.8	327.8	2471
2488 >E	Somerset 345kV Voltage	Pre-Fault	2.2	NA	338	2488
2489 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	10.6	327.8	333.1	2806
2491 >E	Oakdale 345kV Voltage	Volney-Marcy	2.0	320	329.2	2424
2496 >E	Watercure 230kV Voltage	SBK Marcy R3108	6.6	207	231.2	2348
2497 >E	Fraser 345kV Voltage	SBK Edic R945	3.2	327.8	343.1	1809
2497 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.2	327.8	343.1	1809
2498 >E	Somerset 345kV Voltage	Volney-Marcy	1.8	327.8	333.3	2427
2502 >E	Fraser 345kV Voltage	Pre-Fault	3.9	NA	338	2502
2504 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	7.1	327.8	348.7	2352
2505 >E	Somerset 345kV Voltage	SBK Edic R70	2.0	327.8	330.2	2529
2505 >E	New Scotland 345kV Voltage Alps	Pre-Fault	7.5	NA	348	2505
2505 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	7.5	NA	348	2505
2506 >E	Niagara 345kV Voltage	Pre-Fault	2.2	NA	338	2506
2507 >E	St.Lawrence 230kV Voltage	Pre-Fault	12.8	NA	225	2507
2508 >E	St.Lawrence 230kV Voltage	Marcy South N.	16.2	218.5	231.6	3180
2508 >E	Somerset 345kV Voltage	Ravenswood 3	2.1	327.8	328.6	2606
2509 >E	Oakdale 345kV Voltage	SBK Edic R70	2.6	320	323.1	2532
2509 >E	Somerset 345kV Voltage	SBK Princetown 345	2.1	327.8	328.3	2329

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2510 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	327.8	327.9	2478
2510 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	2.2	327.8	327.9	2475
2510 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	2.2	327.8	327.8	2501
2514 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.8	320	321.4	2334
2514 >E	Gilboa 345kV Voltage	Pre-Fault	8.4	NA	348	2514
2515 >E	Oakdale 345kV Voltage	Ravenswood 3	2.9	320	321.0	2613
2515 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	341.2	1768
2517 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	320	320.2	2486
2517 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.9	320	320.2	2483
2518 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.9	320	320.1	2508
2519 >E	Coopers Corners 345kV Voltage	SBK Edic R945	4.9	327.8	344.0	1815
2519 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.9	327.8	344.0	1815
2519 >E	Niagara 345kV Voltage	Volney-Marcy	2.0	327.8	331.7	2436
2521 >E	Pannell Road 345kV Voltage	Marcy South S.	11.5	327.8	331.1	3034
2523 >E	St.Lawrence 230kV Voltage	SBK Edic R945	9.3	218.5	225.1	1817
2523 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	9.3	218.5	225.1	1817
2524 >E	Niagara 345kV Voltage	SBK Edic R70	2.1	327.8	329.6	2545
2526 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	334.9	2494
2526 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.5	320	326.0	2832
2526 >E	Niagara 345kV Voltage	Ravenswood 3	2.2	327.8	328.5	2623
2527 >E	Niagara 345kV Voltage	SBK Princetown 345	2.2	327.8	328.2	2346
2528 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	327.8	327.9	2496
2528 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	2.2	327.8	327.9	2493
2528 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	2.2	327.8	327.8	2519
2535 >E	Coopers Corners 345kV Voltage	Pre-Fault	6.4	NA	338	2535
2536 >E	Buchanan North 345kV Voltage	Pre-Fault	41.2	NA	346	2536
2538 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.6	327.8	342.7	1775
2539 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	10.1	218.5	224.2	1775
2539 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	339.6	1775
2540 >E	Somerset 345kV Voltage	SBK Edic R945	6.1	327.8	340.6	1822
2540 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	6.1	327.8	340.6	1822
2541 >E	Gordon Rd 345kV Voltage	Volney-Marcy	4.2	327.8	332.1	2445
2542 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	327.8	2507
2542 >E	Fraser 345kV Voltage	SBK Edic R70	3.9	327.8	327.8	2559
2542 >E	Fraser 345kV Voltage	SBK Princetown 345	3.9	327.8	327.8	2360
2542 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	2533
2542 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr	3.9	327.8	327.8	2510

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2542 >E	Fraser 345kV Voltage	Ravenswood 3	3.9	327.8	327.8	2637
2542 >E	Fraser 345kV Voltage	Volney-Marcy	3.9	327.8	327.8	2445
2543 >E	St.Lawrence 230kV Voltage	Volney-Marcy	8.6	218.5	222.1	2446
2545 >E	Oakdale 345kV Voltage	Marcy South S.	4.8	320	322.3	3054
2551 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	330.2	2516
2552 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	5.2	327.8	330.2	2542
2552 >E	Gordon Rd 345kV Voltage	SBK Edic R70	4.8	327.8	330.1	2568
2556 >E	Gordon Rd 345kV Voltage	Marcy South S.	8.7	327.8	338.2	3063
2556 >E	Gordon Rd 345kV Voltage	Ravenswood 3	5.4	327.8	329.3	2650
2564 >E	Rock Tavern 345kV Voltage	Pre-Fault	20.0	NA	348	2564
2565 >E	Watercure 230kV Voltage	Marcy South N.	12.4	207	229.9	3207
2569 >E	Pleasant Valley 345kV Voltage	Pre-Fault	26.9	NA	348	2569
2572 >E	Watercure 230kV Voltage	SBK Edic R945	6.6	207	222.7	1832
2572 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	6.6	207	222.7	1832
2573 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	9.0	327.8	336.6	2866
2575 >E	Station 80 345kV Voltage	Ph2 DC 1500	19.2	327.8	334.9	2866
2576 >E	New Scotland 345kV Voltage Alps	Marcy South N.	11.0	327.8	354.7	3212
2576 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	11.0	327.8	354.7	3212
2578 >E	Coopers Corners 345kV Voltage	Ravenswood 3	6.0	327.8	331.3	2670
2582 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	12.1	218.5	223.5	1787
2582 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	12.1	218.5	223.5	1787
2583 >E	Watercure 230kV Voltage	Volney-Marcy	5.1	207	216.3	2463
2584 >E	Coopers Corners 345kV Voltage	Volney-Marcy	5.6	327.8	330.3	2463
2585 >E	St.Lawrence 230kV Voltage	Ravenswood 3	12.7	218.5	218.9	2676
2586 >E	St.Lawrence 230kV Voltage	SBK Edic R70	12.5	218.5	218.8	2596
2587 >E	Coopers Corners 345kV Voltage	SBK Edic R70	6.1	327.8	329.8	2597
2587 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	15.2	218.5	221.5	2875
2590 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	12.8	218.5	218.5	2581
2590 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	12.8	218.5	218.5	2558
2590 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	12.8	218.5	218.5	2555
2591 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	12.8	218.5	218.4	2406
2592 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	6.3	327.8	329.1	2407
2593 >E	Watercure 230kV Voltage	Pre-Fault	7.4	NA	215	2593
2594 >E	Ramapo 500kV Voltage	Ravenswood 3	26.2	500	506.0	2685
2597 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	6.3	327.8	328.4	2561
2599 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	328.0	2566
2600 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.9	2591
2603 >E	Niagara 345kV Voltage	Marcy South N.	11.1	327.8	343.7	3225

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2614 >E	Fraser 345kV Voltage	Ph2 DC 1500	7.4	327.8	327.8	2894
2614 >E	Fraser 345kV Voltage	Marcy South S.	7.4	327.8	327.8	3111
2615 >E	Niagara 230kV East Voltage	Ph2 DC 1500	14.9	218.5	221.7	2895
2615 >E	Niagara 230kV West Voltage	Ph2 DC 1500	14.9	218.5	221.7	2895
2620 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	6.1	327.8	332.7	2479
2620 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	6.1	327.8	332.7	2479
2622 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	6.5	327.8	332.4	2586
2622 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	6.5	327.8	332.4	2586
2625 >E	St.Lawrence 230kV Voltage	Marcy South S.	16.4	218.5	219.4	3120
2626 >E	Watercure 230kV Voltage	SBK Edic R70	6.5	207	210.5	2629
2633 >E	Buchanan South 345kV Voltage	Pre-Fault	42.2	NA	346	2633
2634 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	11.8	327.8	344.2	2405
2637 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	6.9	327.8	330.4	2639
2637 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	6.9	327.8	330.4	2639
2644 >E	Watercure 230kV Voltage	SBK Princetown 345	7.2	207	208.1	2455
2645 >E	Watercure 230kV Voltage	Ravenswood 3	7.3	207	207.9	2731
2646 >E	Gilboa 345kV Voltage	SBK Edic R945	8.1	327.8	341.3	1855
2646 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	341.3	1855
2647 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	7.4	327.8	329.1	2733
2647 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	7.4	327.8	329.1	2733
2647 >E	Niagara 230kV East Voltage	Marcy South S.	16.6	218.5	219.9	3138
2647 >E	Niagara 230kV West Voltage	Marcy South S.	16.6	218.5	219.9	3138
2651 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	7.4	207	207.2	2618
2651 >E	Station 80 345kV Voltage	Marcy South S.	22.1	327.8	332.9	3141
2651 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	7.4	207	207.1	2615
2652 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	7.4	207	207.1	2642
2654 >E	Leeds 345kV Voltage	Pre-Fault	15.8	NA	345	2654
2659 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	7.6	327.8	327.5	2650
2659 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	7.6	327.8	327.5	2650
2664 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	7.7	327.8	326.8	2631
2664 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	7.7	327.8	326.8	2631
2664 >E	Niagara 230kV East Voltage	Marcy South N.	25.9	218.5	228.8	3253
2664 >E	Niagara 230kV West Voltage	Marcy South N.	25.9	218.5	228.8	3253
2666 >E	Marcy 345kV Voltage	SBK Marcy R3108	16.2	327.8	327.8	2418
2669 >E	Gilboa 345kV Voltage	Volney-Marcy	7.9	327.8	329.5	2500
2670 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	8.0	327.8	329.4	2633
2674 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	10.4	327.8	330.7	2936
2678 >E	Gilboa 345kV Voltage	SBK Edic R70	8.2	327.8	328.4	2673

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2678 >E	Niagara 345kV Voltage	SBK Marcy R3108	12.5	327.8	355.0	2423
2679 >E	Gilboa 345kV Voltage	Ravenswood 3	8.3	327.8	328.4	2762
2681 >E	Niagara 230kV East Voltage	SBK Marcy R3108	25.0	218.5	232.2	2424
2681 >E	Niagara 230kV West Voltage	SBK Marcy R3108	25.0	218.5	232.2	2424
2684 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	8.4	327.8	327.7	2675
2685 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	8.4	327.8	327.6	2652
2687 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	9.4	327.8	339.8	1816
2687 >E	New Scotland 345kV Voltage Alps	Marcy South S.	11.3	327.8	338.0	3171
2687 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	11.3	327.8	338.0	3171
2692 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	9.3	327.8	335.6	1869
2692 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	9.3	327.8	335.6	1869
2692 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	9.3	327.8	335.6	1869
2692 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	9.3	327.8	335.6	1869
2698 >E	Gordon Rd 345kV Voltage	SBK Edic R945	9.8	327.8	321.2	1871
2698 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	9.8	327.8	321.2	1871
2698 >E	Gilboa 345kV Voltage	SBK Princetown 345	8.7	327.8	326.0	2506
2702 >E	Niagara 230kV East Voltage	SBK Edic R945	21.8	218.5	226.6	1872
2702 >E	Niagara 230kV West Voltage	SBK Edic R945	21.8	218.5	226.6	1872
2702 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	21.8	218.5	226.6	1872
2702 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	21.8	218.5	226.6	1872
2710 >E	Ramapo 345kV Voltage	Pre-Fault	39.5	NA	346	2710
2719 >E	Gilboa 345kV Voltage	SBK Marcy R3108	12.1	327.8	351.2	2439
2722 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	8.9	327.8	319.1	2528
2722 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	8.9	327.8	319.1	2528
2727 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	12.0	327.8	335.2	2974
2727 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	12.0	327.8	335.2	2974
2730 >E	Ramapo 500kV Voltage	SBK Edic R945	35.5	500	506.3	1881
2730 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	35.5	500	506.3	1881
2736 >E	Niagara 345kV Voltage	SBK Edic R945	11.4	327.8	344.2	1883
2736 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	11.4	327.8	344.2	1883
2745 >E	Roseton 345kV Voltage	Pre-Fault	29.5	NA	345	2745
2751 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	11.2	327.8	333.5	1834
2751 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	11.2	327.8	333.5	1834
2758 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	38.6	500	505.7	1836
2763 >E	Gilboa 345kV Voltage	Marcy South S.	13.4	327.8	334.9	3233
2764 >E	Gardenville 230kV Voltage	Pre-Fault	18.2	NA	217	2764
2768 >E	Ramapo 500kV Voltage	Volney-Marcy	33.2	500	501.7	2542
2768 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	14.0	327.8	349.2	2460
2768 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	14.0	327.8	349.2	2460
2774 >E	Gardenville 230kV Voltage	Volney-Marcy	12.1	207	216.4	2545

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2782 >E	Ramapo 500kV Voltage	SBK Edic R70	34.5	500	501.3	2759
2783 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	32.7	218.5	228.3	2466
2797 >E	Ladentown 345kV Voltage	Pre-Fault	44.5	NA	346	2797
2808 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	37.4	500	500.7	2770
2809 >E	Rock Tavern 345kV Voltage	SBK Edic R945	15.4	327.8	342.0	1905
2809 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	15.4	327.8	342.0	1905
2811 >E	Ramapo 500kV Voltage	Ph2 DC 1500	66.9	500	505.1	3033
2816 >E	Rock Tavern 345kV Voltage	Ravenswood 3	15.9	327.8	335.3	2887
2819 >E	Ramapo 500kV Voltage	SBK Princetown 345	38.9	500	500.4	2619
2821 >E	Niagara 230kV East Voltage	Volney-Marcy	30.1	218.5	228.2	2564
2821 >E	Niagara 230kV West Voltage	Volney-Marcy	30.1	218.5	228.2	2564
2822 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	15.5	207	219.4	1854
2827 >E	Gilboa 345kV Voltage	Ph2 DC 1500	14.6	327.8	330.8	3045
2832 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	39.6	500	500.1	2797
2833 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	39.7	500	500.0	2824
2834 >E	Ramapo 500kV Voltage	Pre-Fault	39.7	NA	500	2834
2851 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	18.5	207	238.3	1862
2854 >E	Buchanan North 345kV Voltage	Ravenswood 3	26.1	327.8	338.3	2922
2857 >E	Dunwoodie 345kV Voltage	Ravenswood 3	33.5	327.8	337.5	2924
2858 >E	Sprain Brook 345kV Voltage	Ravenswood 3	33.2	327.8	337.6	2924
2859 >E	Gardenville 230kV Voltage	SBK Edic R70	15.1	207	211.7	2823
2861 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	17.2	327.8	340.4	1865
2873 >E	Gardenville 230kV Voltage	SBK Marcy R3108	20.7	207	231.6	2502
2891 >E	Millwood 345kV Voltage	Ravenswood 3	28.4	327.8	338.0	2955
2910 >E	Gardenville 230kV Voltage	Marcy South N.	24.2	207	226.3	3369
2911 >E	Gardenville 230kV Voltage	SBK Edic R945	19.2	207	223.0	1937
2911 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	19.2	207	223.0	1937
2916 >E	Gardenville 230kV Voltage	SBK Princetown 345	17.2	207	208.7	2709
2920 >E	Gardenville 230kV Voltage	Ravenswood 3	17.3	207	208.4	2981
2922 >E	Rock Tavern 345kV Voltage	SBK Edic R70	18.5	327.8	330.1	2875
2922 >E	Buchanan South 345kV Voltage	Ravenswood 3	26.8	327.8	339.2	2983
2923 >E	Rock Tavern 345kV Voltage	Volney-Marcy	18.1	327.8	330.0	2608
2925 >E	Leeds 345kV Voltage	Volney-Marcy	15.8	327.8	327.8	2609
2925 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	15.8	327.8	327.8	2885
2925 >E	Leeds 345kV Voltage	SBK Edic R70	15.8	327.8	327.8	2878
2925 >E	Leeds 345kV Voltage	SBK Princetown 345	15.8	327.8	327.8	2718
2925 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	15.8	327.8	327.8	2916
2925 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	15.8	327.8	327.8	2889
2925 >E	Leeds 345kV Voltage	Ravenswood 3	15.8	327.8	327.8	2986

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2941 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	18.0	207	207.3	2905
2941 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	18.0	207	207.3	2901
2944 >E	Gardenville 230kV Voltage	Princeton-N.Scot 345	18.1	207	207.1	2935
2944 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	19.2	327.8	328.9	2904
2956 >E	Ramapo 345kV Voltage	Ravenswood 3	24.0	327.8	339.8	3014
2957 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	19.7	327.8	328.3	2748
2962 >E	Bowline 1 345kV Voltage	Pre-Fault	49.3	NA	345	2962
2965 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	19.9	327.8	327.9	2929
2966 >E	Rock Tavern 345kV Voltage	Princeton-N.Scot 345	19.9	327.8	327.8	2957
2970 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	23.8	327.8	333.1	3027
2980 >E	Bowline 2 345kV Voltage	Pre-Fault	49.0	NA	345	2980
2987 >E	Ladentown 345kV Voltage	Ravenswood 3	24.5	327.8	341.8	3042
2992 >E	Gardenville 230kV Voltage	Ph2 DC 1500	21.6	207	213.3	3161
3011 >E	Gilboa 345kV Voltage	Marcy South N.	23.4	327.8	346.6	3416
3023 >E	Bowline 1 345kV Voltage	Ravenswood 3	24.4	327.8	343.8	3075
3034 >E	Bowline 2 345kV Voltage	Ravenswood 3	24.4	327.8	343.9	3085
3043 >E	Ramapo 500kV Voltage	SBK Marcy R3108	70.2	500	506.2	2572
3044 >E	Gardenville 230kV Voltage	Marcy South S.	23.7	207	211.5	3464
3062 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	25.0	327.8	329.7	3021
3064 >E	Roseton 345kV Voltage	Ravenswood 3	24.8	327.8	334.1	3113
3074 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	25.4	327.8	329.2	3001
3080 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	25.4	327.8	329.0	2675
3095 >E	Leeds 345kV Voltage	Marcy South S.	23.2	327.8	334.4	3506
3115 >E	Pleasant Valley 345kV Voltage	Princeton-N.Scot 345	27.0	327.8	327.7	3105
3120 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	27.1	327.8	327.5	3083
3126 >E	Fraser 345kV Voltage	Marcy South N.	25.5	327.8	327.8	3470
3135 >E	Niagara 230kV East Voltage	SBK Edic R70	55.1	218.5	225.6	3052
3135 >E	Niagara 230kV West Voltage	SBK Edic R70	55.1	218.5	225.6	3052
3140 >E	Ramapo 500kV Voltage	Marcy South N.	85.9	500	506.0	3477
3152 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	35.8	327.8	337.8	2011
3152 >E	Buchanan North 345kV Voltage	SBK Edic R945	35.8	327.8	337.8	2011
3156 >E	Leeds 345kV Voltage	Marcy South N.	27.2	327.8	351.5	3485
3161 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	28.2	327.8	326.0	2938
3169 >E	Buchanan North 345kV Voltage	SBK Edic R70	35.7	327.8	330.6	3081
3177 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	36.7	327.8	335.4	1953
3181 >E	Ramapo 345kV Voltage	SBK Edic R945	30.8	327.8	341.0	2020
3181 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	30.8	327.8	341.0	2020
3190 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	28.8	327.8	329.7	3301

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1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3199 >E	Roseton 345kV Voltage	SBK Edic R70	27.7	327.8	329.6	3106
3209 >E	Roseton 345kV Voltage	Volney-Marcy	27.7	327.8	329.2	2730
3210 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	27.9	327.8	329.2	3166
3214 >E	Niagara 230kV East Voltage	Pre-Fault	123.9	NA	225	3214
3214 >E	Niagara 230kV West Voltage	Pre-Fault	123.9	NA	225	3214
3216 >E	Millwood 345kV Voltage	SBK Edic R70	37.0	327.8	330.2	3120
3217 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	37.9	327.8	329.5	3174
3223 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	26.0	327.8	327.8	2033
3223 >E	Leeds 345kV Voltage	SBK Edic R945	26.0	327.8	327.8	2033
3230 >E	Buchanan North 345kV Voltage	Volney-Marcy	38.3	327.8	329.1	2739
3236 >E	Roseton 345kV Voltage	SBK Edic R945	29.4	327.8	337.7	2037
3236 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	29.4	327.8	337.7	2037
3239 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	38.0	327.8	329.7	3196
3240 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	33.1	327.8	338.5	1970
3241 >E	Sprain Brook 345kV Voltage	SBK Edic R70	44.0	327.8	329.7	3140
3242 >E	Dunwoodie 345kV Voltage	SBK Edic R70	44.3	327.8	329.7	3141
3251 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	29.5	327.8	327.8	3242
3253 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	29.5	327.8	327.7	3214
3260 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	45.1	327.8	329.3	3216
3260 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	44.9	327.8	329.3	3217
3265 >E	Roseton 345kV Voltage	SBK Princetown 345	29.7	327.8	327.3	3035
3267 >E	Buchanan South 345kV Voltage	SBK Edic R70	36.4	327.8	331.0	3162
3274 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	32.8	327.8	332.5	2049
3274 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	32.9	327.8	332.5	2049
3277 >E	Ramapo 345kV Voltage	SBK Edic R70	33.6	327.8	331.7	3170
3279 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	27.8	327.8	327.8	1981
3279 >E	Leeds 345kV Voltage	Ph2 DC 1500	27.8	327.8	327.8	3364
3285 >E	Buchanan North 345kV Voltage	Princeton-N.Scot 345	41.2	327.8	327.8	3275
3285 >E	Pleasant Valley 345kV Voltage	Marcy South S.	37.6	327.8	330.8	3662
3286 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	41.2	327.8	327.8	3248
3287 >E	Millwood 345kV Voltage	Volney-Marcy	39.9	327.8	328.5	2764
3293 >E	Buchanan North 345kV Voltage	SBK Princetown 345	41.4	327.8	327.6	3061
3299 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	31.5	327.8	335.6	1987
3303 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	33.7	327.8	330.4	1988
3312 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	38.3	327.8	329.9	3267
3318 >E	Millwood 345kV Voltage	Princeton-N.Scot 345	41.7	327.8	327.8	3308
3318 >E	Sprain Brook 345kV Voltage	Volney-Marcy	47.6	327.8	328.2	2777
3318 >E	Dunwoodie 345kV Voltage	Volney-Marcy	48.0	327.8	328.1	2777
3322 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr	41.8	327.8	327.7	3283

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Interface: Central East

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1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3323 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	41.3	327.8	332.6	1993
3332 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	47.6	327.8	331.6	1996
3336 >E	Dunwoodie 345kV Voltage	Princeton-N.Scot 345	49.3	327.8	327.8	3326
3336 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	48.1	327.8	331.5	1997
3337 >E	Sprain Brook 345kV Voltage	Princeton-N.Scot 345	49.0	327.8	327.8	3327
3340 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	49.5	327.8	327.7	3301
3342 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	49.2	327.8	327.7	3302
3343 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	42.6	327.8	335.3	2070
3343 >E	Millwood 345kV Voltage	SBK Edic R945	42.6	327.8	335.3	2070
3349 >E	Buchanan South 345kV Voltage	SBK Edic R945	40.2	327.8	337.2	2072
3349 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	40.2	327.8	337.2	2072
3349 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	36.4	327.8	329.8	3304
3349 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	35.9	327.8	329.2	3414
3351 >E	Ramapo 345kV Voltage	Volney-Marcy	36.2	327.8	329.8	2791
3353 >E	Millwood 345kV Voltage	SBK Princeton 345	42.7	327.8	326.9	3117
3354 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	40.1	327.8	334.4	2002
3356 >E	Buchanan South 345kV Voltage	Volney-Marcy	39.9	327.8	328.9	2793
3371 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	36.5	327.8	341.0	2079
3371 >E	Ladentown 345kV Voltage	SBK Edic R945	36.5	327.8	341.0	2079
3374 >E	Dunwoodie 345kV Voltage	SBK Princeton 345	50.7	327.8	327.0	3136
3374 >E	Sprain Brook 345kV Voltage	SBK Princeton 345	50.4	327.8	327.0	3137
3382 >E	Ladentown 345kV Voltage	SBK Edic R70	36.0	327.8	332.9	3258
3386 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	50.9	327.8	334.2	2083
3386 >E	Sprain Brook 345kV Voltage	SBK Edic R945	50.9	327.8	334.2	2083
3391 >E	Dunwoodie 345kV Voltage	SBK Edic R945	51.4	327.8	334.0	2085
3391 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	51.4	327.8	334.0	2085
3402 >E	Buchanan South 345kV Voltage	Princeton-N.Scot 345	42.2	327.8	327.8	3392
3406 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	42.4	327.8	327.7	3366
3425 >E	Ramapo 345kV Voltage	SBK Princeton 345	39.3	327.8	327.9	3184
3425 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	38.4	327.8	338.1	2022
3428 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	39.5	327.8	327.8	3419
3428 >E	Buchanan South 345kV Voltage	SBK Princeton 345	43.0	327.8	327.2	3188
3429 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	39.5	327.8	327.8	3388
3442 >E	Bowline 1 345kV Voltage	SBK Edic R70	36.1	327.8	335.3	3307
3461 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	41.5	327.8	343.8	2742
3474 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	51.4	327.8	330.2	3502

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3482 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	39.7	327.8	330.6	3435
3517 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	56.5	327.8	328.6	3533
3520 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	56.8	327.8	328.5	3534
3520 >E	Millwood 345kV Voltage	Ph2 DC 1500	49.9	327.8	328.9	3534
3522 >E	Ladentown 345kV Voltage	Volney-Marcy	41.1	327.8	329.7	2864
3523 >E	Bowline 1 345kV Voltage	SBK Edic R945	39.9	327.8	341.8	2125
3523 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	39.9	327.8	341.8	2126
3537 >E	Bowline 2 345kV Voltage	SBK Edic R945	39.8	327.8	342.0	2130
3537 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	39.8	327.8	342.0	2130
3553 >E	Bowline 2 345kV Voltage	SBK Edic R70	39.5	327.8	333.3	3399
3578 >E	Roseton 345kV Voltage	Ph2 DC 1500	41.2	327.8	329.3	3575
3586 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	42.0	327.8	338.7	2067
3601 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	41.9	327.8	338.9	2071
3602 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	41.8	327.8	332.0	3553
3605 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	44.4	327.8	327.8	3596
3608 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	44.5	327.8	327.8	3566
3611 >E	Ladentown 345kV Voltage	SBK Princetown 345	44.5	327.8	327.7	3358
3613 >E	Pleasant Valley 345kV Voltage	Marcy South N.	52.4	327.8	346.0	3699
3621 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	51.4	327.8	329.6	3606
3626 >E	Ramapo 500kV Voltage	Marcy South S.	127.2	500	494.7	3942
3651 >E	Niagara 230kV East Voltage	SBK Princetown 345	95.2	218.5	221.5	3396
3651 >E	Niagara 230kV West Voltage	SBK Princetown 345	95.2	218.5	221.5	3396
3673 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	43.7	327.8	330.9	3624
3684 >E	Ramapo 345kV Voltage	Ph2 DC 1500	50.9	327.8	330.6	3651
3701 >E	Niagara 230kV East Voltage	Ravenswood 3	101.0	218.5	221.1	3692
3701 >E	Niagara 230kV West Voltage	Ravenswood 3	101.0	218.5	221.1	3692
3708 >E	Bowline 1 345kV Voltage	Volney-Marcy	45.5	327.8	329.8	2943
3721 >E	Bowline 2 345kV Voltage	Volney-Marcy	45.2	327.8	329.9	2948
3805 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	49.1	327.8	327.9	3795
3811 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	49.3	327.8	327.8	3767
3813 >E	Bowline 1 345kV Voltage	SBK Princetown 345	49.3	327.8	327.7	3547
3820 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	48.9	327.8	327.8	3810
3823 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	49.0	327.8	327.8	3779
3826 >E	Bowline 2 345kV Voltage	SBK Princetown 345	49.1	327.8	327.7	3559
3841 >E	Dunwoodie 345kV Voltage	Marcy South S.	75.6	327.8	323.2	4119
3844 >E	Millwood 345kV Voltage	Marcy South S.	66.2	327.8	322.9	4120
3852 >E	Sprain Brook 345kV Voltage	Marcy South S.	75.6	327.8	323.1	4127
3889 >E	Ladentown 345kV Voltage	Ph2 DC 1500	56.1	327.8	330.6	3795

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3945 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	118.1	218.5	219.1	3899
3945 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	118.1	218.5	219.1	3899
3950 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	118.6	218.5	219.1	3898
3950 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	118.6	218.5	219.1	3898
3994 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	122.0	218.5	218.7	3984
3994 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	122.0	218.5	218.7	3984
4037 >E	Roseton 345kV Voltage	Marcy South S.	57.6	327.8	318.8	4279
4043 >E	Coopers Corners 345kV Voltage	Marcy South N.	55.1	327.8	309.0	3901
4132 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	61.7	327.8	330.7	3967
4151 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	61.4	327.8	330.8	3980
4195 >E	Buchanan South 345kV Voltage	Marcy South S.	74.8	327.8	319.4	4409
4216 >E	Rainey 345kV Voltage	Ravenswood 3	83.2	327.8	343.5	4161
4312 >E	Farragut 345kV Voltage	Ravenswood 3	87.4	327.8	342.7	4248
4392 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	97.0	327.8	338.4	3122
4432 >E	Buchanan North 345kV Voltage	Marcy South S.	89.0	327.8	313.5	4603
4464 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	81.5	327.8	338.8	3151
4514 >E	Roseton 345kV Voltage	Marcy South N.	77.2	327.8	343.2	4122
4552 >E	Ramapo 345kV Voltage	SBK Marcy R3108	86.6	327.8	341.7	3187
4555 >E	Millwood 345kV Voltage	Marcy South N.	102.1	327.8	340.2	4141
4596 >E	Roseton 345kV Voltage	SBK Marcy R3108	79.7	327.8	341.1	3205
4703 >E	Dunwoodie 345kV Voltage	Marcy South N.	124.7	327.8	338.1	4211
4707 >E	Sprain Brook 345kV Voltage	Marcy South N.	124.1	327.8	338.1	4212
4850 >E	Buchanan North 345kV Voltage	Marcy South N.	115.4	327.8	337.3	4280
4894 >E	Buchanan South 345kV Voltage	Marcy South N.	108.3	327.8	340.2	4300
4941 >E	Millwood 345kV Voltage	SBK Marcy R3108	118.8	327.8	337.2	3346
4958 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	111.3	327.8	338.7	3353
5062 >E	Leeds 345kV Voltage	SBK Marcy R3108	84.7	327.8	327.8	3395
5069 >E	Rainey 345kV Voltage	Pre-Fault	156.4	NA	338	5069
5075 >E	Farragut 345kV Voltage	Pre-Fault	161.9	NA	338	5075
5075 >E	Ladentown 345kV Voltage	SBK Marcy R3108	102.2	327.8	341.8	3401
5105 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	144.6	327.8	335.4	3413
5111 >E	Rock Tavern 345kV Voltage	Marcy South N.	94.9	327.8	330.1	4402
5131 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	146.7	327.8	335.3	3423
5136 >E	Goethals 345kV Voltage	Ravenswood 3	120.4	327.8	341.8	4998
5225 >E	Rock Tavern 345kV Voltage	Marcy South S.	87.8	327.8	263.9	5254
5315 >E	Ladentown 345kV Voltage	Marcy South S.	102.7	327.8	307.6	5328
5325 >E	Ramapo 345kV Voltage	Marcy South S.	105.1	327.8	301.4	5337
5537 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	113.1	327.8	342.6	3589
5567 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	112.5	327.8	342.8	3601

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5587 >E	Ramapo 345kV Voltage	Marcy South N.	122.9	327.8	337.8	4626
5772 >E	Bowline 1 345kV Voltage	Marcy South S.	113.3	327.8	306.6	5703
5803 >E	Bowline 2 345kV Voltage	Marcy South S.	112.8	327.8	306.4	5729
5855 >E	Ladentown 345kV Voltage	Marcy South N.	128.6	327.8	339.6	4752
5998 >E	Goethals 345kV Voltage	Pre-Fault	224.8	NA	338	5998
6240 >E	Rainey 345kV Voltage	SBK Edic R70	140.8	327.8	330.5	5630
6295 >E	Farragut 345kV Voltage	SBK Edic R70	145.7	327.8	330.5	5676
6304 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	143.0	327.8	330.1	6222
6359 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	148.0	327.8	330.1	6276
6419 >E	Bowline 1 345kV Voltage	Marcy South N.	141.7	327.8	340.4	5016
6461 >E	Bowline 2 345kV Voltage	Marcy South N.	141.0	327.8	340.6	5036
6558 >E	Coopers Corners 345kV Voltage	Marcy South S.	99.3	327.8	-15.7	6349
6563 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	151.9	327.8	333.5	2896
6573 >E	Rainey 345kV Voltage	Volney-Marcy	152.7	327.8	328.4	4165
6617 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	157.1	327.8	333.4	2911
6635 >E	Farragut 345kV Voltage	Volney-Marcy	158.1	327.8	328.4	4191
6665 >E	Rainey 345kV Voltage	Princeton-N.Scot 345	156.4	327.8	327.8	6653
6674 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	156.7	327.8	327.7	6602
6727 >E	Farragut 345kV Voltage	Princeton-N.Scot 345	161.9	327.8	327.8	6716
6737 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	162.2	327.8	327.7	6664
6783 >E	Rainey 345kV Voltage	SBK Princeton 345	160.2	327.8	327.0	6318
6846 >E	Farragut 345kV Voltage	SBK Princeton 345	165.9	327.8	327.1	6377
6900 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	164.6	327.8	337.2	3168
6900 >E	Rainey 345kV Voltage	SBK Edic R945	164.6	327.8	337.2	3168
6986 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	171.2	327.8	337.1	3195
6986 >E	Farragut 345kV Voltage	SBK Edic R945	171.2	327.8	337.1	3195
7280 >E	Rainey 345kV Voltage	Ph2 DC 1500	177.9	327.8	329.8	6191
7337 >E	Farragut 345kV Voltage	Ph2 DC 1500	183.7	327.8	329.8	6231
7700 >E	Goethals 345kV Voltage	SBK Edic R70	202.2	327.8	330.4	6843
7767 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	204.7	327.8	330.1	7667
8030 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	213.9	327.8	333.3	3305
8200 >E	Goethals 345kV Voltage	Volney-Marcy	221.0	327.8	328.2	4859
8291 >E	Goethals 345kV Voltage	Princeton-N.Scot 345	224.8	327.8	327.8	8279
8301 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	225.1	327.8	327.8	8213
8450 >E	Goethals 345kV Voltage	SBK Princeton 345	230.3	327.8	327.1	7874
8612 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	314.9	327.8	789.4	3467
8630 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	237.2	327.8	337.1	3702
8635 >E	Goethals 345kV Voltage	SBK Edic R945	237.4	327.8	337.1	3704

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
8893 >E	Goethals 345kV Voltage	Ph2 DC 1500	246.6	327.8	330.1	7331
8977 >E	Rainey 345kV Voltage	Marcy South S.	241.0	327.8	321.1	8335
9065 >E	Farragut 345kV Voltage	Marcy South S.	249.3	327.8	321.2	8408
11301 >E	Goethals 345kV Voltage	Marcy South S.	339.3	327.8	321.2	10243
13103 >E	Rainey 345kV Voltage	Marcy South N.	395.1	327.8	342.4	8155
13244 >E	Farragut 345kV Voltage	Marcy South N.	408.6	327.8	342.1	8221
14093 >E	Northport 138kV Voltage	Ravenswood 3	934.0	131.1	135.0	13152
14106 >E	Northport 138kV Voltage	Pre-Fault	1320.8	NA	135	14106
15208 >E	Rainey 345kV Voltage	SBK Marcy R3108	472.3	327.8	338.2	7535
15392 >E	Farragut 345kV Voltage	SBK Marcy R3108	488.9	327.8	338.0	7610
17355 >E	Goethals 345kV Voltage	Marcy South N.	573.2	327.8	342.0	10151
17546 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1188.2	131.1	133.3	5956
17650 >E	Northport 138kV Voltage	SBK Edic R70	1194.8	131.1	132.3	15105
17870 >E	Northport 138kV Voltage	N.Scot-Leeds 345	1211.9	131.1	132.2	17643
18922 >E	Northport 138kV Voltage	Ph2 DC 1500	1296.7	131.1	132.4	14417
19071 >E	Northport 138kV Voltage	Volney-Marcy	1305.5	131.1	131.2	9497
19173 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1316.7	131.1	134.3	6957
19173 >E	Northport 138kV Voltage	SBK Edic R945	1316.7	131.1	134.3	6957
19324 >E	Northport 138kV Voltage	Princetown-N.Scot 345	1326.0	131.1	131.0	19304
19391 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	1331.2	131.1	131.0	19195
19884 >E	Northport 138kV Voltage	SBK Princetown 345	1368.9	131.1	130.6	18545
20796 >E	Goethals 345kV Voltage	SBK Marcy R3108	704.6	327.8	337.5	9814

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

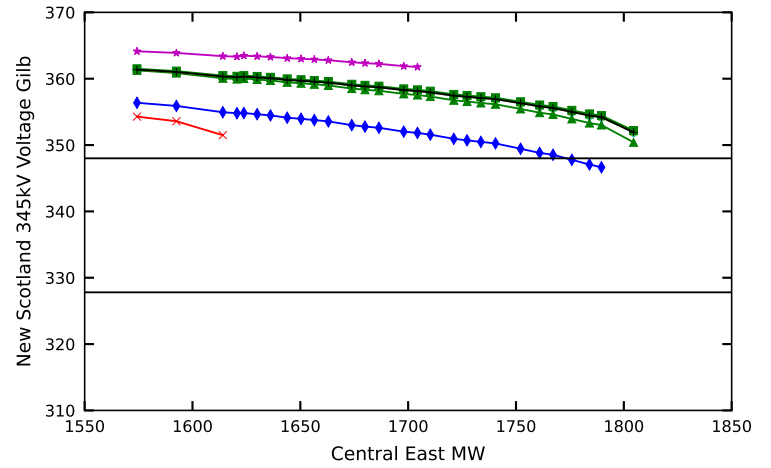
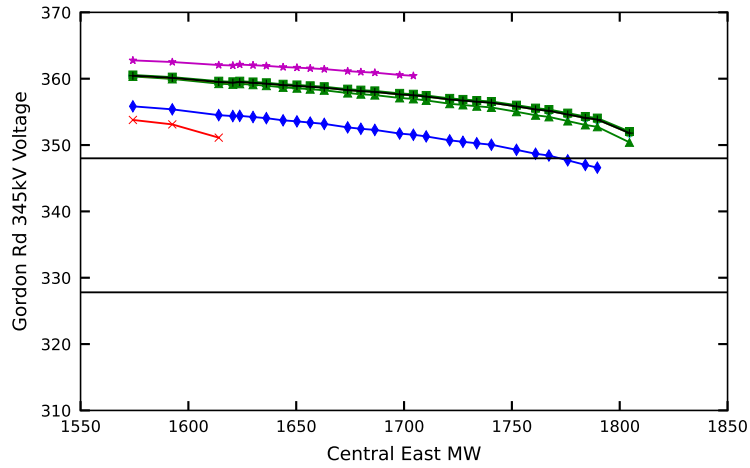
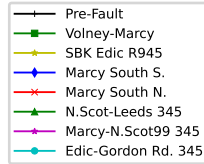
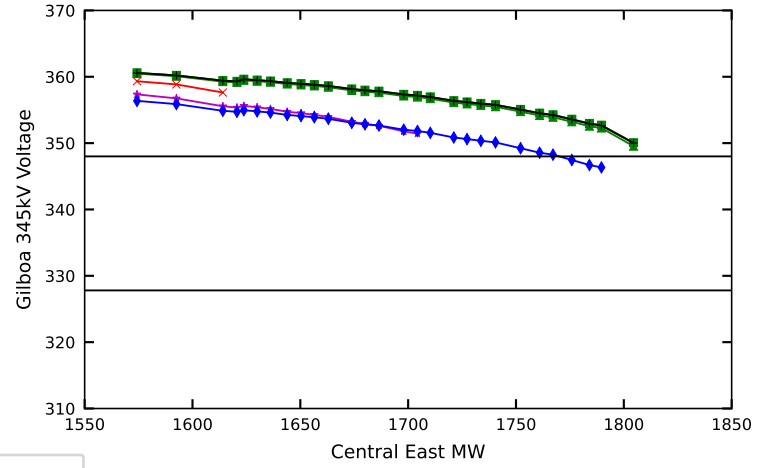
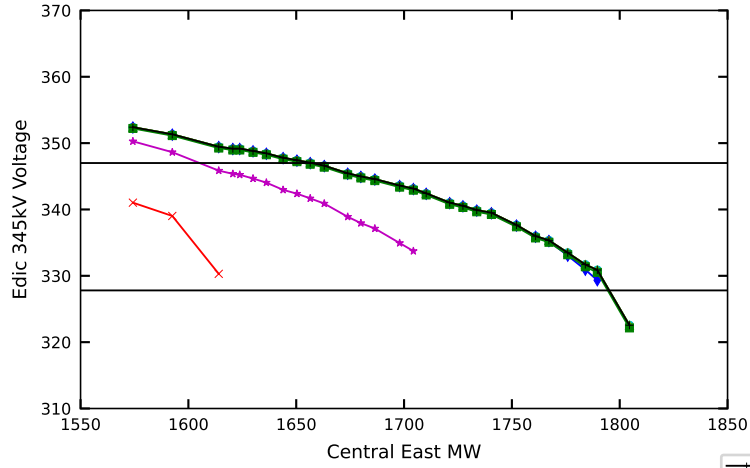
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1: 2023S CEVC PH2 CE2230 MS2270 DE1300 00 3S

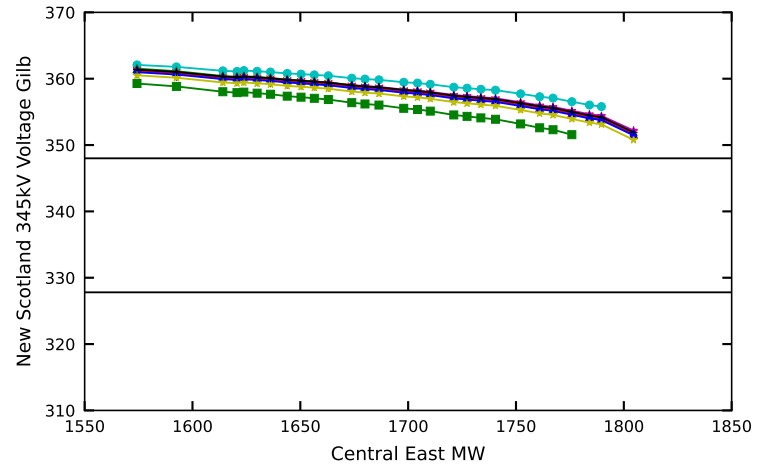
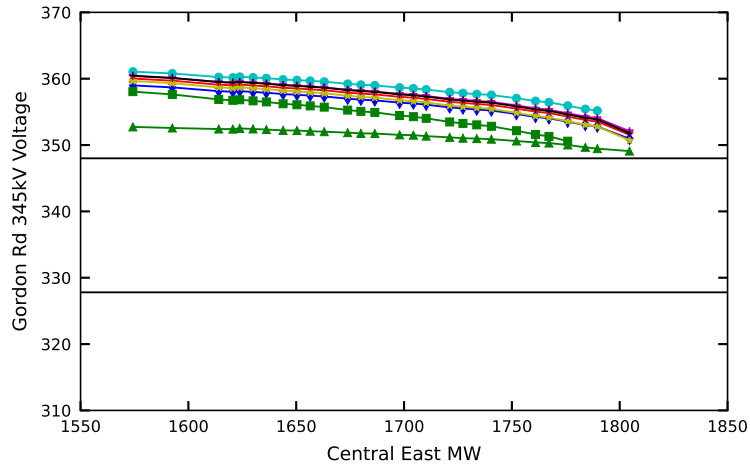
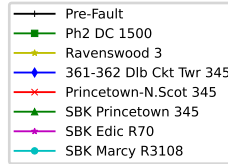
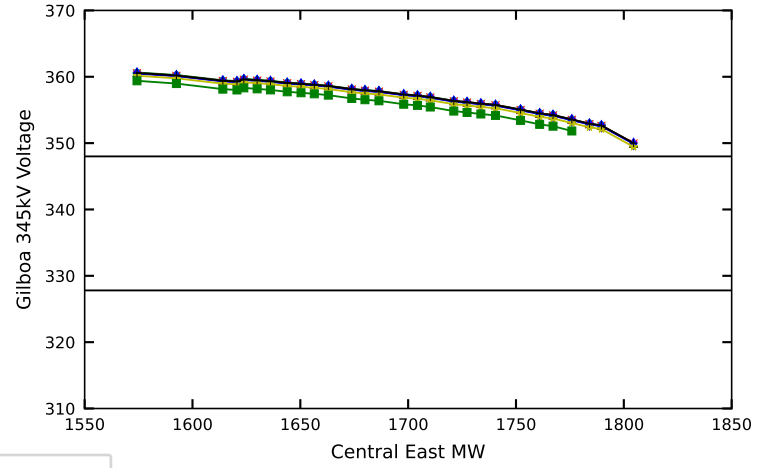
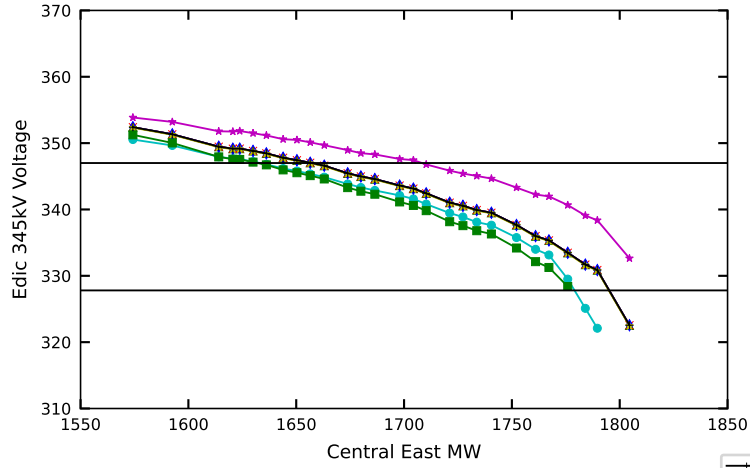
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
24410 >E	Northport 138kV Voltage	Marcy South S.	1731.1	131.1	128.6	21006
55857 >E	Northport 138kV Voltage	Marcy South N.	4207.6	131.1	138.4	28229
65602 >E	Northport 138kV Voltage	SBK Marcy R3108	4972.2	131.1	136.3	28094
99998 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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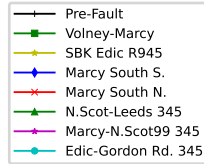
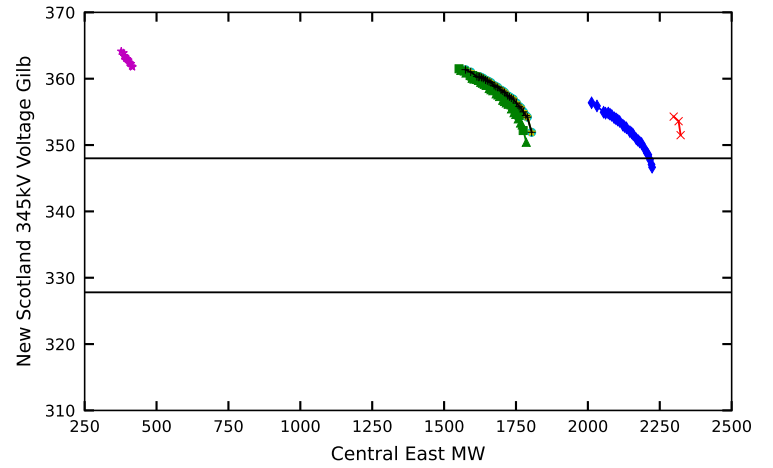
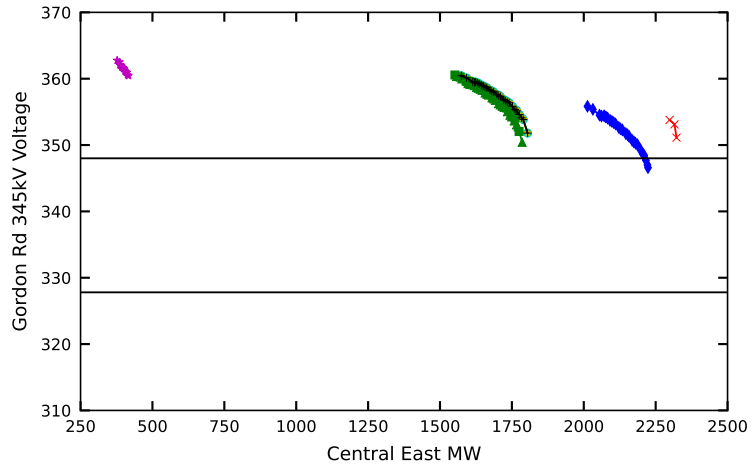
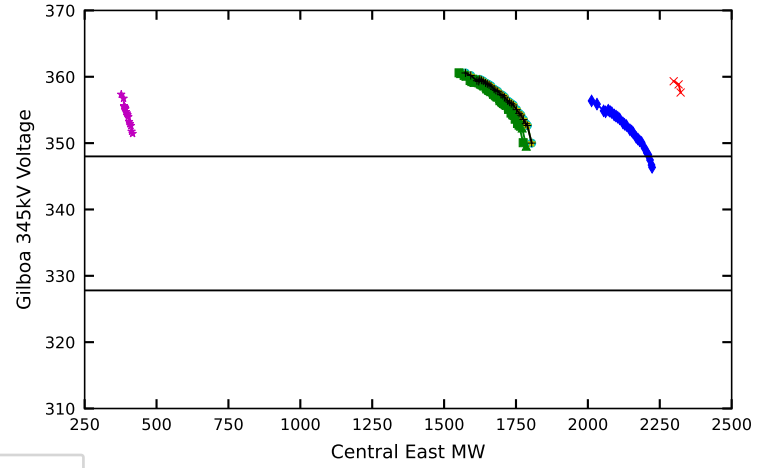
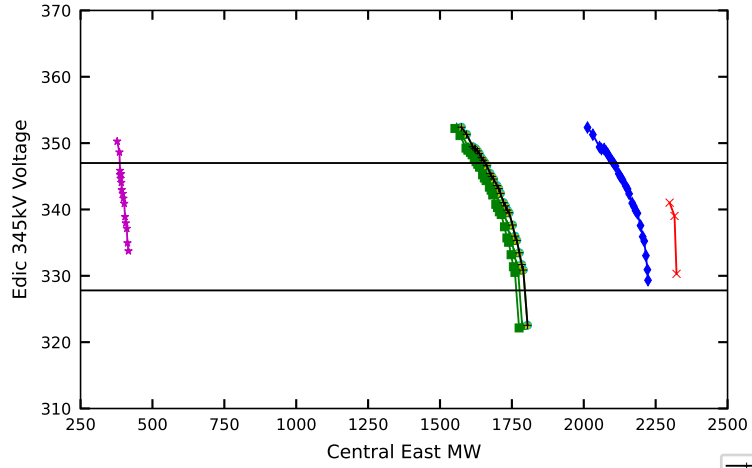
1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_05 Figure 1



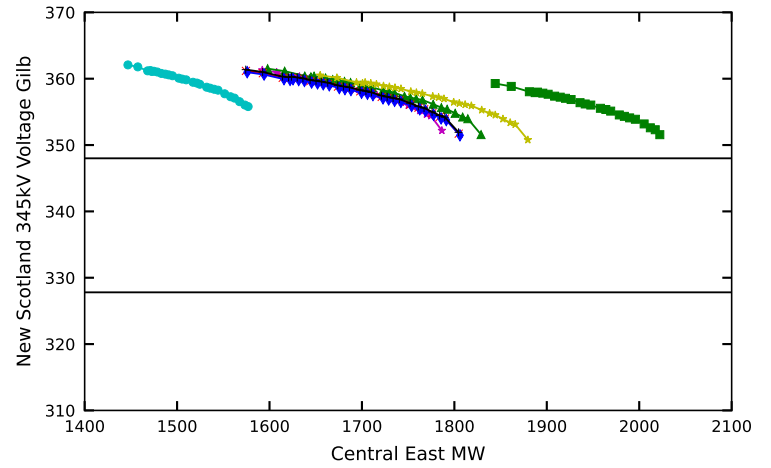
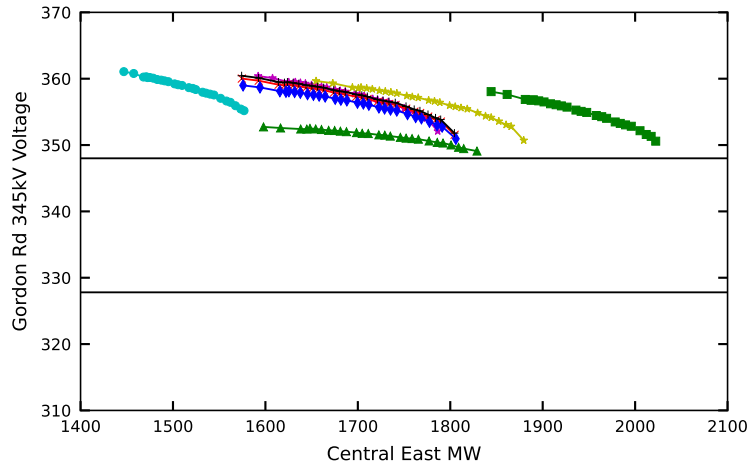
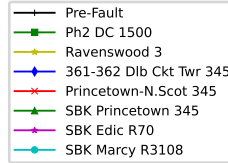
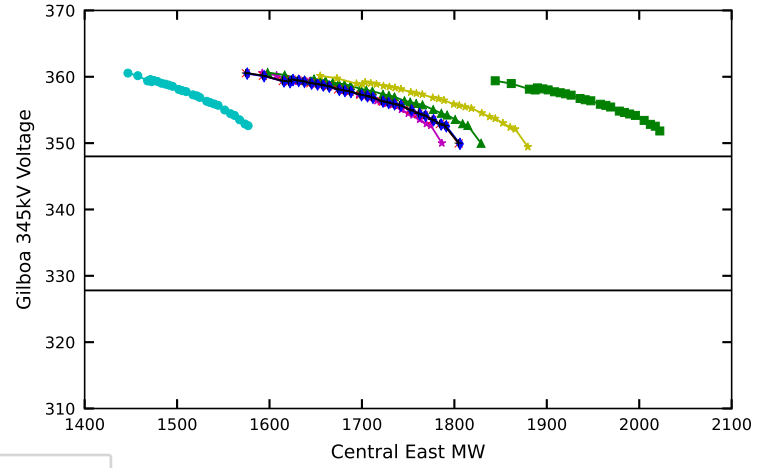
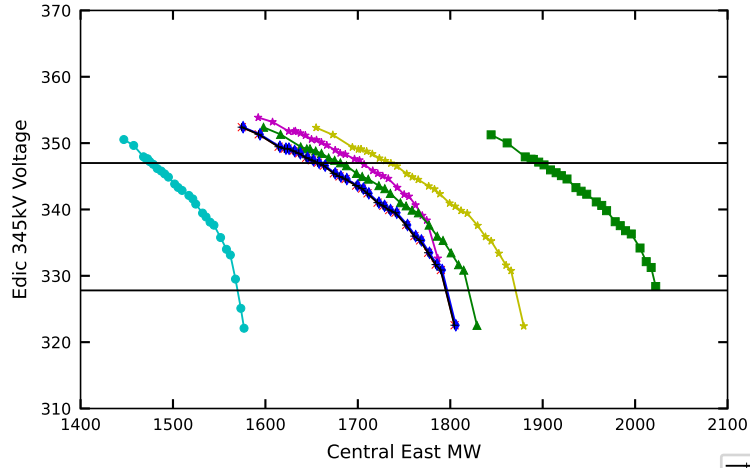
1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_05 Figure 2



1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS Figure 1



1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Interface: Central East

Transfer r MW	bas e	ce0 1	ce0 2	ce0 3	ce0 7	ce0 8	ce1 1	ce1 3	ce1 5	ce2 0	ce3 0	ce3 1	ce3 2	log0 9	log1 5
1574	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1592	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1614	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1620	t4	0	0	0	0	1	0	0	0	0	0	0	0	0	0
1623	t5	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1629	t6	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1636	t7	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1643	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1650	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1656	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1662	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1673	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1679	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1686	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1697	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1704	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1710	t1	0	0	1	0	2	0	0	0	0	0	0	0	0	0
1721	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1727	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1733	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1740	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1752	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1760	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1767	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1775	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1784	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	2
1789	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	2
1804	t2	0	0	2	0	2	2	0	0	2	0	0	0	0	2

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Interface: Central East

ce31)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prince town- N.Scot 345																													
ce32)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
361- 362 Dlb Ckt Twr 345																													
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Raven swood 3																													
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	
Ph2 DC 1500																													

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1324 <E	Dunwoodie 345kV Voltage	Pre-Fault	288.6	NA	348	1324
1355 <E	Sprain Brook 345kV Voltage	Pre-Fault	284.6	NA	348	1355
1533	limit with 5% margin	Marcy South N.	NA	NA	NA	2206
1539	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	370
1539	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1398
1607	Clay 345kV Voltage	Marcy South N.	2.5	327.8	348.2	2320
1619 >E	Marcy 345kV Voltage	Marcy South N.	2.5	327.8	348.8	2324
1620 >E	Edic 345kV Voltage	Marcy South N.	2.5	327.8	348.9	2324
1635 >E	Pannell Road 345kV Voltage	Marcy South N.	4.0	327.8	346.5	2329
1639	Marcy 345kV Voltage	Pre-Fault	11.6	NA	348	1639
1640 >E	Oakdale 345kV Voltage	Marcy South N.	3.4	320	351.6	2331
1651 >E	Station 80 345kV Voltage	Marcy South N.	4.7	327.8	345.9	2334
1657	Edic 345kV Voltage	Pre-Fault	14.8	NA	347	1657
1663	Pannell Road 345kV Voltage	Pre-Fault	19.9	NA	346	1663
1666	Station 80 345kV Voltage	Pre-Fault	19.2	NA	346	1666
1668	Clay 345kV Voltage	Pre-Fault	12.5	NA	345	1668
1687	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	1921
1700	limit with 5% margin	Marcy South S.	NA	NA	NA	2112
1714	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1714
1714	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	1696
1714	limit with 5% margin	SBK Edic R945	NA	NA	NA	1714
1714	limit with 5% margin	Volney-Marcy	NA	NA	NA	1686
1714	limit with 5% margin	SBK Edic R70	NA	NA	NA	1697
1714	limit with 5% margin	SBK Prinetown 345	NA	NA	NA	1737
1714	limit with 5% margin	Prinetown-N.Scot 345	NA	NA	NA	1714
1714	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	1715
1714	limit with 5% margin	Ravenswood 3	NA	NA	NA	1785
1750 >E	Watercure 230kV Voltage	Marcy South N.	9.0	207	230.1	2366
1767 >E	St.Lawrence 230kV Voltage	Marcy South N.	12.5	218.5	230.5	2372
1776 >E	Marcy 345kV Voltage	Ph2 DC 1500	3.0	327.8	332.9	2022
1777 >E	Edic 345kV Voltage	Ph2 DC 1500	3.0	327.8	333.1	2023
1782	Millwood 345kV Voltage	Pre-Fault	43.9	NA	348	1782
1783 >E	Somerset 345kV Voltage	Marcy South N.	8.8	327.8	349.9	2377
1785 >E	Clay 345kV Voltage	Ph2 DC 1500	3.3	327.8	333.4	2027
1787 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	18.1	327.8	344.6	473
1789	Oakdale 345kV Voltage	Pre-Fault	2.2	NA	335	1789
1793	Clay 345kV Voltage	Volney-Marcy	1.9	327.8	330.7	1764
1794 >E	Marcy 345kV Voltage	Marcy South S.	3.5	327.8	329.9	2225
1794	Edic 345kV Voltage	Volney-Marcy	1.8	327.8	328.2	1765
1794	Marcy 345kV Voltage	N.Scot-Leeds 345	1.8	327.8	327.8	1776

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1794	Marcy 345kV Voltage	Edic-Gordon Rd. 345	1.8	327.8	327.8	1794
1794	Marcy 345kV Voltage	SBK Edic R945	1.8	327.8	327.8	1794
1794	Marcy 345kV Voltage	Volney-Marcy	1.8	327.8	327.8	1765
1794	Marcy 345kV Voltage	SBK Edic R70	1.8	327.8	327.8	1778
1794	Marcy 345kV Voltage	SBK Princetown 345	1.8	327.8	327.8	1819
1794	Marcy 345kV Voltage	Princetown-N.Scot 345	1.8	327.8	327.8	1794
1794	Marcy 345kV Voltage	Ravenswood 3	1.8	327.8	327.8	1870
1794	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	1.8	327.8	327.8	1796
1794	Edic 345kV Voltage	Ravenswood 3	1.8	327.8	327.9	1870
1794 >E	Edic 345kV Voltage	Marcy South S.	3.5	327.8	330.1	2225
1795	Edic 345kV Voltage	SBK Princetown 345	1.8	327.8	327.8	1819
1795	Edic 345kV Voltage	N.Scot-Leeds 345	1.8	327.8	327.8	1776
1795	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	1.8	327.8	327.8	1796
1795	Edic 345kV Voltage	Princetown-N.Scot 345	1.8	327.8	327.8	1795
1795	Edic 345kV Voltage	Edic-Gordon Rd. 345	1.8	327.8	327.8	1795
1795	Edic 345kV Voltage	SBK Edic R945	1.8	327.8	327.8	1795
1795 >E	Clay 345kV Voltage	Marcy South S.	3.4	327.8	331.6	2225
1797	Fraser 345kV Voltage	Pre-Fault	2.4	NA	338	1797
1798	Clay 345kV Voltage	Ravenswood 3	1.9	327.8	328.2	1873
1798	Clay 345kV Voltage	N.Scot-Leeds 345	2.0	327.8	327.9	1780
1798	Clay 345kV Voltage	SBK Princetown 345	2.0	327.8	327.8	1823
1798	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	2.0	327.8	327.8	1800
1798	Clay 345kV Voltage	Princetown-N.Scot 345	2.0	327.8	327.8	1799
1798	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.0	327.8	327.8	1798
1798	Clay 345kV Voltage	SBK Edic R945	2.0	327.8	327.8	1798
1803	Coopers Corners 345kV Voltage	Pre-Fault	3.3	NA	338	1803
1803	Buchanan North 345kV Voltage	Pre-Fault	16.6	NA	346	1803
1810 >E	St.Lawrence 230kV Voltage	Pre-Fault	5.9	NA	225	1810
1811 >E	Rock Tavern 345kV Voltage	Pre-Fault	8.4	NA	348	1811
1815 >E	Clay 345kV Voltage	SBK Edic R70	3.0	327.8	319.5	1795
1815 >E	Gilboa 345kV Voltage	Pre-Fault	5.6	NA	348	1815
1816 >E	Oakdale 345kV Voltage	Volney-Marcy	2.1	320	322.6	1786
1817 >E	Edic 345kV Voltage	SBK Edic R70	2.6	327.8	315.5	1796
1819 >E	Oakdale 345kV Voltage	Ravenswood 3	2.1	320	321.3	1893
1821 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.4	327.8	327.8	1821
1821 >E	Fraser 345kV Voltage	SBK Edic R945	2.4	327.8	327.8	1821
1821 >E	Fraser 345kV Voltage	SBK Edic R70	2.4	327.8	327.8	1800
1821 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	327.8	1822

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1821 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	327.8	1823
1821 >E	Fraser 345kV Voltage	Ravenswood 3	2.4	327.8	327.8	1895
1821 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	327.8	1802
1821 >E	Fraser 345kV Voltage	Volney-Marcy	2.4	327.8	327.8	1791
1821 >E	Fraser 345kV Voltage	SBK Princetown 345	2.4	327.8	327.8	1845
1822 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.2	320	320.1	1802
1822 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.2	320	320.1	1845
1822 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	320	320.0	1823
1822 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.2	320	320.0	1822
1822 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.2	320	320.0	1822
1822 >E	Oakdale 345kV Voltage	SBK Edic R945	2.2	320	320.0	1822
1823 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	5.3	327.8	334.0	2049
1824 >E	Coopers Corners 345kV Voltage	Ravenswood 3	3.1	327.8	331.6	1898
1827 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.8	320	327.3	2051
1830 >E	New Scotland 345kV Voltage Alps	Pre-Fault	6.5	NA	348	1830
1830 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	6.5	NA	348	1830
1830 >E	Oakdale 345kV Voltage	SBK Edic R70	2.5	320	316.1	1807
1832 >E	Gordon Rd 345kV Voltage	Pre-Fault	7.3	NA	348	1832
1835 >E	Pannell Road 345kV Voltage	Marcy South S.	5.7	327.8	334.2	2240
1836 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	328.1	1816
1837 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	3.3	327.8	327.8	1860
1837 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	3.3	327.8	327.8	1838
1837 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	3.3	327.8	327.8	1837
1837 >E	Coopers Corners 345kV Voltage	SBK Edic R945	3.3	327.8	327.8	1837
1837 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	327.8	1837
1838 >E	Coopers Corners 345kV Voltage	SBK Edic R70	3.4	327.8	327.4	1814
1839 >E	Coopers Corners 345kV Voltage	Volney-Marcy	3.4	327.8	327.2	1808
1841 >E	Station 80 345kV Voltage	Ph2 DC 1500	6.3	327.8	334.3	2059
1842 >E	Niagara 230kV East Voltage	Pre-Fault	7.7	NA	225	1842
1842 >E	Niagara 230kV West Voltage	Pre-Fault	7.7	NA	225	1842
1845 >E	St.Lawrence 230kV Voltage	Ravenswood 3	5.8	218.5	219.1	1916
1845 >E	Ramapo 500kV Voltage	Ravenswood 3	15.4	500	505.3	1917
1845 >E	Buchanan South 345kV Voltage	Pre-Fault	16.3	NA	346	1845
1845 >E	St.Lawrence 230kV Voltage	Volney-Marcy	5.8	218.5	219.0	1814
1848 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	5.9	218.5	218.5	1871
1848 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	5.9	218.5	218.5	1850
1848 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	5.9	218.5	218.5	1848

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1848 >E	St.Lawrence 230kV Voltage	SBK Edic R945	5.9	218.5	218.5	1848
1848 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	5.9	218.5	218.5	1848
1848 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	5.9	218.5	218.5	1828
1851 >E	St.Lawrence 230kV Voltage	SBK Edic R70	6.3	218.5	218.0	1824
1851 >E	Pleasant Valley 345kV Voltage	Pre-Fault	14.4	NA	348	1851
1856 >E	New Scotland 345kV Voltage Alps	Marcy South N.	10.2	327.8	352.6	2401
1856 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	10.2	327.8	352.6	2401
1858 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	13.5	327.8	338.3	509
1858 >E	Oakdale 345kV Voltage	Marcy South S.	5.3	320	326.8	2249
1860 >E	Station 80 345kV Voltage	Marcy South S.	6.9	327.8	334.9	2250
1862 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	9.5	218.5	221.9	2071
1865 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	13.5	327.8	337.7	513
1865 >E	Gordon Rd 345kV Voltage	Marcy South N.	10.8	327.8	352.3	2404
1865 >E	Fraser 345kV Voltage	Ph2 DC 1500	5.8	327.8	327.8	2073
1866 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	6.5	327.8	331.5	2073
1867 >E	Ramapo 345kV Voltage	Pre-Fault	15.3	NA	346	1867
1868 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	13.7	327.8	346.9	514
1869 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	17.6	327.8	339.5	515
1887 >E	Niagara 230kV East Voltage	Ravenswood 3	7.5	218.5	219.1	1955
1887 >E	Niagara 230kV West Voltage	Ravenswood 3	7.5	218.5	219.1	1955
1887 >E	Niagara 230kV East Voltage	Volney-Marcy	7.4	218.5	219.0	1855
1887 >E	Niagara 230kV West Voltage	Volney-Marcy	7.4	218.5	219.0	1855
1889 >E	Ramapo 500kV Voltage	Ph2 DC 1500	28.4	500	505.3	2086
1891 >E	Ladentown 345kV Voltage	Pre-Fault	15.5	NA	346	1891
1891 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	7.6	218.5	218.5	1869
1891 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	7.6	218.5	218.5	1869
1891 >E	Niagara 230kV East Voltage	SBK Princetown 345	7.6	218.5	218.5	1912
1891 >E	Niagara 230kV West Voltage	SBK Princetown 345	7.6	218.5	218.5	1912
1891 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	7.7	218.5	218.5	1893
1891 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	7.7	218.5	218.5	1893
1891 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	7.7	218.5	218.5	1891
1891 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	7.7	218.5	218.5	1891
1891 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	7.7	218.5	218.5	1891
1891 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	7.7	218.5	218.5	1891
1891 >E	Niagara 230kV East Voltage	SBK Edic R945	7.7	218.5	218.5	1891
1891 >E	Niagara 230kV West Voltage	SBK Edic R945	7.7	218.5	218.5	1891
1907 >E	Niagara 230kV East Voltage	SBK Edic R70	8.7	218.5	216.5	1869
1907 >E	Niagara 230kV West Voltage	SBK Edic R70	8.7	218.5	216.5	1869
1916 >E	Fraser 345kV Voltage	Marcy South S.	9.4	327.8	327.8	2271

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1917 >E	Roseton 345kV Voltage	Pre-Fault	14.2	NA	345	1917
1922 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	329.0	1899
1924 >E	Gilboa 345kV Voltage	Ravenswood 3	5.6	327.8	328.6	1990
1927 >E	Gilboa 345kV Voltage	SBK Princetown 345	5.6	327.8	328.0	1947
1928 >E	Rock Tavern 345kV Voltage	Ravenswood 3	7.1	327.8	334.0	1993
1928 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	5.6	327.8	327.9	1929
1928 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	5.6	327.8	327.9	1928
1929 >E	Gilboa 345kV Voltage	SBK Edic R70	5.6	327.8	327.8	1886
1929 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	5.6	327.8	327.8	1929
1929 >E	Gilboa 345kV Voltage	SBK Edic R945	5.6	327.8	327.8	1929
1929 >E	Gilboa 345kV Voltage	Volney-Marcy	5.6	327.8	327.7	1896
1931 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	14.2	320	343.5	546
1931 >E	Bowline 1 345kV Voltage	Pre-Fault	15.5	NA	345	1931
1932 >E	Leeds 345kV Voltage	Pre-Fault	11.6	NA	345	1932
1933 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	5.7	327.8	332.1	1909
1933 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	5.7	327.8	332.1	1909
1936 >E	Pannell Road 345kV Voltage	Volney-Marcy	16.9	327.8	332.1	1902
1938 >E	Bowline 2 345kV Voltage	Pre-Fault	15.5	NA	345	1938
1939 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	18.4	500	500.2	1915
1941 >E	Ramapo 500kV Voltage	SBK Princetown 345	18.6	500	500.1	1960
1943 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	18.7	500	500.0	1943
1943 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	18.7	500	500.0	1943
1943 >E	Ramapo 500kV Voltage	Pre-Fault	18.7	NA	500	1943
1943 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	18.7	500	500.0	1943
1943 >E	Ramapo 500kV Voltage	SBK Edic R945	18.7	500	500.0	1943
1944 >E	Ramapo 500kV Voltage	Volney-Marcy	18.9	500	500.0	1910
1946 >E	Ramapo 500kV Voltage	SBK Edic R70	19.0	500	499.9	1900
1948 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	332.0	1924
1950 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	6.4	327.8	329.5	2014
1950 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	6.4	327.8	329.5	2014
1952 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	6.2	327.8	329.2	1971
1952 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	6.2	327.8	329.2	1971
1958 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	6.5	327.8	328.4	1958
1958 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	6.5	327.8	328.4	1958
1960 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	6.5	327.8	328.0	1960
1960 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	6.5	327.8	328.0	1960
1961 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	6.5	327.8	327.8	1961

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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1961 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	6.5	327.8	327.8	1961
1961 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	6.5	327.8	327.8	1961
1961 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	6.5	327.8	327.8	1961
1963 >E	Dunwoodie 345kV Voltage	Ravenswood 3	15.6	327.8	336.1	2025
1964 >E	Sprain Brook 345kV Voltage	Ravenswood 3	15.5	327.8	336.2	2026
1965 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	6.6	327.8	327.3	1930
1965 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	6.6	327.8	327.3	1930
1967 >E	Gordon Rd 345kV Voltage	Ravenswood 3	7.1	327.8	329.5	2029
1967 >E	Fraser 345kV Voltage	Marcy South N.	12.6	327.8	327.8	2437
1968 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	6.7	327.8	326.8	1918
1968 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	6.7	327.8	326.8	1918
1977 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	8.3	327.8	328.1	1951
1977 >E	Buchanan North 345kV Voltage	Ravenswood 3	13.6	327.8	335.5	2038
1978 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	8.3	327.8	327.9	1996
1979 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	7.3	327.8	327.8	1979
1979 >E	Gordon Rd 345kV Voltage	SBK Edic R945	7.3	327.8	327.8	1979
1979 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	8.4	327.8	327.8	1980
1979 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	8.4	327.8	327.8	1979
1980 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	8.4	327.8	327.8	1980
1980 >E	Rock Tavern 345kV Voltage	SBK Edic R945	8.4	327.8	327.8	1980
1982 >E	Rock Tavern 345kV Voltage	SBK Edic R70	8.4	327.8	327.5	1929
1982 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	7.5	327.8	327.4	1982
1982 >E	Gordon Rd 345kV Voltage	Volney-Marcy	7.4	327.8	327.3	1947
1983 >E	Rock Tavern 345kV Voltage	Volney-Marcy	8.4	327.8	327.3	1948
1989 >E	Gordon Rd 345kV Voltage	SBK Edic R70	7.6	327.8	326.5	1935
1990 >E	Millwood 345kV Voltage	Ravenswood 3	13.9	327.8	335.9	2050
1991 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	8.1	327.8	326.1	1992
1997 >E	St.Lawrence 230kV Voltage	Marcy South S.	20.2	218.5	223.3	2301
2004 >E	Pannell Road 345kV Voltage	Ravenswood 3	21.8	327.8	329.4	2064
2010 >E	Buchanan South 345kV Voltage	Ravenswood 3	13.5	327.8	335.9	2068
2031 >E	Somerset 345kV Voltage	Ph2 DC 1500	11.9	327.8	338.1	2166
2032 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	26.2	327.8	338.0	597
2034 >E	Ramapo 345kV Voltage	Ravenswood 3	12.8	327.8	335.1	2091
2038 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	24.4	327.8	328.0	2010
2041 >E	New Scotland 345kV Voltage Alps	Marcy South S.	13.3	327.8	342.9	2318
2041 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	13.3	327.8	342.9	2318
2041 >E	Pannell Road 345kV Voltage	SBK Princetown 345	24.6	327.8	327.9	2056
2042 >E	Gordon Rd 345kV Voltage	Marcy South S.	13.4	327.8	342.8	2318
2043 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr	24.8	327.8	327.8	2043

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2043 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	24.8	327.8	327.8	2043
2043 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	24.8	327.8	327.8	2043
2043 >E	Pannell Road 345kV Voltage	SBK Edic R945	24.8	327.8	327.8	2043
2050 >E	Ladentown 345kV Voltage	Ravenswood 3	13.0	327.8	335.8	2106
2051 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	12.1	327.8	337.3	2178
2053 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	11.7	327.8	336.3	2179
2053 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	11.7	327.8	336.3	2179
2062 >E	Edic 345kV Voltage	SBK Marcy R3108	22.3	327.8	329.0	1767
2066 >E	Gilboa 345kV Voltage	Ph2 DC 1500	12.1	327.8	331.3	2186
2066 >E	Somerset 345kV Voltage	Marcy South S.	12.7	327.8	340.8	2327
2070 >E	Niagara 345kV Voltage	Marcy South N.	16.9	327.8	353.6	2471
2070 >E	Bowline 1 345kV Voltage	Ravenswood 3	12.9	327.8	336.0	2124
2072 >E	Niagara 230kV East Voltage	Marcy South N.	33.5	218.5	232.0	2471
2072 >E	Niagara 230kV West Voltage	Marcy South N.	33.5	218.5	232.0	2471
2074 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	13.2	327.8	332.6	2128
2076 >E	Bowline 2 345kV Voltage	Ravenswood 3	12.9	327.8	336.1	2129
2077 >E	Gilboa 345kV Voltage	Marcy South S.	15.5	327.8	338.8	2331
2079 >E	Marcy 345kV Voltage	SBK Marcy R3108	21.7	327.8	327.8	1778
2083 >E	Roseton 345kV Voltage	Ravenswood 3	12.4	327.8	333.3	2136
2096 >E	Clay 345kV Voltage	SBK Marcy R3108	28.0	327.8	332.0	1789
2098 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	16.3	327.8	328.2	2067
2101 >E	Buchanan North 345kV Voltage	SBK Princetown 345	16.5	327.8	328.0	2114
2104 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	16.5	327.8	327.8	2104
2104 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	16.5	327.8	327.8	2104
2105 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	16.6	327.8	327.8	2105
2105 >E	Buchanan North 345kV Voltage	SBK Edic R945	16.6	327.8	327.8	2105
2107 >E	Buchanan North 345kV Voltage	SBK Edic R70	16.7	327.8	327.6	2030
2110 >E	Buchanan North 345kV Voltage	Volney-Marcy	16.7	327.8	327.5	2071
2117 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	16.4	327.8	328.3	2086
2117 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	19.0	327.8	328.2	2086
2117 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	18.9	327.8	328.2	2086
2118 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	15.0	327.8	330.8	2216
2121 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	19.3	327.8	328.0	2133
2121 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	19.2	327.8	328.0	2133
2121 >E	Millwood 345kV Voltage	SBK Princetown 345	16.6	327.8	328.1	2133
2125 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	19.4	327.8	327.8	2125
2125 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	19.3	327.8	327.8	2125

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2125 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	16.7	327.8	327.9	2125
2125 >E	Dunwoodie 345kV Voltage	Princeton-N.Scot 345	19.5	327.8	327.8	2125
2125 >E	Sprain Brook 345kV Voltage	Princeton-N.Scot 345	19.4	327.8	327.8	2125
2126 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	19.5	327.8	327.8	2126
2126 >E	Dunwoodie 345kV Voltage	SBK Edic R945	19.5	327.8	327.8	2126
2126 >E	Millwood 345kV Voltage	Princeton-N.Scot 345	16.8	327.8	327.8	2125
2126 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	19.4	327.8	327.8	2126
2126 >E	Sprain Brook 345kV Voltage	SBK Edic R945	19.4	327.8	327.8	2126
2126 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	16.8	327.8	327.8	2126
2126 >E	Millwood 345kV Voltage	SBK Edic R945	16.8	327.8	327.8	2126
2127 >E	Dunwoodie 345kV Voltage	SBK Edic R70	19.5	327.8	327.7	2046
2128 >E	Sprain Brook 345kV Voltage	SBK Edic R70	19.4	327.8	327.7	2046
2128 >E	Millwood 345kV Voltage	SBK Edic R70	16.8	327.8	327.7	2047
2128 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	328.8	2097
2129 >E	Watercure 230kV Voltage	Marcy South S.	13.7	207	217.5	2351
2131 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	11.6	327.8	327.8	2099
2131 >E	Leeds 345kV Voltage	Volney-Marcy	11.6	327.8	327.8	2090
2131 >E	Leeds 345kV Voltage	SBK Edic R70	11.6	327.8	327.8	2049
2131 >E	Leeds 345kV Voltage	SBK Princeton 345	11.6	327.8	327.8	2143
2131 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	11.6	327.8	327.8	2131
2131 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	11.6	327.8	327.8	2131
2131 >E	Leeds 345kV Voltage	Princeton-N.Scot 345	11.6	327.8	327.8	2131
2131 >E	Leeds 345kV Voltage	SBK Edic R945	11.6	327.8	327.8	2131
2131 >E	Leeds 345kV Voltage	Ravenswood 3	11.6	327.8	327.8	2180
2132 >E	Millwood 345kV Voltage	Volney-Marcy	17.0	327.8	327.4	2092
2132 >E	Dunwoodie 345kV Voltage	Volney-Marcy	19.7	327.8	327.4	2092
2132 >E	Sprain Brook 345kV Voltage	Volney-Marcy	19.6	327.8	327.4	2092
2134 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	16.0	327.8	328.3	2102
2134 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	31.2	327.8	337.5	648
2136 >E	Pleasant Valley 345kV Voltage	SBK Princeton 345	14.3	327.8	328.2	2148
2138 >E	Buchanan South 345kV Voltage	SBK Princeton 345	16.2	327.8	328.1	2150
2139 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	15.1	327.8	328.2	2107
2140 >E	Gilboa 345kV Voltage	Marcy South N.	17.6	327.8	340.2	2493
2142 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	14.4	327.8	327.9	2141
2142 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	16.3	327.8	327.8	2142
2142 >E	Buchanan South 345kV Voltage	Princeton-N.Scot 345	16.3	327.8	327.8	2142
2142 >E	Pleasant Valley 345kV Voltage	Princeton-N.Scot 345	14.4	327.8	327.8	2142

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2142 >E	Buchanan South 345kV Voltage	SBK Edic R945	16.3	327.8	327.8	2142
2142 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	16.3	327.8	327.8	2142
2143 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	14.4	327.8	327.8	2143
2143 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	14.4	327.8	327.8	2143
2143 >E	Ramapo 345kV Voltage	SBK Princetown 345	15.2	327.8	328.0	2154
2145 >E	Buchanan South 345kV Voltage	SBK Edic R70	16.4	327.8	327.6	2060
2145 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	15.3	327.8	327.8	2145
2146 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	15.3	327.8	327.8	2145
2146 >E	Ramapo 345kV Voltage	SBK Edic R945	15.3	327.8	327.8	2146
2146 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	15.3	327.8	327.8	2146
2146 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	14.5	327.8	327.6	2061
2148 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	14.6	327.8	327.4	2107
2149 >E	Buchanan South 345kV Voltage	Volney-Marcy	16.5	327.8	327.4	2108
2149 >E	Ramapo 345kV Voltage	SBK Edic R70	15.4	327.8	327.6	2064
2152 >E	Ramapo 345kV Voltage	Volney-Marcy	15.5	327.8	327.4	2111
2153 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	328.3	2121
2156 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	21.0	327.8	328.9	2237
2157 >E	Roseton 345kV Voltage	SBK Princetown 345	14.1	327.8	328.0	2167
2159 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	14.2	327.8	327.8	2159
2160 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	14.2	327.8	327.8	2160
2160 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	14.2	327.8	327.8	2160
2160 >E	Roseton 345kV Voltage	SBK Edic R945	14.2	327.8	327.8	2160
2162 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	79.1	500	506.4	662
2163 >E	Roseton 345kV Voltage	SBK Edic R70	14.3	327.8	327.6	2075
2166 >E	Roseton 345kV Voltage	Volney-Marcy	14.3	327.8	327.4	2124
2166 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	21.7	327.8	328.8	2243
2166 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	15.3	327.8	328.3	2133
2171 >E	Ladentown 345kV Voltage	SBK Princetown 345	15.5	327.8	328.0	2181
2173 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	15.5	327.8	327.8	2173
2174 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	15.5	327.8	327.8	2173
2174 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	15.5	327.8	327.8	2174
2174 >E	Ladentown 345kV Voltage	SBK Edic R945	15.5	327.8	327.8	2174
2178 >E	Ladentown 345kV Voltage	SBK Edic R70	15.7	327.8	327.6	2087
2179 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	21.7	327.8	331.2	2250
2181 >E	Ladentown 345kV Voltage	Volney-Marcy	15.7	327.8	327.4	2138
2190 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	15.3	327.8	328.3	2156
2195 >E	Bowline 1 345kV Voltage	SBK Princetown 345	15.5	327.8	328.0	2204
2197 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	15.2	327.8	328.3	2163

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2198 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	15.5	327.8	327.8	2197
2198 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	15.5	327.8	327.8	2198
2198 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	15.5	327.8	327.8	2198
2198 >E	Bowline 1 345kV Voltage	SBK Edic R945	15.5	327.8	327.8	2198
2201 >E	Bowline 2 345kV Voltage	SBK Princetown 345	15.4	327.8	328.0	2210
2202 >E	Bowline 1 345kV Voltage	SBK Edic R70	15.6	327.8	327.6	2106
2204 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	15.5	327.8	327.8	2204
2205 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	15.5	327.8	327.8	2204
2205 >E	Bowline 2 345kV Voltage	SBK Edic R945	15.5	327.8	327.8	2205
2205 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	15.5	327.8	327.8	2205
2205 >E	Bowline 1 345kV Voltage	Volney-Marcy	15.7	327.8	327.4	2162
2209 >E	Bowline 2 345kV Voltage	SBK Edic R70	15.6	327.8	327.6	2112
2212 >E	Bowline 2 345kV Voltage	Volney-Marcy	15.7	327.8	327.4	2169
2220 >E	Millwood 345kV Voltage	Ph2 DC 1500	21.5	327.8	329.7	2273
2236 >E	Gardenville 230kV Voltage	Marcy South N.	26.0	207	231.3	2525
2243 >E	Ramapo 500kV Voltage	Marcy South N.	72.0	500	505.2	2527
2247 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	21.6	327.8	330.9	2288
2291 >E	Ramapo 345kV Voltage	Ph2 DC 1500	22.7	327.8	332.4	2314
2303 >E	Watercure 230kV Voltage	Ph2 DC 1500	22.9	207	223.6	2320
2308 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	46.4	218.5	221.7	735
2315 >E	Ladentown 345kV Voltage	Ph2 DC 1500	22.2	327.8	333.1	2327
2329 >E	Niagara 230kV East Voltage	Ph2 DC 1500	42.8	218.5	224.9	2335
2329 >E	Niagara 230kV West Voltage	Ph2 DC 1500	42.8	218.5	224.9	2335
2341 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	40.0	327.8	331.0	1952
2350 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	22.2	327.8	333.4	2347
2360 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	22.2	327.8	334.6	2353
2366 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	53.0	218.5	220.7	1969
2383 >E	Leeds 345kV Voltage	Marcy South N.	24.4	327.8	346.9	2573
2389 >E	Niagara 230kV East Voltage	Marcy South S.	46.1	218.5	226.5	2449
2389 >E	Niagara 230kV West Voltage	Marcy South S.	46.1	218.5	226.5	2449
2390 >E	Ramapo 500kV Voltage	Marcy South S.	72.3	500	498.7	2450
2401 >E	Oakdale 345kV Voltage	SBK Marcy R3108	25.2	320	328.1	1992
2404 >E	Fraser 345kV Voltage	SBK Marcy R3108	28.1	327.8	327.8	1994
2422 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	25.6	327.8	329.8	2388
2423 >E	Niagara 345kV Voltage	Ph2 DC 1500	22.2	327.8	341.1	2388
2441 >E	Roseton 345kV Voltage	Ph2 DC 1500	25.0	327.8	330.2	2398
2456 >E	Coopers Corners 345kV Voltage	Marcy South N.	28.3	327.8	300.6	2597
2459 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	38.9	207	223.0	810
2498 >E	Niagara 345kV Voltage	Marcy South S.	23.9	327.8	345.2	2490

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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2502 >E	Station 80 345kV Voltage	SBK Marcy R3108	47.8	327.8	330.4	2060
2541 >E	Leeds 345kV Voltage	Ph2 DC 1500	25.6	327.8	327.8	2455
2569 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	34.4	327.8	342.8	866
2581 >E	Leeds 345kV Voltage	Marcy South S.	29.6	327.8	338.9	2522
2587 >E	Rainey 345kV Voltage	Ravenswood 3	38.3	327.8	341.9	2600
2592 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	42.8	327.8	322.5	2119
2633 >E	Farragut 345kV Voltage	Ravenswood 3	40.4	327.8	341.1	2643
2662 >E	Gordon Rd 345kV Voltage	SBK Princetown 345	40.3	327.8	234.1	2653
2707 >E	Gardenville 230kV Voltage	Marcy South S.	36.4	207	221.8	2569
2725 >E	Gardenville 230kV Voltage	Ph2 DC 1500	36.3	207	218.6	2559
2804 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	53.2	327.8	342.5	984
2833 >E	Rainey 345kV Voltage	Pre-Fault	63.1	NA	338	2833
2835 >E	Pleasant Valley 345kV Voltage	Marcy South N.	47.1	327.8	339.8	2720
2838 >E	Farragut 345kV Voltage	Pre-Fault	65.4	NA	338	2838
2997 >E	Goethals 345kV Voltage	Ravenswood 3	54.9	327.8	340.0	2978
3039 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	59.1	327.8	339.9	1101
3112 >E	Ramapo 500kV Voltage	SBK Marcy R3108	154.0	500	500.5	2465
3174 >E	Goethals 345kV Voltage	Pre-Fault	88.5	NA	338	3174
3301 >E	Pleasant Valley 345kV Voltage	Marcy South S.	67.4	327.8	330.2	2793
3350 >E	Watercure 230kV Voltage	SBK Marcy R3108	69.4	207	212.4	2624
3414 >E	Gilboa 345kV Voltage	SBK Marcy R3108	57.0	327.8	328.1	2667
3436 >E	Rock Tavern 345kV Voltage	Marcy South N.	61.9	327.8	316.0	2916
3437 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	61.6	327.8	328.4	3354
3459 >E	Roseton 345kV Voltage	Marcy South N.	63.4	327.8	332.9	2923
3461 >E	Rainey 345kV Voltage	SBK Princetown 345	62.6	327.8	328.0	3422
3465 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	63.9	327.8	328.4	3381
3474 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	63.0	327.8	327.8	3468
3475 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	63.0	327.8	327.8	3473
3476 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	63.1	327.8	327.8	3476
3476 >E	Rainey 345kV Voltage	SBK Edic R945	63.1	327.8	327.8	3476
3483 >E	Rainey 345kV Voltage	SBK Edic R70	63.3	327.8	327.7	3137
3490 >E	Farragut 345kV Voltage	SBK Princetown 345	64.9	327.8	328.0	3449
3502 >E	Rainey 345kV Voltage	Volney-Marcy	63.9	327.8	327.4	3416
3503 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	65.4	327.8	327.8	3496
3504 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	65.4	327.8	327.8	3502
3505 >E	Farragut 345kV Voltage	SBK Edic R945	65.4	327.8	327.8	3505
3505 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	65.4	327.8	327.8	3505
3513 >E	Farragut 345kV Voltage	SBK Edic R70	65.7	327.8	327.7	3161
3531 >E	Farragut 345kV Voltage	Volney-Marcy	66.3	327.8	327.4	3444

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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3586 >E	Millwood 345kV Voltage	Marcy South N.	87.2	327.8	331.9	2964
3641 >E	Buchanan North 345kV Voltage	Marcy South N.	91.4	327.8	329.2	2982
3734 >E	Sprain Brook 345kV Voltage	Marcy South N.	106.6	327.8	330.3	3013
3736 >E	Rainey 345kV Voltage	Ph2 DC 1500	72.8	327.8	330.4	3131
3736 >E	Dunwoodie 345kV Voltage	Marcy South N.	107.2	327.8	330.2	3013
3769 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	108.7	327.8	338.2	1467
3771 >E	Farragut 345kV Voltage	Ph2 DC 1500	75.6	327.8	330.4	3151
3791 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	92.7	327.8	341.5	1478
3798 >E	Buchanan South 345kV Voltage	Marcy South N.	89.9	327.8	331.4	3033
3995 >E	Gardenville 230kV Voltage	Pre-Fault	135.5	NA	217	3995
4023 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	86.5	327.8	328.4	3918
4057 >E	Goethals 345kV Voltage	SBK Princetown 345	87.8	327.8	328.0	3995
4059 >E	Ramapo 345kV Voltage	Marcy South N.	91.6	327.8	327.4	3118
4060 >E	Somerset 345kV Voltage	SBK Marcy R3108	96.2	327.8	330.0	3097
4075 >E	Goethals 345kV Voltage	361-362 D1b Ckt Twr 345	88.4	327.8	327.8	4066
4076 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	88.5	327.8	327.8	4073
4077 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	88.5	327.8	327.8	4077
4077 >E	Goethals 345kV Voltage	SBK Edic R945	88.5	327.8	327.8	4077
4081 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	73.9	327.8	320.3	3111
4081 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	73.9	327.8	320.3	3111
4086 >E	Goethals 345kV Voltage	SBK Edic R70	88.8	327.8	327.7	3622
4112 >E	Goethals 345kV Voltage	Volney-Marcy	89.7	327.8	327.4	4005
4113 >E	Gardenville 230kV Voltage	Volney-Marcy	89.2	207	216.1	4007
4290 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	105.8	327.8	342.2	1729
4301 >E	Gardenville 230kV Voltage	Ravenswood 3	96.2	207	214.7	4178
4303 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	82.9	327.8	320.9	3259
4363 >E	Ladentown 345kV Voltage	Marcy South N.	99.2	327.8	329.3	3217
4401 >E	Goethals 345kV Voltage	Ph2 DC 1500	101.1	327.8	330.5	3508
4438 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	105.0	327.8	344.2	1802
4665 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	85.7	327.8	310.8	1916
4665 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	85.7	327.8	310.8	1916
4706 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	90.3	327.8	315.1	1937
4720 >E	Roseton 345kV Voltage	Marcy South S.	106.2	327.8	309.3	3328
4751 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	135.1	327.8	338.4	1960
4770 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	115.4	327.8	343.2	1969
4792 >E	Bowline 1 345kV Voltage	Marcy South N.	109.1	327.8	329.5	3357
4820 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	123.0	207	219.0	1994
4826 >E	Bowline 2 345kV Voltage	Marcy South N.	108.7	327.8	329.6	3368
4838 >E	Millwood 345kV Voltage	Marcy South S.	144.8	327.8	310.3	3373
4903 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	118.0	327.8	338.3	2036

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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4997 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	127.4	327.8	321.5	3721
5102 >E	Sprain Brook 345kV Voltage	Marcy South S.	179.8	327.8	310.9	3472
5112 >E	Dunwoodie 345kV Voltage	Marcy South S.	181.8	327.8	311.1	3476
5135 >E	Buchanan North 345kV Voltage	Marcy South S.	151.2	327.8	299.1	3485
5198 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	161.1	327.8	336.2	2183
5227 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	130.9	207	207.9	5074
5291 >E	Buchanan South 345kV Voltage	Marcy South S.	150.1	327.8	302.5	3543
5305 >E	Gardenville 230kV Voltage	SBK Princetown 345	133.8	207	207.3	5195
5324 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	125.4	327.8	342.0	2247
5339 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	135.1	207	207.1	5324
5347 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	135.4	207	207.0	5342
5350 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	135.5	207	207.0	5350
5351 >E	Gardenville 230kV Voltage	SBK Edic R945	135.5	207	207.0	5351
5369 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	192.4	327.8	334.6	2269
5445 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	196.8	327.8	334.5	2307
5494 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	118.3	327.8	327.8	2332
5496 >E	Leeds 345kV Voltage	SBK Marcy R3108	118.4	327.8	327.8	4054
5738 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	275.4	218.5	225.8	2454
5738 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	275.4	218.5	225.8	2454
5757 >E	Northport 138kV Voltage	Pre-Fault	448.7	NA	135	5757
6239 >E	Ramapo 345kV Voltage	Marcy South S.	163.1	327.8	281.3	3901
6289 >E	Northport 138kV Voltage	Ravenswood 3	360.8	131.1	133.8	6010
6458 >E	Gardenville 230kV Voltage	SBK Marcy R3108	178.8	207	211.2	4695
6575 >E	Ladentown 345kV Voltage	Marcy South S.	171.9	327.8	279.8	4028
6994 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	253.4	327.8	322.4	5052
7095 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	195.1	327.8	328.8	3135
7227 >E	Rock Tavern 345kV Voltage	Marcy South S.	172.7	327.8	211.6	4273
7339 >E	Bowline 1 345kV Voltage	Marcy South S.	189.6	327.8	269.5	4316
7390 >E	Bowline 2 345kV Voltage	Marcy South S.	188.6	327.8	269.2	4335
7398 >E	Northport 138kV Voltage	N.Scot-Leeds 345	440.2	131.1	131.3	7160
7485 >E	Northport 138kV Voltage	SBK Princetown 345	447.1	131.1	131.1	7291
7507 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	448.7	131.1	131.1	7481
7507 >E	Northport 138kV Voltage	Princetown-N.Scot 345	448.7	131.1	131.1	7499
7507 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	448.7	131.1	131.1	7507
7507 >E	Northport 138kV Voltage	SBK Edic R945	448.7	131.1	131.1	7507
7524 >E	Northport 138kV Voltage	SBK Edic R70	450.0	131.1	131.1	6388
7579 >E	Northport 138kV Voltage	Volney-Marcy	454.1	131.1	130.9	7357
7642 >E	Ramapo 345kV Voltage	SBK Marcy R3108	236.6	327.8	321.2	5483
8035 >E	Roseton 345kV Voltage	SBK Marcy R3108	223.8	327.8	321.3	5745

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Interface: Central East

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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
8164 >E	Niagara 345kV Voltage	SBK Marcy R3108	215.9	327.8	329.5	5831
8804 >E	Niagara 230kV East Voltage	SBK Marcy R3108	468.1	218.5	219.8	6257
8804 >E	Niagara 230kV West Voltage	SBK Marcy R3108	468.1	218.5	219.8	6257
8992 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	272.0	327.8	319.9	6383
9063 >E	Ladentown 345kV Voltage	SBK Marcy R3108	278.0	327.8	320.5	6430
9166 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	317.1	327.8	320.2	6498
9567 >E	Millwood 345kV Voltage	SBK Marcy R3108	356.1	327.8	319.6	6766
9794 >E	Coopers Corners 345kV Voltage	Marcy South S.	195.7	327.8	-242.2	5242
9827 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	421.2	327.8	320.0	6939
9969 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	430.5	327.8	319.8	7033
10315 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	307.6	327.8	319.9	7263
10421 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	306.7	327.8	319.8	7334
11345 >E	Rainey 345kV Voltage	Marcy South N.	353.6	327.8	332.0	5491
11504 >E	Farragut 345kV Voltage	Marcy South N.	366.9	327.8	332.0	5543
15148 >E	Goethals 345kV Voltage	Marcy South N.	512.6	327.8	331.9	6730
16716 >E	Rainey 345kV Voltage	Marcy South S.	550.9	327.8	305.6	7852
16827 >E	Farragut 345kV Voltage	Marcy South S.	566.3	327.8	306.4	7894
17615 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	584.1	327.8	338.4	8408
17729 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	600.5	327.8	338.3	8465
22220 >E	Goethals 345kV Voltage	Marcy South S.	782.6	327.8	306.8	9928
23063 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	815.1	327.8	339.0	11139
35568 >E	Northport 138kV Voltage	Marcy South N.	2663.6	131.1	132.4	13381
38069 >E	Rainey 345kV Voltage	SBK Marcy R3108	1331.5	327.8	317.2	25751
38475 >E	Farragut 345kV Voltage	SBK Marcy R3108	1374.2	327.8	317.4	26021
55297 >E	Goethals 345kV Voltage	SBK Marcy R3108	2041.6	327.8	316.5	37226
84410 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	6496.0	131.1	138.6	41893

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998
>E						
99998	Pannell Road 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998	Station 80 345kV Voltage	361-362 Dlb Ckt Twr	NA	327.8	NA	99998
>E		345				
99998	Station 80 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Somerset 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	361-362 Dlb Ckt Twr	NA	327.8	NA	99998
>E		345				
99998	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	Edic-Gordon Rd. 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R945	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

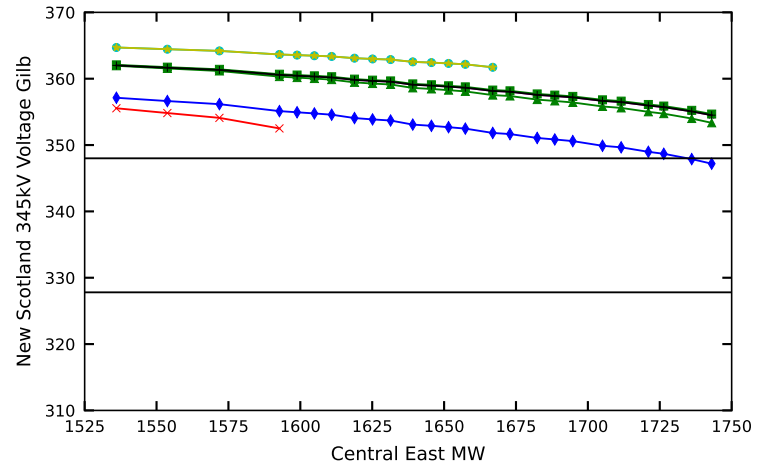
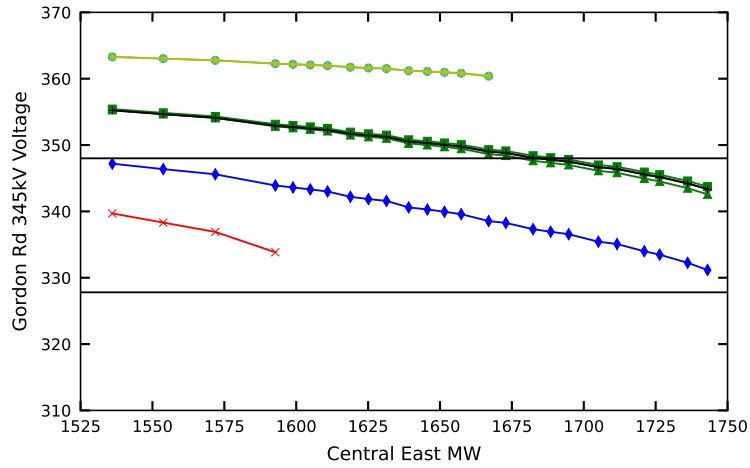
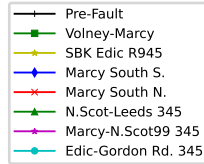
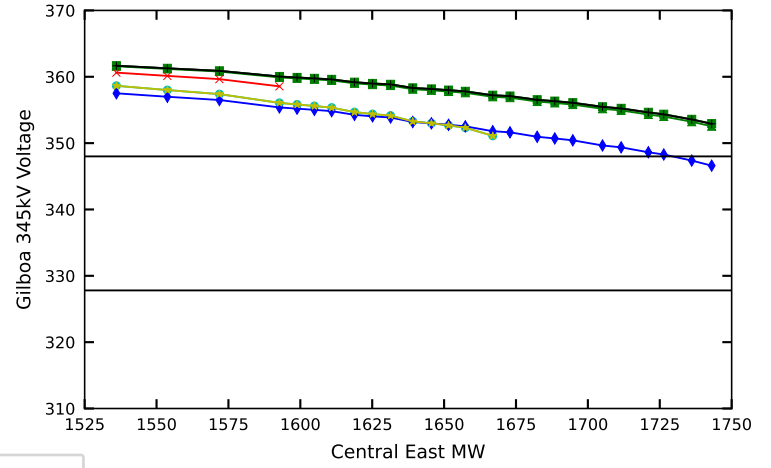
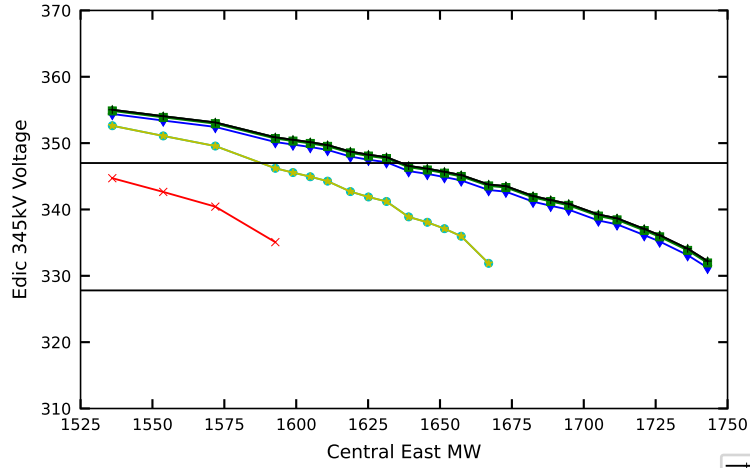
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1: 2023S CEVC PH2 CE1570 MS2270 DE1300 00 14_OS

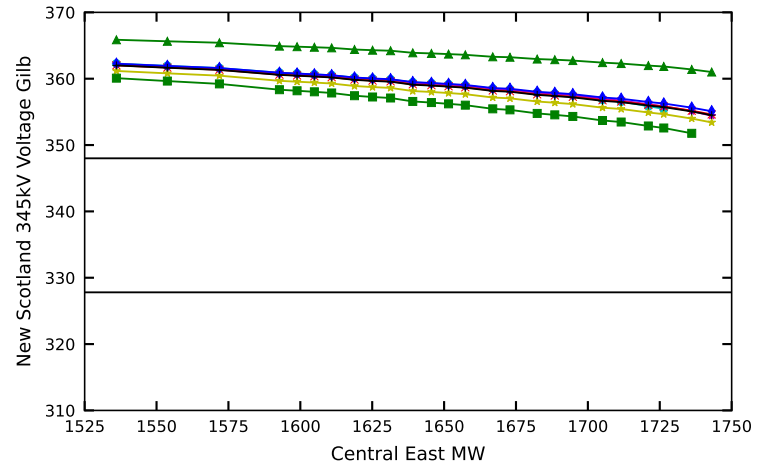
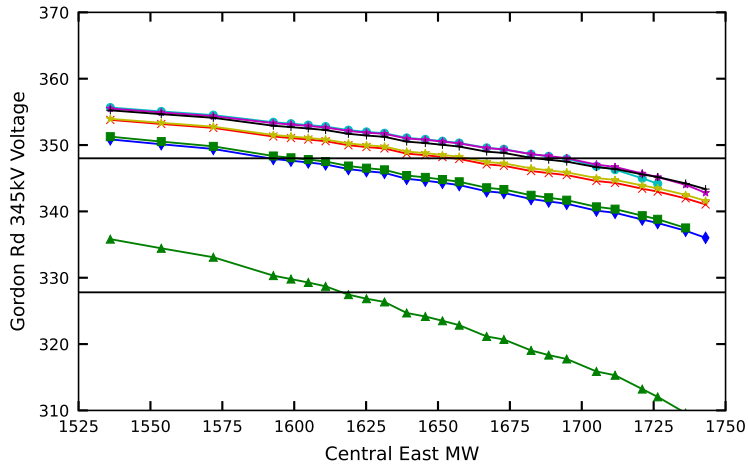
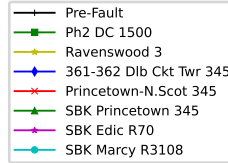
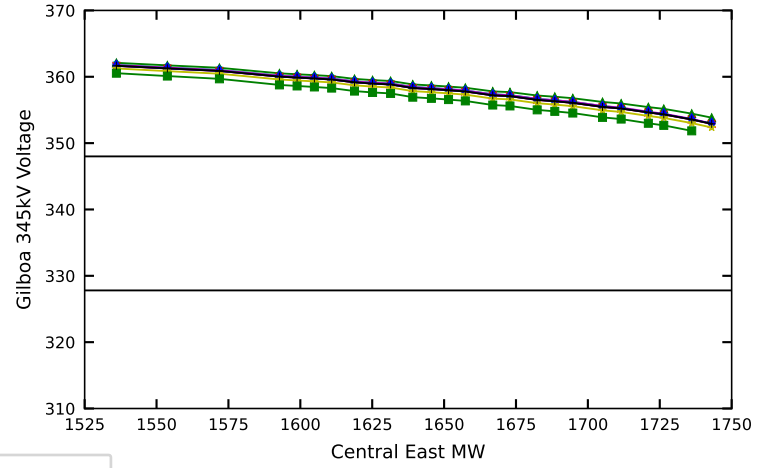
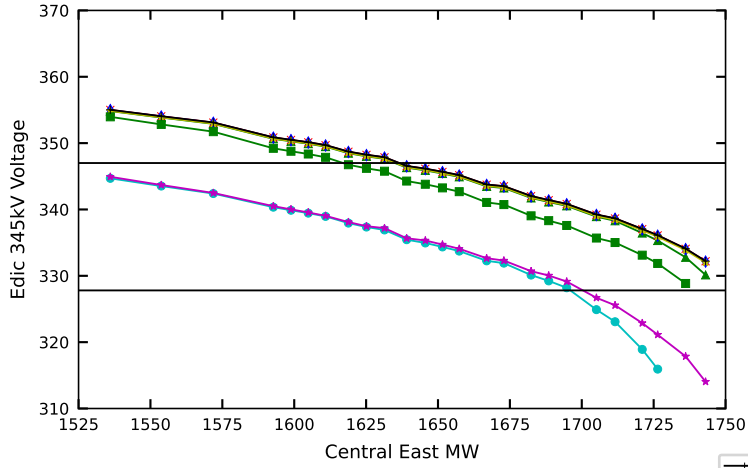
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				<-Post->	<-Pre->	
>E		345				
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99999	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

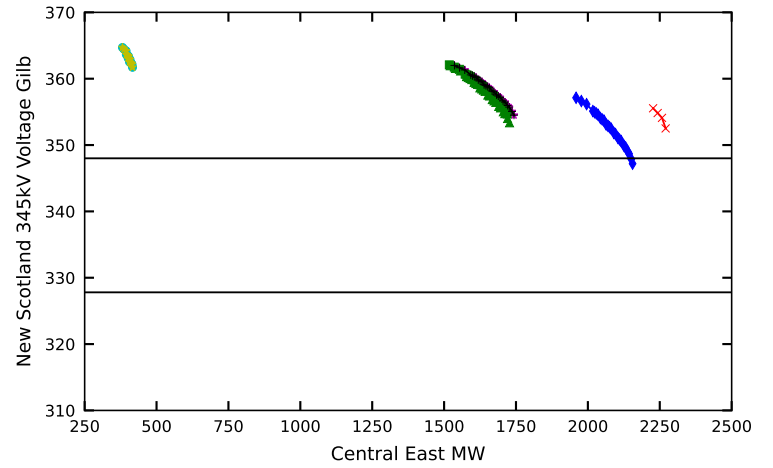
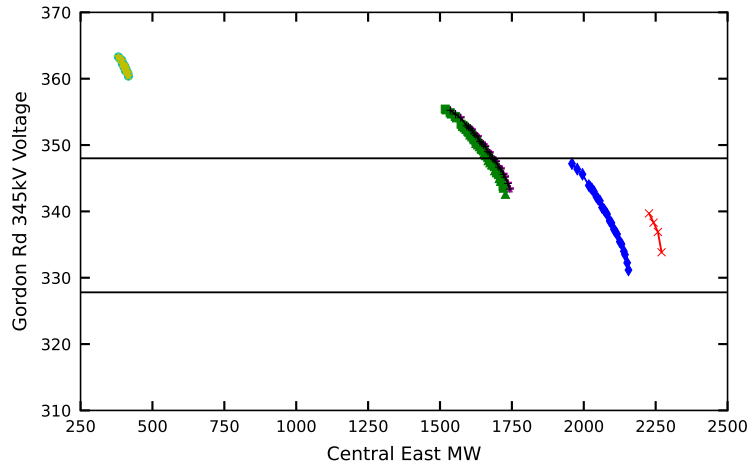
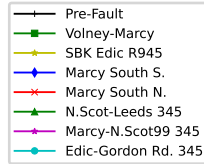
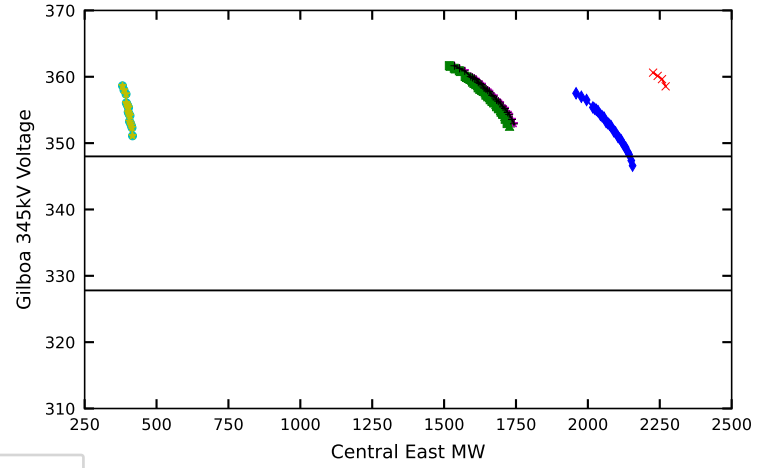
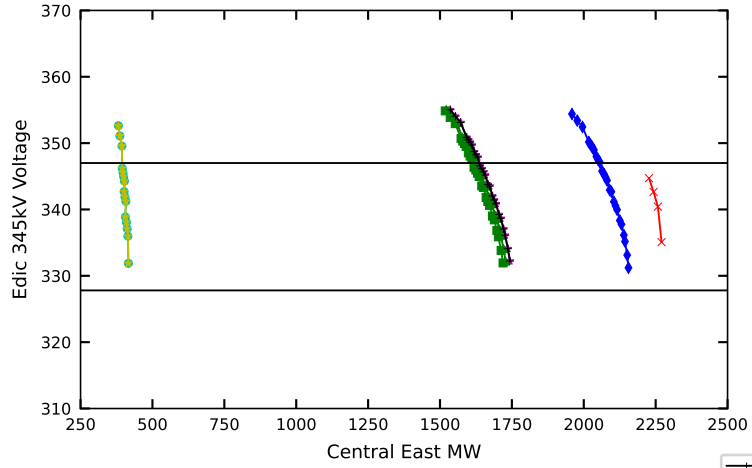
1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_05 Figure 1



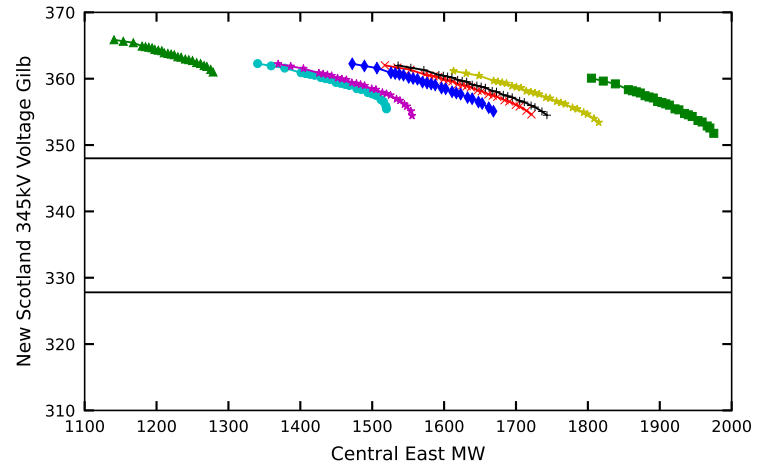
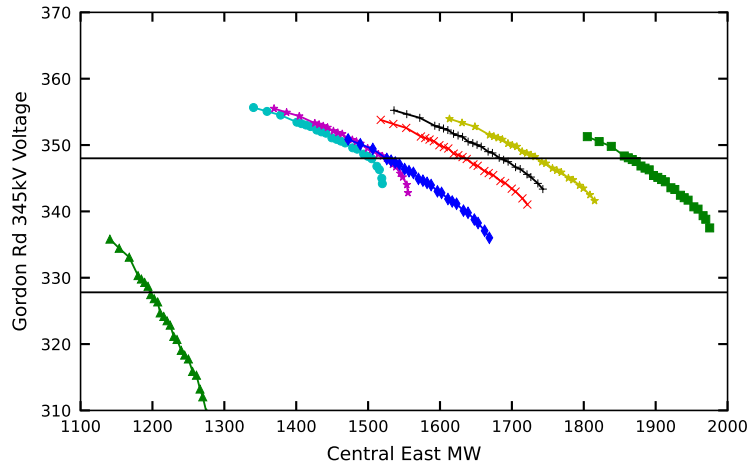
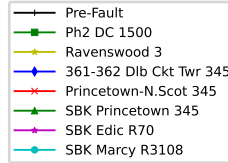
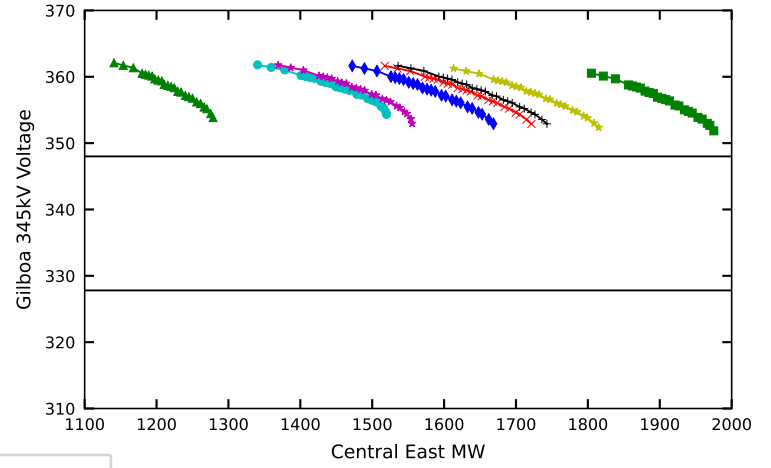
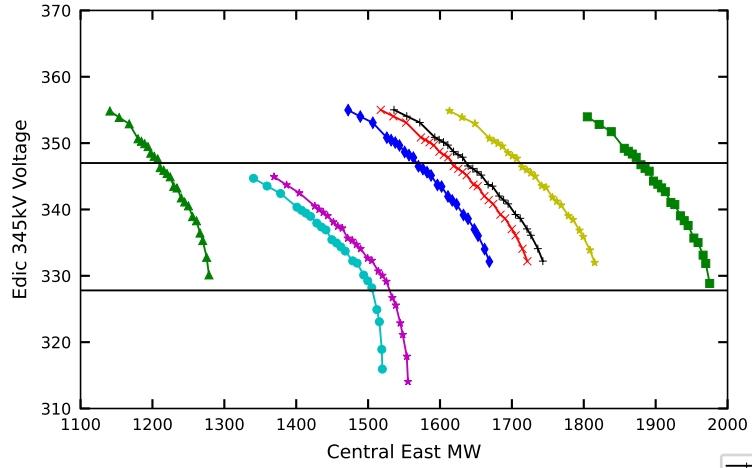
1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_05 Figure 2



1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_05 Figure 1



1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

Interface: Central East

Transfer	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
	MW	e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
1536	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1553	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1571	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1592	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1598	t5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
1604	t6	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
1610	t7	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
1618	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
1625	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
1631	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
1639	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
1645	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
1651	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
1657	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
1666	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
1672	t1	0	1	0	0	2	0	1	0	0	0	0	0	0	0	0
	6															
1682	t1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	7															
1688	t1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	8															
1694	t1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	9															
1705	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	0															
1711	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	1															
1721	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	2															
1726	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	3															
1736	t2	0	2	0	0	2	0	2	0	2	0	0	0	0	0	0
	4															
1743	t2	0	2	0	0	2	0	2	0	2	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

Interface: Central East

Twr 345																								
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																								
wood 3																								
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Ph2 DC																								
1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1381 <E	Dunwoodie 345kV Voltage	Pre-Fault	347.9	NA	348	1381
1417 <E	Sprain Brook 345kV Voltage	Pre-Fault	342.0	NA	348	1417
1513	limit with 5% margin	Marcy South N.	NA	NA	NA	2156
1530	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	382
1530	limit with 5% margin	SBK Edic R945	NA	NA	NA	382
1602 >E	Clay 345kV Voltage	Marcy South N.	4.3	327.8	347.9	2276
1616	Gordon Rd 345kV Voltage	SBK Princetown 345	6.3	327.8	351.8	1196
1621 >E	Edic 345kV Voltage	Marcy South N.	3.9	327.8	347.8	2287
1627 >E	Marcy 345kV Voltage	Marcy South N.	3.9	327.8	347.5	2291
1633	Marcy 345kV Voltage	Pre-Fault	5.8	NA	348	1633
1633 >E	Gordon Rd 345kV Voltage	Marcy South N.	6.8	327.8	350.6	2295
1636	Edic 345kV Voltage	Pre-Fault	5.9	NA	347	1636
1638	Pannell Road 345kV Voltage	Pre-Fault	13.0	NA	346	1638
1638 >E	Oakdale 345kV Voltage	Marcy South N.	4.5	320	350.9	2298
1640	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1443
1641	Station 80 345kV Voltage	Pre-Fault	21.9	NA	346	1641
1645	Clay 345kV Voltage	Pre-Fault	20.8	NA	345	1645
1645 >E	Pannell Road 345kV Voltage	Marcy South N.	6.5	327.8	345.1	2302
1649	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	1876
1655	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1655
1655	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	1641
1655	limit with 5% margin	Marcy South S.	NA	NA	NA	2047
1655	limit with 5% margin	Volney-Marcy	NA	NA	NA	1633
1655	limit with 5% margin	SBK Edic R70	NA	NA	NA	1477
1655	limit with 5% margin	SBK Princetown 345	NA	NA	NA	1214
1655	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	1635
1655	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	1585
1655	limit with 5% margin	Ravenswood 3	NA	NA	NA	1724
1665 >E	Station 80 345kV Voltage	Marcy South N.	7.1	327.8	343.8	2314
1683	Gordon Rd 345kV Voltage	Pre-Fault	21.0	NA	348	1683
1696	Edic 345kV Voltage	SBK Marcy R3108	3.1	327.8	340.6	1505
1700	Edic 345kV Voltage	SBK Edic R70	4.2	327.8	340.0	1529
1705	Clay 345kV Voltage	SBK Marcy R3108	3.0	327.8	339.5	1512
1710	Clay 345kV Voltage	SBK Edic R70	4.7	327.8	339.0	1537
1731 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	2.5	327.8	339.9	1520
1739 >E	Edic 345kV Voltage	Ph2 DC 1500	3.2	327.8	333.4	1977
1741 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.1	327.8	340.1	1521
1741 >E	Clay 345kV Voltage	SBK Edic R945	10.0	327.8	339.1	458
1742	Millwood 345kV Voltage	Pre-Fault	19.5	NA	348	1742
1742 >E	Marcy 345kV Voltage	Ph2 DC 1500	3.2	327.8	333.3	1978

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1745 >E	Oakdale 345kV Voltage	Pre-Fault	3.8	NA	335	1745
1745 >E	Pannell Road 345kV Voltage	SBK Edic R70	2.9	327.8	338.4	1556
1747 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	338.7	460
1748 >E	Clay 345kV Voltage	Ph2 DC 1500	3.8	327.8	333.5	1981
1749 >E	Edic 345kV Voltage	SBK Princetown 345	2.6	327.8	330.6	1281
1750 >E	Clay 345kV Voltage	SBK Princetown 345	2.7	327.8	331.6	1282
1751 >E	Marcy 345kV Voltage	SBK Princetown 345	2.6	327.8	330.5	1282
1754 >E	Clay 345kV Voltage	Volney-Marcy	3.5	327.8	330.7	1730
1754 >E	Edic 345kV Voltage	SBK Edic R945	8.7	327.8	339.3	464
1755 >E	Edic 345kV Voltage	Marcy South S.	3.6	327.8	328.9	2163
1756 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.4	320	333.5	1523
1757 >E	Station 80 345kV Voltage	SBK Edic R70	3.4	327.8	338.4	1558
1757 >E	Clay 345kV Voltage	Marcy South S.	3.7	327.8	329.9	2164
1758 >E	Edic 345kV Voltage	Volney-Marcy	3.7	327.8	328.1	1733
1758 >E	Edic 345kV Voltage	Ravenswood 3	3.7	327.8	328.0	1829
1759 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	327.8	327.9	1683
1759 >E	Edic 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	1737
1759 >E	Edic 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	327.8	1743
1759 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	327.8	1759
1759 >E	Marcy 345kV Voltage	SBK Edic R945	8.7	327.8	339.4	466
1760 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	338.8	465
1760 >E	Marcy 345kV Voltage	Marcy South S.	3.7	327.8	327.8	2167
1760 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	1739
1760 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	327.8	1760
1760 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	327.8	1745
1760 >E	Marcy 345kV Voltage	Volney-Marcy	3.7	327.8	327.8	1736
1760 >E	Marcy 345kV Voltage	SBK Edic R70	3.7	327.8	327.8	1559
1760 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	327.8	327.8	1685
1760 >E	Marcy 345kV Voltage	Ravenswood 3	3.7	327.8	327.8	1831
1761 >E	Fraser 345kV Voltage	Pre-Fault	4.7	NA	338	1761
1761 >E	Buchanan North 345kV Voltage	Pre-Fault	20.3	NA	346	1761
1762 >E	Oakdale 345kV Voltage	SBK Edic R70	2.5	320	330.4	1560
1763 >E	Clay 345kV Voltage	Ravenswood 3	3.9	327.8	328.3	1834
1764 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	328.1	1688
1764 >E	Gordon Rd 345kV Voltage	Marcy South S.	6.4	327.8	340.7	2169
1765 >E	Clay 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.9	1743
1765 >E	Clay 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	327.8	1749
1765 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	327.8	1765

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Interface: Central East

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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1765 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	8.4	327.8	341.5	1525
1766 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	338.9	468
1769 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.8	327.8	338.6	1561
1771 >E	Coopers Corners 345kV Voltage	SBK Edic R945	12.7	327.8	347.0	471
1772 >E	Watercure 230kV Voltage	Marcy South N.	11.3	207	227.3	2379
1772 >E	Coopers Corners 345kV Voltage	Pre-Fault	6.7	NA	338	1772
1775 >E	Marcy 345kV Voltage	SBK Marcy R3108	5.6	327.8	327.8	1526
1776 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	13.1	327.8	346.8	472
1778 >E	Fraser 345kV Voltage	SBK Edic R945	9.2	327.8	347.5	474
1780 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.1	320	325.6	1296
1783 >E	Pannell Road 345kV Voltage	SBK Princetown 345	4.4	327.8	332.3	1297
1783 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.6	320	326.8	2001
1784 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	9.5	327.8	347.1	475
1784 >E	St.Lawrence 230kV Voltage	Pre-Fault	11.0	NA	225	1784
1786 >E	Rock Tavern 345kV Voltage	Pre-Fault	16.2	NA	348	1786
1791 >E	Oakdale 345kV Voltage	Volney-Marcy	3.6	320	322.8	1766
1792 >E	Oakdale 345kV Voltage	SBK Edic R945	8.7	320	342.5	480
1794 >E	Oakdale 345kV Voltage	Marcy South S.	3.7	320	322.0	2189
1795 >E	Gilboa 345kV Voltage	Pre-Fault	10.6	NA	348	1795
1796 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	6.5	327.8	336.7	1719
1796 >E	Pannell Road 345kV Voltage	Volney-Marcy	5.6	327.8	330.1	1771
1797 >E	Oakdale 345kV Voltage	Ravenswood 3	3.7	320	321.3	1865
1798 >E	Pannell Road 345kV Voltage	Marcy South S.	5.9	327.8	329.8	2191
1799 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	9.1	320	342.0	482
1799 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	320	320.6	1722
1800 >E	Station 80 345kV Voltage	SBK Princetown 345	5.2	327.8	332.3	1305
1801 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.8	320	320.2	1778
1801 >E	St.Lawrence 230kV Voltage	Marcy South N.	15.5	218.5	224.9	2397
1801 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.8	320	320.1	1785
1802 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.8	320	320.0	1802
1807 >E	Pannell Road 345kV Voltage	Ravenswood 3	6.1	327.8	328.3	1875
1808 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	5.8	327.8	332.8	1309
1808 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.4	327.8	337.1	2015
1808 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.7	327.8	327.8	1808
1808 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	327.8	1792
1808 >E	Fraser 345kV Voltage	Marcy South S.	4.7	327.8	327.8	2198
1808 >E	Fraser 345kV Voltage	Volney-Marcy	4.7	327.8	327.8	1782
1808 >E	Fraser 345kV Voltage	SBK Edic R70	4.7	327.8	327.8	1571
1808 >E	Fraser 345kV Voltage	SBK Princetown 345	4.7	327.8	327.8	1309

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1808 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	1785
1808 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	327.8	1730
1808 >E	Fraser 345kV Voltage	Ravenswood 3	4.7	327.8	327.8	1876
1809 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	328.1	1731
1810 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	327.9	1787
1810 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	327.8	1794
1810 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.1	327.8	327.8	1810
1813 >E	Buchanan South 345kV Voltage	Pre-Fault	20.0	NA	346	1813
1813 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	8.4	327.8	335.6	2018
1818 >E	Station 80 345kV Voltage	Volney-Marcy	6.5	327.8	329.8	1791
1818 >E	Coopers Corners 345kV Voltage	Ravenswood 3	6.4	327.8	331.3	1885
1820 >E	Station 80 345kV Voltage	Marcy South S.	6.9	327.8	329.5	2206
1822 >E	Fraser 345kV Voltage	Ph2 DC 1500	5.5	327.8	327.8	2023
1822 >E	New Scotland 345kV Voltage Alps	Pre-Fault	12.3	NA	348	1822
1822 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	12.3	NA	348	1822
1823 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	6.4	327.8	331.3	2024
1828 >E	Station 80 345kV Voltage	Ravenswood 3	7.1	327.8	328.4	1894
1828 >E	Gordon Rd 345kV Voltage	SBK Edic R70	5.7	327.8	332.8	1575
1829 >E	Ramapo 500kV Voltage	Ravenswood 3	23.5	500	505.2	1895
1831 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	7.1	327.8	328.0	1751
1831 >E	Somerset 345kV Voltage	SBK Marcy R3108	5.9	327.8	345.7	1534
1832 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	7.1	327.8	327.9	1809
1832 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	7.1	327.8	327.8	1815
1832 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	7.1	327.8	327.8	1832
1834 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	6.6	327.8	337.0	1534
1836 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	9.1	218.5	220.3	1322
1837 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	6.7	327.8	328.4	1757
1838 >E	Pannell Road 345kV Voltage	SBK Edic R945	15.1	327.8	337.5	500
1839 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	6.7	327.8	328.1	1822
1840 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	6.7	327.8	328.0	1817
1841 >E	St.Lawrence 230kV Voltage	SBK Edic R70	10.0	218.5	219.9	1578
1841 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.7	327.8	327.8	1841
1842 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	7.5	327.8	331.0	1819
1844 >E	Pleasant Valley 345kV Voltage	Pre-Fault	23.0	NA	348	1844
1846 >E	Coopers Corners 345kV Voltage	Volney-Marcy	6.8	327.8	327.1	1818
1848 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	15.7	327.8	337.0	502
1850 >E	Somerset 345kV Voltage	SBK Edic R70	5.9	327.8	342.5	1580

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Interface: Central East

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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1850 >E	Gordon Rd 345kV Voltage	Ravenswood 3	7.8	327.8	330.1	1915
1851 >E	Ramapo 500kV Voltage	Ph2 DC 1500	28.6	500	505.2	2039
1851 >E	St.Lawrence 230kV Voltage	Ravenswood 3	10.9	218.5	218.9	1916
1852 >E	St.Lawrence 230kV Voltage	Volney-Marcy	10.9	218.5	218.8	1825
1853 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	7.5	327.8	329.7	1837
1854 >E	Somerset 345kV Voltage	Marcy South N.	12.8	327.8	345.8	2429
1856 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	11.0	218.5	218.5	1856
1856 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	11.0	218.5	218.5	1839
1856 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	11.0	218.5	218.5	1833
1857 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	11.0	218.5	218.4	1776
1857 >E	Ramapo 345kV Voltage	Pre-Fault	22.1	NA	346	1857
1858 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	12.8	218.5	222.4	2043
1859 >E	Fraser 345kV Voltage	SBK Marcy R3108	7.7	327.8	327.8	1538
1864 >E	St.Lawrence 230kV Voltage	Marcy South S.	11.2	218.5	217.7	2235
1869 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	8.1	327.8	327.8	1869
1872 >E	Station 80 345kV Voltage	Ph2 DC 1500	12.8	327.8	337.9	2051
1873 >E	Gordon Rd 345kV Voltage	Volney-Marcy	8.2	327.8	327.3	1844
1875 >E	Ramapo 500kV Voltage	SBK Edic R70	19.4	500	503.5	1587
1877 >E	Station 80 345kV Voltage	SBK Edic R945	16.7	327.8	336.5	516
1880 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	14.5	218.5	222.2	1541
1884 >E	Ladentown 345kV Voltage	Pre-Fault	21.3	NA	346	1884
1887 >E	Niagara 230kV East Voltage	Pre-Fault	20.8	NA	225	1887
1887 >E	Niagara 230kV West Voltage	Pre-Fault	20.8	NA	225	1887
1888 >E	Niagara 230kV East Voltage	SBK Edic R70	12.2	218.5	225.0	1589
1888 >E	Niagara 230kV West Voltage	SBK Edic R70	12.2	218.5	225.0	1589
1888 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	17.4	327.8	336.0	519
1905 >E	Somerset 345kV Voltage	Pre-Fault	12.4	NA	338	1905
1907 >E	Niagara 230kV East Voltage	Ph2 DC 1500	13.2	218.5	220.9	2071
1907 >E	Niagara 230kV West Voltage	Ph2 DC 1500	13.2	218.5	220.9	2071
1913 >E	Gilboa 345kV Voltage	Marcy South S.	9.1	327.8	336.8	2267
1916 >E	New Scotland 345kV Voltage Alps	Marcy South N.	13.1	327.8	349.0	2467
1916 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	13.1	327.8	349.0	2467
1921 >E	Sprain Brook 345kV Voltage	Ravenswood 3	15.8	327.8	335.4	1982
1924 >E	Dunwoodie 345kV Voltage	Ravenswood 3	16.2	327.8	335.4	1984
1926 >E	Watercure 230kV Voltage	SBK Marcy R3108	9.1	207	227.3	1547
1931 >E	Fraser 345kV Voltage	Marcy South N.	11.3	327.8	327.8	2476
1938 >E	Ramapo 500kV Voltage	SBK Princetown 345	25.7	500	501.3	1369
1938 >E	New Scotland 345kV Voltage Alps	Marcy South S.	10.1	327.8	338.6	2283
1938 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	10.1	327.8	338.6	2283
1939 >E	Bowline 1 345kV Voltage	Pre-Fault	21.3	NA	345	1939

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1948 >E	Bowline 2 345kV Voltage	Pre-Fault	21.2	NA	345	1948
1949 >E	Somerset 345kV Voltage	SBK Princetown 345	9.2	327.8	334.5	1374
1958 >E	Roseton 345kV Voltage	Pre-Fault	23.7	NA	345	1958
1962 >E	Ramapo 500kV Voltage	SBK Marcy R3108	33.3	500	505.0	1553
1964 >E	Rock Tavern 345kV Voltage	SBK Edic R70	11.1	327.8	337.0	1608
1969 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	27.6	500	500.2	1951
1970 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	27.8	500	500.2	1882
1973 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	27.9	500	500.1	1947
1974 >E	Ramapo 500kV Voltage	Pre-Fault	28.0	NA	500	1974
1974 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	28.0	500	500.0	1974
1975 >E	Niagara 230kV East Voltage	SBK Princetown 345	17.6	218.5	220.8	1387
1975 >E	Niagara 230kV West Voltage	SBK Princetown 345	17.6	218.5	220.8	1387
1982 >E	Ramapo 500kV Voltage	Volney-Marcy	29.0	500	499.7	1950
1984 >E	Buchanan North 345kV Voltage	Ravenswood 3	17.4	327.8	335.0	2041
1990 >E	Millwood 345kV Voltage	Ravenswood 3	17.0	327.8	335.3	2046
1996 >E	Gilboa 345kV Voltage	SBK Edic R70	10.1	327.8	329.0	1615
1997 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	10.3	327.8	329.0	1978
1999 >E	Niagara 230kV East Voltage	Marcy South S.	19.5	218.5	219.6	2323
1999 >E	Niagara 230kV West Voltage	Marcy South S.	19.5	218.5	219.6	2323
2000 >E	Gilboa 345kV Voltage	Ravenswood 3	10.5	327.8	328.7	2055
2004 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	9.8	327.8	333.2	1617
2004 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	9.8	327.8	333.2	1617
2004 >E	Somerset 345kV Voltage	Volney-Marcy	11.5	327.8	330.0	1971
2005 >E	Niagara 345kV Voltage	SBK Edic R70	9.5	327.8	345.3	1617
2006 >E	Somerset 345kV Voltage	Marcy South S.	11.7	327.8	329.9	2328
2007 >E	Leeds 345kV Voltage	Pre-Fault	21.2	NA	345	2007
2009 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	10.6	327.8	327.8	2009
2010 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	10.6	327.8	327.8	1983
2010 >E	Gilboa 345kV Voltage	Volney-Marcy	10.7	327.8	327.7	1977
2011 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	10.7	327.8	327.7	1921
2011 >E	Niagara 230kV East Voltage	Volney-Marcy	20.1	218.5	219.1	1978
2011 >E	Niagara 230kV West Voltage	Volney-Marcy	20.1	218.5	219.1	1978
2012 >E	Niagara 230kV East Voltage	Ravenswood 3	20.4	218.5	219.0	2066
2012 >E	Niagara 230kV West Voltage	Ravenswood 3	20.4	218.5	219.0	2066
2014 >E	Sprain Brook 345kV Voltage	SBK Edic R70	16.0	327.8	330.2	1619
2016 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	10.7	327.8	332.2	1997
2016 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	10.7	327.8	332.2	1997
2018 >E	Gilboa 345kV Voltage	Ph2 DC 1500	11.7	327.8	331.1	2133
2020 >E	Niagara 230kV East Voltage	SBK Marcy R3108	22.9	218.5	229.9	1561

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2020 >E	Niagara 230kV West Voltage	SBK Marcy R3108	22.9	218.5	229.9	1561
2020 >E	Dunwoodie 345kV Voltage	SBK Edic R70	16.5	327.8	330.2	1621
2020 >E	Somerset 345kV Voltage	Ravenswood 3	12.2	327.8	328.7	2074
2021 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	20.8	218.5	218.6	1931
2021 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	20.8	218.5	218.6	1931
2022 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	20.8	218.5	218.5	1996
2022 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	20.8	218.5	218.5	1996
2022 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	20.8	218.5	218.5	2003
2022 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	20.8	218.5	218.5	2003
2023 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	20.8	218.5	218.5	2023
2023 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	20.8	218.5	218.5	2023
2023 >E	Watercure 230kV Voltage	SBK Edic R70	12.6	207	226.8	1622
2024 >E	Rock Tavern 345kV Voltage	Ravenswood 3	14.3	327.8	333.3	2078
2026 >E	Buchanan South 345kV Voltage	Ravenswood 3	17.3	327.8	335.4	2079
2026 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	12.1	327.8	335.6	2138
2026 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	12.1	327.8	335.6	2138
2029 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	12.4	327.8	328.0	1938
2029 >E	Buchanan North 345kV Voltage	SBK Edic R70	16.0	327.8	332.8	1623
2031 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	12.4	327.8	327.9	2004
2031 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	12.4	327.8	327.8	2012
2032 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	12.4	327.8	327.8	2032
2033 >E	Niagara 345kV Voltage	SBK Marcy R3108	11.4	327.8	350.4	1563
2038 >E	Ramapo 500kV Voltage	SBK Edic R945	59.6	500	506.8	586
2039 >E	Gilboa 345kV Voltage	SBK Princetown 345	11.4	327.8	325.0	1417
2048 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	11.9	327.8	329.6	2100
2048 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	11.9	327.8	329.6	2100
2050 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	61.3	500	506.7	588
2050 >E	Gardenville 230kV Voltage	SBK Edic R70	12.5	207	219.2	1628
2054 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	17.9	327.8	328.1	2034
2058 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	18.1	327.8	327.8	2058
2059 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	18.1	327.8	327.8	2032
2060 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	18.2	327.8	327.7	1968
2061 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	18.4	327.8	328.1	2041
2065 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	18.6	327.8	327.8	2065
2066 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	18.6	327.8	327.8	2039
2066 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	14.5	327.8	330.7	2160
2068 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr	18.7	327.8	327.7	1975

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2068 >E	Sprain Brook 345kV Voltage	Volney-Marcy	18.5	327.8	327.3	2032
2068 >E	Millwood 345kV Voltage	SBK Edic R70	16.7	327.8	331.3	1632
2070 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	12.3	327.8	327.8	2070
2070 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	12.3	327.8	327.8	2070
2074 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	12.3	327.8	327.5	2039
2074 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	12.3	327.8	327.5	2039
2075 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	12.4	327.8	327.4	2047
2075 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	12.4	327.8	327.4	2047
2075 >E	Dunwoodie 345kV Voltage	Volney-Marcy	19.1	327.8	327.3	2040
2077 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	18.7	327.8	328.8	2166
2077 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	15.1	327.8	330.0	1435
2082 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	18.8	327.8	326.5	1437
2085 >E	Buchanan South 345kV Voltage	SBK Edic R70	16.4	327.8	332.4	1636
2088 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	19.3	327.8	328.9	2173
2090 >E	Niagara 230kV East Voltage	Marcy South N.	35.6	218.5	228.0	2573
2090 >E	Niagara 230kV West Voltage	Marcy South N.	35.6	218.5	228.0	2573
2090 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	19.4	327.8	326.4	1441
2091 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	12.8	327.8	326.1	1996
2091 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	12.8	327.8	326.1	1996
2095 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	13.4	327.8	339.2	1571
2095 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	13.4	327.8	339.2	1571
2096 >E	Ramapo 345kV Voltage	SBK Edic R70	16.2	327.8	335.2	1639
2097 >E	Gardenville 230kV Voltage	Pre-Fault	21.6	NA	217	2097
2104 >E	Ramapo 345kV Voltage	Ravenswood 3	18.8	327.8	334.8	2153
2108 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	16.1	327.8	328.1	2088
2109 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	16.1	327.8	328.1	2014
2109 >E	Ladentown 345kV Voltage	Ravenswood 3	18.1	327.8	335.4	2157
2112 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	16.2	327.8	327.9	2084
2114 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	16.2	327.8	327.8	2114
2116 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	20.3	327.8	331.3	2188
2120 >E	Ladentown 345kV Voltage	SBK Edic R70	16.1	327.8	334.9	1645
2123 >E	Watercure 230kV Voltage	SBK Edic R945	24.2	207	221.6	622
2125 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	20.1	327.8	328.1	2104
2127 >E	Rock Tavern 345kV Voltage	Volney-Marcy	16.7	327.8	326.9	2090
2129 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	19.3	327.8	328.2	2109
2130 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	20.3	327.8	327.8	2034

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2131 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	20.3	327.8	327.8	2102
2131 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	20.3	327.8	327.8	2131
2131 >E	Buchanan North 345kV Voltage	SBK Princetown 345	20.3	327.8	327.8	1460
2137 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	19.5	327.8	327.8	2137
2137 >E	Bowline 1 345kV Voltage	Ravenswood 3	18.1	327.8	335.7	2183
2137 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	19.6	327.8	327.8	2109
2139 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	19.6	327.8	327.7	2042
2144 >E	Bowline 1 345kV Voltage	SBK Edic R70	16.0	327.8	335.3	1650
2145 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	25.3	207	221.1	628
2145 >E	Bowline 2 345kV Voltage	Ravenswood 3	18.1	327.8	335.7	2191
2146 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	21.1	327.8	340.2	1578
2147 >E	Millwood 345kV Voltage	Ph2 DC 1500	19.7	327.8	329.8	2205
2147 >E	Buchanan North 345kV Voltage	Volney-Marcy	21.0	327.8	327.0	2109
2151 >E	Bowline 2 345kV Voltage	SBK Edic R70	16.0	327.8	335.4	1652
2152 >E	Millwood 345kV Voltage	Volney-Marcy	20.2	327.8	327.0	2113
2153 >E	Niagara 345kV Voltage	Pre-Fault	20.3	NA	338	2153
2153 >E	Gilboa 345kV Voltage	SBK Marcy R3108	16.1	327.8	331.1	1579
2168 >E	Millwood 345kV Voltage	SBK Princetown 345	20.4	327.8	326.2	1477
2170 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	19.8	327.8	328.2	2149
2173 >E	Sprain Brook 345kV Voltage	Marcy South S.	23.2	327.8	321.5	2437
2175 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	20.0	327.8	331.1	2221
2177 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	20.0	327.8	327.8	2177
2178 >E	Ramapo 500kV Voltage	Marcy South S.	52.4	500	492.7	2440
2178 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	20.0	327.8	327.8	2149
2179 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	20.1	327.8	327.7	2079
2182 >E	Gilboa 345kV Voltage	Marcy South N.	19.2	327.8	335.8	2628
2182 >E	Dunwoodie 345kV Voltage	Marcy South S.	23.9	327.8	321.5	2444
2191 >E	Gardenville 230kV Voltage	SBK Princetown 345	17.4	207	212.6	1488
2197 >E	Buchanan South 345kV Voltage	Volney-Marcy	20.8	327.8	326.8	2157
2197 >E	Buchanan South 345kV Voltage	SBK Princetown 345	20.6	327.8	326.8	1491
2203 >E	Niagara 345kV Voltage	SBK Princetown 345	15.4	327.8	335.5	1493
2205 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	21.3	327.8	332.3	2247
2224 >E	Roseton 345kV Voltage	SBK Edic R70	19.0	327.8	333.8	1669
2226 >E	Ramapo 345kV Voltage	Ph2 DC 1500	21.5	327.8	332.7	2250
2232 >E	Niagara 345kV Voltage	Marcy South N.	23.1	327.8	348.3	2659
2236 >E	Gardenville 230kV Voltage	Marcy South S.	19.4	207	210.6	2479
2243 >E	Ramapo 345kV Voltage	SBK Princetown 345	21.6	327.8	328.6	1512
2243 >E	Gardenville 230kV Voltage	SBK Marcy R3108	20.7	207	227.8	1592
2244 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	20.4	327.8	330.6	1674

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2245 >E	Ladentown 345kV Voltage	Ph2 DC 1500	20.9	327.8	333.6	2261
2250 >E	Leeds 345kV Voltage	Marcy South S.	18.7	327.8	333.5	2488
2251 >E	Roseton 345kV Voltage	Ravenswood 3	21.5	327.8	332.6	2290
2252 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	21.9	327.8	328.1	2230
2258 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	22.1	327.8	327.9	2154
2259 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	22.1	327.8	327.8	2229
2260 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	22.1	327.8	327.8	2260
2263 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	21.0	327.8	328.2	2241
2266 >E	Ladentown 345kV Voltage	SBK Princeton 345	21.1	327.8	328.1	1522
2270 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	21.3	327.8	327.8	2165
2271 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	21.3	327.8	327.8	2240
2271 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	21.3	327.8	327.8	2271
2274 >E	Gilboa 345kV Voltage	SBK Edic R945	24.1	327.8	342.4	687
2279 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	20.9	327.8	333.9	2279
2285 >E	Gardenville 230kV Voltage	Volney-Marcy	20.7	207	208.3	2242
2287 >E	Ramapo 345kV Voltage	Volney-Marcy	23.2	327.8	326.6	2244
2288 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	20.9	327.8	335.8	2284
2289 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	22.4	327.8	328.7	2266
2290 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	24.7	327.8	342.0	689
2291 >E	Watercure 230kV Voltage	SBK Princeton 345	22.7	207	221.4	1534
2292 >E	Gardenville 230kV Voltage	Ravenswood 3	20.9	207	208.0	2328
2296 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	21.0	327.8	328.2	2273
2298 >E	Bowline 1 345kV Voltage	SBK Princeton 345	21.1	327.8	328.1	1538
2303 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	21.2	327.8	327.9	2197
2304 >E	Niagara 345kV Voltage	Marcy South S.	18.7	327.8	330.6	2523
2304 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	21.3	327.8	327.8	2272
2304 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	21.3	327.8	327.8	2304
2305 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	21.0	327.8	328.2	2282
2305 >E	Ladentown 345kV Voltage	Volney-Marcy	22.5	327.8	326.2	2261
2308 >E	Bowline 2 345kV Voltage	SBK Princeton 345	21.0	327.8	328.1	1542
2308 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	21.5	207	207.2	2202
2309 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	23.0	327.8	327.8	2309
2311 >E	Pleasant Valley 345kV Voltage	Princeton-N.Scot 345	23.1	327.8	327.7	2280
2312 >E	Gardenville 230kV Voltage	Princeton-N.Scot 345	21.6	207	207.1	2280
2312 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	21.6	207	207.1	2290
2313 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	21.2	327.8	327.9	2205

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2313 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	21.2	327.8	327.8	2282
2313 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	21.6	207	207.0	2313
2314 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	21.2	327.8	327.8	2314
2317 >E	Niagara 345kV Voltage	Volney-Marcy	19.0	327.8	329.9	2273
2317 >E	Millwood 345kV Voltage	Marcy South S.	27.1	327.8	318.5	2532
2318 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	23.3	327.8	327.4	2211
2323 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	23.5	327.8	327.2	2278
2331 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	23.4	327.8	329.4	2308
2333 >E	Gardenville 230kV Voltage	Marcy South N.	30.5	207	225.9	2720
2336 >E	Niagara 345kV Voltage	Ravenswood 3	19.8	327.8	329.0	2369
2336 >E	Pleasant Valley 345kV Voltage	Marcy South S.	26.2	327.8	326.6	2544
2337 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	17.9	327.8	306.1	1556
2337 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	17.9	327.8	306.1	1556
2340 >E	Bowline 1 345kV Voltage	Volney-Marcy	22.5	327.8	326.1	2295
2355 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	23.3	327.8	328.3	2331
2356 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	20.2	327.8	328.0	2246
2358 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	20.3	327.8	327.9	2326
2359 >E	Roseton 345kV Voltage	Ph2 DC 1500	23.4	327.8	330.0	2324
2359 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	20.3	327.8	327.8	2336
2360 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	20.3	327.8	327.8	2360
2365 >E	Bowline 2 345kV Voltage	Volney-Marcy	23.0	327.8	325.4	2319
2366 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	23.7	327.8	327.8	2366
2366 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	23.7	327.8	327.8	2334
2367 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	23.8	327.8	327.7	2257
2370 >E	Leeds 345kV Voltage	Ravenswood 3	21.2	327.8	327.8	2402
2371 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	21.2	327.8	327.8	2371
2371 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	21.2	327.8	327.8	2347
2371 >E	Leeds 345kV Voltage	SBK Edic R70	21.2	327.8	327.8	1704
2371 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	21.2	327.8	327.8	2338
2371 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	21.2	327.8	327.8	2260
2371 >E	Leeds 345kV Voltage	Volney-Marcy	21.2	327.8	327.8	2325
2380 >E	Somerset 345kV Voltage	SBK Edic R945	32.4	327.8	338.0	733
2382 >E	Roseton 345kV Voltage	Volney-Marcy	24.2	327.8	327.1	2336
2387 >E	Ramapo 500kV Voltage	Marcy South N.	87.1	500	503.9	2753
2392 >E	St.Lawrence 230kV Voltage	SBK Edic R945	53.1	218.5	224.4	738
2400 >E	Roseton 345kV Voltage	SBK Princetown 345	24.7	327.8	326.4	1585
2413 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	33.8	327.8	337.3	741

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2428 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	26.4	327.8	322.6	1598
2428 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	55.6	218.5	224.0	747
2465 >E	Coopers Corners 345kV Voltage	Marcy South N.	24.6	327.8	294.4	2800
2469 >E	Buchanan South 345kV Voltage	Marcy South S.	31.0	327.8	313.2	2632
2478 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	41.2	327.8	337.4	1625
2480 >E	Leeds 345kV Voltage	Ph2 DC 1500	24.8	327.8	327.8	2392
2483 >E	Buchanan North 345kV Voltage	Marcy South S.	33.3	327.8	310.5	2641
2495 >E	Rock Tavern 345kV Voltage	SBK Edic R945	38.1	327.8	343.3	782
2506 >E	Ramapo 345kV Voltage	SBK Marcy R3108	35.4	327.8	340.1	1629
2514 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	38.9	327.8	343.0	783
2546 >E	Leeds 345kV Voltage	Marcy South N.	29.7	327.8	341.7	2850
2549 >E	Leeds 345kV Voltage	SBK Princetown 345	26.6	327.8	319.4	1655
2607 >E	Watercure 230kV Voltage	Pre-Fault	49.3	NA	215	2607
2617 >E	Ladentown 345kV Voltage	SBK Marcy R3108	37.6	327.8	341.1	1645
2622 >E	Rainey 345kV Voltage	Ravenswood 3	42.2	327.8	340.6	2637
2657 >E	Watercure 230kV Voltage	Volney-Marcy	36.9	207	214.0	2601
2671 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	37.4	327.8	341.9	1652
2676 >E	Farragut 345kV Voltage	Ravenswood 3	44.6	327.8	339.8	2687
2689 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	37.4	327.8	343.3	1655
2715 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	46.6	327.8	338.2	1659
2743 >E	Roseton 345kV Voltage	Marcy South S.	36.0	327.8	311.9	2811
2785 >E	Rainey 345kV Voltage	Pre-Fault	62.9	NA	338	2785
2793 >E	Farragut 345kV Voltage	Pre-Fault	65.5	NA	338	2793
2800 >E	Millwood 345kV Voltage	SBK Marcy R3108	53.6	327.8	336.6	1671
2822 >E	Roseton 345kV Voltage	SBK Marcy R3108	42.7	327.8	337.8	1674
2844 >E	Watercure 230kV Voltage	Marcy South S.	43.8	207	210.2	2877
2845 >E	Watercure 230kV Voltage	Ravenswood 3	44.3	207	210.2	2845
2872 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	65.4	327.8	335.1	1681
2890 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	66.7	327.8	335.0	1683
2934 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	47.0	207	208.4	2791
2979 >E	Ladentown 345kV Voltage	Marcy South S.	44.3	327.8	294.6	2966
2979 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	48.5	207	207.5	2936
2991 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	48.9	207	207.2	2960
3002 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	49.3	207	207.0	3002
3015 >E	Ramapo 345kV Voltage	Marcy South S.	46.5	327.8	293.7	2990
3016 >E	Leeds 345kV Voltage	SBK Marcy R3108	42.4	327.8	327.8	1701
3022 >E	Pleasant Valley 345kV Voltage	Marcy South N.	53.7	327.8	334.6	3139
3037 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	52.4	327.8	334.8	1704
3091 >E	Goethals 345kV Voltage	Ravenswood 3	61.2	327.8	338.3	3075
3121 >E	Goethals 345kV Voltage	Pre-Fault	88.0	NA	338	3121

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3178 >E	Bowline 1 345kV Voltage	Marcy South S.	48.9	327.8	286.7	3097
3191 >E	Bowline 2 345kV Voltage	Marcy South S.	48.7	327.8	286.5	3106
3207 >E	Buchanan North 345kV Voltage	SBK Edic R945	79.3	327.8	339.1	1088
3210 >E	Rainey 345kV Voltage	SBK Edic R70	55.1	327.8	331.3	1903
3219 >E	Ramapo 345kV Voltage	SBK Edic R945	67.4	327.8	342.6	1093
3234 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	80.6	327.8	338.9	1087
3238 >E	Farragut 345kV Voltage	SBK Edic R70	57.3	327.8	331.2	1910
3250 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	68.7	327.8	342.4	1094
3253 >E	Rock Tavern 345kV Voltage	Marcy South S.	47.8	327.8	257.5	3146
3394 >E	Rock Tavern 345kV Voltage	Marcy South N.	57.8	327.8	310.1	3365
3405 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	62.2	327.8	328.1	3369
3427 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	62.9	327.8	327.8	3427
3429 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	63.0	327.8	327.8	3378
3434 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	63.1	327.8	327.7	3263
3438 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	64.7	327.8	328.1	3401
3460 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	65.5	327.8	327.8	3460
3462 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	65.5	327.8	327.8	3411
3467 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	65.7	327.8	327.7	3294
3473 >E	Rainey 345kV Voltage	Volney-Marcy	64.6	327.8	327.1	3388
3507 >E	Farragut 345kV Voltage	Volney-Marcy	67.2	327.8	327.1	3421
3517 >E	Rainey 345kV Voltage	SBK Princetown 345	65.8	327.8	326.4	2107
3542 >E	Gordon Rd 345kV Voltage	SBK Edic R945	56.5	327.8	277.1	1231
3551 >E	Farragut 345kV Voltage	SBK Princetown 345	68.4	327.8	326.4	2123
3571 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	57.4	327.8	276.0	1230
3580 >E	Ladentown 345kV Voltage	SBK Edic R945	76.8	327.8	343.3	1248
3610 >E	Roseton 345kV Voltage	Marcy South N.	67.4	327.8	326.6	3496
3615 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	78.2	327.8	343.1	1248
3664 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	57.7	327.8	312.4	1284
3664 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	57.7	327.8	312.4	1284
3666 >E	Millwood 345kV Voltage	Marcy South N.	89.0	327.8	327.3	3530
3675 >E	Niagara 345kV Voltage	SBK Edic R945	70.1	327.8	339.6	1289
3679 >E	Buchanan North 345kV Voltage	Marcy South N.	91.0	327.8	325.2	3538
3689 >E	Bowline 1 345kV Voltage	SBK Edic R945	76.4	327.8	345.3	1295
3691 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	58.5	327.8	311.8	1280
3691 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	58.5	327.8	311.8	1280
3720 >E	Rainey 345kV Voltage	Ph2 DC 1500	73.5	327.8	330.6	3088
3726 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	77.7	327.8	345.2	1295
3729 >E	Goethals 345kV Voltage	SBK Edic R70	77.1	327.8	331.1	2027
3753 >E	Sprain Brook 345kV Voltage	Marcy South N.	105.4	327.8	326.2	3583

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3753 >E	Dunwoodie 345kV Voltage	Marcy South N.	105.9	327.8	326.1	3583
3770 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	73.4	327.8	338.7	1314
3786 >E	Farragut 345kV Voltage	Ph2 DC 1500	77.5	327.8	330.6	3125
3801 >E	Gardenville 230kV Voltage	SBK Edic R945	84.7	207	219.1	1343
3871 >E	Buchanan South 345kV Voltage	Marcy South N.	91.2	327.8	326.7	3655
3892 >E	Buchanan South 345kV Voltage	SBK Edic R945	97.1	327.8	339.3	1382
3896 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	88.3	207	218.4	1367
3924 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	98.5	327.8	339.1	1379
3929 >E	Bowline 2 345kV Voltage	SBK Edic R945	83.8	327.8	344.4	1398
3969 >E	Coopers Corners 345kV Voltage	Marcy South S.	54.3	327.8	11.7	3615
3971 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	85.4	327.8	344.2	1399
3977 >E	Roseton 345kV Voltage	SBK Edic R945	83.9	327.8	338.8	1419
3990 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	87.0	327.8	328.1	3946
3995 >E	Rainey 345kV Voltage	Marcy South S.	83.0	327.8	318.8	3633
4012 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	85.2	327.8	338.6	1416
4019 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	88.0	327.8	327.8	4019
4022 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	88.1	327.8	327.8	3961
4029 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	88.3	327.8	327.7	3823
4034 >E	Niagara 230kV East Voltage	SBK Edic R945	162.7	218.5	224.9	1443
4034 >E	Niagara 230kV West Voltage	SBK Edic R945	162.7	218.5	224.9	1443
4042 >E	Farragut 345kV Voltage	Marcy South S.	86.5	327.8	318.9	3664
4072 >E	Ramapo 345kV Voltage	Marcy South N.	90.0	327.8	323.0	3777
4082 >E	Goethals 345kV Voltage	Volney-Marcy	90.3	327.8	327.1	3975
4139 >E	Goethals 345kV Voltage	SBK Princetown 345	92.1	327.8	326.4	2397
4150 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	170.5	218.5	224.4	1474
4150 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	170.5	218.5	224.4	1474
4184 >E	Millwood 345kV Voltage	SBK Edic R945	114.5	327.8	337.0	1508
4215 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	115.9	327.8	336.9	1502
4309 >E	Sprain Brook 345kV Voltage	SBK Edic R945	137.0	327.8	335.5	1561
4336 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	138.3	327.8	335.3	1553
4346 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	83.2	327.8	327.8	1557
4346 >E	Leeds 345kV Voltage	SBK Edic R945	83.2	327.8	327.8	1577
4361 >E	Dunwoodie 345kV Voltage	SBK Edic R945	140.0	327.8	335.3	1583
4388 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	141.4	327.8	335.2	1575
4397 >E	Ladentown 345kV Voltage	Marcy South N.	98.7	327.8	324.6	3975
4438 >E	Goethals 345kV Voltage	Ph2 DC 1500	103.9	327.8	330.8	3491
4781 >E	Goethals 345kV Voltage	Marcy South S.	116.2	327.8	319.1	4148
4822 >E	Bowline 1 345kV Voltage	Marcy South N.	108.4	327.8	324.8	4232
4857 >E	Bowline 2 345kV Voltage	Marcy South N.	108.1	327.8	324.7	4254
5361 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	132.6	327.8	329.8	2013

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
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5386 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	133.5	327.8	329.7	1996
7298 >E	Rainey 345kV Voltage	SBK Marcy R3108	208.2	327.8	338.1	2304
7367 >E	Farragut 345kV Voltage	SBK Marcy R3108	215.0	327.8	337.9	2314
9410 >E	Goethals 345kV Voltage	SBK Marcy R3108	297.1	327.8	337.9	2602
11345 >E	Rainey 345kV Voltage	Marcy South N.	351.9	327.8	326.3	8197
11503 >E	Farragut 345kV Voltage	Marcy South N.	365.1	327.8	326.4	8293
13122 >E	Rainey 345kV Voltage	SBK Edic R945	419.3	327.8	339.3	5346
13234 >E	Farragut 345kV Voltage	SBK Edic R945	432.2	327.8	339.1	5394
13271 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	424.8	327.8	339.1	5325
13389 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	438.0	327.8	338.9	5374
15047 >E	Goethals 345kV Voltage	Marcy South N.	506.9	327.8	326.2	10447
17024 >E	Goethals 345kV Voltage	SBK Edic R945	584.8	327.8	339.7	7022
17210 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	591.9	327.8	339.5	6988
27329 >E	Northport 138kV Voltage	SBK Marcy R3108	2021.7	131.1	136.0	5127
34060 >E	Northport 138kV Voltage	Marcy South N.	2542.1	131.1	130.3	22001
56258 >E	Northport 138kV Voltage	SBK Edic R945	4284.5	131.1	138.0	23871
56859 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	4331.6	131.1	137.9	23726
62978 >E	Gardenville 230kV Voltage	Ph2 DC 1500	2333.8	207	869.0	36334
99998 >E	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

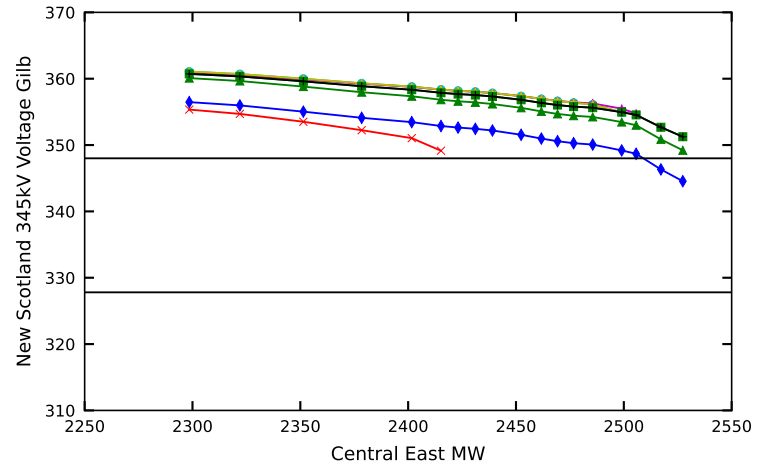
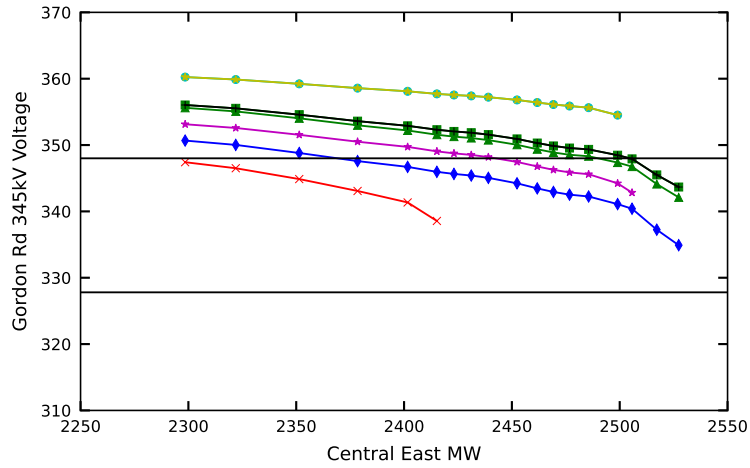
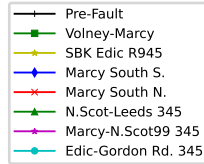
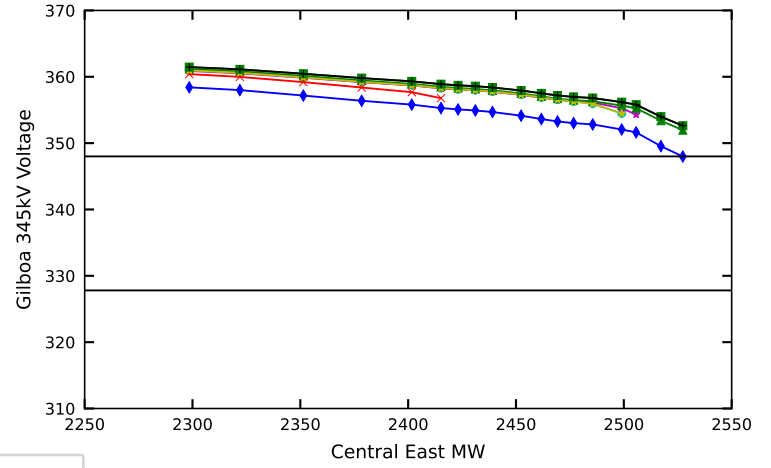
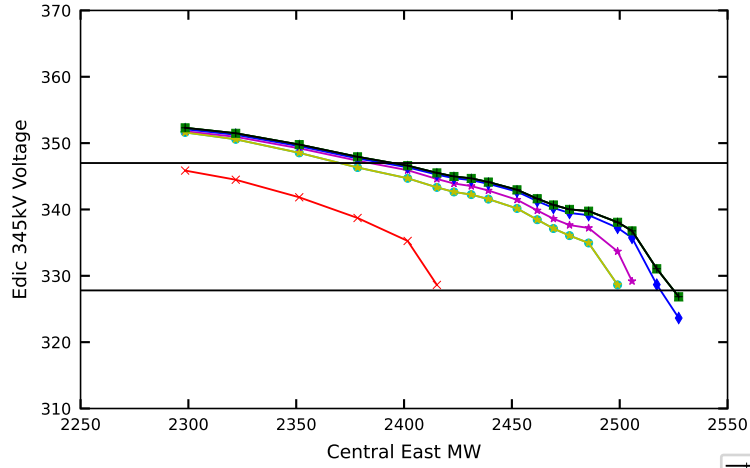
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1: 2023S CEVC PH2 CE1530 MS2270 DE1300 00 18_OS

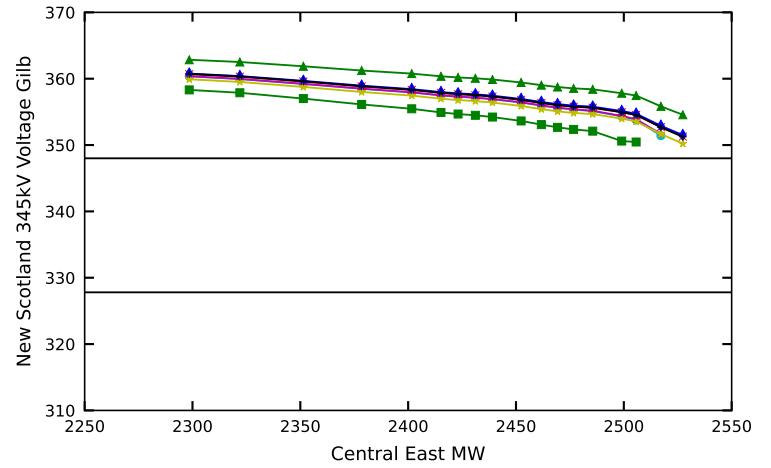
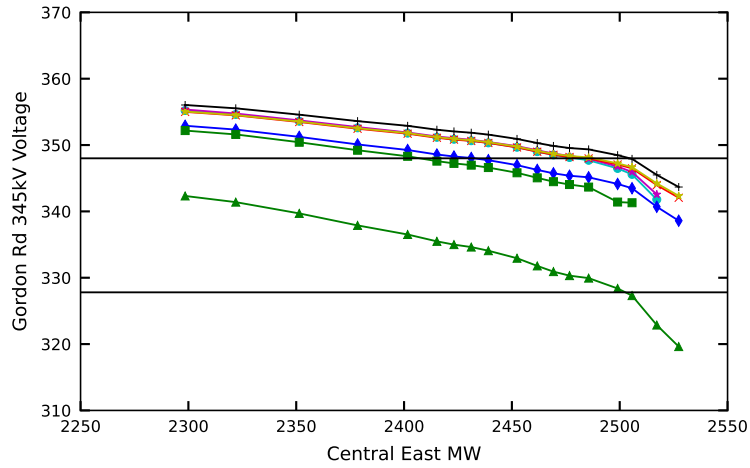
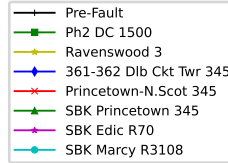
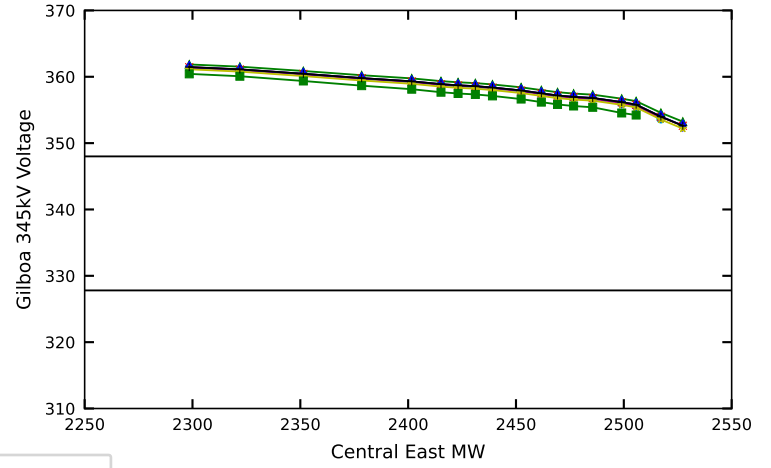
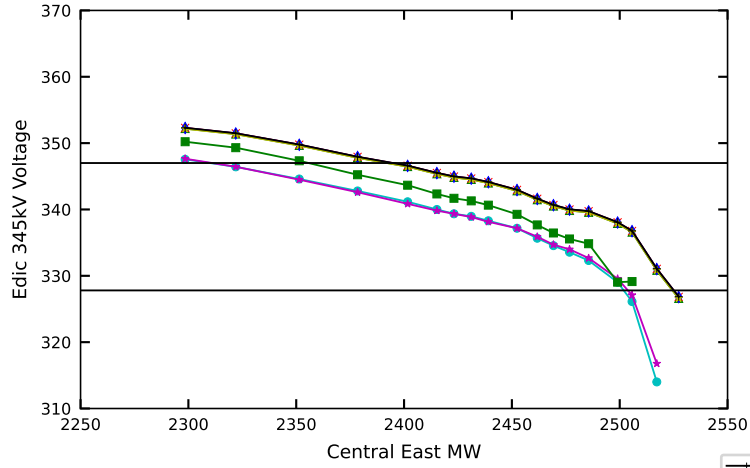
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998
>E						
99998	Somerset 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

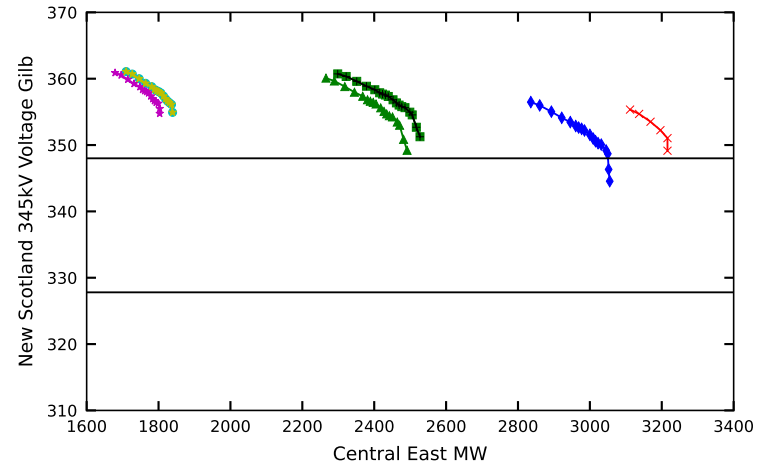
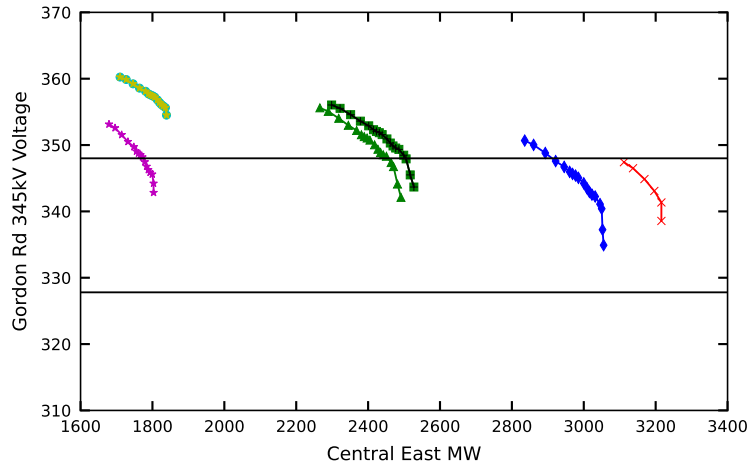
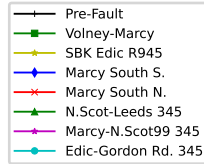
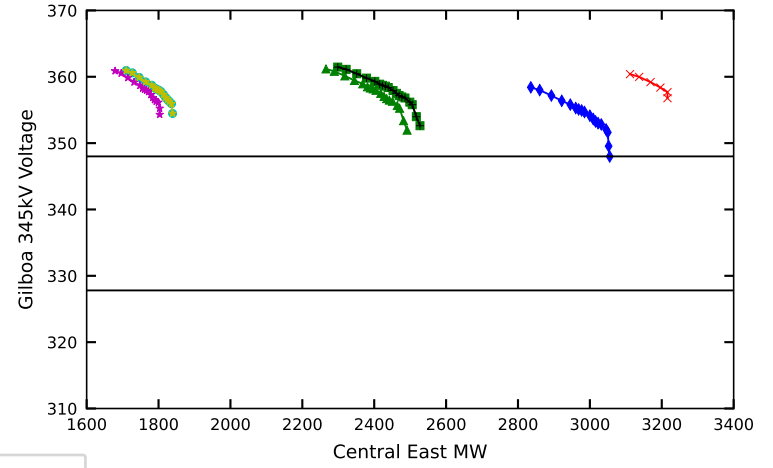
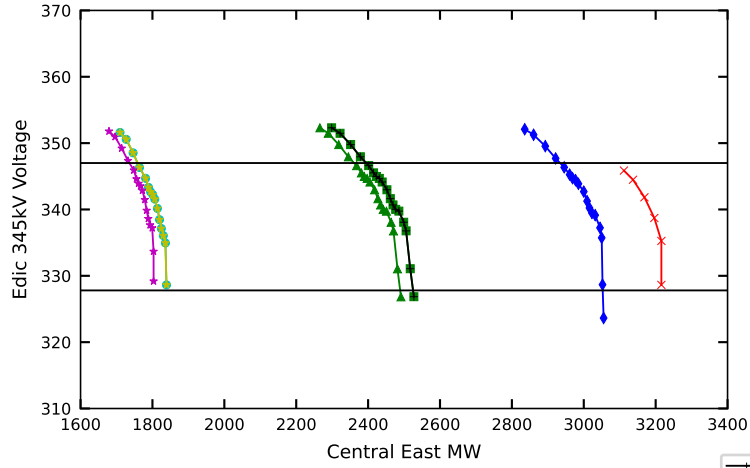
1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_05 Figure 1



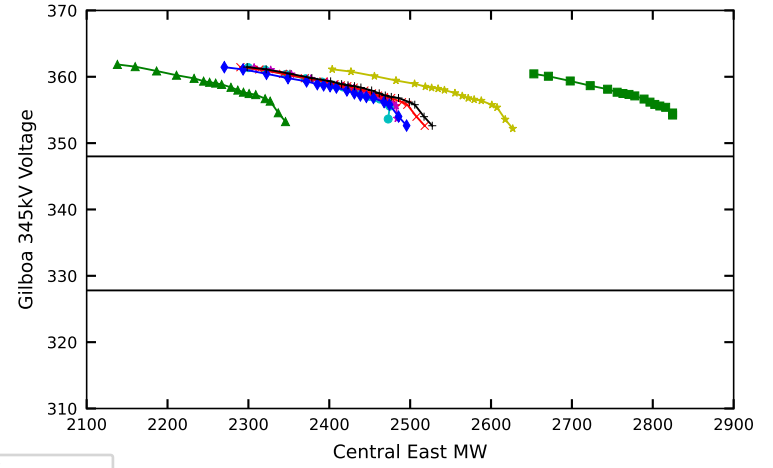
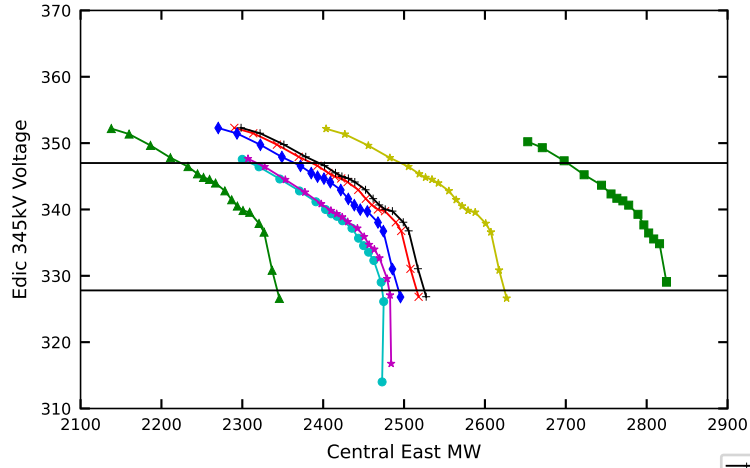
1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_05 Figure 2



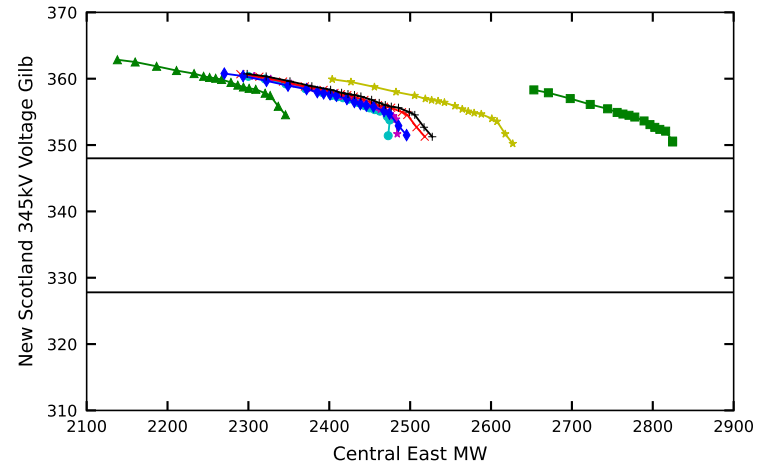
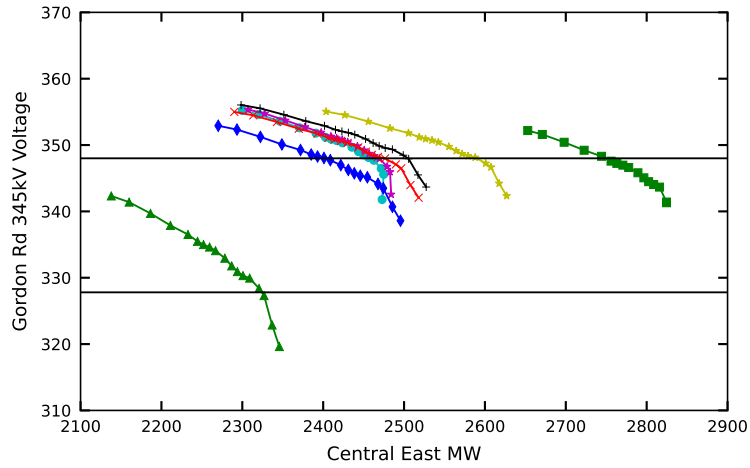
1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS Figure 1



1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_05 Figure 2



- Pre-Fault
- Ph2 DC 1500
- Ravenswood 3
- 361-362 Dlb Ckt Twr 345
- Princetown-N.Scot 345
- SBK Princetown 345
- SBK Edic R70
- SBK Marcy R3108



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2298	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2321	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2351	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2378	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2401	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2415	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2423	t7	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2431	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2439	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2452	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2461	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2469	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2476	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2485	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2499	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2505	t1	0	1	0	0	2	0	1	0	0	0	0	0	0	0	0
	6															
2517	t1	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	7															
2527	t1	0	2	2	0	2	0	2	0	2	2	0	0	0	0	2
	8															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17	t18
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2259 <E	Dunwoodie 345kV Voltage	Pre-Fault	107.7	NA	348	2259
2270 <E	Sprain Brook 345kV Voltage	Pre-Fault	107.9	NA	348	2270
2294	limit with 5% margin	Marcy South N.	NA	NA	NA	3055
2351	Pannell Road 345kV Voltage	Pre-Fault	27.7	NA	346	2351
2354	Clay 345kV Voltage	Pre-Fault	17.7	NA	345	2354
2356	Station 80 345kV Voltage	Pre-Fault	29.4	NA	346	2356
2374	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1747
2374	limit with 5% margin	SBK Edic R945	NA	NA	NA	1747
2380	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1713
2380	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2351
2380	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2683
2383	Marcy 345kV Voltage	Pre-Fault	17.5	NA	348	2383
2391	limit with 5% margin	SBK Edic R70	NA	NA	NA	2359
2394	Edic 345kV Voltage	Pre-Fault	17.4	NA	347	2394
2400	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2366
2400	limit with 5% margin	Marcy South S.	NA	NA	NA	2902
2400	limit with 5% margin	Volney-Marcy	NA	NA	NA	2400
2400	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2228
2400	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2392
2400	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2370
2400	limit with 5% margin	Ravenswood 3	NA	NA	NA	2495
2406	Clay 345kV Voltage	Marcy South N.	1.8	327.8	342.1	3215
2416 >E	Edic 345kV Voltage	Marcy South N.	2.0	327.8	345.4	3215
2418 >E	Marcy 345kV Voltage	Marcy South N.	2.1	327.8	345.6	3215
2428 >E	Pannell Road 345kV Voltage	Marcy South N.	3.1	327.8	343.0	3215
2439 >E	Station 80 345kV Voltage	Marcy South N.	3.7	327.8	342.9	3215
2451 >E	Oakdale 345kV Voltage	Marcy South N.	3.1	320	347.1	3215
2467 >E	Gordon Rd 345kV Voltage	Marcy South N.	4.9	327.8	350.0	3215
2491	Clay 345kV Voltage	SBK Edic R945	1.9	327.8	335.2	1837
2491	Clay 345kV Voltage	Edic-Gordon Rd. 345	1.9	327.8	335.2	1837
2493	Clay 345kV Voltage	Ph2 DC 1500	2.2	327.8	335.0	2820
2495	Clay 345kV Voltage	SBK Marcy R3108	3.7	327.8	334.7	2469
2497	Clay 345kV Voltage	SBK Edic R70	3.9	327.8	334.4	2478
2500	Clay 345kV Voltage	Marcy-N.Scot99 345	1.3	327.8	334.0	1803
2500 >E	Edic 345kV Voltage	SBK Edic R945	2.1	327.8	337.9	1839
2500 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.1	327.8	337.9	1839
2501 >E	Marcy 345kV Voltage	SBK Edic R945	2.1	327.8	338.2	1839
2501 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.1	327.8	338.2	1839
2501	Edic 345kV Voltage	SBK Marcy R3108	2.3	327.8	337.5	2472
2502	Gordon Rd 345kV Voltage	SBK Princetown 345	6.2	327.8	348.2	2324

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2503	Edic 345kV Voltage	SBK Edic R70	2.7	327.8	337.2	2481
2504	Gordon Rd 345kV Voltage	Pre-Fault	12.0	NA	348	2504
2507 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	1.5	327.8	336.4	1803
2509 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	1.5	327.8	336.4	1803
2511	Clay 345kV Voltage	Marcy South S.	1.4	327.8	329.5	3051
2513	Clay 345kV Voltage	Ravenswood 3	1.7	327.8	328.6	2614
2513	Clay 345kV Voltage	SBK Princetown 345	1.7	327.8	328.5	2333
2514	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	1.8	327.8	327.9	2483
2514	Clay 345kV Voltage	N.Scot-Leeds 345	1.8	327.8	327.9	2479
2514	Clay 345kV Voltage	Princetown-N.Scot 345	1.8	327.8	327.8	2505
2515	Pannell Road 345kV Voltage	SBK Edic R70	1.7	327.8	334.8	2483
2515	Clay 345kV Voltage	Volney-Marcy	1.8	327.8	327.8	2515
2515 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	2.1	327.8	336.3	1803
2517 >E	Pannell Road 345kV Voltage	SBK Edic R945	3.8	327.8	338.2	1843
2517 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	338.2	1843
2518	Edic 345kV Voltage	Marcy South S.	2.0	327.8	330.3	3052
2520 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.0	327.8	335.5	2481
2520	Marcy 345kV Voltage	Marcy South S.	2.0	327.8	330.2	3053
2520	Oakdale 345kV Voltage	Pre-Fault	2.4	NA	335	2520
2522 >E	Station 80 345kV Voltage	SBK Edic R70	2.1	327.8	335.1	2484
2522	Millwood 345kV Voltage	Pre-Fault	17.6	NA	348	2522
2523 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	2.5	327.8	336.8	1803
2524	Edic 345kV Voltage	SBK Princetown 345	2.4	327.8	328.1	2343
2524	Edic 345kV Voltage	Ravenswood 3	2.4	327.8	328.0	2624
2524 >E	Marcy 345kV Voltage	SBK Edic R70	2.0	327.8	327.8	2484
2524	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	327.9	2493
2525	Edic 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	327.8	2489
2525	Edic 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	327.8	2515
2525	Edic 345kV Voltage	Volney-Marcy	2.4	327.8	327.8	2525
2526	Marcy 345kV Voltage	Volney-Marcy	2.4	327.8	327.8	2526
2526	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	327.8	2494
2526	Marcy 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	327.8	2490
2526	Marcy 345kV Voltage	SBK Princetown 345	2.4	327.8	327.8	2344
2526	Marcy 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	327.8	2516
2526	Marcy 345kV Voltage	Ravenswood 3	2.4	327.8	327.8	2625
2530 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	1.8	320	336.8	1803
2531 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.6	327.8	335.6	2486
2533 >E	Oakdale 345kV Voltage	SBK Edic R70	1.5	320	328.9	2485

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2534 >E	St.Lawrence 230kV Voltage	Marcy South N.	10.4	218.5	229.8	3215
2534 >E	Station 80 345kV Voltage	SBK Edic R945	4.8	327.8	339.4	1847
2534 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	4.8	327.8	339.4	1847
2539 >E	Oakdale 345kV Voltage	SBK Edic R945	2.9	320	339.3	1848
2539 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.9	320	339.3	1848
2545 >E	Somerset 345kV Voltage	Marcy South N.	6.9	327.8	349.1	3215
2547 >E	Fraser 345kV Voltage	Pre-Fault	3.4	NA	338	2547
2548 >E	Buchanan North 345kV Voltage	Pre-Fault	18.9	NA	346	2548
2550 >E	New Scotland 345kV Voltage Alps	Pre-Fault	7.1	NA	348	2550
2550 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	7.1	NA	348	2550
2552 >E	Oakdale 345kV Voltage	Marcy South S.	2.2	320	321.6	3062
2553 >E	Oakdale 345kV Voltage	Ravenswood 3	2.3	320	321.3	2650
2553 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.4	320	321.3	2368
2553 >E	Marcy 345kV Voltage	SBK Marcy R3108	5.1	327.8	327.8	2497
2554 >E	St.Lawrence 230kV Voltage	Pre-Fault	10.7	NA	225	2554
2555 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	320	320.2	2523
2555 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.4	320	320.2	2518
2556 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.4	320	320.1	2546
2556 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	10.1	327.8	329.6	2824
2556 >E	Oakdale 345kV Voltage	Volney-Marcy	2.4	320	320.0	2556
2557 >E	Pannell Road 345kV Voltage	Marcy South S.	8.7	327.8	331.5	3064
2558 >E	Gordon Rd 345kV Voltage	Marcy South S.	4.3	327.8	338.1	3064
2558 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	2.6	327.8	344.1	1803
2561 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.2	320	331.1	2500
2561 >E	Gilboa 345kV Voltage	Pre-Fault	7.4	NA	348	2561
2566 >E	Niagara 230kV East Voltage	SBK Edic R70	4.6	218.5	221.5	2489
2566 >E	Niagara 230kV West Voltage	SBK Edic R70	4.6	218.5	221.5	2489
2567 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.4	327.8	335.0	2489
2567 >E	New Scotland 345kV Voltage Alps	Marcy South N.	7.2	327.8	352.7	3215
2567 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	7.2	327.8	352.7	3215
2568 >E	Coopers Corners 345kV Voltage	Pre-Fault	5.0	NA	338	2568
2570 >E	Watercure 230kV Voltage	Marcy South N.	8.2	207	231.0	3215
2570 >E	Fraser 345kV Voltage	SBK Edic R945	3.5	327.8	344.8	1855
2570 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.5	327.8	344.8	1855
2571 >E	Fraser 345kV Voltage	SBK Edic R70	2.9	327.8	327.8	2490
2573 >E	Rock Tavern 345kV Voltage	Pre-Fault	12.1	NA	348	2573
2574 >E	St.Lawrence 230kV Voltage	SBK Edic R70	6.3	218.5	220.8	2490
2575 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	344.6	1803
2577 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	4.8	327.8	342.0	1803
2577 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	6.8	218.5	225.4	1803

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2579 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	327.8	334.3	2546
2581 >E	Station 80 345kV Voltage	Ph2 DC 1500	11.0	327.8	328.5	2824
2582 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	327.8	2544
2582 >E	Fraser 345kV Voltage	Volney-Marcy	3.4	327.8	327.8	2582
2582 >E	Fraser 345kV Voltage	SBK Princetown 345	3.4	327.8	327.8	2394
2582 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	3.4	327.8	327.8	2572
2582 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.4	327.8	327.8	2549
2582 >E	Fraser 345kV Voltage	Ravenswood 3	3.4	327.8	327.8	2676
2582 >E	Fraser 345kV Voltage	Marcy South S.	3.4	327.8	327.8	3071
2584 >E	Pleasant Valley 345kV Voltage	Pre-Fault	16.5	NA	348	2584
2590 >E	Buchanan South 345kV Voltage	Pre-Fault	18.3	NA	346	2590
2592 >E	Coopers Corners 345kV Voltage	SBK Edic R945	5.4	327.8	345.2	1859
2592 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	345.2	1859
2597 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	4.7	327.8	343.2	1803
2598 >E	Pannell Road 345kV Voltage	Ravenswood 3	14.4	327.8	328.8	2691
2599 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	5.1	327.8	330.7	2561
2600 >E	Pannell Road 345kV Voltage	SBK Princetown 345	14.3	327.8	328.7	2410
2603 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	5.3	327.8	330.0	2593
2604 >E	St.Lawrence 230kV Voltage	SBK Edic R945	10.1	218.5	227.2	1862
2604 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	10.1	218.5	227.2	1862
2605 >E	Coopers Corners 345kV Voltage	Ravenswood 3	4.9	327.8	330.7	2698
2606 >E	Gordon Rd 345kV Voltage	Ravenswood 3	5.4	327.8	329.5	2698
2606 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.3	327.8	327.2	2494
2610 >E	St.Lawrence 230kV Voltage	Marcy South S.	9.3	218.5	219.7	3080
2611 >E	Somerset 345kV Voltage	SBK Edic R70	5.3	327.8	342.8	2495
2612 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	15.2	327.8	328.0	2578
2612 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	15.2	327.8	327.9	2573
2613 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	15.3	327.8	327.9	2604
2614 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	5.0	327.8	329.0	2422
2614 >E	Pannell Road 345kV Voltage	Volney-Marcy	15.4	327.8	327.8	2614
2615 >E	Gordon Rd 345kV Voltage	Volney-Marcy	5.6	327.8	327.8	2615
2617 >E	Ramapo 500kV Voltage	Ravenswood 3	21.3	500	505.2	2709
2617 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	328.3	2578
2618 >E	St.Lawrence 230kV Voltage	Ravenswood 3	10.6	218.5	219.0	2709
2619 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	327.8	328.0	2585
2619 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	5.0	327.8	327.9	2610
2620 >E	Coopers Corners 345kV Voltage	Volney-Marcy	5.0	327.8	327.8	2620

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2623 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.7	327.8	337.7	3083
2623 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.7	327.8	337.7	3083
2623 >E	Oakdale 345kV Voltage	Ph2 DC 1500	7.3	320	319.4	2825
2623 >E	St.Lawrence 230kV Voltage	Volney-Marcy	10.7	218.5	218.5	2623
2624 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	10.7	218.5	218.5	2614
2624 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	10.8	218.5	218.5	2590
2624 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	10.8	218.5	218.5	2584
2625 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	10.8	218.5	218.3	2432
2637 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	7.4	327.8	337.0	2536
2638 >E	Ramapo 345kV Voltage	Pre-Fault	19.9	NA	346	2638
2640 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	5.2	327.8	332.6	2498
2640 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	5.2	327.8	332.6	2498
2641 >E	Somerset 345kV Voltage	SBK Marcy R3108	6.8	327.8	340.0	2538
2651 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	13.3	218.5	220.8	2543
2658 >E	Gilboa 345kV Voltage	Marcy South S.	6.5	327.8	335.0	3094
2659 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	6.2	327.8	332.7	2618
2659 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	6.2	327.8	332.7	2618
2667 >E	Ladentown 345kV Voltage	Pre-Fault	20.2	NA	346	2667
2673 >E	Gilboa 345kV Voltage	SBK Edic R70	6.0	327.8	329.3	2502
2678 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	7.7	207	234.1	1804
2682 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	6.9	327.8	329.3	2768
2682 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	6.9	327.8	329.3	2768
2688 >E	Roseton 345kV Voltage	Pre-Fault	17.9	NA	345	2688
2689 >E	Fraser 345kV Voltage	SBK Marcy R3108	8.0	327.8	327.8	2560
2689 >E	Fraser 345kV Voltage	Ph2 DC 1500	8.0	327.8	327.8	2825
2691 >E	Leeds 345kV Voltage	Pre-Fault	13.4	NA	345	2691
2693 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	7.1	327.8	327.8	2693
2693 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	7.1	327.8	327.8	2693
2694 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	7.1	327.8	344.9	1804
2694 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	7.1	327.8	327.7	2684
2694 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	7.1	327.8	327.7	2684
2695 >E	Sprain Brook 345kV Voltage	Ravenswood 3	15.0	327.8	335.7	2780
2696 >E	Dunwoodie 345kV Voltage	Ravenswood 3	15.3	327.8	335.7	2781
2698 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	7.2	327.8	327.1	2663
2698 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	7.2	327.8	327.1	2663
2699 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	7.1	327.8	329.5	2656
2707 >E	Gilboa 345kV Voltage	Ravenswood 3	7.4	327.8	328.4	2791
2708 >E	Watercure 230kV Voltage	SBK Edic R945	9.5	207	231.0	1885

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2708 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	9.5	207	231.0	1885
2711 >E	Gilboa 345kV Voltage	Volney-Marcy	7.4	327.8	327.8	2711
2712 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	7.4	327.8	327.8	2701
2712 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	7.5	327.8	327.7	2677
2717 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	26.3	500	506.4	1804
2719 >E	Bowline 1 345kV Voltage	Pre-Fault	20.2	NA	345	2719
2721 >E	Gilboa 345kV Voltage	SBK Princetown 345	7.6	327.8	326.5	2516
2723 >E	Ramapo 500kV Voltage	SBK Edic R70	23.0	500	500.7	2508
2724 >E	Station 80 345kV Voltage	Marcy South S.	28.5	327.8	337.9	3114
2730 >E	Somerset 345kV Voltage	SBK Edic R945	11.7	327.8	353.2	1890
2730 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	11.7	327.8	353.2	1890
2733 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	17.8	218.5	228.3	1804
2733 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	17.8	218.5	228.3	1804
2737 >E	Ramapo 500kV Voltage	Ph2 DC 1500	45.0	500	506.1	2825
2739 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	24.8	500	500.5	2694
2740 >E	Millwood 345kV Voltage	Ravenswood 3	14.8	327.8	335.6	2821
2741 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	8.0	327.8	321.1	2534
2741 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	8.0	327.8	321.1	2534
2743 >E	Gilboa 345kV Voltage	SBK Edic R945	9.2	327.8	344.9	1893
2743 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	9.2	327.8	344.9	1893
2746 >E	Bowline 2 345kV Voltage	Pre-Fault	21.9	NA	345	2746
2749 >E	Ramapo 500kV Voltage	SBK Princetown 345	26.1	500	500.1	2541
2749 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	9.1	327.8	339.5	1804
2749 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	9.1	327.8	339.5	1804
2751 >E	Buchanan North 345kV Voltage	Ravenswood 3	15.7	327.8	335.3	2831
2751 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	25.9	500	500.1	2715
2752 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	25.9	500	500.0	2741
2753 >E	Ramapo 500kV Voltage	Pre-Fault	25.9	NA	500	2753
2753 >E	Ramapo 500kV Voltage	Volney-Marcy	25.9	500	500.0	2753
2754 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	9.0	327.8	348.0	1804
2761 >E	Rock Tavern 345kV Voltage	Ravenswood 3	11.1	327.8	332.5	2840
2766 >E	Watercure 230kV Voltage	SBK Edic R70	10.8	207	229.7	2513
2771 >E	Gardenville 230kV Voltage	SBK Edic R70	10.3	207	219.0	2514
2773 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	11.4	327.8	327.0	2599
2775 >E	Buchanan South 345kV Voltage	Ravenswood 3	15.1	327.8	335.9	2853
2775 >E	Rock Tavern 345kV Voltage	SBK Edic R70	10.3	327.8	327.2	2514
2776 >E	Niagara 345kV Voltage	Marcy South N.	13.4	327.8	353.8	3215
2786 >E	Niagara 230kV East Voltage	Marcy South N.	26.9	218.5	232.1	3215
2786 >E	Niagara 230kV West Voltage	Marcy South N.	26.9	218.5	232.1	3215

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2803 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	11.2	327.8	339.7	1906
2803 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	11.2	327.8	339.7	1906
2803 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	11.2	327.8	339.7	1906
2803 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	11.2	327.8	339.7	1906
2808 >E	Dunwoodie 345kV Voltage	SBK Edic R70	16.4	327.8	327.3	2518
2809 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	11.8	327.8	328.5	2762
2814 >E	Ramapo 500kV Voltage	SBK Edic R945	38.6	500	506.7	1909
2814 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	38.6	500	506.7	1909
2815 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	12.1	327.8	328.0	2599
2816 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	12.1	327.8	327.9	2779
2817 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	12.1	327.8	327.8	2806
2817 >E	Rock Tavern 345kV Voltage	Volney-Marcy	12.1	327.8	327.8	2817
2818 >E	Sprain Brook 345kV Voltage	SBK Edic R70	16.9	327.8	327.3	2519
2818 >E	Gordon Rd 345kV Voltage	SBK Edic R945	12.0	327.8	327.7	1910
2818 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	12.0	327.8	327.7	1910
2820 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	12.9	327.8	342.8	1805
2823 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	17.3	327.8	328.5	2776
2828 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	17.6	327.8	328.5	2780
2828 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	12.4	327.8	334.6	2625
2828 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	12.4	327.8	334.6	2625
2835 >E	Sprain Brook 345kV Voltage	Volney-Marcy	17.9	327.8	327.8	2835
2835 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	17.9	327.8	327.8	2824
2836 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	17.9	327.8	327.7	2798
2839 >E	Leeds 345kV Voltage	Marcy South S.	11.6	327.8	333.9	3148
2840 >E	Dunwoodie 345kV Voltage	Volney-Marcy	18.2	327.8	327.8	2840
2840 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	18.2	327.8	327.8	2829
2841 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	18.3	327.8	327.7	2803
2845 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	15.3	327.8	332.1	2917
2846 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	18.2	327.8	327.2	2627
2849 >E	Gilboa 345kV Voltage	Marcy South N.	15.0	327.8	345.3	3215
2851 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	18.6	327.8	327.2	2631
2853 >E	Ramapo 345kV Voltage	Ravenswood 3	16.5	327.8	335.2	2924
2856 >E	Ladentown 345kV Voltage	Ravenswood 3	15.9	327.8	336.6	2926
2857 >E	Niagara 230kV East Voltage	SBK Marcy R3108	27.1	218.5	226.3	2639
2857 >E	Niagara 230kV West Voltage	SBK Marcy R3108	27.1	218.5	226.3	2639
2862 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	16.9	327.8	328.7	2812
2864 >E	Millwood 345kV Voltage	SBK Edic R70	16.9	327.8	327.3	2525
2870 >E	Leeds 345kV Voltage	SBK Edic R70	11.7	327.8	327.8	2525

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2870 >E	Buchanan North 345kV Voltage	SBK Edic R70	17.7	327.8	327.5	2525
2876 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	18.2	327.8	328.7	2826
2876 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	14.8	327.8	327.9	2526
2878 >E	Millwood 345kV Voltage	Volney-Marcy	17.6	327.8	327.8	2878
2878 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	17.6	327.8	327.8	2866
2879 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	17.6	327.8	327.7	2840
2880 >E	Niagara 345kV Voltage	SBK Marcy R3108	13.4	327.8	343.5	2650
2881 >E	Bowline 1 345kV Voltage	Ravenswood 3	15.9	327.8	337.0	2949
2888 >E	Bowline 2 345kV Voltage	Ravenswood 3	15.9	327.8	338.5	2956
2889 >E	Fraser 345kV Voltage	Marcy South N.	16.2	327.8	327.8	3215
2891 >E	Millwood 345kV Voltage	SBK Princetown 345	18.0	327.8	327.0	2666
2893 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	18.9	327.8	327.8	2881
2893 >E	Buchanan North 345kV Voltage	Volney-Marcy	18.9	327.8	327.8	2893
2893 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	18.9	327.8	327.8	2854
2894 >E	Pleasant Valley 345kV Voltage	Marcy South S.	17.3	327.8	329.2	3164
2896 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	15.8	327.8	329.1	2845
2900 >E	Buchanan North 345kV Voltage	SBK Princetown 345	19.2	327.8	327.4	2674
2903 >E	Rock Tavern 345kV Voltage	SBK Edic R945	16.6	327.8	343.1	1929
2903 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	16.6	327.8	343.1	1929
2904 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	17.5	327.8	328.9	2853
2904 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	15.8	207	226.8	1806
2910 >E	Somerset 345kV Voltage	Ph2 DC 1500	21.5	327.8	320.5	2826
2913 >E	Buchanan South 345kV Voltage	SBK Edic R70	17.8	327.8	327.3	2530
2917 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	16.5	327.8	327.8	2917
2918 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	16.5	327.8	327.8	2906
2918 >E	Roseton 345kV Voltage	Ravenswood 3	16.5	327.8	332.2	2983
2920 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	16.6	327.8	327.6	2880
2921 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	13.4	327.8	327.8	2910
2921 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	13.4	327.8	327.8	2869
2921 >E	Leeds 345kV Voltage	SBK Princetown 345	13.4	327.8	327.8	2692
2921 >E	Leeds 345kV Voltage	Volney-Marcy	13.4	327.8	327.8	2921
2921 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	13.4	327.8	327.8	2881
2921 >E	Leeds 345kV Voltage	Ravenswood 3	13.4	327.8	327.8	2986
2924 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	18.3	327.8	327.8	2912
2924 >E	Buchanan South 345kV Voltage	Volney-Marcy	18.3	327.8	327.8	2924
2925 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	18.4	327.8	327.7	2885

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2925 >E	Sprain Brook 345kV Voltage	Marcy South S.	22.4	327.8	322.8	3174
2930 >E	Dunwoodie 345kV Voltage	Marcy South S.	22.9	327.8	322.8	3175
2937 >E	Roseton 345kV Voltage	SBK Edic R70	15.7	327.8	327.4	2533
2937 >E	Buchanan South 345kV Voltage	SBK Princetown 345	18.8	327.8	327.1	2707
2940 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	17.0	327.8	326.4	2709
2950 >E	Gilboa 345kV Voltage	SBK Marcy R3108	16.0	327.8	330.2	2682
2951 >E	Ramapo 500kV Voltage	Marcy South S.	48.5	500	492.4	3181
2956 >E	Leeds 345kV Voltage	Marcy South N.	17.3	327.8	350.8	3215
2967 >E	Gardenville 230kV Voltage	Marcy South N.	22.5	207	231.8	3215
2969 >E	Ramapo 345kV Voltage	SBK Edic R70	18.6	327.8	327.4	2537
2976 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	19.0	327.8	329.0	2922
2981 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	17.4	327.8	328.6	2927
2992 >E	Millwood 345kV Voltage	Marcy South S.	22.9	327.8	321.3	3194
2996 >E	Roseton 345kV Voltage	Volney-Marcy	17.9	327.8	327.8	2996
2996 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	17.9	327.8	327.8	2984
2997 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	17.9	327.8	327.7	2956
2997 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	22.6	327.8	306.9	2827
2999 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	19.8	327.8	327.8	2987
2999 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	19.9	327.8	327.8	2958
3000 >E	Ramapo 345kV Voltage	Volney-Marcy	19.9	327.8	327.8	3000
3003 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	19.1	327.8	329.4	2948
3006 >E	Roseton 345kV Voltage	SBK Princetown 345	18.1	327.8	327.3	2767
3006 >E	Ramapo 345kV Voltage	SBK Princetown 345	20.1	327.8	327.5	2768
3033 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	19.1	327.8	329.4	2977
3033 >E	Ladentown 345kV Voltage	SBK Edic R70	20.1	327.8	327.3	2545
3034 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	20.2	327.8	327.8	3021
3034 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	20.2	327.8	327.8	2992
3034 >E	Ladentown 345kV Voltage	Volney-Marcy	20.2	327.8	327.8	3034
3047 >E	Ladentown 345kV Voltage	SBK Princetown 345	20.7	327.8	327.2	2804
3049 >E	Ramapo 500kV Voltage	SBK Marcy R3108	57.2	500	501.4	2728
3065 >E	Watercure 230kV Voltage	SBK Marcy R3108	23.5	207	237.7	2736
3066 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	20.2	327.8	327.8	3053
3066 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	20.2	327.8	327.8	3024
3067 >E	Bowline 1 345kV Voltage	Volney-Marcy	20.2	327.8	327.8	3067
3073 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	20.2	327.8	330.0	3015
3074 >E	Gilboa 345kV Voltage	Ph2 DC 1500	21.5	327.8	323.0	2827
3080 >E	Bowline 1 345kV Voltage	SBK Princetown 345	20.7	327.8	327.1	2833

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3101 >E	Niagara 230kV East Voltage	SBK Edic R945	46.8	218.5	234.9	1973
3101 >E	Niagara 230kV West Voltage	SBK Edic R945	46.8	218.5	234.9	1973
3101 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	46.8	218.5	234.9	1973
3101 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	46.8	218.5	234.9	1973
3114 >E	Bowline 1 345kV Voltage	SBK Edic R70	21.9	327.8	327.1	2554
3121 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	21.9	327.8	327.8	3108
3122 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	21.9	327.8	327.8	3078
3122 >E	Bowline 2 345kV Voltage	Volney-Marcy	21.9	327.8	327.8	3122
3122 >E	Buchanan South 345kV Voltage	Marcy South S.	26.2	327.8	317.0	3233
3131 >E	Bowline 2 345kV Voltage	SBK Edic R70	22.2	327.8	327.3	2556
3133 >E	Niagara 345kV Voltage	SBK Edic R945	22.8	327.8	361.5	1980
3133 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	22.8	327.8	361.5	1980
3144 >E	Bowline 2 345kV Voltage	SBK Princetown 345	22.7	327.8	326.8	2889
3162 >E	Gardenville 230kV Voltage	SBK Marcy R3108	25.4	207	222.5	2781
3176 >E	Ramapo 500kV Voltage	Marcy South N.	78.3	500	507.0	3215
3178 >E	Pleasant Valley 345kV Voltage	Marcy South N.	30.8	327.8	343.5	3215
3181 >E	Buchanan North 345kV Voltage	Marcy South S.	30.1	327.8	312.6	3250
3186 >E	Roseton 345kV Voltage	Marcy South S.	24.5	327.8	317.2	3252
3187 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	34.0	327.8	339.4	1808
3203 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	28.8	327.8	342.8	1808
3254 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	28.7	327.8	327.5	2825
3255 >E	Buchanan North 345kV Voltage	SBK Edic R945	37.8	327.8	338.0	2007
3255 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	37.8	327.8	338.0	2007
3278 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	28.2	327.8	340.0	1808
3289 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	32.7	327.8	341.3	2015
3290 >E	Ramapo 345kV Voltage	SBK Edic R945	32.7	327.8	341.3	2015
3345 >E	Rainey 345kV Voltage	Ravenswood 3	39.3	327.8	341.1	3373
3356 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	63.0	327.8	277.2	2829
3377 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	33.9	327.8	343.3	1809
3390 >E	Roseton 345kV Voltage	SBK Edic R945	32.5	327.8	338.9	2037
3390 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	32.5	327.8	338.9	2037
3394 >E	Farragut 345kV Voltage	Ravenswood 3	41.5	327.8	340.3	3418
3414 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	39.8	327.8	339.5	1809
3429 >E	Rock Tavern 345kV Voltage	Marcy South S.	29.1	327.8	277.2	3324
3437 >E	Millwood 345kV Voltage	SBK Edic R945	43.8	327.8	335.5	2048
3437 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	43.8	327.8	335.5	2048
3442 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	36.3	327.8	335.3	1809
3446 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	41.5	327.8	337.4	2050
3446 >E	Buchanan South 345kV Voltage	SBK Edic R945	41.5	327.8	337.4	2050
3449 >E	Niagara 345kV Voltage	SBK Edic R70	33.7	327.8	397.3	2594

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3452 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	44.1	327.8	337.5	1809
3454 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	37.0	327.8	333.7	2051
3454 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	37.0	327.8	333.7	2051
3460 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	51.3	327.8	334.1	2053
3460 >E	Sprain Brook 345kV Voltage	SBK Edic R945	51.3	327.8	334.1	2053
3464 >E	Dunwoodie 345kV Voltage	SBK Edic R945	51.7	327.8	334.0	2054
3464 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	51.7	327.8	334.0	2054
3470 >E	Ladentown 345kV Voltage	SBK Edic R945	37.9	327.8	341.3	2055
3470 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	37.9	327.8	341.3	2055
3483 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	35.8	327.8	344.8	1810
3497 >E	Coopers Corners 345kV Voltage	Marcy South S.	23.9	327.8	153.9	3345
3498 >E	Coopers Corners 345kV Voltage	Marcy South N.	31.1	327.8	305.9	3216
3522 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	54.0	327.8	336.1	1810
3531 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	32.9	327.8	327.8	1810
3531 >E	Leeds 345kV Voltage	Ph2 DC 1500	32.9	327.8	327.8	2830
3531 >E	Leeds 345kV Voltage	SBK Marcy R3108	32.9	327.8	327.8	2954
3535 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	54.9	327.8	336.0	1810
3536 >E	Rainey 345kV Voltage	Pre-Fault	61.1	NA	338	3536
3538 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	37.3	327.8	344.5	1810
3542 >E	Farragut 345kV Voltage	Pre-Fault	63.6	NA	338	3542
3566 >E	Ladentown 345kV Voltage	Marcy South S.	37.8	327.8	301.5	3365
3581 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	47.5	327.8	288.1	2830
3581 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	47.5	327.8	288.1	2830
3592 >E	Ramapo 345kV Voltage	Marcy South S.	39.5	327.8	298.0	3373
3594 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	40.2	327.8	342.5	2083
3594 >E	Bowline 1 345kV Voltage	SBK Edic R945	40.2	327.8	342.5	2083
3632 >E	Niagara 230kV East Voltage	Ph2 DC 1500	90.5	218.5	213.6	2831
3632 >E	Niagara 230kV West Voltage	Ph2 DC 1500	90.5	218.5	213.6	2831
3642 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	41.3	327.8	342.3	2093
3642 >E	Bowline 2 345kV Voltage	SBK Edic R945	41.3	327.8	342.3	2093
3657 >E	Niagara 345kV Voltage	Ph2 DC 1500	42.8	327.8	316.0	2831
3667 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	37.3	327.8	327.8	2099
3667 >E	Leeds 345kV Voltage	SBK Edic R945	37.3	327.8	327.8	2099
3693 >E	Millwood 345kV Voltage	Marcy South N.	57.9	327.8	337.7	3216
3707 >E	Roseton 345kV Voltage	Marcy South N.	45.0	327.8	340.4	3216
3743 >E	Bowline 1 345kV Voltage	Marcy South S.	42.0	327.8	294.3	3418
3748 >E	Dunwoodie 345kV Voltage	Marcy South N.	69.1	327.8	335.7	3216
3752 >E	Bowline 2 345kV Voltage	Marcy South S.	41.7	327.8	299.0	3421
3755 >E	Sprain Brook 345kV Voltage	Marcy South N.	69.1	327.8	335.8	3216
3779 >E	Goethals 345kV Voltage	Ravenswood 3	56.9	327.8	339.0	3769
3797 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	51.6	327.8	328.6	3078

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3868 >E	Goethals 345kV Voltage	Pre-Fault	85.9	NA	338	3868
3878 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	53.3	327.8	305.6	2832
3899 >E	Roseton 345kV Voltage	SBK Marcy R3108	50.6	327.8	327.7	3126
3922 >E	Buchanan South 345kV Voltage	Marcy South N.	62.8	327.8	337.9	3216
3975 >E	Buchanan North 345kV Voltage	Marcy South N.	70.3	327.8	335.8	3216
4035 >E	Rock Tavern 345kV Voltage	Marcy South N.	53.3	327.8	327.1	3216
4042 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	74.7	327.8	328.1	3193
4100 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	59.0	327.8	328.8	4001
4130 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	61.3	327.8	328.8	4030
4155 >E	Rainey 345kV Voltage	SBK Edic R70	60.9	327.8	327.0	2677
4160 >E	Rainey 345kV Voltage	Volney-Marcy	61.1	327.8	327.8	4160
4160 >E	Rainey 345kV Voltage	Princeton-N.Scot 345	61.2	327.8	327.8	4142
4164 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	61.3	327.8	327.7	4099
4191 >E	Farragut 345kV Voltage	Volney-Marcy	63.6	327.8	327.8	4191
4191 >E	Farragut 345kV Voltage	Princeton-N.Scot 345	63.6	327.8	327.8	4173
4195 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	63.7	327.8	327.7	4129
4201 >E	Farragut 345kV Voltage	SBK Edic R70	63.9	327.8	327.0	2683
4202 >E	Rainey 345kV Voltage	SBK Princeton 345	62.5	327.8	327.1	3820
4218 >E	Ramapo 345kV Voltage	SBK Marcy R3108	68.5	327.8	328.3	3275
4233 >E	Farragut 345kV Voltage	SBK Princeton 345	65.0	327.8	327.1	3848
4288 >E	Millwood 345kV Voltage	SBK Marcy R3108	83.9	327.8	327.4	3308
4371 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	81.4	327.8	327.7	3347
4377 >E	Gardenville 230kV Voltage	SBK Edic R945	74.3	207	266.2	2257
4377 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	74.3	207	266.2	2257
4431 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	103.7	327.8	327.0	3375
4442 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	104.9	327.8	327.0	3380
4447 >E	Ramapo 345kV Voltage	Marcy South N.	75.4	327.8	335.8	3216
4577 >E	Ladentown 345kV Voltage	Marcy South N.	77.8	327.8	337.6	3216
4594 >E	Ladentown 345kV Voltage	SBK Marcy R3108	79.6	327.8	328.2	3451
4638 >E	Rainey 345kV Voltage	Marcy South S.	78.6	327.8	320.0	3686
4661 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	82.7	327.8	328.8	4540
4680 >E	Farragut 345kV Voltage	Marcy South S.	81.7	327.8	320.1	3699
4743 >E	Goethals 345kV Voltage	Volney-Marcy	85.9	327.8	327.8	4743
4744 >E	Goethals 345kV Voltage	Princeton-N.Scot 345	85.9	327.8	327.8	4722
4749 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	86.0	327.8	327.7	4672
4769 >E	Goethals 345kV Voltage	SBK Edic R70	86.8	327.8	326.9	2750
4799 >E	Goethals 345kV Voltage	SBK Princeton 345	87.8	327.8	327.1	4346
4917 >E	Bowline 1 345kV Voltage	Marcy South N.	85.7	327.8	338.3	3216

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4943 >E	Bowline 2 345kV Voltage	Marcy South N.	85.3	327.8	338.5	3216
4971 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	88.7	327.8	328.3	3627
4990 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	88.1	327.8	328.3	3636
4990 >E	Roseton 345kV Voltage	Ph2 DC 1500	89.9	327.8	306.1	2838
5096 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	102.2	327.8	304.2	2839
5097 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	130.0	327.8	314.2	2839
5387 >E	Ramapo 345kV Voltage	Ph2 DC 1500	118.9	327.8	311.6	2841
5398 >E	Goethals 345kV Voltage	Marcy South S.	110.7	327.8	320.2	3913
5951 >E	Ladentown 345kV Voltage	Ph2 DC 1500	134.3	327.8	311.5	2844
6127 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	158.4	327.8	306.1	2845
6291 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	138.9	327.8	313.7	2846
6570 >E	Millwood 345kV Voltage	Ph2 DC 1500	188.1	327.8	299.7	2848
6603 >E	Gardenville 230kV Voltage	Ph2 DC 1500	159.4	207	165.3	2848
6679 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	150.7	327.8	309.5	2848
7162 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	171.4	327.8	340.2	1836
7204 >E	Rainey 345kV Voltage	SBK Edic R945	173.3	327.8	337.5	2887
7205 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	173.4	327.8	337.5	2887
7219 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	177.0	327.8	340.0	1836
7266 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	179.2	327.8	337.3	2901
7266 >E	Farragut 345kV Voltage	SBK Edic R945	179.2	327.8	337.3	2901
7729 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	274.4	327.8	293.9	2854
7931 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	285.9	327.8	292.3	2856
8667 >E	Rainey 345kV Voltage	Marcy South N.	228.6	327.8	339.4	3216
8773 >E	Farragut 345kV Voltage	Marcy South N.	237.2	327.8	339.2	3216
8856 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	242.8	327.8	340.0	1848
8920 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	245.7	327.8	337.1	3269
8924 >E	Goethals 345kV Voltage	SBK Edic R945	245.8	327.8	337.1	3270
11059 >E	Goethals 345kV Voltage	Marcy South N.	328.9	327.8	338.7	3216
11574 >E	Rainey 345kV Voltage	SBK Marcy R3108	334.9	327.8	326.3	6715
11687 >E	Farragut 345kV Voltage	SBK Marcy R3108	346.0	327.8	326.4	6768
15284 >E	Goethals 345kV Voltage	SBK Marcy R3108	489.9	327.8	326.0	8450
18689 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1273.2	131.1	134.3	5445
18689 >E	Northport 138kV Voltage	SBK Edic R945	1273.2	131.1	134.3	5445
19413 >E	Farragut 345kV Voltage	Ph2 DC 1500	634.8	327.8	302.9	2922

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\19_OS\Sum2023_CEVC_PH2_00_19_OS.xlsx

1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
19767 >E	Rainey 345kV Voltage	Ph2 DC 1500	634.8	327.8	300.5	2924
21924 >E	Goethals 345kV Voltage	Ph2 DC 1500	742.4	327.8	311.5	2937
22474 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1569.9	131.1	136.8	1944
23138 >E	Northport 138kV Voltage	Marcy South N.	1627.6	131.1	135.5	3217
41692 >E	Northport 138kV Voltage	SBK Marcy R3108	3084.6	131.1	130.1	20799
41713 >E	Northport 138kV Voltage	Ph2 DC 1500	3084.6	131.1	130.1	3052
99998 >E	Edic 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
99998 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
99998 >E	Marcy 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\19_OS\Sum2023_CEVC_PH2_00_19_OS.xlsx

1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Niagara 230kV East Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	Niagara 230kV East Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Marcy South S.	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Volney-Marcy	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	Niagara 230kV West Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Marcy South S.	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Volney-Marcy	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
>E						
99998	Station 80 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

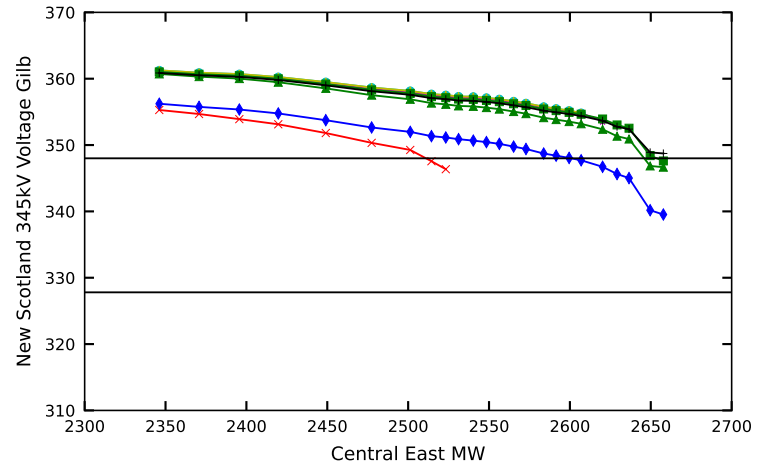
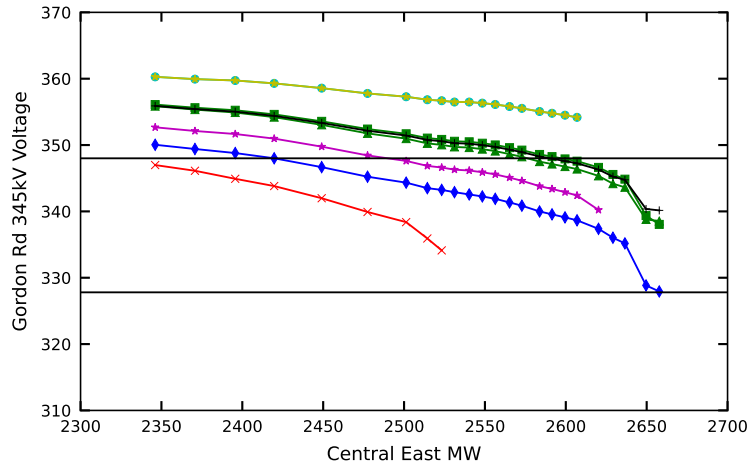
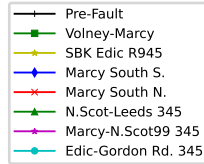
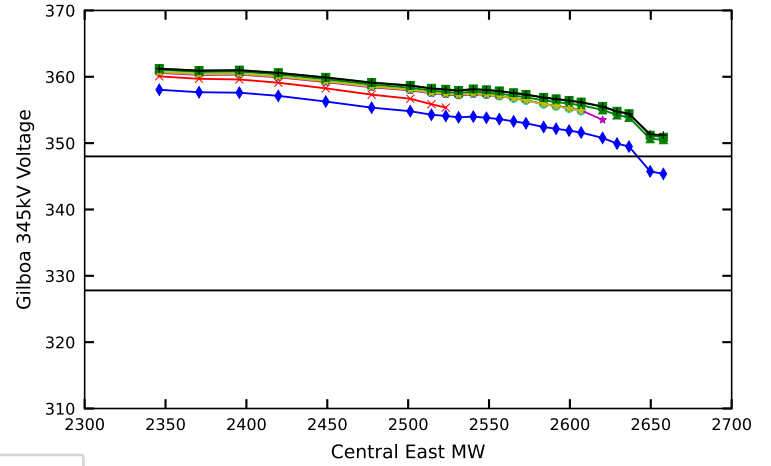
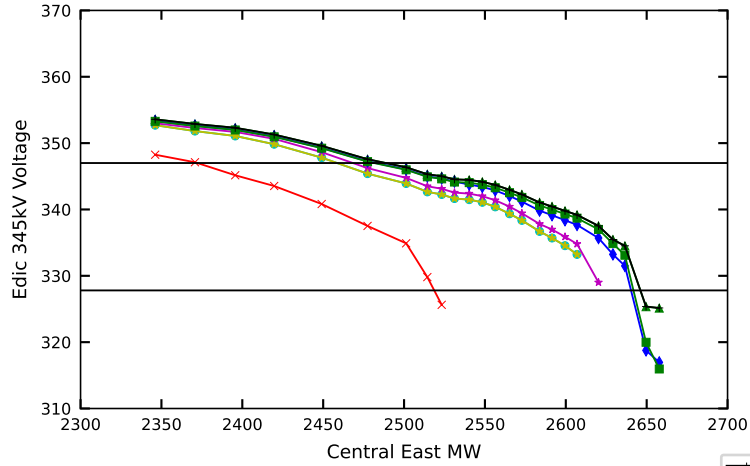
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\19_OS\Sum2023_CEVC_Ph2_00_19_OS.xlsx

1: 2023S CEVC PH2 CE2290 MS2270 DE1300 00 19_OS

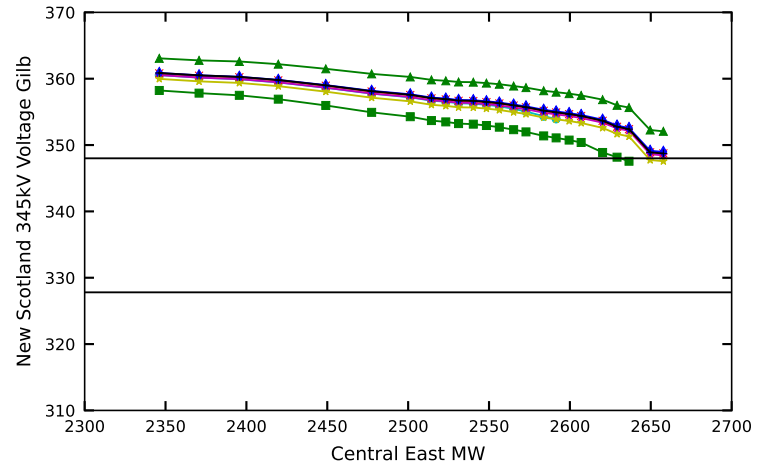
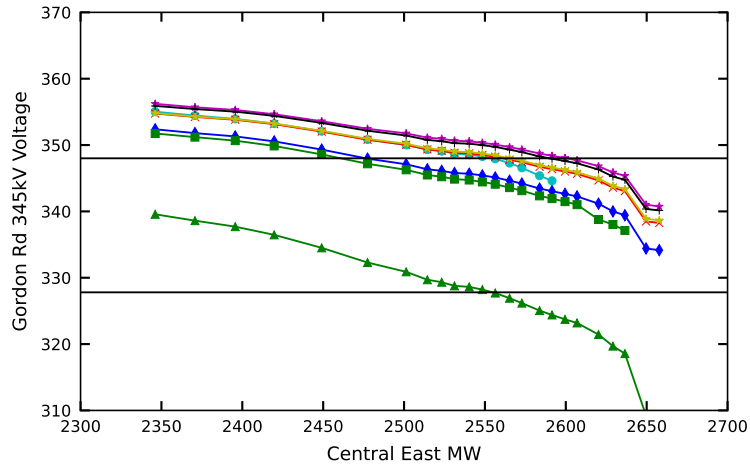
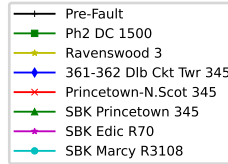
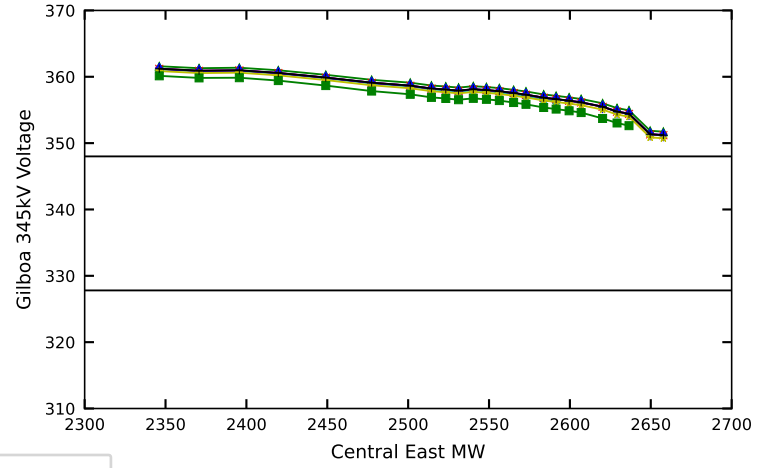
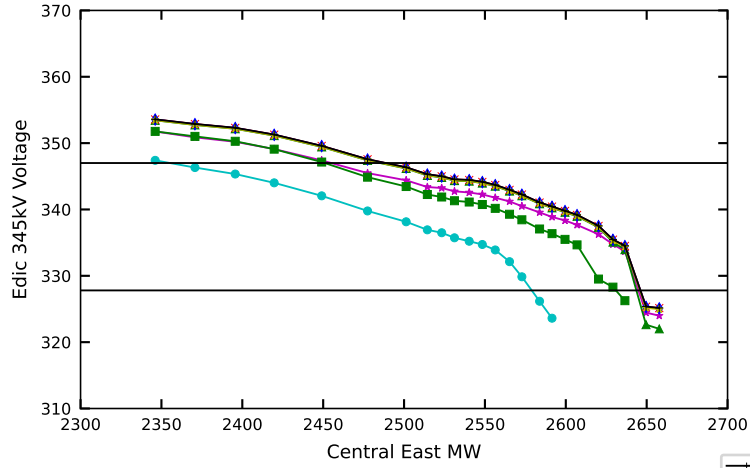
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

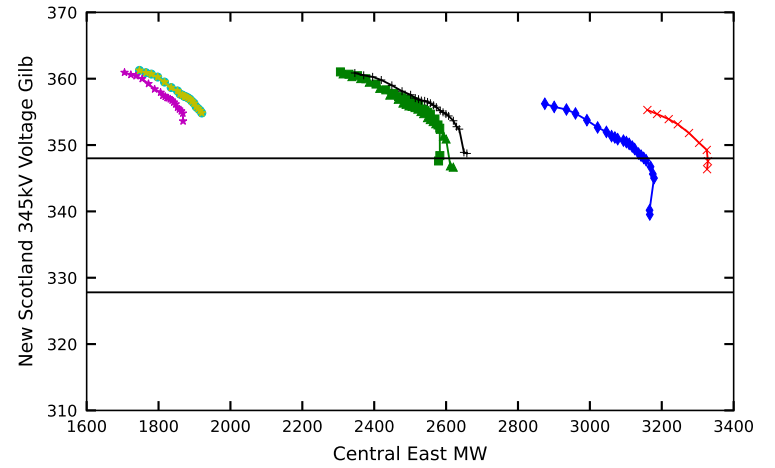
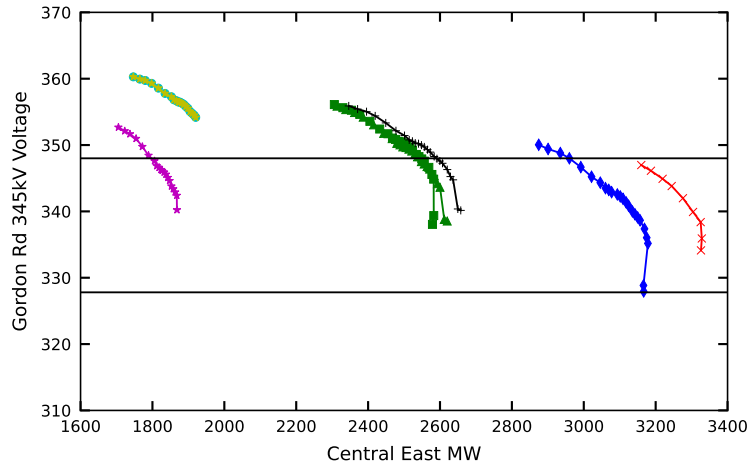
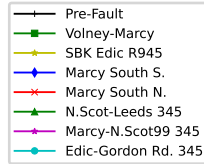
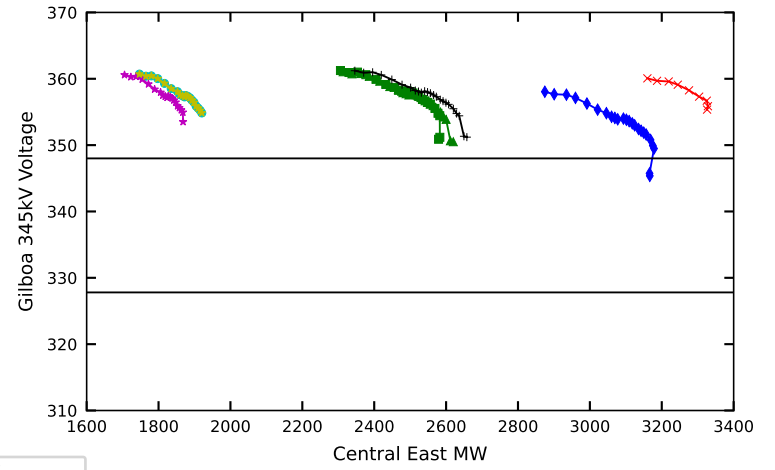
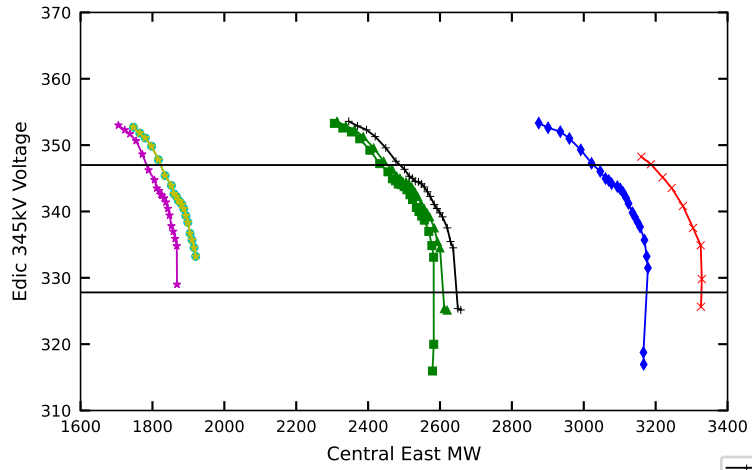
1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_05 Figure 1



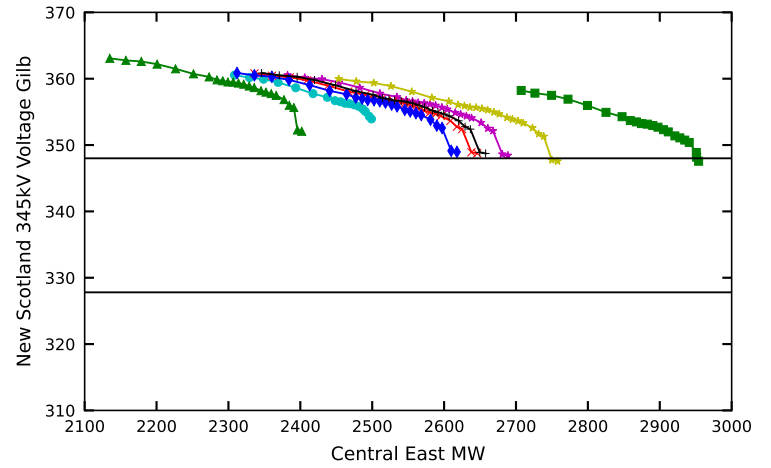
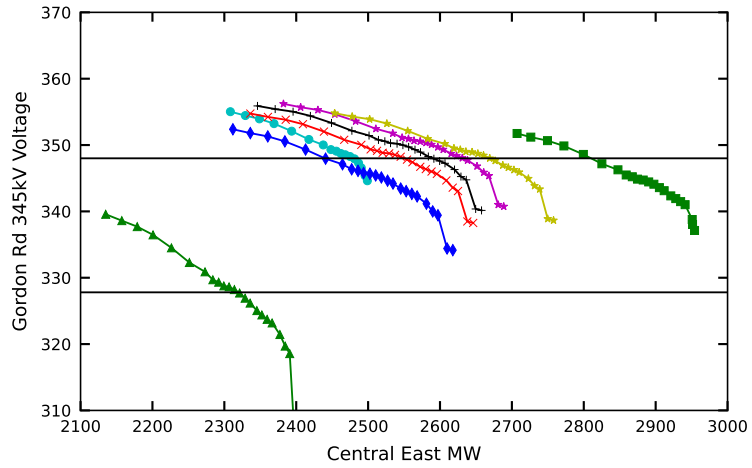
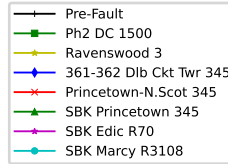
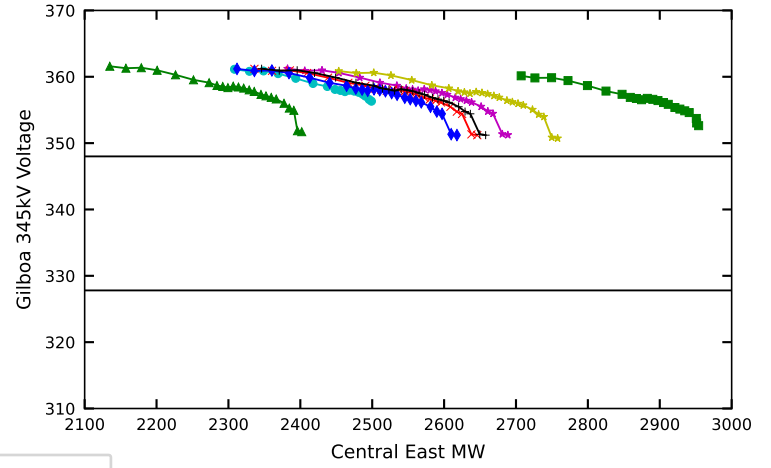
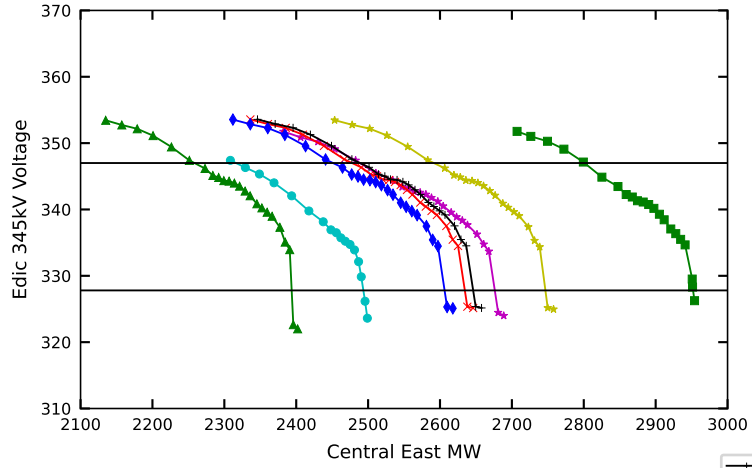
1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_05 Figure 2



1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_05 Figure 1



1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

Interface: Central East

Transfe	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
	MW	e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
2346	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2370	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2395	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2419	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2449	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2477	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2501	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2514	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2523	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2531	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2540	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2548	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2556	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2565	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2572	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2583	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2591	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2599	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	8															
2606	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	9															
2620	t2	0	1	0	0	2	0	1	0	2	0	0	0	0	0	0
	0															
2629	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	1															
2636	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	2															
2649	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	3															
2657	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	4															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Ravensw

ood 3

log15) 0 2 2

Ph2 DC

1500

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2318 >E	Dunwoodie 345kV Voltage	Pre-Fault	102.4	NA	348	2318
2332 >E	Sprain Brook 345kV Voltage	Pre-Fault	101.5	NA	348	2332
2388	limit with 5% margin	Marcy South N.	NA	NA	NA	3161
2461	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2374
2473	Marcy 345kV Voltage	Pre-Fault	14.0	NA	348	2473
2476	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1824
2476	limit with 5% margin	SBK Edic R945	NA	NA	NA	1824
2478	Pannell Road 345kV Voltage	Pre-Fault	35.8	NA	346	2478
2482	Clay 345kV Voltage	Pre-Fault	22.1	NA	345	2482
2484	Station 80 345kV Voltage	Pre-Fault	36.8	NA	346	2484
2488	Edic 345kV Voltage	Pre-Fault	19.6	NA	347	2488
2489	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1774
2504	limit with 5% margin	Marcy South S.	NA	NA	NA	3019
2504	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2806
2511	Clay 345kV Voltage	Marcy South N.	2.5	327.8	343.5	3327
2517	limit with 5% margin	Volney-Marcy	NA	NA	NA	2453
2519 >E	Edic 345kV Voltage	Marcy South N.	2.6	327.8	344.9	3329
2520 >E	Marcy 345kV Voltage	Marcy South N.	2.6	327.8	344.9	3329
2524	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2488
2524	limit with 5% margin	SBK Edic R70	NA	NA	NA	2554
2524	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2281
2524	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2513
2524	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2486
2524	limit with 5% margin	Ravenswood 3	NA	NA	NA	2620
2542 >E	Pannell Road 345kV Voltage	Marcy South N.	4.2	327.8	343.5	3335
2554	Gordon Rd 345kV Voltage	SBK Princetown 345	15.5	327.8	349.8	2319
2557 >E	Gordon Rd 345kV Voltage	Marcy South N.	5.3	327.8	348.6	3338
2560 >E	Station 80 345kV Voltage	Marcy South N.	5.2	327.8	343.6	3339
2568 >E	Oakdale 345kV Voltage	Marcy South N.	4.1	320	347.4	3341
2573	Clay 345kV Voltage	SBK Marcy R3108	2.6	327.8	340.5	2490
2578	Edic 345kV Voltage	SBK Marcy R3108	3.0	327.8	341.6	2493
2590	Gordon Rd 345kV Voltage	Pre-Fault	23.0	NA	348	2590
2608 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	4.0	327.8	340.9	2506
2618	Clay 345kV Voltage	Marcy-N.Scot99 345	2.3	327.8	336.3	1868
2619	Millwood 345kV Voltage	Pre-Fault	60.1	NA	348	2619
2622 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	2.3	327.8	337.2	1868
2624 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.3	327.8	337.1	1868
2626 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.9	327.8	341.0	2513
2627	Clay 345kV Voltage	Ph2 DC 1500	5.3	327.8	334.6	2951
2628 >E	Clay 345kV Voltage	SBK Edic R945	5.6	327.8	335.8	1933

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2628 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	5.7	327.8	335.8	1933
2630	Edic 345kV Voltage	Ph2 DC 1500	3.6	327.8	335.2	2951
2632	Marcy 345kV Voltage	Ph2 DC 1500	3.6	327.8	335.2	2952
2632	Clay 345kV Voltage	Volney-Marcy	3.3	327.8	333.7	2579
2637 >E	Marcy 345kV Voltage	SBK Edic R945	5.6	327.8	336.9	1938
2637 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.7	327.8	336.8	1938
2637 >E	Edic 345kV Voltage	SBK Edic R945	5.6	327.8	336.7	1938
2637 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.7	327.8	336.7	1938
2641	Clay 345kV Voltage	SBK Princetown 345	1.1	327.8	329.6	2392
2641	Edic 345kV Voltage	Volney-Marcy	1.0	327.8	330.8	2582
2642	Marcy 345kV Voltage	Volney-Marcy	1.0	327.8	330.4	2582
2642	Clay 345kV Voltage	SBK Edic R70	1.4	327.8	328.7	2674
2643	Clay 345kV Voltage	Ravenswood 3	1.4	327.8	328.3	2744
2643	Edic 345kV Voltage	SBK Princetown 345	1.2	327.8	329.5	2393
2643	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	1.4	327.8	327.9	2604
2644	Marcy 345kV Voltage	SBK Princetown 345	1.2	327.8	329.4	2393
2644	Clay 345kV Voltage	N.Scot-Leeds 345	1.4	327.8	327.9	2606
2644	Clay 345kV Voltage	Princetown-N.Scot 345	1.4	327.8	327.8	2632
2644	Edic 345kV Voltage	SBK Edic R70	1.4	327.8	328.7	2676
2645 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	337.9	1869
2645	Oakdale 345kV Voltage	Pre-Fault	1.5	NA	335	2645
2645	Edic 345kV Voltage	Ravenswood 3	1.4	327.8	328.0	2746
2646	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	1.4	327.8	327.9	2606
2646	Edic 345kV Voltage	N.Scot-Leeds 345	1.4	327.8	327.8	2608
2646	Edic 345kV Voltage	Princetown-N.Scot 345	1.4	327.8	327.8	2634
2646 >E	Clay 345kV Voltage	Marcy South S.	3.8	327.8	332.0	3182
2646	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	1.4	327.8	327.8	2606
2646	Marcy 345kV Voltage	N.Scot-Leeds 345	1.4	327.8	327.8	2608
2646	Marcy 345kV Voltage	SBK Edic R70	1.4	327.8	327.8	2677
2646	Marcy 345kV Voltage	Princetown-N.Scot 345	1.4	327.8	327.8	2634
2646	Marcy 345kV Voltage	Ravenswood 3	1.4	327.8	327.8	2746
2648	Pannell Road 345kV Voltage	Volney-Marcy	1.8	327.8	334.7	2582
2652 >E	Edic 345kV Voltage	Marcy South S.	4.3	327.8	332.5	3185
2654 >E	Marcy 345kV Voltage	Marcy South S.	4.3	327.8	332.4	3186
2656 >E	Oakdale 345kV Voltage	Volney-Marcy	1.2	320	328.0	2582
2658 >E	Station 80 345kV Voltage	Volney-Marcy	2.5	327.8	335.6	2582
2658 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	4.3	327.8	335.1	2962
2660 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	4.8	327.8	338.5	1869

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2664 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.9	320	338.6	1869
2666 >E	New Scotland 345kV Voltage Alps	Marcy South N.	7.7	327.8	351.2	3365
2666 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	7.7	327.8	351.2	3365
2670 >E	Station 80 345kV Voltage	Ph2 DC 1500	4.9	327.8	335.3	2966
2672 >E	Buchanan North 345kV Voltage	Pre-Fault	165.2	NA	346	2672
2676 >E	St.Lawrence 230kV Voltage	Volney-Marcy	3.7	218.5	222.0	2583
2676 >E	Pannell Road 345kV Voltage	Marcy South S.	4.9	327.8	332.7	3196
2677 >E	Gordon Rd 345kV Voltage	Volney-Marcy	2.4	327.8	331.1	2583
2677 >E	St.Lawrence 230kV Voltage	Marcy South N.	13.9	218.5	229.7	3368
2678 >E	Fraser 345kV Voltage	Volney-Marcy	2.0	327.8	327.8	2583
2679 >E	Pannell Road 345kV Voltage	SBK Edic R945	8.0	327.8	335.5	1964
2679 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	8.0	327.8	335.5	1964
2681 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.1	320	341.3	2536
2687 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	343.6	1870
2692 >E	Coopers Corners 345kV Voltage	Volney-Marcy	2.7	327.8	329.4	2583
2693 >E	Station 80 345kV Voltage	Marcy South S.	5.6	327.8	332.7	3204
2694 >E	New Scotland 345kV Voltage Alps	Pre-Fault	50.1	NA	348	2694
2694 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	50.1	NA	348	2694
2696 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	6.1	327.8	340.9	1871
2698 >E	Niagara 230kV East Voltage	Volney-Marcy	4.8	218.5	221.5	2583
2698 >E	Niagara 230kV West Voltage	Volney-Marcy	4.8	218.5	221.5	2583
2699 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.4	327.8	343.7	1871
2700 >E	Gordon Rd 345kV Voltage	Marcy South S.	8.6	327.8	340.6	3207
2704 >E	Watercure 230kV Voltage	Marcy South N.	9.9	207	229.0	3374
2709 >E	Somerset 345kV Voltage	Marcy South N.	9.8	327.8	349.3	3375
2713 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.2	327.8	339.7	2982
2714 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	3.2	327.8	331.4	2583
2714 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	3.2	327.8	331.4	2583
2720 >E	Station 80 345kV Voltage	SBK Edic R945	10.6	327.8	335.9	1988
2720 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	10.6	327.8	335.9	1988
2720 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.3	320	331.9	2985
2733 >E	Oakdale 345kV Voltage	SBK Edic R945	6.6	320	335.3	1996
2733 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	6.6	320	335.3	1996
2738 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	11.0	218.5	226.8	1872
2743 >E	Gilboa 345kV Voltage	Volney-Marcy	4.0	327.8	329.1	2584
2752 >E	Marcy 345kV Voltage	SBK Marcy R3108	12.6	327.8	327.8	2566
2759 >E	Oakdale 345kV Voltage	Marcy South S.	6.2	320	327.6	3234
2761 >E	Ramapo 500kV Voltage	Volney-Marcy	14.4	500	501.0	2584
2762 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	10.1	327.8	340.5	2570
2779 >E	Somerset 345kV Voltage	Volney-Marcy	7.0	327.8	347.4	2585
2784 >E	Somerset 345kV Voltage	SBK Marcy R3108	9.7	327.8	346.6	2579

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2786 >E	Fraser 345kV Voltage	Pre-Fault	35.9	NA	338	2786
2788 >E	Fraser 345kV Voltage	SBK Edic R945	8.3	327.8	340.4	2030
2788 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	8.3	327.8	340.3	2030
2792 >E	Somerset 345kV Voltage	Ph2 DC 1500	8.3	327.8	339.0	3012
2807 >E	Rock Tavern 345kV Voltage	Volney-Marcy	7.0	327.8	328.9	2585
2809 >E	Ramapo 500kV Voltage	Ph2 DC 1500	41.6	500	506.6	3018
2810 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	19.3	218.5	225.6	3019
2810 >E	Coopers Corners 345kV Voltage	SBK Edic R945	12.0	327.8	341.1	2043
2810 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	12.0	327.8	341.1	2043
2814 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	9.8	327.8	346.6	1875
2826 >E	Niagara 230kV East Voltage	Ph2 DC 1500	15.6	218.5	223.7	3025
2826 >E	Niagara 230kV West Voltage	Ph2 DC 1500	15.6	218.5	223.7	3025
2840 >E	Somerset 345kV Voltage	Marcy South S.	9.6	327.8	335.7	3271
2844 >E	New Scotland 345kV Voltage Alps	Marcy South S.	12.1	327.8	342.2	3272
2844 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	12.1	327.8	342.2	3272
2845 >E	Fraser 345kV Voltage	Marcy South S.	10.2	327.8	327.8	3273
2845 >E	Fraser 345kV Voltage	Ph2 DC 1500	10.2	327.8	327.8	3032
2847 >E	Oakdale 345kV Voltage	SBK Princetown 345	19.6	320	326.9	2542
2848 >E	Leeds 345kV Voltage	Volney-Marcy	7.4	327.8	327.8	2586
2856 >E	Gilboa 345kV Voltage	Pre-Fault	62.0	NA	348	2856
2857 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	9.2	327.8	343.7	1877
2859 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	12.1	327.8	334.7	3037
2860 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	32.8	500	506.4	1877
2862 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	32.2	327.8	334.7	2819
2862 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	18.8	218.5	224.9	1877
2862 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	18.8	218.5	224.9	1877
2864 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	11.0	207	231.4	1877
2867 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	9.8	327.8	328.4	2586
2875 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	12.1	327.8	340.6	3043
2875 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	12.1	327.8	340.6	3043
2878 >E	Niagara 230kV East Voltage	Marcy South S.	18.6	218.5	221.5	3288
2878 >E	Niagara 230kV West Voltage	Marcy South S.	18.6	218.5	221.5	3288
2882 >E	Buchanan North 345kV Voltage	Volney-Marcy	12.6	327.8	328.4	2586
2888 >E	Dunwoodie 345kV Voltage	Volney-Marcy	14.6	327.8	327.8	2587
2888 >E	Millwood 345kV Voltage	Volney-Marcy	12.6	327.8	328.0	2587
2889 >E	Sprain Brook 345kV Voltage	Volney-Marcy	14.5	327.8	327.8	2587
2904 >E	St.Lawrence 230kV Voltage	Marcy South S.	24.5	218.5	223.6	3300
2905 >E	Buchanan South 345kV Voltage	Volney-Marcy	12.4	327.8	328.2	2587
2908 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	11.2	327.8	337.9	1879
2908 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	11.2	327.8	337.9	1879

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2910 >E	Coopers Corners 345kV Voltage	Pre-Fault	46.3	NA	338	2910
2911 >E	Rock Tavern 345kV Voltage	Pre-Fault	109.3	NA	348	2911
2915 >E	Roseton 345kV Voltage	Volney-Marcy	10.6	327.8	328.5	2587
2922 >E	Ramapo 345kV Voltage	Volney-Marcy	11.9	327.8	328.7	2587
2925 >E	Pleasant Valley 345kV Voltage	Pre-Fault	142.0	NA	348	2925
2939 >E	Ramapo 500kV Voltage	SBK Edic R945	42.7	500	504.0	2121
2939 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	42.7	500	504.0	2121
2940 >E	Ladentown 345kV Voltage	Volney-Marcy	12.0	327.8	328.5	2587
2950 >E	Fraser 345kV Voltage	Marcy South N.	15.8	327.8	327.8	3433
2950 >E	Gardenville 230kV Voltage	Volney-Marcy	12.2	207	221.2	2588
2955 >E	Gilboa 345kV Voltage	Marcy South N.	15.7	327.8	343.5	3435
2959 >E	Bowline 1 345kV Voltage	Volney-Marcy	12.0	327.8	328.6	2588
2965 >E	St.Lawrence 230kV Voltage	SBK Edic R945	31.2	218.5	225.9	2137
2966 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	31.2	218.5	225.9	2137
2967 >E	Bowline 2 345kV Voltage	Volney-Marcy	12.1	327.8	328.4	2588
2984 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	15.9	327.8	342.1	1882
2985 >E	Oakdale 345kV Voltage	SBK Edic R70	27.1	320	323.0	2998
2991 >E	Niagara 345kV Voltage	Ph2 DC 1500	13.3	327.8	341.7	3086
2995 >E	Gilboa 345kV Voltage	Marcy South S.	16.5	327.8	338.1	3341
3015 >E	Fraser 345kV Voltage	SBK Marcy R3108	17.1	327.8	327.8	2676
3025 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	34.2	327.8	330.4	2983
3031 >E	Niagara 345kV Voltage	Marcy South N.	18.8	327.8	353.8	3453
3032 >E	Somerset 345kV Voltage	SBK Edic R945	20.3	327.8	339.9	2178
3034 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	20.3	327.8	339.9	2178
3034 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	36.0	327.8	330.2	3021
3040 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	39.3	218.5	225.0	2686
3041 >E	Niagara 230kV East Voltage	Marcy South N.	37.5	218.5	232.1	3455
3041 >E	Niagara 230kV West Voltage	Marcy South N.	37.5	218.5	232.1	3455
3048 >E	Leeds 345kV Voltage	Marcy South N.	18.4	327.8	347.8	3457
3051 >E	Gordon Rd 345kV Voltage	Ravenswood 3	36.3	327.8	329.7	3149
3052 >E	Gordon Rd 345kV Voltage	SBK Edic R70	30.5	327.8	329.7	3062
3053 >E	Oakdale 345kV Voltage	Ravenswood 3	34.9	320	321.1	3151
3056 >E	Buchanan South 345kV Voltage	Pre-Fault	170.3	NA	346	3056
3056 >E	Gardenville 230kV Voltage	Ph2 DC 1500	16.5	207	216.5	3111
3071 >E	Watercure 230kV Voltage	SBK Marcy R3108	21.6	207	236.8	2699
3075 >E	Sprain Brook 345kV Voltage	SBK Edic R945	26.2	327.8	329.3	2203
3075 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	26.2	327.8	329.3	2203
3079 >E	Oakdale 345kV Voltage	361-362 D1b Ckt Twr 345	34.9	320	320.4	3033
3083 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	35.1	320	320.3	3040
3084 >E	Ramapo 500kV Voltage	Ravenswood 3	127.5	500	505.2	3182

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3087 >E	Gilboa 345kV Voltage	Ph2 DC 1500	18.2	327.8	333.9	3122
3088 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	19.0	327.8	338.8	2707
3088 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	19.0	327.8	338.8	2707
3089 >E	Oakdale 345kV Voltage	Princeton-N.Scot 345	35.2	320	320.1	3075
3089 >E	Dunwoodie 345kV Voltage	SBK Edic R945	27.1	327.8	329.3	2212
3089 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	27.1	327.8	329.3	2211
3096 >E	Niagara 345kV Voltage	Marcy South S.	16.2	327.8	337.3	3387
3116 >E	Gardenville 230kV Voltage	Marcy South S.	18.8	207	214.1	3396
3116 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	33.2	327.8	333.6	2741
3128 >E	Gilboa 345kV Voltage	SBK Edic R945	19.3	327.8	339.1	2235
3129 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	19.3	327.8	339.1	2235
3146 >E	Niagara 345kV Voltage	SBK Marcy R3108	19.6	327.8	351.5	2731
3153 >E	Fraser 345kV Voltage	SBK Edic R70	35.9	327.8	327.8	3157
3153 >E	Fraser 345kV Voltage	SBK Princetown 345	35.9	327.8	327.8	2768
3153 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	35.9	327.8	327.8	3109
3153 >E	Fraser 345kV Voltage	Ravenswood 3	35.9	327.8	327.8	3250
3153 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	35.9	327.8	327.8	3139
3153 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	35.9	327.8	327.8	3105
3155 >E	Niagara 230kV East Voltage	SBK Marcy R3108	41.3	218.5	230.4	2734
3155 >E	Niagara 230kV West Voltage	SBK Marcy R3108	41.3	218.5	230.4	2734
3162 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	20.5	327.8	333.0	2256
3162 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	20.5	327.8	333.0	2256
3163 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	20.6	327.8	333.0	2256
3163 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	20.6	327.8	333.0	2256
3211 >E	Buchanan North 345kV Voltage	SBK Edic R945	31.2	327.8	332.3	2286
3211 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	31.2	327.8	332.3	2285
3211 >E	Gordon Rd 345kV Voltage	SBK Edic R945	22.9	327.8	319.4	2286
3212 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	23.0	327.8	319.4	2286
3216 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	31.4	327.8	338.0	1891
3222 >E	Coopers Corners 345kV Voltage	Ravenswood 3	43.4	327.8	331.3	3319
3231 >E	Millwood 345kV Voltage	SBK Edic R945	30.3	327.8	330.5	2298
3231 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	30.3	327.8	330.5	2297
3234 >E	Watercure 230kV Voltage	Volney-Marcy	25.1	207	259.9	2593
3257 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	27.5	327.8	341.5	1893
3266 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	28.2	327.8	325.2	2781
3273 >E	Pleasant Valley 345kV Voltage	Marcy South N.	32.4	327.8	341.2	3512
3277 >E	Gardenville 230kV Voltage	Marcy South N.	30.6	207	231.6	3513
3289 >E	Rock Tavern 345kV Voltage	SBK Edic R945	28.9	327.8	337.4	2333
3290 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	28.9	327.8	337.3	2333
3304 >E	Buchanan South 345kV Voltage	SBK Edic R945	31.6	327.8	332.0	2342

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3304 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	31.6	327.8	331.9	2341
3310 >E	Ramapo 500kV Voltage	Marcy South N.	89.2	500	504.7	3521
3311 >E	Coopers Corners 345kV Voltage	SBK Edic R70	45.3	327.8	329.3	3306
3329 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	28.7	327.8	342.2	1895
3330 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	28.2	207	228.3	1895
3335 >E	Leeds 345kV Voltage	Marcy South S.	27.1	327.8	339.4	3496
3343 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	33.2	327.8	337.9	1896
3353 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	45.5	327.8	328.4	3307
3357 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	36.2	327.8	335.7	1896
3364 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	45.8	327.8	328.2	3313
3371 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	28.6	327.8	343.1	1897
3375 >E	Ramapo 500kV Voltage	Marcy South S.	87.0	500	499.5	3514
3377 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	42.7	327.8	334.2	1897
3377 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	46.2	327.8	327.9	3362
3379 >E	Ramapo 345kV Voltage	Pre-Fault	158.4	NA	346	3379
3383 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	43.3	327.8	334.1	1897
3385 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	28.6	327.8	344.4	1898
3397 >E	Watercure 230kV Voltage	Ph2 DC 1500	33.8	207	235.0	3238
3412 >E	Coopers Corners 345kV Voltage	Marcy South N.	31.1	327.8	306.0	3545
3418 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	30.4	327.8	338.2	1899
3421 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	32.9	327.8	335.3	3247
3428 >E	Gilboa 345kV Voltage	SBK Marcy R3108	29.4	327.8	332.5	2849
3460 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	34.1	327.8	333.1	1900
3464 >E	Ramapo 345kV Voltage	SBK Edic R945	36.3	327.8	335.6	2439
3464 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	36.3	327.8	335.6	2438
3467 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	42.9	327.8	332.6	3420
3467 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	42.9	327.8	332.6	3420
3484 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	31.0	327.8	367.9	1901
3487 >E	Ramapo 500kV Voltage	SBK Marcy R3108	97.9	500	502.3	2873
3492 >E	Ladentown 345kV Voltage	SBK Edic R945	35.3	327.8	335.6	2456
3492 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	35.3	327.8	335.6	2455
3548 >E	Bowline 1 345kV Voltage	SBK Edic R945	35.3	327.8	336.5	2490
3548 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	35.3	327.8	336.5	2489
3569 >E	Gardenville 230kV Voltage	SBK Marcy R3108	38.1	207	229.7	2908
3570 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	44.2	327.8	330.5	3552
3570 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	44.2	327.8	330.5	3552
3573 >E	Ramapo 500kV Voltage	SBK Princetown 345	120.9	500	502.0	3078
3586 >E	Ladentown 345kV Voltage	Pre-Fault	159.3	NA	346	3586
3592 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	51.8	327.8	335.4	3311
3601 >E	Leeds 345kV Voltage	Pre-Fault	98.7	NA	345	3601

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3607 >E	Bowline 2 345kV Voltage	SBK Edic R945	36.9	327.8	337.2	2525
3607 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	36.9	327.8	337.2	2524
3612 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	48.3	327.8	329.7	3706
3612 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	48.3	327.8	329.7	3706
3618 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	40.6	327.8	329.8	2532
3618 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	40.6	327.8	329.8	2531
3623 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	34.3	327.8	327.8	1907
3676 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	42.0	327.8	328.4	3155
3676 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	42.0	327.8	328.4	3155
3713 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	50.4	327.8	327.7	3696
3713 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	50.4	327.8	327.7	3696
3719 >E	Roseton 345kV Voltage	SBK Edic R945	41.8	327.8	333.1	2594
3720 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	41.8	327.8	333.1	2592
3720 >E	Niagara 230kV East Voltage	SBK Edic R945	82.4	218.5	226.2	2594
3720 >E	Niagara 230kV West Voltage	SBK Edic R945	82.4	218.5	226.2	2594
3724 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	82.6	218.5	226.2	2595
3724 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	82.6	218.5	226.2	2595
3726 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	46.5	327.8	334.2	3361
3730 >E	Ramapo 345kV Voltage	Ph2 DC 1500	47.9	327.8	337.3	3363
3735 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	50.9	327.8	327.2	3678
3735 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	50.9	327.8	327.2	3678
3737 >E	Pleasant Valley 345kV Voltage	Marcy South S.	53.1	327.8	334.0	3678
3740 >E	Niagara 345kV Voltage	SBK Edic R945	40.3	327.8	343.2	2606
3744 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	40.5	327.8	343.2	2607
3782 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	53.8	327.8	335.6	3382
3789 >E	Millwood 345kV Voltage	Ph2 DC 1500	57.6	327.8	334.3	3385
3808 >E	Leeds 345kV Voltage	Ph2 DC 1500	41.0	327.8	327.8	3392
3809 >E	Roseton 345kV Voltage	Marcy South N.	47.2	327.8	337.2	3641
3819 >E	Ladentown 345kV Voltage	Ph2 DC 1500	48.8	327.8	338.1	3396
3824 >E	Ramapo 500kV Voltage	SBK Edic R70	148.9	500	500.4	3792
3826 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	150.3	500	500.4	3775
3846 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	69.2	327.8	333.1	3406
3850 >E	Roseton 345kV Voltage	Pre-Fault	155.3	NA	345	3850
3850 >E	Millwood 345kV Voltage	Marcy South N.	63.2	327.8	334.9	3651
3858 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	70.1	327.8	333.0	3411
3862 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	152.9	500	500.1	3803
3880 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	154.3	500	500.0	3863
3886 >E	Ramapo 500kV Voltage	Pre-Fault	154.7	NA	500	3886

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3889 >E	Rainey 345kV Voltage	Volney-Marcy	46.8	327.8	328.0	2605
3894 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	48.7	327.8	338.7	3424
3910 >E	Farragut 345kV Voltage	Volney-Marcy	48.6	327.8	328.0	2605
3916 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	48.6	327.8	339.7	3432
3920 >E	Dunwoodie 345kV Voltage	Marcy South N.	76.2	327.8	333.4	3668
3928 >E	Sprain Brook 345kV Voltage	Marcy South N.	76.1	327.8	333.4	3670
3968 >E	Roseton 345kV Voltage	Ph2 DC 1500	51.2	327.8	334.6	3452
3988 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	58.6	327.8	329.7	3935
3998 >E	Bowline 1 345kV Voltage	Pre-Fault	159.0	NA	345	3998
4006 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	47.3	327.8	327.8	2765
4006 >E	Leeds 345kV Voltage	SBK Edic R945	47.3	327.8	327.8	2767
4009 >E	Watercure 230kV Voltage	Marcy South S.	54.6	207	237.1	3802
4016 >E	Gilboa 345kV Voltage	SBK Princetown 345	56.8	327.8	329.3	3406
4049 >E	Gilboa 345kV Voltage	Ravenswood 3	60.7	327.8	328.7	4141
4053 >E	Gilboa 345kV Voltage	SBK Edic R70	59.6	327.8	328.7	4009
4070 >E	Bowline 2 345kV Voltage	Pre-Fault	158.7	NA	345	4070
4107 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	62.0	327.8	327.8	4089
4109 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	62.0	327.8	327.8	4046
4113 >E	Buchanan South 345kV Voltage	Marcy South N.	69.4	327.8	334.2	3715
4113 >E	Rock Tavern 345kV Voltage	Marcy South N.	56.5	327.8	321.5	3715
4150 >E	Watercure 230kV Voltage	SBK Princetown 345	60.1	207	222.1	3505
4201 >E	Buchanan North 345kV Voltage	Marcy South N.	79.5	327.8	331.2	3736
4325 >E	Gardenville 230kV Voltage	SBK Edic R945	67.2	207	222.6	2960
4331 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	67.4	207	222.6	2961
4341 >E	Goethals 345kV Voltage	Volney-Marcy	66.0	327.8	327.9	2613
4373 >E	Sprain Brook 345kV Voltage	Ravenswood 3	170.9	327.8	335.9	4463
4374 >E	Dunwoodie 345kV Voltage	Ravenswood 3	172.9	327.8	335.9	4465
4411 >E	Buchanan North 345kV Voltage	Ravenswood 3	134.9	327.8	335.5	4501
4452 >E	Leeds 345kV Voltage	SBK Marcy R3108	62.2	327.8	327.8	3277
4481 >E	Rock Tavern 345kV Voltage	Ravenswood 3	94.2	327.8	333.6	4570
4483 >E	Watercure 230kV Voltage	SBK Edic R945	81.0	207	261.1	3056
4508 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	82.1	207	261.4	3068
4582 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	87.0	327.8	332.7	3825
4615 >E	Millwood 345kV Voltage	Ravenswood 3	149.3	327.8	335.7	4704
4676 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	80.5	327.8	324.7	3371
4681 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	249.0	218.5	253.6	3898
4762 >E	Ramapo 345kV Voltage	Marcy South N.	86.8	327.8	328.5	3872
4786 >E	Buchanan South 345kV Voltage	Ravenswood 3	140.8	327.8	335.8	4873
4790 >E	Millwood 345kV Voltage	Marcy South S.	107.5	327.8	322.6	4157
4849 >E	Roseton 345kV Voltage	Marcy South S.	83.5	327.8	321.9	4184

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4896 >E	Dunwoodie 345kV Voltage	Marcy South S.	130.1	327.8	322.8	4206
4899 >E	Ladentown 345kV Voltage	Marcy South N.	88.8	327.8	331.0	3905
4907 >E	Sprain Brook 345kV Voltage	Marcy South S.	129.7	327.8	322.6	4211
4962 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	96.6	327.8	328.5	3490
5035 >E	Rock Tavern 345kV Voltage	SBK Edic R70	107.5	327.8	328.6	4938
5038 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	106.5	327.8	328.5	4973
5053 >E	Ramapo 345kV Voltage	Ravenswood 3	129.2	327.8	335.4	5140
5064 >E	Watercure 230kV Voltage	SBK Edic R70	93.5	207	215.5	4965
5096 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	108.6	327.8	328.0	5017
5113 >E	Rock Tavern 345kV Voltage	Princeton-N.Scot 345	109.1	327.8	327.8	5090
5132 >E	Watercure 230kV Voltage	Pre-Fault	138.3	NA	215	5132
5157 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	130.7	327.8	332.3	5243
5157 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	94.8	327.8	330.8	3460
5157 >E	Rainey 345kV Voltage	SBK Edic R945	94.8	327.8	330.8	3464
5176 >E	Ladentown 345kV Voltage	Ravenswood 3	130.0	327.8	336.0	5261
5217 >E	Farragut 345kV Voltage	SBK Edic R945	99.0	327.8	330.7	3500
5218 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	99.0	327.8	330.7	3497
5251 >E	Buchanan South 345kV Voltage	Marcy South S.	116.5	327.8	318.0	4367
5256 >E	Buchanan North 345kV Voltage	SBK Princetown 345	142.0	327.8	330.4	4323
5299 >E	Leeds 345kV Voltage	SBK Princetown 345	98.7	327.8	327.8	4355
5299 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	98.7	327.8	327.8	5217
5299 >E	Leeds 345kV Voltage	Ravenswood 3	98.7	327.8	327.8	5384
5300 >E	Leeds 345kV Voltage	Princeton-N.Scot 345	98.8	327.8	327.8	5277
5300 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	98.8	327.8	327.8	5233
5300 >E	Leeds 345kV Voltage	SBK Edic R70	98.8	327.8	327.8	5188
5305 >E	Bowline 1 345kV Voltage	Marcy South N.	98.4	327.8	331.0	4004
5330 >E	Bowline 2 345kV Voltage	Marcy South N.	97.8	327.8	331.1	4010
5373 >E	Bowline 1 345kV Voltage	Ravenswood 3	129.5	327.8	336.3	5458
5385 >E	Buchanan North 345kV Voltage	Marcy South S.	128.1	327.8	313.3	4428
5432 >E	Bowline 2 345kV Voltage	Ravenswood 3	129.5	327.8	336.4	5516
5547 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	146.0	327.8	326.7	3735
5557 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	159.6	327.8	328.5	5487
5596 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	134.6	327.8	329.2	5525
5596 >E	Buchanan North 345kV Voltage	SBK Edic R70	162.3	327.8	328.3	5468
5655 >E	Ramapo 345kV Voltage	SBK Princetown 345	132.3	327.8	331.6	4618
5670 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	164.8	327.8	327.8	5583
5676 >E	Buchanan North 345kV Voltage	Princeton-N.Scot 345	165.1	327.8	327.8	5650
5684 >E	Roseton 345kV Voltage	SBK Marcy R3108	113.9	327.8	326.1	3793

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5693 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	138.1	327.8	328.5	5560
5716 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	134.3	327.8	328.3	4663
5751 >E	Roseton 345kV Voltage	Ravenswood 3	139.1	327.8	332.8	5833
5793 >E	Millwood 345kV Voltage	SBK Princetown 345	163.7	327.8	329.2	4720
5796 >E	Buchanan South 345kV Voltage	SBK Princetown 345	151.3	327.8	329.9	4722
5803 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	142.3	327.8	327.7	5777
5827 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	143.0	327.8	327.6	5737
5874 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	172.1	327.8	328.7	5800
5877 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	194.1	327.8	328.7	4782
5903 >E	Ladentown 345kV Voltage	SBK Princetown 345	135.1	327.8	331.5	4801
5905 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	197.0	327.8	328.7	4803
5920 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	201.6	327.8	328.5	5845
5936 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	203.9	327.8	328.5	5862
5959 >E	Millwood 345kV Voltage	SBK Edic R70	176.7	327.8	328.2	5812
5979 >E	Millwood 345kV Voltage	SBK Marcy R3108	162.2	327.8	325.5	3916
6003 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	163.9	327.8	328.7	5928
6010 >E	Sprain Brook 345kV Voltage	SBK Edic R70	207.5	327.8	328.1	5860
6026 >E	Dunwoodie 345kV Voltage	SBK Edic R70	209.8	327.8	328.1	5875
6043 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	179.8	327.8	327.8	6016
6053 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	180.0	327.8	327.7	5959
6074 >E	Buchanan South 345kV Voltage	SBK Edic R70	167.6	327.8	328.3	5921
6079 >E	Goethals 345kV Voltage	SBK Edic R945	133.7	327.8	330.8	4022
6079 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	210.1	327.8	327.8	6052
6080 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	133.8	327.8	330.8	4018
6094 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	210.6	327.8	327.7	6000
6098 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	212.6	327.8	327.8	6071
6104 >E	Roseton 345kV Voltage	SBK Princetown 345	137.6	327.8	330.5	4950
6110 >E	Ramapo 345kV Voltage	SBK Marcy R3108	142.3	327.8	326.3	3971
6110 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	213.0	327.8	327.7	6016
6111 >E	Bowline 1 345kV Voltage	SBK Princetown 345	134.9	327.8	331.7	4955
6132 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	153.6	327.8	328.6	6055
6150 >E	Watercure 230kV Voltage	Ravenswood 3	138.2	207	207.6	6230
6158 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	135.7	207	207.6	6062
6161 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	170.5	327.8	327.8	6133
6162 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	170.4	327.8	327.8	6066

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
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6170 >E	Ramapo 345kV Voltage	SBK Edic R70	155.8	327.8	328.4	6011
6173 >E	Bowline 2 345kV Voltage	SBK Princetown 345	134.8	327.8	331.7	5001
6173 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	158.7	327.8	325.9	3997
6175 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	197.2	327.8	324.9	3998
6177 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	136.3	207	207.4	6100
6198 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	199.7	327.8	324.8	4008
6216 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	137.6	207	207.2	6188
6244 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	157.8	327.8	327.9	6147
6259 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	158.3	327.8	327.8	6231
6338 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	154.0	327.8	328.7	6259
6377 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	139.9	327.8	337.9	2014
6383 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	150.3	327.8	328.7	6303
6389 >E	Ladentown 345kV Voltage	SBK Edic R70	156.6	327.8	328.4	6218
6433 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	144.8	327.8	337.7	2016
6437 >E	Roseton 345kV Voltage	SBK Edic R70	152.9	327.8	328.3	6264
6468 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	158.6	327.8	327.9	6367
6470 >E	Ramapo 345kV Voltage	Marcy South S.	143.5	327.8	301.4	4921
6482 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	159.2	327.8	327.8	6453
6525 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	155.5	327.8	327.8	6496
6528 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	155.5	327.8	327.8	6427
6575 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	153.7	327.8	328.8	6494
6614 >E	Ladentown 345kV Voltage	Marcy South S.	146.0	327.8	303.0	4987
6630 >E	Bowline 1 345kV Voltage	SBK Edic R70	156.2	327.8	328.4	6446
6648 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	153.7	327.8	328.8	6566
6701 >E	Bowline 2 345kV Voltage	SBK Edic R70	156.1	327.8	328.4	6514
6716 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	158.4	327.8	327.9	6612
6726 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	158.8	327.8	327.8	6696
6749 >E	Ladentown 345kV Voltage	SBK Marcy R3108	160.0	327.8	326.3	4238
6759 >E	Rock Tavern 345kV Voltage	Marcy South S.	133.7	327.8	263.6	5053
6786 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	158.2	327.8	327.9	6681
6799 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	158.7	327.8	327.8	6769
7003 >E	Northport 138kV Voltage	Volney-Marcy	342.6	131.1	131.1	2662
7265 >E	Bowline 1 345kV Voltage	Marcy South S.	161.1	327.8	296.3	5283
7311 >E	Bowline 2 345kV Voltage	Marcy South S.	160.3	327.8	298.9	5304
7476 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	177.3	327.8	326.2	4542
7524 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	176.3	327.8	326.2	4562

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7712 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	196.3	327.8	337.4	2066
8175 >E	Rainey 345kV Voltage	Ph2 DC 1500	207.2	327.8	337.2	5026
8226 >E	Farragut 345kV Voltage	Ph2 DC 1500	213.3	327.8	337.1	5045
8753 >E	Coopers Corners 345kV Voltage	Marcy South S.	150.8	327.8	-16.6	5960
9342 >E	Rainey 345kV Voltage	Marcy South N.	252.0	327.8	336.2	4981
9462 >E	Farragut 345kV Voltage	Marcy South N.	261.7	327.8	336.1	5010
9889 >E	Goethals 345kV Voltage	Ph2 DC 1500	280.8	327.8	337.8	5667
11152 >E	Rainey 345kV Voltage	Ravenswood 3	417.7	327.8	341.3	11204
11615 >E	Farragut 345kV Voltage	Ravenswood 3	438.2	327.8	340.5	11664
11949 >E	Goethals 345kV Voltage	Marcy South N.	361.6	327.8	335.7	5613
13287 >E	Farragut 345kV Voltage	Pre-Fault	677.8	NA	338	13287
13288 >E	Rainey 345kV Voltage	Pre-Fault	656.2	NA	338	13288
13490 >E	Rainey 345kV Voltage	Marcy South S.	405.0	327.8	320.6	8114
13623 >E	Farragut 345kV Voltage	Marcy South S.	418.2	327.8	320.9	8174
15612 >E	Goethals 345kV Voltage	Ravenswood 3	597.6	327.8	339.5	15638
15715 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1025.6	131.1	134.6	2378
17018 >E	Goethals 345kV Voltage	Pre-Fault	932.8	NA	338	17018
17589 >E	Goethals 345kV Voltage	Marcy South S.	577.6	327.8	320.9	9978
18785 >E	Rainey 345kV Voltage	SBK Princetown 345	608.5	327.8	329.6	14326
18987 >E	Farragut 345kV Voltage	SBK Princetown 345	628.5	327.8	329.6	14475
19271 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	629.9	327.8	328.9	19047
19459 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	649.8	327.8	328.9	19233
19640 >E	Rainey 345kV Voltage	SBK Marcy R3108	631.8	327.8	323.2	9632
19788 >E	Rainey 345kV Voltage	SBK Edic R70	649.8	327.8	328.1	18894

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
19862 >E	Farragut 345kV Voltage	SBK Marcy R3108	653.0	327.8	323.3	9725
19940 >E	Rainey 345kV Voltage	Princeton-N.Scot 345	654.6	327.8	327.9	19851
19956 >E	Farragut 345kV Voltage	SBK Edic R70	669.3	327.8	328.2	19053
19990 >E	Rainey 345kV Voltage	361-362 D1b Ckt Twr 345	656.2	327.8	327.8	19675
20246 >E	Farragut 345kV Voltage	Princeton-N.Scot 345	679.5	327.8	327.7	20155
20253 >E	Farragut 345kV Voltage	361-362 D1b Ckt Twr 345	679.5	327.8	327.7	19934
21140 >E	Northport 138kV Voltage	Ph2 DC 1500	1452.6	131.1	137.4	9877
24626 >E	Northport 138kV Voltage	Marcy South N.	1741.1	131.1	134.3	8682
24973 >E	Goethals 345kV Voltage	SBK Princeton 345	869.2	327.8	329.5	18901
25558 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	895.4	327.8	328.8	25263
26424 >E	Goethals 345kV Voltage	SBK Edic R70	929.6	327.8	327.9	25173
26619 >E	Goethals 345kV Voltage	Princeton-N.Scot 345	936.1	327.8	327.7	26499
26710 >E	Goethals 345kV Voltage	361-362 D1b Ckt Twr 345	939.4	327.8	327.6	26288
26970 >E	Goethals 345kV Voltage	SBK Marcy R3108	937.1	327.8	322.6	12699
56853 >E	Northport 138kV Voltage	Marcy South S.	4255.7	131.1	124.8	27833
63861 >E	Northport 138kV Voltage	Pre-Fault	6953.8	NA	135	63861
82805 >E	Northport 138kV Voltage	Ravenswood 3	6451.2	131.1	132.3	82447
85677 >E	Northport 138kV Voltage	SBK Princeton 345	6529.8	131.1	131.9	63783
87643 >E	Northport 138kV Voltage	N.Scot-Leeds 345	6693.1	131.1	131.6	86653
89818 >E	Northport 138kV Voltage	SBK Edic R70	6864.7	131.1	131.3	85146
90543	Northport 138kV Voltage	SBK Marcy R3108	6906.1	131.1	127.6	39298

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
90992	Northport 138kV Voltage	361-362 Dlb Ckt Twr	6953.8	131.1	131.1	89548
>E		345				
92145	Northport 138kV Voltage	Princetown-N.Scot 345	7045.3	131.1	130.9	91729
>E						
99998	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
>E						
99998	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr	NA	207	NA	99998
>E		345				
99998	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	St.Lawrence 230kV Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	St.Lawrence 230kV Voltage	SBK Edic R70	NA	218.5	NA	99998
>E						
99998	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
>E						
99998	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr	NA	218.5	NA	99998
>E		345				
99998	St.Lawrence 230kV Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Niagara 230kV East Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	Niagara 230kV East Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Edic R70	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	Niagara 230kV West Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Edic R70	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
>E						
99998	Pannell Road 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

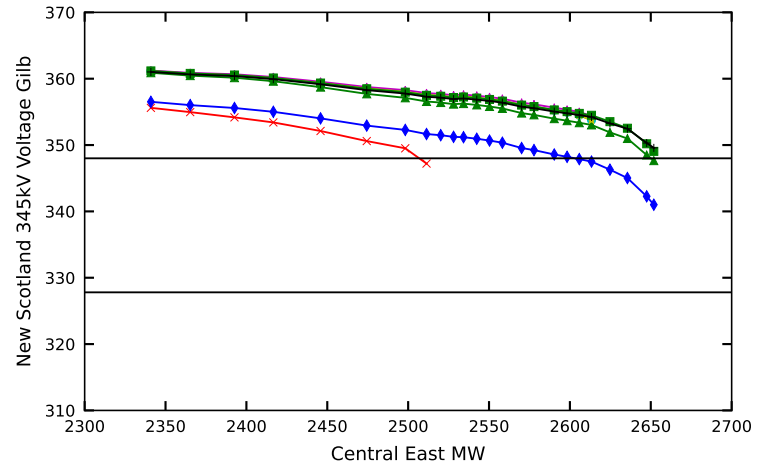
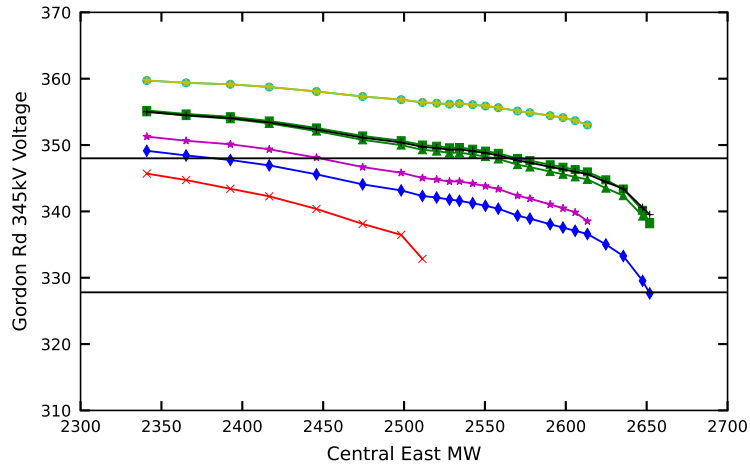
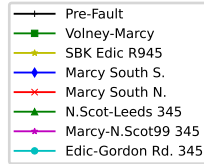
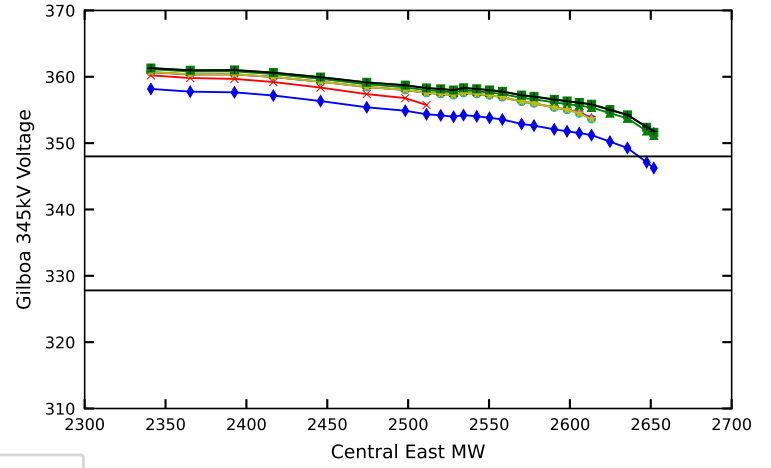
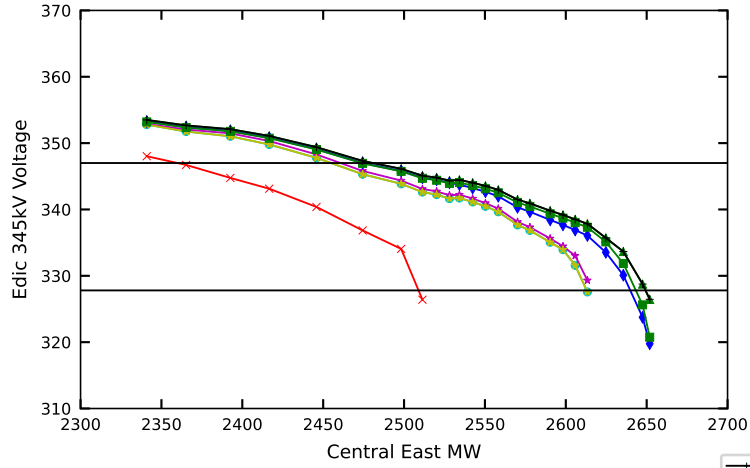
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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 30_OS

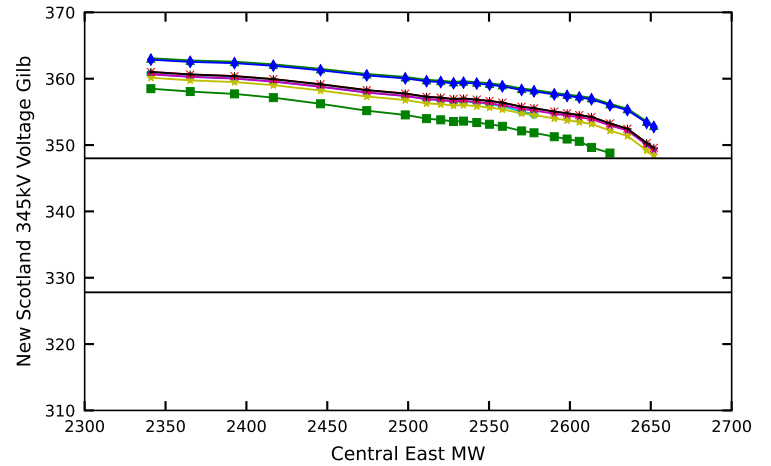
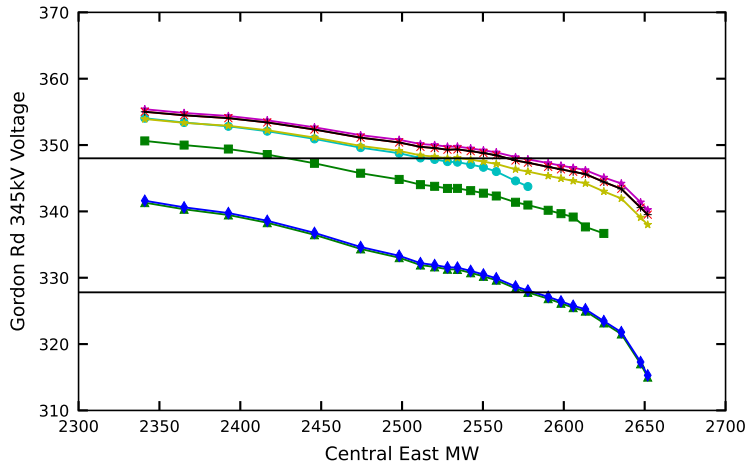
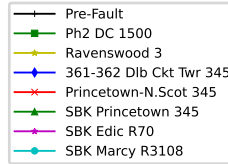
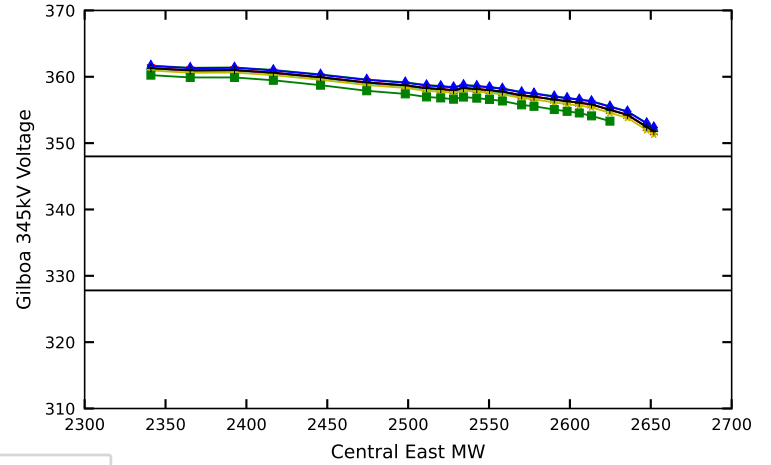
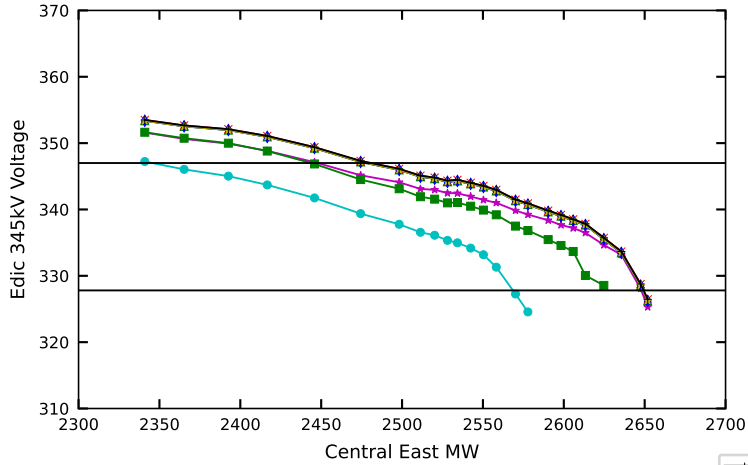
Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Pannell Road 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

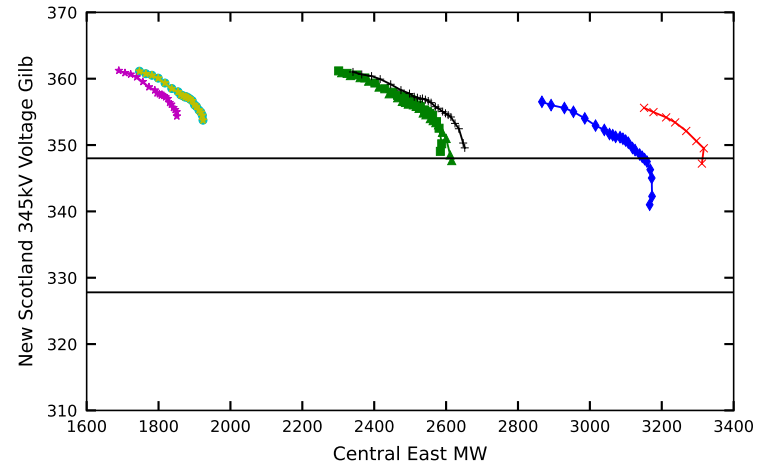
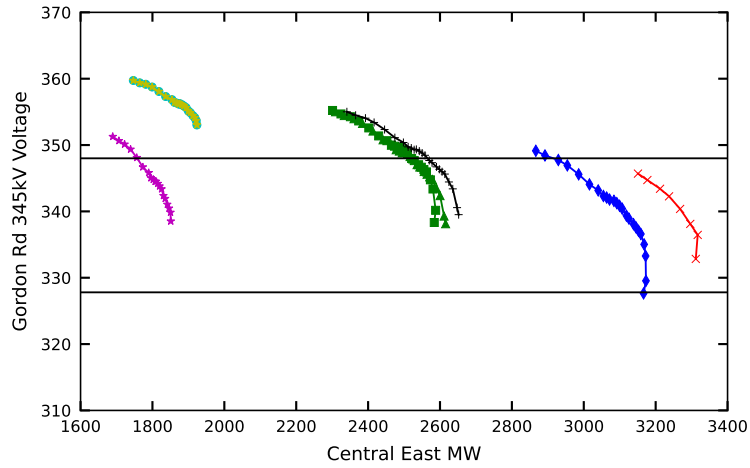
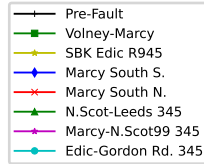
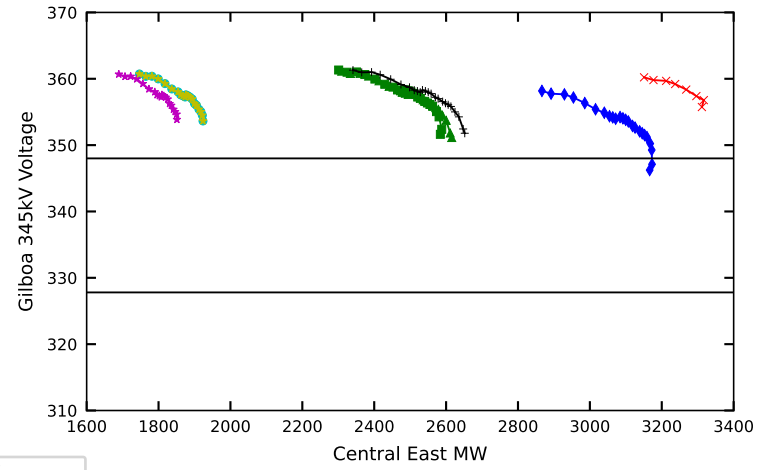
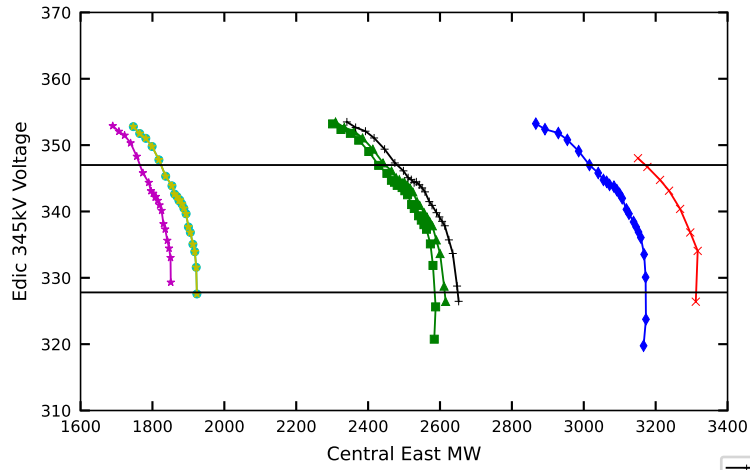
1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_05 Figure 1



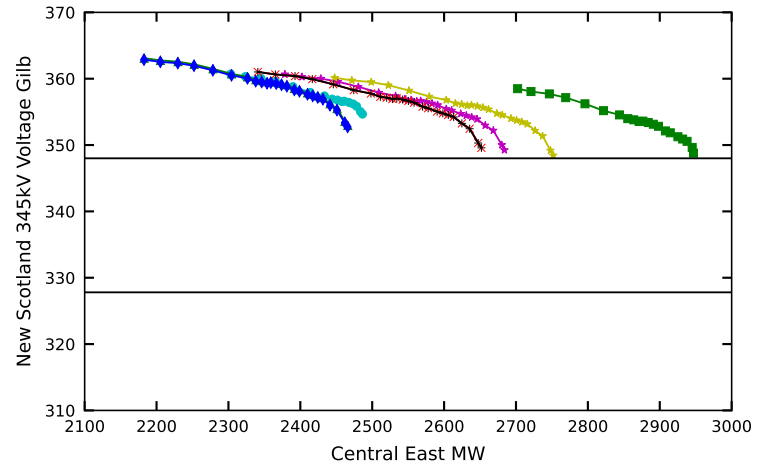
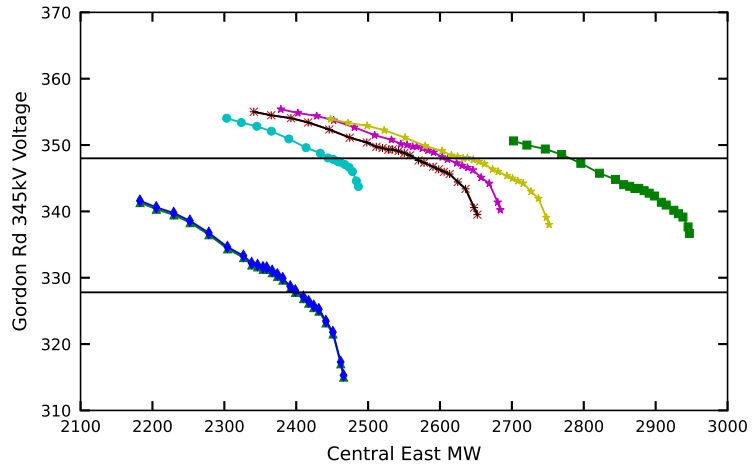
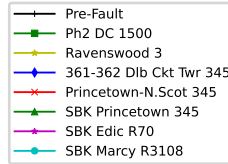
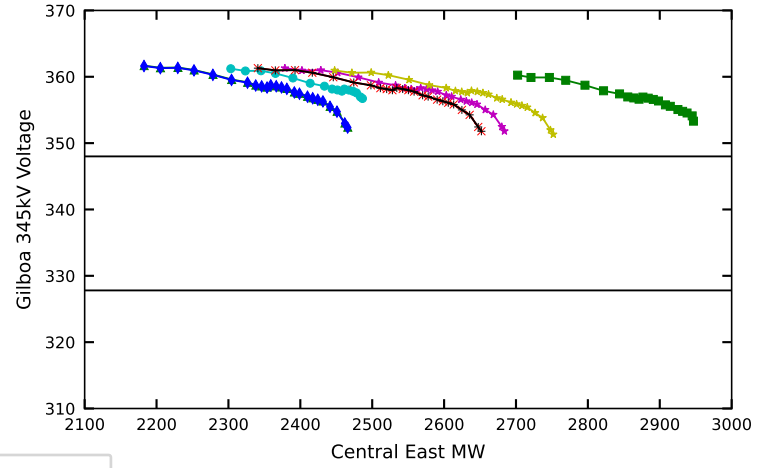
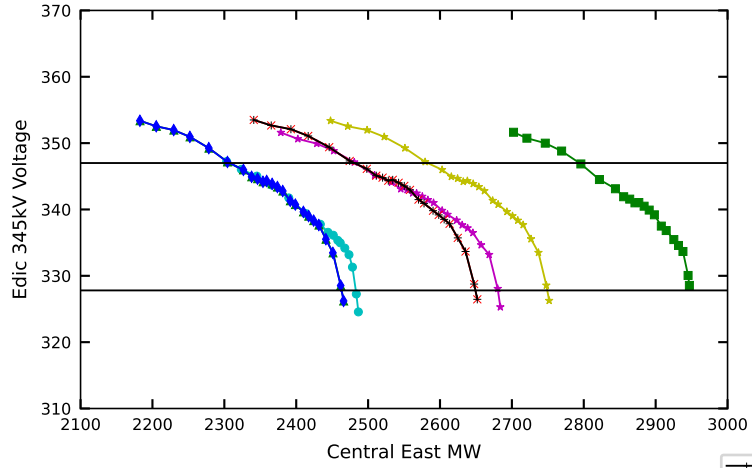
1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_05 Figure 2



1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_05 Figure 1



1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2340	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2365	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2392	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2416	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2445	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2474	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2498	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2511	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2520	t9	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2528	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2534	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2542	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2550	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2558	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2570	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2577	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2590	t1	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0
	7															
2598	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	8															
2605	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	9															
2613	t2	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	0															
2624	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	1															
2635	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	2															
2647	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	3															
2651	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	4															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Ravensw

ood 3

log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	
Ph2 DC																								
1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2373	limit with 5% margin	Marcy South N.	NA	NA	NA	3151
2448	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2362
2466	Marcy 345kV Voltage	Pre-Fault	13.7	NA	348	2466
2472	Pannell Road 345kV Voltage	Pre-Fault	24.2	NA	346	2472
2472 >E	Dunwoodie 345kV Voltage	Pre-Fault	52.1	NA	348	2472
2475	Clay 345kV Voltage	Pre-Fault	23.0	NA	345	2475
2477	Station 80 345kV Voltage	Pre-Fault	38.4	NA	346	2477
2478 >E	Sprain Brook 345kV Voltage	Pre-Fault	51.8	NA	348	2478
2480	Edic 345kV Voltage	Pre-Fault	20.0	NA	347	2480
2482	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1827
2482	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1758
2482	limit with 5% margin	SBK Edic R945	NA	NA	NA	1827
2493	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2799
2515	limit with 5% margin	Marcy South S.	NA	NA	NA	3014
2515	limit with 5% margin	Volney-Marcy	NA	NA	NA	2458
2519	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2484
2519	limit with 5% margin	SBK Edic R70	NA	NA	NA	2549
2519	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2342
2519	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2519
2519	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2342
2519	limit with 5% margin	Ravenswood 3	NA	NA	NA	2614
2530 >E	Clay 345kV Voltage	Marcy South N.	9.0	327.8	342.6	3344
2551 >E	Edic 345kV Voltage	Marcy South N.	8.6	327.8	343.4	3363
2556 >E	Marcy 345kV Voltage	Marcy South N.	8.6	327.8	343.4	3367
2562	Clay 345kV Voltage	SBK Marcy R3108	2.6	327.8	340.5	2480
2565	Gordon Rd 345kV Voltage	Pre-Fault	15.2	NA	348	2565
2568	Edic 345kV Voltage	SBK Marcy R3108	2.9	327.8	341.7	2482
2577	Gordon Rd 345kV Voltage	SBK Princetown 345	12.5	327.8	347.3	2398
2581	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	13.3	327.8	347.2	2402
2596 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	4.2	327.8	341.1	2493
2609	Clay 345kV Voltage	SBK Edic R945	1.8	327.8	336.7	1922
2609	Clay 345kV Voltage	Edic-Gordon Rd. 345	1.8	327.8	336.7	1922
2612 >E	Station 80 345kV Voltage	SBK Marcy R3108	5.1	327.8	341.2	2499
2612	Clay 345kV Voltage	Marcy-N.Scot99 345	1.9	327.8	336.5	1850
2612	Marcy 345kV Voltage	SBK Edic R945	1.9	327.8	338.0	1923
2612	Marcy 345kV Voltage	Edic-Gordon Rd. 345	1.9	327.8	338.0	1923
2612	Edic 345kV Voltage	SBK Edic R945	1.9	327.8	337.9	1923
2612	Edic 345kV Voltage	Edic-Gordon Rd. 345	1.9	327.8	337.9	1923
2616 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	2.0	327.8	337.6	1851

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2618 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.0	327.8	337.5	1851
2619	Millwood 345kV Voltage	Pre-Fault	45.2	NA	348	2619
2622 >E	Gordon Rd 345kV Voltage	Marcy South N.	14.4	327.8	346.6	3424
2624	Clay 345kV Voltage	Ph2 DC 1500	5.9	327.8	334.5	2946
2629	Clay 345kV Voltage	Volney-Marcy	3.0	327.8	333.8	2576
2630 >E	Pannell Road 345kV Voltage	SBK Edic R945	3.0	327.8	338.8	1927
2630 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	338.8	1927
2630 >E	Edic 345kV Voltage	Ph2 DC 1500	7.6	327.8	334.7	2947
2633 >E	Marcy 345kV Voltage	Ph2 DC 1500	7.9	327.8	334.2	2948
2634 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	3.2	327.8	338.5	1852
2638	Clay 345kV Voltage	Marcy South S.	1.8	327.8	331.7	3172
2638 >E	Pannell Road 345kV Voltage	Marcy South N.	14.9	327.8	341.5	3438
2639	Edic 345kV Voltage	Marcy South S.	1.9	327.8	331.9	3172
2640	Marcy 345kV Voltage	Marcy South S.	1.9	327.8	331.7	3172
2642 >E	Station 80 345kV Voltage	SBK Edic R945	3.6	327.8	339.5	1930
2642 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	339.5	1930
2643	Edic 345kV Voltage	Volney-Marcy	1.9	327.8	330.5	2585
2644	Marcy 345kV Voltage	Volney-Marcy	1.9	327.8	330.0	2586
2645	Clay 345kV Voltage	SBK Edic R70	2.3	327.8	328.6	2678
2646	Clay 345kV Voltage	SBK Princetown 345	2.3	327.8	328.5	2460
2646	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	2.3	327.8	328.5	2460
2646	Clay 345kV Voltage	Ravenswood 3	2.3	327.8	328.3	2746
2647	Clay 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	327.9	2611
2647	Clay 345kV Voltage	Princetown-N.Scot 345	1.7	327.8	327.8	2647
2647 >E	Oakdale 345kV Voltage	SBK Edic R945	2.3	320	340.2	1931
2647 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.3	320	340.2	1931
2647 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	339.3	1854
2647	Edic 345kV Voltage	SBK Edic R70	1.6	327.8	328.5	2680
2648	Edic 345kV Voltage	SBK Princetown 345	1.9	327.8	328.0	2463
2648	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	1.9	327.8	328.0	2463
2648	Oakdale 345kV Voltage	Pre-Fault	2.5	NA	335	2648
2648	Edic 345kV Voltage	Ravenswood 3	1.9	327.8	328.0	2749
2649	Edic 345kV Voltage	N.Scot-Leeds 345	1.9	327.8	327.8	2613
2649	Edic 345kV Voltage	Princetown-N.Scot 345	1.9	327.8	327.8	2649
2649	Marcy 345kV Voltage	N.Scot-Leeds 345	1.9	327.8	327.8	2613
2649	Marcy 345kV Voltage	SBK Edic R70	1.9	327.8	327.8	2681
2649	Marcy 345kV Voltage	SBK Princetown 345	1.9	327.8	327.8	2463
2649	Marcy 345kV Voltage	Princetown-N.Scot 345	1.9	327.8	327.8	2649
2649	Marcy 345kV Voltage	361-362 Dlb Ckt Twr	1.9	327.8	327.8	2463

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2649	Marcy 345kV Voltage	Ravenswood 3	1.9	327.8	327.8	2749
2652 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.5	320	339.7	1854
2652 >E	Gordon Rd 345kV Voltage	Marcy South S.	3.2	327.8	339.3	3173
2659 >E	Buchanan North 345kV Voltage	Pre-Fault	25.1	NA	346	2659
2661 >E	New Scotland 345kV Voltage Alps	Pre-Fault	6.1	NA	348	2661
2661 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	6.1	NA	348	2661
2666 >E	Oakdale 345kV Voltage	SBK Marcy R3108	4.8	320	342.0	2519
2666 >E	Fraser 345kV Voltage	Pre-Fault	3.2	NA	338	2666
2667 >E	Pannell Road 345kV Voltage	SBK Edic R70	2.1	327.8	329.2	2697
2669 >E	Pannell Road 345kV Voltage	SBK Princetown 345	2.3	327.8	328.5	2482
2669 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	2.3	327.8	328.5	2481
2669 >E	Pannell Road 345kV Voltage	Ravenswood 3	2.4	327.8	328.4	2767
2670 >E	Oakdale 345kV Voltage	Volney-Marcy	2.2	320	326.8	2602
2670 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	327.9	2634
2671 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	327.8	2671
2673 >E	Fraser 345kV Voltage	SBK Edic R945	3.2	327.8	346.7	1938
2673 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.2	327.8	346.7	1938
2674 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	342.8	1856
2676 >E	St.Lawrence 230kV Voltage	Pre-Fault	10.4	NA	225	2676
2677 >E	Gilboa 345kV Voltage	Pre-Fault	6.8	NA	348	2677
2677 >E	Station 80 345kV Voltage	SBK Edic R70	2.5	327.8	329.5	2705
2678 >E	Pannell Road 345kV Voltage	Volney-Marcy	6.6	327.8	336.2	2607
2679 >E	Oakdale 345kV Voltage	Marcy South S.	2.3	320	323.3	3175
2679 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.5	327.8	346.3	1857
2680 >E	Station 80 345kV Voltage	Ravenswood 3	2.7	327.8	328.6	2777
2680 >E	Station 80 345kV Voltage	SBK Princetown 345	2.7	327.8	328.5	2492
2680 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	2.7	327.8	328.5	2491
2681 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	327.9	2644
2682 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	2.7	327.8	327.8	2682
2682 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.5	320	321.4	2494
2682 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.5	320	321.4	2494
2683 >E	Coopers Corners 345kV Voltage	Pre-Fault	5.1	NA	338	2683
2683 >E	Oakdale 345kV Voltage	SBK Edic R70	2.3	320	321.2	2710
2683 >E	Oakdale 345kV Voltage	Ravenswood 3	2.5	320	321.1	2780
2683 >E	Station 80 345kV Voltage	Marcy South N.	16.8	327.8	340.6	3477
2686 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.5	320	320.2	2648
2686 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.5	320	320.0	2686

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2688 >E	Coopers Corners 345kV Voltage	SBK Edic R945	5.1	327.8	346.3	1941
2688 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	5.1	327.8	346.3	1941
2689 >E	Rock Tavern 345kV Voltage	Pre-Fault	14.4	NA	348	2689
2691 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.8	327.8	330.0	2654
2693 >E	Gordon Rd 345kV Voltage	Volney-Marcy	3.7	327.8	329.7	2616
2693 >E	Gordon Rd 345kV Voltage	Ravenswood 3	4.1	327.8	329.5	2788
2694 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.4	327.8	346.0	1858
2695 >E	Pleasant Valley 345kV Voltage	Pre-Fault	20.0	NA	348	2695
2699 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	3.2	327.8	327.8	2699
2699 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.2	327.8	327.8	2509
2699 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.2	327.8	327.8	2661
2699 >E	Fraser 345kV Voltage	SBK Edic R70	3.2	327.8	327.8	2723
2699 >E	Fraser 345kV Voltage	SBK Princetown 345	3.2	327.8	327.8	2509
2699 >E	Fraser 345kV Voltage	Ravenswood 3	3.2	327.8	327.8	2794
2699 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.8	327.8	328.1	2723
2700 >E	Fraser 345kV Voltage	Marcy South S.	3.3	327.8	327.8	3176
2700 >E	Fraser 345kV Voltage	Volney-Marcy	3.3	327.8	327.8	2620
2700 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	4.2	327.8	327.8	2700
2704 >E	Pannell Road 345kV Voltage	Marcy South S.	8.3	327.8	335.0	3177
2709 >E	New Scotland 345kV Voltage Alps	Marcy South S.	4.3	327.8	339.0	3177
2709 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	4.3	327.8	339.0	3177
2710 >E	Oakdale 345kV Voltage	Marcy South N.	13.2	320	344.9	3500
2710 >E	St.Lawrence 230kV Voltage	SBK Edic R945	9.5	218.5	228.9	1947
2710 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	9.5	218.5	228.9	1947
2716 >E	Buchanan South 345kV Voltage	Pre-Fault	25.3	NA	346	2716
2717 >E	Somerset 345kV Voltage	Pre-Fault	5.1	NA	338	2717
2718 >E	St.Lawrence 230kV Voltage	Volney-Marcy	8.3	218.5	221.0	2632
2718 >E	Coopers Corners 345kV Voltage	Ravenswood 3	4.9	327.8	331.0	2811
2721 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	9.0	327.8	341.1	2540
2723 >E	St.Lawrence 230kV Voltage	Marcy South S.	8.5	218.5	220.6	3178
2723 >E	Ramapo 500kV Voltage	Ravenswood 3	20.4	500	505.2	2816
2725 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	10.3	218.5	228.7	1861
2725 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.7	320	325.2	2962
2725 >E	Coopers Corners 345kV Voltage	Volney-Marcy	4.5	327.8	328.6	2636
2727 >E	Coopers Corners 345kV Voltage	SBK Edic R70	5.0	327.8	329.3	2746
2728 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	327.8	329.1	2535
2728 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	5.0	327.8	329.1	2535
2728 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	11.7	327.8	333.6	2963
2729 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	14.8	327.8	332.4	2963

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2732 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	328.3	2693
2734 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	5.1	327.8	327.8	2734
2738 >E	St.Lawrence 230kV Voltage	Ravenswood 3	10.2	218.5	219.0	2829
2744 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	10.4	218.5	218.5	2744
2744 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	10.4	218.5	218.5	2705
2745 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	10.4	218.5	218.4	2551
2745 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	10.4	218.5	218.3	2551
2747 >E	St.Lawrence 230kV Voltage	SBK Edic R70	10.7	218.5	218.2	2763
2754 >E	Gilboa 345kV Voltage	Marcy South S.	5.5	327.8	336.1	3180
2754 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	5.2	327.8	332.6	2715
2754 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	5.2	327.8	332.6	2715
2754 >E	Niagara 230kV East Voltage	Pre-Fault	17.8	NA	225	2754
2754 >E	Niagara 230kV West Voltage	Pre-Fault	17.8	NA	225	2754
2755 >E	Marcy 345kV Voltage	SBK Marcy R3108	13.4	327.8	327.8	2553
2756 >E	Somerset 345kV Voltage	SBK Edic R70	4.6	327.8	330.4	2771
2761 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	5.1	327.8	329.8	2658
2761 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	5.1	327.8	329.8	2658
2762 >E	Ramapo 345kV Voltage	Pre-Fault	23.2	NA	346	2762
2764 >E	Somerset 345kV Voltage	SBK Edic R945	7.7	327.8	349.5	1960
2764 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	7.7	327.8	349.5	1960
2764 >E	Somerset 345kV Voltage	SBK Marcy R3108	9.8	327.8	347.4	2556
2764 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	4.9	327.8	328.7	2569
2764 >E	Somerset 345kV Voltage	Ravenswood 3	5.0	327.8	328.7	2852
2764 >E	Somerset 345kV Voltage	SBK Princetown 345	4.9	327.8	328.7	2569
2766 >E	Niagara 230kV East Voltage	SBK Edic R945	12.0	218.5	225.0	1960
2766 >E	Niagara 230kV West Voltage	SBK Edic R945	12.0	218.5	225.0	1960
2766 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	12.0	218.5	225.0	1960
2766 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	12.0	218.5	225.0	1960
2767 >E	Watercure 230kV Voltage	Pre-Fault	6.4	NA	215	2767
2768 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	328.0	2729
2769 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	5.1	327.8	327.8	2769
2774 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	5.9	327.8	329.3	2861
2774 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	5.9	327.8	329.3	2861
2775 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	5.7	327.8	329.2	2787
2775 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	5.7	327.8	329.2	2787
2776 >E	Fraser 345kV Voltage	Ph2 DC 1500	7.1	327.8	327.8	2971
2776 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	12.7	218.5	224.5	1866
2776 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	12.7	218.5	224.5	1866
2777 >E	Leeds 345kV Voltage	Pre-Fault	12.6	NA	345	2777

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2783 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	6.1	327.8	327.8	2783
2783 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	6.1	327.8	327.8	2783
2783 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	8.5	327.8	349.4	1866
2794 >E	Ladentown 345kV Voltage	Pre-Fault	23.6	NA	346	2794
2799 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	25.0	500	506.7	1968
2799 >E	Ramapo 500kV Voltage	SBK Edic R945	25.0	500	506.7	1968
2803 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	6.5	327.8	329.5	2762
2803 >E	Gilboa 345kV Voltage	Volney-Marcy	6.4	327.8	328.5	2685
2804 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	26.0	500	506.7	1868
2806 >E	Watercure 230kV Voltage	SBK Edic R70	6.0	207	209.0	2812
2810 >E	Gilboa 345kV Voltage	Ravenswood 3	6.7	327.8	328.5	2893
2811 >E	Watercure 230kV Voltage	SBK Princetown 345	6.2	207	208.2	2611
2811 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	6.2	207	208.2	2611
2812 >E	Watercure 230kV Voltage	Ravenswood 3	6.3	207	208.1	2894
2812 >E	Gilboa 345kV Voltage	SBK Edic R70	6.7	327.8	328.1	2818
2813 >E	Station 80 345kV Voltage	Ph2 DC 1500	21.9	327.8	332.4	2976
2814 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	6.8	327.8	327.8	2814
2817 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	6.4	207	207.2	2776
2819 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	6.4	207	207.0	2819
2819 >E	Station 80 345kV Voltage	Volney-Marcy	20.3	327.8	346.9	2695
2823 >E	Roseton 345kV Voltage	Pre-Fault	21.6	NA	345	2823
2825 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	7.1	327.8	326.3	2624
2825 >E	Gilboa 345kV Voltage	SBK Princetown 345	7.1	327.8	326.2	2624
2828 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	7.1	327.8	320.4	2627
2828 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	7.1	327.8	320.4	2627
2830 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	7.1	327.8	320.1	2628
2830 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	7.1	327.8	320.1	2628
2832 >E	Ramapo 500kV Voltage	Volney-Marcy	22.8	500	500.8	2703
2840 >E	Gilboa 345kV Voltage	SBK Edic R945	8.8	327.8	348.2	1978
2840 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	8.8	327.8	348.1	1978
2842 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	24.0	500	500.4	2800
2842 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	24.2	500	500.4	2640
2843 >E	Ramapo 500kV Voltage	SBK Princetown 345	24.2	500	500.4	2640
2844 >E	Ramapo 500kV Voltage	SBK Edic R70	24.1	500	500.3	2845
2847 >E	Watercure 230kV Voltage	SBK Edic R945	10.6	207	239.1	1980
2847 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	10.6	207	239.1	1980

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2847 >E	Niagara 230kV East Voltage	SBK Edic R70	16.2	218.5	219.8	2847
2847 >E	Niagara 230kV West Voltage	SBK Edic R70	16.2	218.5	219.8	2847
2847 >E	Niagara 230kV East Voltage	Volney-Marcy	16.8	218.5	222.0	2712
2847 >E	Niagara 230kV West Voltage	Volney-Marcy	16.8	218.5	222.0	2712
2848 >E	Niagara 345kV Voltage	Pre-Fault	9.4	NA	338	2848
2852 >E	Ramapo 500kV Voltage	Pre-Fault	24.8	NA	500	2852
2852 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	24.8	500	500.0	2852
2855 >E	Bowline 1 345kV Voltage	Pre-Fault	23.5	NA	345	2855
2855 >E	Ramapo 500kV Voltage	Ph2 DC 1500	52.3	500	505.3	2983
2856 >E	Watercure 230kV Voltage	SBK Marcy R3108	12.5	207	227.1	2591
2858 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	9.4	327.8	347.5	1873
2862 >E	Niagara 230kV East Voltage	SBK Princeton 345	17.3	218.5	219.0	2658
2862 >E	Niagara 230kV West Voltage	SBK Princeton 345	17.3	218.5	219.0	2658
2862 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	17.3	218.5	219.0	2657
2862 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	17.3	218.5	219.0	2657
2862 >E	Niagara 230kV East Voltage	Ravenswood 3	17.6	218.5	219.0	2939
2862 >E	Niagara 230kV West Voltage	Ravenswood 3	17.6	218.5	219.0	2939
2863 >E	Niagara 230kV East Voltage	Marcy South S.	17.9	218.5	221.3	3188
2863 >E	Niagara 230kV West Voltage	Marcy South S.	17.9	218.5	221.3	3188
2865 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	12.5	327.8	325.3	2985
2866 >E	Bowline 2 345kV Voltage	Pre-Fault	23.5	NA	345	2866
2868 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	17.7	218.5	218.6	2826
2868 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	17.7	218.5	218.6	2826
2870 >E	Niagara 230kV East Voltage	Princeton-N.Scot 345	17.8	218.5	218.5	2870
2870 >E	Niagara 230kV West Voltage	Princeton-N.Scot 345	17.8	218.5	218.5	2870
2872 >E	Leeds 345kV Voltage	Marcy South S.	9.2	327.8	335.1	3189
2880 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	12.0	207	240.0	1875
2884 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	10.4	327.8	343.9	1989
2884 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	10.4	327.8	343.9	1989
2884 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	10.4	327.8	343.9	1989
2884 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	10.4	327.8	343.9	1989
2904 >E	Rock Tavern 345kV Voltage	Ravenswood 3	12.8	327.8	333.1	2976
2905 >E	Gordon Rd 345kV Voltage	SBK Edic R945	11.6	327.8	332.1	1994
2905 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	11.6	327.8	332.1	1994
2906 >E	Rock Tavern 345kV Voltage	Volney-Marcy	11.1	327.8	328.6	2749
2907 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	13.5	327.8	329.2	2991
2907 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	13.5	327.8	329.2	2991
2913 >E	Gardenville 230kV Voltage	Pre-Fault	15.9	NA	217	2913
2914 >E	Niagara 345kV Voltage	SBK Edic R70	8.5	327.8	331.0	2903

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2923 >E	Dunwoodie 345kV Voltage	Ravenswood 3	26.7	327.8	335.6	2994
2923 >E	Sprain Brook 345kV Voltage	Ravenswood 3	26.4	327.8	335.7	2994
2926 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	11.8	327.8	342.3	1879
2926 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	11.8	327.8	342.3	1879
2929 >E	Buchanan North 345kV Voltage	Ravenswood 3	20.9	327.8	335.2	2999
2934 >E	Niagara 345kV Voltage	SBK Princetown 345	9.1	327.8	328.9	2723
2934 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	328.9	2723
2935 >E	Niagara 345kV Voltage	Ravenswood 3	9.3	327.8	328.7	3005
2942 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	9.3	327.8	328.1	2897
2944 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	9.4	327.8	327.8	2944
2945 >E	Pleasant Valley 345kV Voltage	Marcy South S.	15.0	327.8	330.8	3195
2953 >E	Leeds 345kV Voltage	Volney-Marcy	11.1	327.8	327.8	2778
2954 >E	Millwood 345kV Voltage	Ravenswood 3	22.6	327.8	335.4	3021
2955 >E	Rock Tavern 345kV Voltage	SBK Edic R945	14.9	327.8	345.9	2006
2955 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	14.9	327.8	345.9	2006
2969 >E	Rock Tavern 345kV Voltage	SBK Edic R70	14.2	327.8	328.6	2949
2971 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	14.1	327.8	328.5	2926
2972 >E	New Scotland 345kV Voltage Alps	Marcy South N.	21.8	327.8	347.5	3727
2972 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	21.8	327.8	347.5	3727
2974 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	14.3	327.8	328.3	2760
2974 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	14.3	327.8	328.3	2761
2979 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	15.8	327.8	345.4	1884
2981 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	14.4	327.8	327.8	2981
2981 >E	Buchanan South 345kV Voltage	Ravenswood 3	21.4	327.8	335.5	3045
2987 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	14.9	327.8	328.0	2799
2991 >E	Gilboa 345kV Voltage	Ph2 DC 1500	14.4	327.8	328.6	3005
2993 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	12.6	327.8	327.8	2948
2993 >E	Leeds 345kV Voltage	Ravenswood 3	12.6	327.8	327.8	3056
2993 >E	Leeds 345kV Voltage	SBK Princetown 345	12.6	327.8	327.8	2778
2993 >E	Leeds 345kV Voltage	SBK Edic R70	12.6	327.8	327.8	2970
2993 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	12.6	327.8	327.8	2993
2993 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	12.6	327.8	327.8	2778
3011 >E	Buchanan North 345kV Voltage	Volney-Marcy	19.4	327.8	328.3	2814
3014 >E	Dunwoodie 345kV Voltage	Volney-Marcy	22.0	327.8	327.8	2816
3015 >E	Sprain Brook 345kV Voltage	Volney-Marcy	21.9	327.8	327.8	2817
3015 >E	Ramapo 345kV Voltage	Ravenswood 3	19.4	327.8	335.1	3076
3019 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	18.9	327.8	331.9	3079
3019 >E	Millwood 345kV Voltage	Volney-Marcy	19.2	327.8	327.9	2819

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3026 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	38.9	218.5	225.4	2655
3033 >E	Gardenville 230kV Voltage	SBK Edic R70	14.5	207	209.5	3003
3038 >E	Ladentown 345kV Voltage	Ravenswood 3	19.7	327.8	335.7	3096
3042 >E	Ramapo 500kV Voltage	Marcy South S.	47.8	500	492.2	3202
3046 >E	Buchanan South 345kV Voltage	Volney-Marcy	18.9	327.8	328.1	2836
3052 >E	St.Lawrence 230kV Voltage	Marcy South N.	44.2	218.5	226.3	3796
3054 >E	Gardenville 230kV Voltage	SBK Princetown 345	15.3	207	208.1	2834
3054 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	15.3	207	208.1	2833
3061 >E	Gardenville 230kV Voltage	Ravenswood 3	15.6	207	207.7	3117
3066 >E	Roseton 345kV Voltage	Volney-Marcy	16.4	327.8	328.2	2848
3067 >E	Bowline 1 345kV Voltage	Ravenswood 3	19.6	327.8	336.0	3122
3068 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	18.8	327.8	329.4	3020
3068 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	15.7	207	207.3	3020
3072 >E	Fraser 345kV Voltage	SBK Marcy R3108	19.5	327.8	327.8	2672
3072 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	15.9	207	207.0	3072
3076 >E	Ramapo 345kV Voltage	Volney-Marcy	18.4	327.8	328.6	2855
3076 >E	Bowline 2 345kV Voltage	Ravenswood 3	19.6	327.8	336.0	3130
3082 >E	Buchanan North 345kV Voltage	SBK Edic R945	24.7	327.8	339.4	2037
3082 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	24.7	327.8	339.4	2037
3091 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	19.7	327.8	328.3	3051
3094 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	24.1	327.8	328.6	3046
3098 >E	Roseton 345kV Voltage	Ravenswood 3	19.8	327.8	332.3	3150
3098 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	19.4	327.8	339.6	2682
3098 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	19.4	327.8	339.6	2682
3100 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	20.0	327.8	327.8	3100
3102 >E	Ladentown 345kV Voltage	Volney-Marcy	18.5	327.8	328.5	2871
3103 >E	Buchanan North 345kV Voltage	SBK Edic R70	24.6	327.8	328.3	3061
3108 >E	Station 80 345kV Voltage	Marcy South S.	45.2	327.8	357.7	3207
3108 >E	Niagara 345kV Voltage	SBK Marcy R3108	19.6	327.8	352.4	2685
3111 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	26.0	327.8	338.9	1896
3115 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	25.1	327.8	327.8	3115
3118 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	25.1	327.8	327.7	2891
3118 >E	Buchanan North 345kV Voltage	SBK Princetown 345	25.1	327.8	327.7	2892
3120 >E	Gardenville 230kV Voltage	SBK Edic R945	20.2	207	229.9	2046
3120 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	20.2	207	229.9	2046
3126 >E	Niagara 230kV East Voltage	SBK Marcy R3108	40.3	218.5	231.1	2692
3126 >E	Niagara 230kV West Voltage	SBK Marcy R3108	40.3	218.5	231.1	2692
3127 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	25.1	327.8	328.8	3078
3129 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	29.2	327.8	334.7	2049

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3129 >E	Sprain Brook 345kV Voltage	SBK Edic R945	29.2	327.8	334.7	2049
3130 >E	Bowline 1 345kV Voltage	Volney-Marcy	18.5	327.8	328.5	2889
3131 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	20.9	327.8	326.2	2904
3132 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	20.9	327.8	326.2	2904
3141 >E	Bowline 2 345kV Voltage	Volney-Marcy	18.6	327.8	328.4	2895
3142 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	30.1	327.8	334.7	2052
3142 >E	Dunwoodie 345kV Voltage	SBK Edic R945	30.1	327.8	334.7	2052
3143 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	30.0	327.8	328.7	3093
3144 >E	Millwood 345kV Voltage	SBK Edic R70	26.0	327.8	328.2	3096
3144 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	30.3	327.8	328.7	3095
3149 >E	Ramapo 345kV Voltage	SBK Edic R945	23.1	327.8	344.1	2053
3149 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	23.1	327.8	344.1	2053
3149 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	24.1	327.8	328.8	3100
3154 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	26.4	327.8	327.8	3154
3160 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	30.6	327.8	334.0	1901
3161 >E	Sprain Brook 345kV Voltage	SBK Edic R70	31.2	327.8	328.1	3110
3163 >E	Dunwoodie 345kV Voltage	SBK Edic R70	31.5	327.8	328.1	3112
3163 >E	Dunwoodie 345kV Voltage	Marcy South S.	30.4	327.8	321.1	3211
3164 >E	Buchanan South 345kV Voltage	SBK Edic R70	24.9	327.8	328.3	3113
3164 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	22.5	327.8	328.7	3114
3171 >E	Ramapo 345kV Voltage	SBK Edic R70	22.8	327.8	328.4	3118
3171 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	31.5	327.8	327.8	3171
3171 >E	Sprain Brook 345kV Voltage	Marcy South S.	30.6	327.8	320.8	3211
3172 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	26.9	327.8	327.1	2941
3173 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	31.8	327.8	327.8	3173
3173 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	20.8	327.8	328.8	3122
3173 >E	Millwood 345kV Voltage	SBK Princetown 345	26.9	327.8	327.1	2942
3175 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	31.6	327.8	334.0	1902
3176 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	22.3	207	229.5	1902
3176 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	25.3	327.8	327.8	3176
3179 >E	Millwood 345kV Voltage	Marcy South S.	27.1	327.8	319.7	3212
3181 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	27.9	327.8	337.3	2061
3181 >E	Millwood 345kV Voltage	SBK Edic R945	27.9	327.8	337.3	2061
3182 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	23.1	327.8	327.9	2950
3182 >E	Ramapo 345kV Voltage	SBK Princetown 345	23.1	327.8	327.9	2950
3183 >E	Roseton 345kV Voltage	SBK Edic R70	21.3	327.8	328.3	3129
3184 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	24.5	327.8	343.6	1903
3184 >E	Buchanan South 345kV Voltage	SBK Edic R945	26.2	327.8	339.7	2062

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3184 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	26.2	327.8	339.7	2062
3185 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	23.2	327.8	327.8	3185
3188 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	25.6	327.8	327.3	2955
3188 >E	Buchanan South 345kV Voltage	SBK Princetown 345	25.6	327.8	327.3	2956
3190 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	32.2	327.8	327.2	2958
3191 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	32.2	327.8	327.2	2958
3193 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	32.5	327.8	327.2	2960
3193 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	32.5	327.8	327.2	2961
3195 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	21.6	327.8	327.8	3195
3197 >E	Somerset 345kV Voltage	Marcy South N.	33.0	327.8	344.2	3922
3198 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	23.7	327.8	344.6	2065
3198 >E	Ladentown 345kV Voltage	SBK Edic R945	23.7	327.8	344.5	2065
3199 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	22.7	327.8	328.8	3148
3203 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	21.8	327.8	327.4	2970
3203 >E	Roseton 345kV Voltage	SBK Princetown 345	21.8	327.8	327.4	2970
3208 >E	Ladentown 345kV Voltage	SBK Edic R70	23.2	327.8	328.4	3150
3218 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	29.5	327.8	336.6	1906
3221 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	27.7	327.8	339.0	1907
3222 >E	Roseton 345kV Voltage	Marcy South S.	22.1	327.8	319.0	3215
3223 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	23.6	327.8	327.8	3223
3224 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	23.6	327.8	327.8	2988
3224 >E	Ladentown 345kV Voltage	SBK Princetown 345	23.6	327.8	327.7	2989
3233 >E	Bowline 1 345kV Voltage	SBK Edic R945	23.6	327.8	345.7	2074
3233 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	23.6	327.8	345.7	2074
3234 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	22.7	327.8	328.9	3182
3236 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	25.1	327.8	344.0	1908
3244 >E	Bowline 1 345kV Voltage	SBK Edic R70	23.1	327.8	328.4	3180
3244 >E	Bowline 2 345kV Voltage	SBK Edic R945	23.6	327.8	346.8	2076
3244 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	22.6	327.8	328.9	3192
3244 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	23.6	327.8	346.8	2076
3254 >E	Bowline 2 345kV Voltage	SBK Edic R70	23.1	327.8	328.4	3188
3259 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	23.5	327.8	327.8	3259
3259 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	23.5	327.8	327.8	3021
3260 >E	Bowline 1 345kV Voltage	SBK Princetown 345	23.5	327.8	327.8	3021
3270 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	23.5	327.8	327.8	3270

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3270 >E	Bowline 2 345kV Voltage	361-362 D1b Ckt Twr 345	23.5	327.8	327.8	3031
3270 >E	Bowline 2 345kV Voltage	SBK Princetown 345	23.5	327.8	327.8	3031
3273 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	25.0	327.8	345.1	1911
3285 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	25.0	327.8	346.2	1913
3303 >E	Leeds 345kV Voltage	Ph2 DC 1500	23.4	327.8	327.8	3054
3324 >E	Buchanan South 345kV Voltage	Marcy South S.	30.7	327.8	313.7	3223
3329 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	30.9	327.8	324.8	2768
3342 >E	Fraser 345kV Voltage	Marcy South N.	29.9	327.8	327.8	4048
3385 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	29.3	327.8	342.7	2111
3385 >E	Roseton 345kV Voltage	SBK Edic R945	29.3	327.8	342.7	2111
3388 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	31.5	327.8	323.3	3068
3415 >E	Buchanan North 345kV Voltage	Marcy South S.	36.4	327.8	308.1	3229
3427 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	33.0	327.8	337.4	2121
3427 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	33.0	327.8	337.4	2121
3437 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	31.1	327.8	341.9	1927
3457 >E	Gardenville 230kV Voltage	SBK Marcy R3108	34.3	207	229.5	2817
3483 >E	Niagara 345kV Voltage	SBK Edic R945	31.4	327.8	388.9	2134
3483 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	31.4	327.8	388.9	2134
3491 >E	Gilboa 345kV Voltage	SBK Marcy R3108	31.6	327.8	333.1	2829
3494 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	35.4	327.8	336.2	1932
3503 >E	Ramapo 500kV Voltage	SBK Marcy R3108	100.3	500	502.6	2834
3512 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	37.3	327.8	324.7	3088
3523 >E	Rock Tavern 345kV Voltage	Marcy South S.	28.9	327.8	275.3	3237
3528 >E	Watercure 230kV Voltage	Marcy South N.	50.7	207	232.2	4209
3558 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	49.8	327.8	327.7	3095
3558 >E	Coopers Corners 345kV Voltage	Marcy South S.	22.8	327.8	154.0	3240
3633 >E	Gilboa 345kV Voltage	Marcy South N.	39.2	327.8	338.3	4299
3636 >E	Millwood 345kV Voltage	Ph2 DC 1500	49.9	327.8	325.5	3107
3664 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	58.7	327.8	325.1	3112
3667 >E	Ramapo 500kV Voltage	Marcy South N.	128.9	500	502.9	4329
3671 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	59.2	327.8	325.0	3113
3676 >E	Watercure 230kV Voltage	Ph2 DC 1500	46.1	207	216.2	3114
3677 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	48.7	327.8	326.7	3114
3738 >E	Ramapo 345kV Voltage	Ph2 DC 1500	48.2	327.8	327.5	3124
3747 >E	Roseton 345kV Voltage	Ph2 DC 1500	42.6	327.8	323.9	3125
3770 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	41.5	327.8	399.5	1957
3792 >E	Ladentown 345kV Voltage	Marcy South S.	42.4	327.8	292.4	3257
3792 >E	Ramapo 345kV Voltage	Marcy South S.	43.3	327.8	291.2	3257
3794 >E	Ladentown 345kV Voltage	Ph2 DC 1500	47.7	327.8	328.8	3132
3868 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	47.6	327.8	328.7	3144

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3890 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	47.6	327.8	331.1	3148
3988 >E	Bowline 1 345kV Voltage	Marcy South S.	47.1	327.8	283.6	3272
3994 >E	Rainey 345kV Voltage	Ravenswood 3	65.7	327.8	340.8	3949
3999 >E	Bowline 2 345kV Voltage	Marcy South S.	46.8	327.8	283.4	3273
4026 >E	Leeds 345kV Voltage	Marcy South N.	51.2	327.8	342.7	4641
4070 >E	Farragut 345kV Voltage	Ravenswood 3	69.1	327.8	340.0	4016
4077 >E	Leeds 345kV Voltage	SBK Edic R945	49.6	327.8	327.8	2279
4077 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	49.6	327.8	327.8	2279
4077 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	49.6	327.8	327.8	1986
4279 >E	Rainey 345kV Voltage	Pre-Fault	100.0	NA	338	4279
4282 >E	Farragut 345kV Voltage	Pre-Fault	103.6	NA	338	4282
4406 >E	Coopers Corners 345kV Voltage	Marcy South N.	65.1	327.8	303.5	4969
4442 >E	Niagara 345kV Voltage	Marcy South N.	69.0	327.8	348.3	5000
4555 >E	Rainey 345kV Voltage	Volney-Marcy	71.8	327.8	328.0	3776
4588 >E	Farragut 345kV Voltage	Volney-Marcy	74.5	327.8	328.0	3797
4591 >E	Leeds 345kV Voltage	SBK Marcy R3108	66.6	327.8	327.8	3243
4689 >E	Niagara 230kV East Voltage	Marcy South N.	152.6	218.5	230.1	5214
4689 >E	Niagara 230kV West Voltage	Marcy South N.	152.6	218.5	230.1	5214
4706 >E	Goethals 345kV Voltage	Ravenswood 3	94.5	327.8	339.0	4584
4751 >E	Pleasant Valley 345kV Voltage	Marcy South N.	94.1	327.8	338.0	5268
4845 >E	Goethals 345kV Voltage	Pre-Fault	142.0	NA	338	4845
4864 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	87.6	327.8	324.2	3345
5131 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	103.1	327.8	328.5	3446
5163 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	95.0	327.8	329.2	5058
5202 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	98.4	327.8	329.1	5096
5245 >E	Goethals 345kV Voltage	Volney-Marcy	101.0	327.8	328.0	4206
5266 >E	Rainey 345kV Voltage	SBK Edic R70	98.9	327.8	328.1	4873
5286 >E	Rainey 345kV Voltage	SBK Edic R945	99.6	327.8	339.2	2572
5287 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	99.6	327.8	339.1	2572
5299 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	100.0	327.8	327.8	5299
5304 >E	Farragut 345kV Voltage	SBK Edic R70	102.4	327.8	328.1	4904
5334 >E	Farragut 345kV Voltage	SBK Edic R945	103.4	327.8	339.0	2584
5335 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	103.5	327.8	339.0	2584
5338 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	103.6	327.8	327.8	5338
5355 >E	Rainey 345kV Voltage	Marcy South S.	101.5	327.8	317.0	3373
5357 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	101.9	327.8	327.2	4938
5358 >E	Rainey 345kV Voltage	SBK Princetown 345	101.9	327.8	327.2	4939
5395 >E	Farragut 345kV Voltage	SBK Princetown 345	105.4	327.8	327.3	4973
5397 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	105.4	327.8	327.2	4974

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\55_OS\Sum2023_CEVC_PH2_00_55_OS.xlsx

1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5407 >E	Farragut 345kV Voltage	Marcy South S.	105.5	327.8	317.1	3377
5429 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	104.6	327.8	338.3	2110
5480 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	108.7	327.8	338.2	2115
5768 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	156.6	327.8	326.4	3685
5935 >E	Roseton 345kV Voltage	SBK Marcy R3108	122.8	327.8	325.7	3748
6098 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	134.5	327.8	329.2	5968
6111 >E	Roseton 345kV Voltage	Marcy South N.	130.1	327.8	332.9	6447
6117 >E	Gardenville 230kV Voltage	Marcy South N.	143.0	207	232.8	6451
6208 >E	Millwood 345kV Voltage	Marcy South N.	173.4	327.8	331.9	6530
6250 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	140.3	327.8	338.9	2806
6250 >E	Goethals 345kV Voltage	SBK Edic R945	140.3	327.8	338.9	2806
6255 >E	Goethals 345kV Voltage	SBK Edic R70	140.7	327.8	328.1	5700
6294 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	142.0	327.8	327.8	6294
6295 >E	Millwood 345kV Voltage	SBK Marcy R3108	176.8	327.8	324.9	3883
6344 >E	Goethals 345kV Voltage	Marcy South S.	143.3	327.8	317.2	3447
6362 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	144.3	327.8	327.3	5856
6363 >E	Goethals 345kV Voltage	SBK Princetown 345	144.3	327.8	327.3	5857
6373 >E	Ramapo 345kV Voltage	SBK Marcy R3108	152.7	327.8	326.0	3913
6399 >E	Rock Tavern 345kV Voltage	Marcy South N.	136.5	327.8	318.5	6696
6438 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	147.3	327.8	338.1	2204
6438 >E	Buchanan North 345kV Voltage	Marcy South N.	183.9	327.8	328.3	6730
6439 >E	Sprain Brook 345kV Voltage	Marcy South N.	209.6	327.8	330.8	6730
6442 >E	Dunwoodie 345kV Voltage	Marcy South N.	211.0	327.8	330.8	6733
6474 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	171.7	327.8	325.4	3951
6538 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	216.4	327.8	324.1	3975
6572 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	219.7	327.8	324.0	3987
6699 >E	Buchanan South 345kV Voltage	Marcy South N.	180.5	327.8	330.9	6956
7065 >E	Ladentown 345kV Voltage	SBK Marcy R3108	172.0	327.8	326.0	4173
7543 >E	Ramapo 345kV Voltage	Marcy South N.	193.5	327.8	326.2	7687
7784 >E	Rainey 345kV Voltage	Ph2 DC 1500	192.4	327.8	324.2	3767
7841 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	190.3	327.8	325.9	4464
7849 >E	Farragut 345kV Voltage	Ph2 DC 1500	198.8	327.8	324.4	3777
7893 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	189.3	327.8	325.8	4484
8079 >E	Ladentown 345kV Voltage	Marcy South N.	206.4	327.8	327.9	8151
9010 >E	Bowline 1 345kV Voltage	Marcy South N.	228.3	327.8	327.9	8958
9070 >E	Bowline 2 345kV Voltage	Marcy South N.	227.0	327.8	328.0	9009
9170 >E	Northport 138kV Voltage	Volney-Marcy	512.7	131.1	131.1	6653
9466 >E	Goethals 345kV Voltage	Ph2 DC 1500	264.3	327.8	324.9	4034
9987 >E	Northport 138kV Voltage	Pre-Fault	832.7	NA	135	9987
11194	Northport 138kV Voltage	Marcy South S.	671.8	131.1	127.2	3806

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
11678	Northport 138kV Voltage	Ravenswood 3	726.0	131.1	133.0	10800
>E						
12765	Northport 138kV Voltage	N.Scot-Leeds 345	795.9	131.1	131.7	12452
>E						
13140	Northport 138kV Voltage	SBK Edic R70	825.5	131.1	131.2	11465
>E						
13234	Northport 138kV Voltage	Princetown-N.Scot 345	832.7	131.1	131.1	13234
>E						
13493	Northport 138kV Voltage	SBK Princetown 345	852.3	131.1	130.8	12373
>E						
13525	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	854.8	131.1	130.8	12402
>E						
21394	Rainey 345kV Voltage	SBK Marcy R3108	696.2	327.8	321.9	9558
>E						
21599	Farragut 345kV Voltage	SBK Marcy R3108	718.1	327.8	322.2	9635
>E						
21652	Rainey 345kV Voltage	Marcy South N.	705.0	327.8	332.8	19907
>E						
21734	Farragut 345kV Voltage	Marcy South N.	722.7	327.8	332.7	19979
>E						
22299	Northport 138kV Voltage	Ph2 DC 1500	1543.1	131.1	125.8	6075
>E						
28966	Goethals 345kV Voltage	Marcy South N.	1012.3	327.8	333.0	26243
>E						
29552	Goethals 345kV Voltage	SBK Marcy R3108	1035.7	327.8	321.2	12624
>E						
99998	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
>E						
99998	St.Lawrence 230kV Voltage	Ph2 DC 1500	NA	218.5	NA	99998
>E						
99998	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

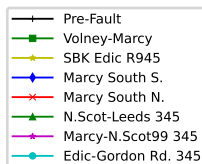
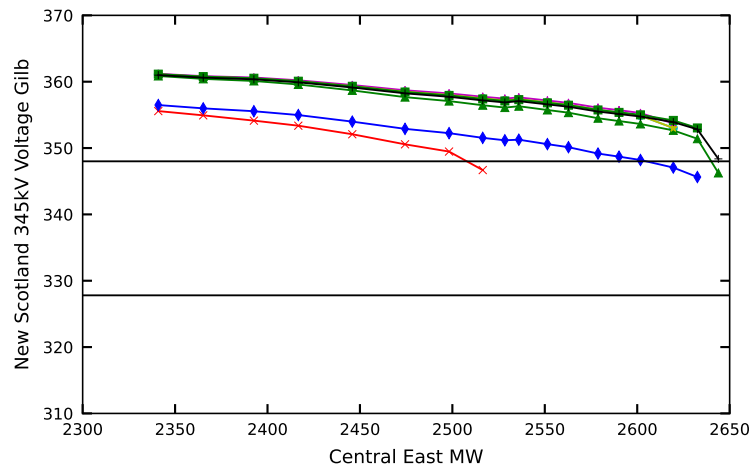
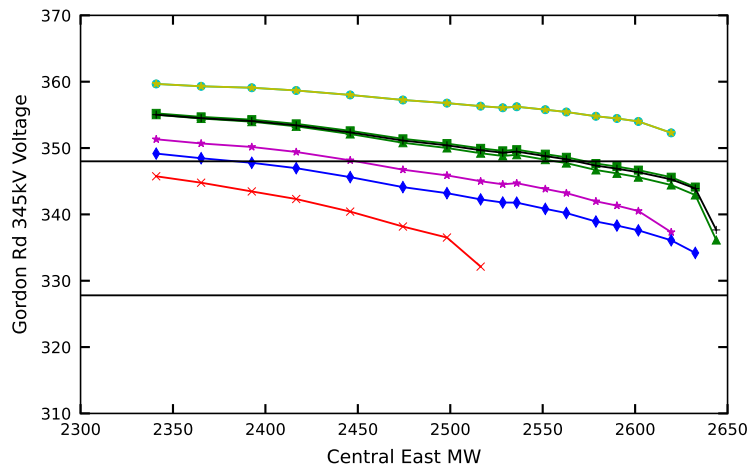
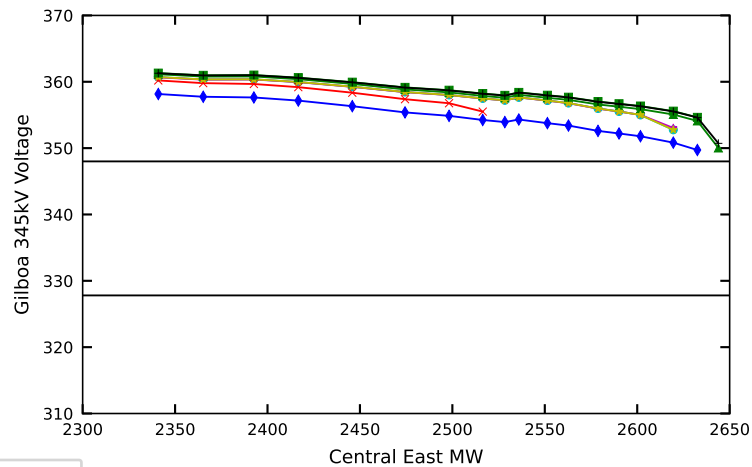
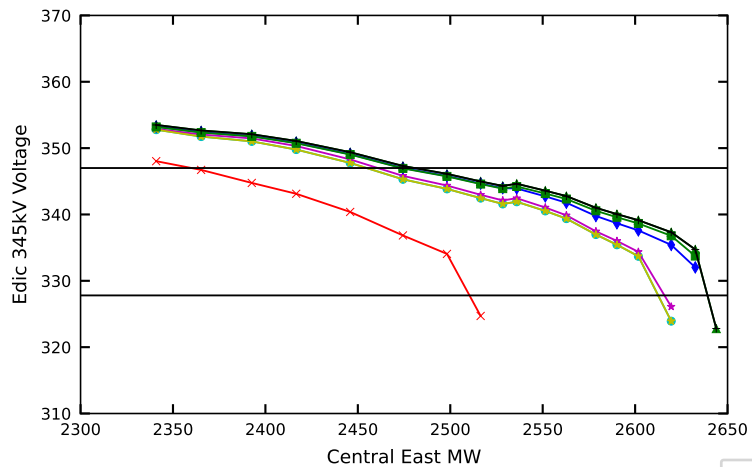
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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 00 55_OS

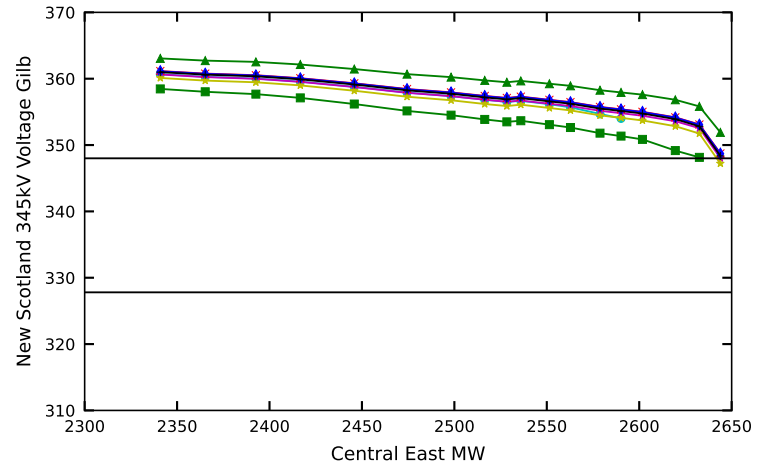
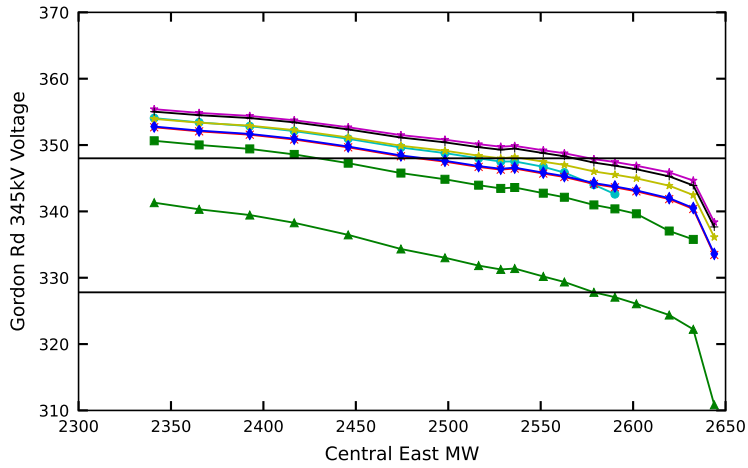
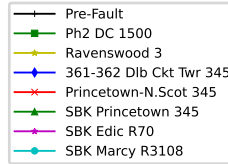
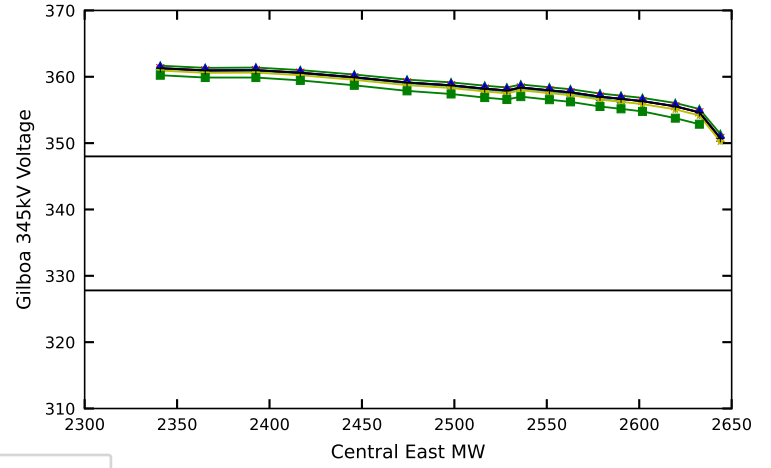
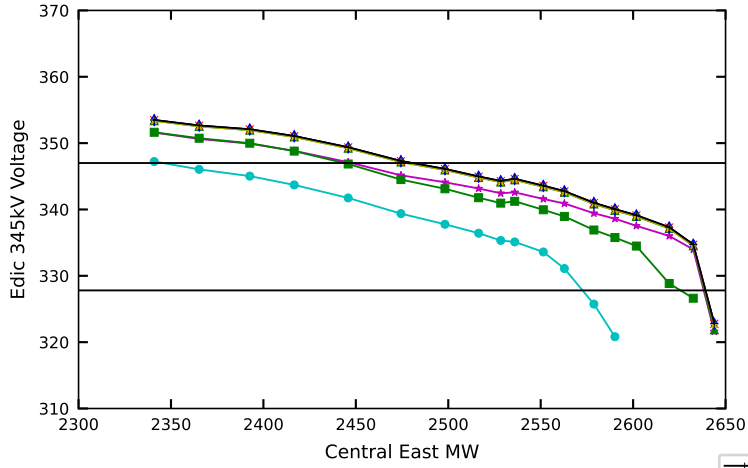
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 230kV East Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
99998 >E	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99999 >E	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99999
99999 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

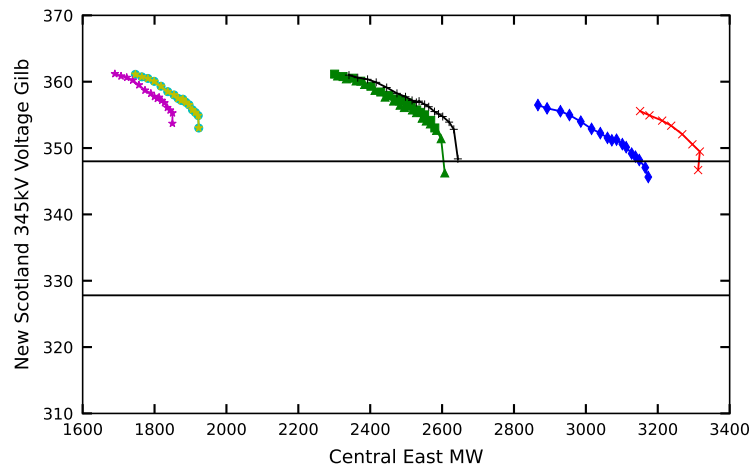
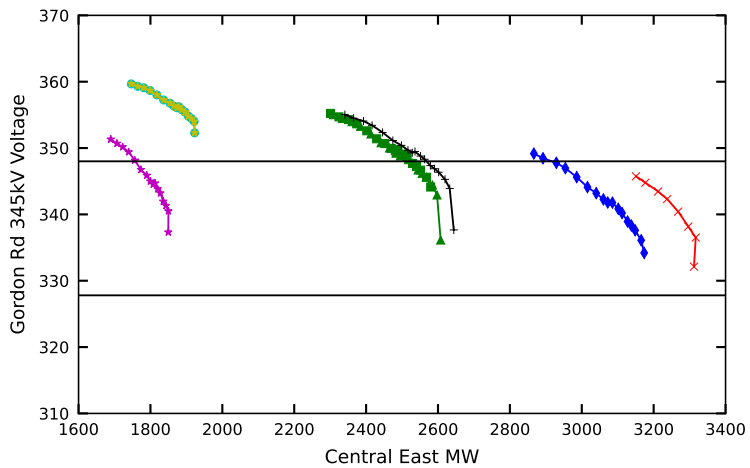
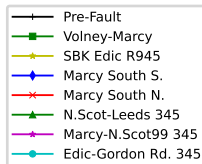
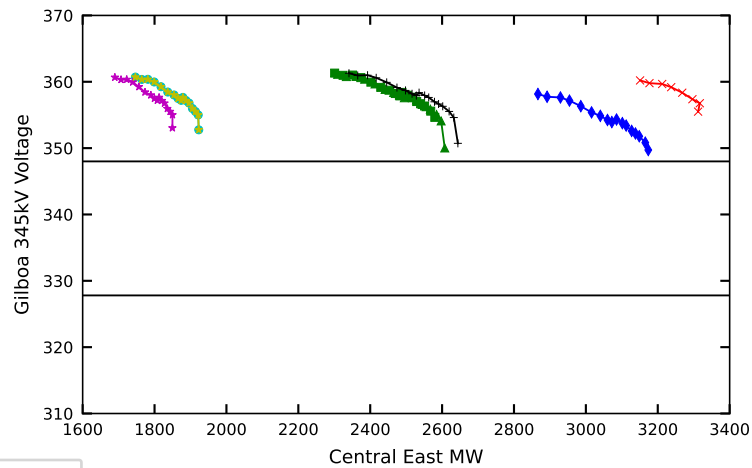
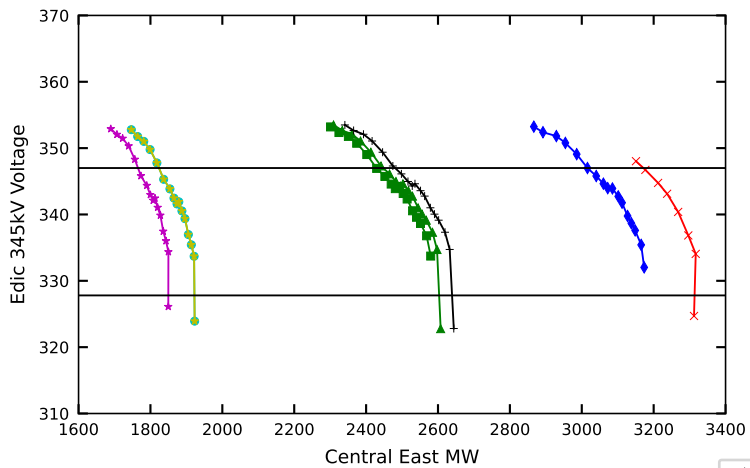
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS Figure 1



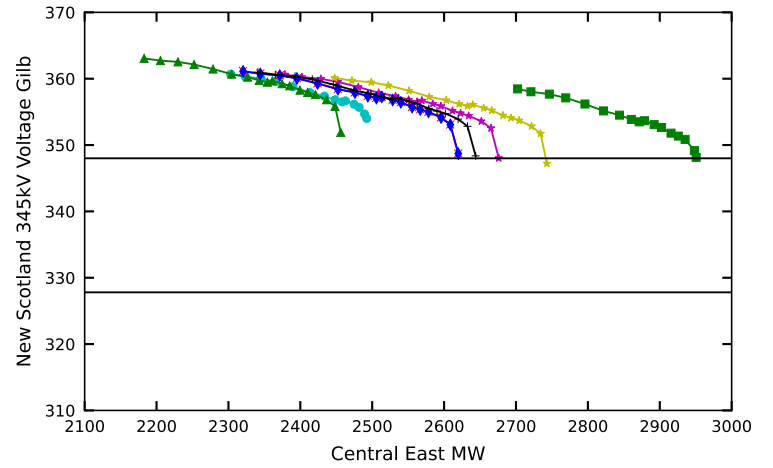
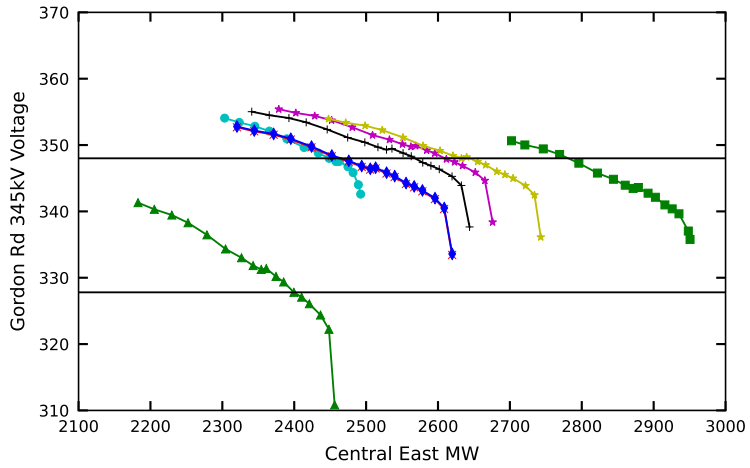
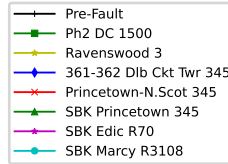
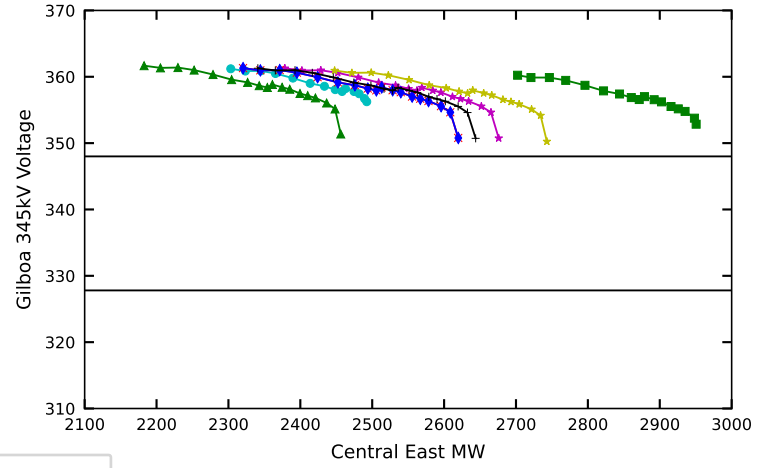
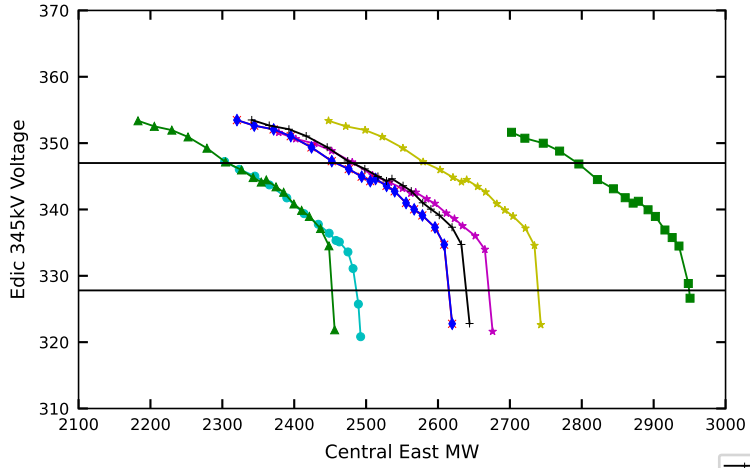
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS Figure 2



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS Figure 1



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\361_OS\Sum2023_CEVC_PH2_00_361_OS.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2340	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2365	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2392	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2416	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2445	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2474	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2498	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2516	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2528	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2535	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2551	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2562	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2578	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2590	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2601	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	5															
2619	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	6															
2632	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	7															
2643	t1	0	2	2	0	2	1	2	2	2	0	0	0	0	0	2
	8															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\361_OS\Sum2023_CEVC_PH2_00_361_OS.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17	t18
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2373	limit with 5% margin	Marcy South N.	NA	NA	NA	3151
2460	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2367
2465 >E	Dunwoodie 345kV Voltage	Pre-Fault	55.2	NA	348	2465
2466	Marcy 345kV Voltage	Pre-Fault	13.7	NA	348	2466
2471	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1757
2471 >E	Sprain Brook 345kV Voltage	Pre-Fault	54.9	NA	348	2471
2472	Pannell Road 345kV Voltage	Pre-Fault	24.2	NA	346	2472
2475	Clay 345kV Voltage	Pre-Fault	23.0	NA	345	2475
2477	Station 80 345kV Voltage	Pre-Fault	38.4	NA	346	2477
2480	Edic 345kV Voltage	Pre-Fault	20.0	NA	347	2480
2488	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1826
2488	limit with 5% margin	SBK Edic R945	NA	NA	NA	1826
2500	limit with 5% margin	Marcy South S.	NA	NA	NA	3014
2500	limit with 5% margin	Volney-Marcy	NA	NA	NA	2450
2500	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2803
2511	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2477
2511	limit with 5% margin	SBK Edic R70	NA	NA	NA	2542
2511	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2333
2511	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2488
2511	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2488
2511	limit with 5% margin	Ravenswood 3	NA	NA	NA	2605
2530 >E	Clay 345kV Voltage	Marcy South N.	9.0	327.8	342.6	3344
2551 >E	Edic 345kV Voltage	Marcy South N.	8.6	327.8	343.4	3363
2556 >E	Marcy 345kV Voltage	Marcy South N.	8.6	327.8	343.4	3367
2567	Clay 345kV Voltage	SBK Marcy R3108	2.6	327.8	340.6	2483
2568	Gordon Rd 345kV Voltage	Pre-Fault	16.7	NA	348	2568
2572	Edic 345kV Voltage	SBK Marcy R3108	3.0	327.8	341.7	2486
2578	Gordon Rd 345kV Voltage	SBK Princetown 345	15.5	327.8	347.4	2399
2597 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.3	327.8	341.4	2494
2609	Clay 345kV Voltage	Edic-Gordon Rd. 345	1.8	327.8	336.9	1922
2609	Clay 345kV Voltage	SBK Edic R945	1.8	327.8	336.9	1922
2612	Marcy 345kV Voltage	Edic-Gordon Rd. 345	1.8	327.8	338.2	1922
2612	Marcy 345kV Voltage	SBK Edic R945	1.8	327.8	338.2	1922
2612	Edic 345kV Voltage	Edic-Gordon Rd. 345	1.8	327.8	338.0	1922
2612	Edic 345kV Voltage	SBK Edic R945	1.8	327.8	338.0	1922
2613 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.1	327.8	341.8	2498
2621	Millwood 345kV Voltage	Pre-Fault	48.0	NA	348	2621
2623 >E	Gordon Rd 345kV Voltage	Marcy South N.	14.4	327.8	346.6	3425
2623	Clay 345kV Voltage	Ph2 DC 1500	4.8	327.8	335.4	2948
2625	Edic 345kV Voltage	Ph2 DC 1500	5.9	327.8	336.1	2949

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2627	Marcy 345kV Voltage	Ph2 DC 1500	6.0	327.8	335.8	2949
2632 >E	Clay 345kV Voltage	Volney-Marcy	3.4	327.8	333.7	2580
2633 >E	Pannell Road 345kV Voltage	SBK Edic R945	3.4	327.8	339.9	1924
2633 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	339.9	1924
2633 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	6.6	327.8	334.6	1868
2637	Clay 345kV Voltage	SBK Edic R70	0.9	327.8	328.8	2669
2637	Clay 345kV Voltage	SBK Princetown 345	0.9	327.8	328.7	2451
2637	Clay 345kV Voltage	Ravenswood 3	0.9	327.8	328.3	2738
2637	Clay 345kV Voltage	N.Scot-Leeds 345	0.9	327.8	327.9	2602
2637	Clay 345kV Voltage	Princetown-N.Scot 345	0.9	327.8	327.9	2613
2637	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	0.9	327.8	327.9	2613
2638	Edic 345kV Voltage	SBK Edic R70	0.9	327.8	328.8	2670
2638	Edic 345kV Voltage	SBK Princetown 345	0.9	327.8	328.4	2452
2638 >E	Pannell Road 345kV Voltage	Marcy South N.	14.9	327.8	341.5	3438
2638	Marcy 345kV Voltage	SBK Princetown 345	0.9	327.8	328.2	2452
2638	Edic 345kV Voltage	Ravenswood 3	1.0	327.8	328.0	2739
2639	Edic 345kV Voltage	Princetown-N.Scot 345	1.0	327.8	327.8	2614
2639	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	1.0	327.8	327.8	2615
2639	Edic 345kV Voltage	N.Scot-Leeds 345	1.0	327.8	327.8	2603
2639	Marcy 345kV Voltage	SBK Edic R70	1.0	327.8	327.8	2671
2639	Marcy 345kV Voltage	Princetown-N.Scot 345	1.0	327.8	327.8	2615
2639	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	1.0	327.8	327.8	2615
2639	Marcy 345kV Voltage	Ravenswood 3	1.0	327.8	327.8	2739
2639	Marcy 345kV Voltage	N.Scot-Leeds 345	1.0	327.8	327.8	2603
2639	Oakdale 345kV Voltage	Pre-Fault	1.1	NA	335	2639
2643	Buchanan North 345kV Voltage	Pre-Fault	9.2	NA	346	2643
2644 >E	New Scotland 345kV Voltage Alps	Pre-Fault	2.5	NA	348	2644
2644 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	2.5	NA	348	2644
2646 >E	Clay 345kV Voltage	Marcy South S.	4.0	327.8	331.2	3182
2647 >E	Fraser 345kV Voltage	Pre-Fault	1.4	NA	338	2647
2647 >E	St.Lawrence 230kV Voltage	Pre-Fault	3.3	NA	225	2647
2647 >E	Oakdale 345kV Voltage	SBK Edic R945	2.3	320	340.7	1925
2647 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.4	320	340.7	1925
2648 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	335.5	1876
2648 >E	Edic 345kV Voltage	Marcy South S.	3.8	327.8	331.5	3183
2648 >E	Station 80 345kV Voltage	SBK Edic R945	4.3	327.8	341.3	1925
2649 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	341.3	1925
2650 >E	Marcy 345kV Voltage	Marcy South S.	3.8	327.8	331.3	3185

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2651 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.8	320	342.4	2509
2651 >E	Gilboa 345kV Voltage	Pre-Fault	2.9	NA	348	2651
2652 >E	Pannell Road 345kV Voltage	SBK Princetown 345	1.8	327.8	329.1	2461
2652 >E	Pannell Road 345kV Voltage	SBK Edic R70	1.9	327.8	328.7	2684
2653 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	1.6	327.8	332.6	2628
2653 >E	Pannell Road 345kV Voltage	Ravenswood 3	1.9	327.8	328.4	2750
2653 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	1.6	327.8	332.4	2629
2653 >E	Coopers Corners 345kV Voltage	Pre-Fault	2.1	NA	338	2653
2653 >E	Oakdale 345kV Voltage	SBK Princetown 345	1.1	320	321.8	2463
2654 >E	Rock Tavern 345kV Voltage	Pre-Fault	5.1	NA	348	2654
2654 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	7.1	327.8	335.2	1880
2654 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	2.0	327.8	327.9	2616
2654 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	2.0	327.8	327.9	2629
2654 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	2.0	327.8	327.9	2629
2654 >E	Oakdale 345kV Voltage	Ravenswood 3	1.1	320	321.2	2751
2655 >E	Oakdale 345kV Voltage	SBK Edic R70	1.1	320	320.4	2686
2655 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	1.1	320	320.2	2617
2655 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	1.1	320	320.2	2631
2655 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	1.1	320	320.2	2631
2656 >E	Pleasant Valley 345kV Voltage	Pre-Fault	7.1	NA	348	2656
2657 >E	Edic 345kV Voltage	Volney-Marcy	4.3	327.8	329.7	2601
2657 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	1.7	327.8	330.0	2619
2658 >E	Gordon Rd 345kV Voltage	Ravenswood 3	1.8	327.8	329.5	2754
2661 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	1.4	327.8	327.8	2623
2661 >E	Fraser 345kV Voltage	SBK Edic R70	1.4	327.8	327.8	2692
2661 >E	Fraser 345kV Voltage	SBK Princetown 345	1.4	327.8	327.8	2468
2661 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	1.4	327.8	327.8	2636
2661 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	1.4	327.8	327.8	2636
2661 >E	Fraser 345kV Voltage	Ravenswood 3	1.4	327.8	327.8	2756
2661 >E	Marcy 345kV Voltage	Volney-Marcy	4.4	327.8	329.0	2605
2663 >E	Gordon Rd 345kV Voltage	SBK Edic R70	1.8	327.8	327.1	2694
2663 >E	Station 80 345kV Voltage	SBK Princetown 345	2.5	327.8	329.3	2469
2663 >E	Buchanan South 345kV Voltage	Pre-Fault	8.9	NA	346	2663
2664 >E	Station 80 345kV Voltage	SBK Edic R70	2.6	327.8	328.9	2695
2665 >E	Station 80 345kV Voltage	Ravenswood 3	2.7	327.8	328.6	2759
2665 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.6	327.8	333.2	1886
2666 >E	St.Lawrence 230kV Voltage	Ravenswood 3	3.2	218.5	219.2	2760

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2667 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	2.8	327.8	327.9	2627
2667 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	2.8	327.8	327.9	2642
2667 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	2.8	327.8	327.9	2642
2667 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	3.2	218.5	218.8	2472
2668 >E	Fraser 345kV Voltage	SBK Edic R945	3.0	327.8	346.0	1927
2668 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	346.0	1927
2668 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	3.3	218.5	218.5	2643
2668 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	3.3	218.5	218.5	2643
2668 >E	Coopers Corners 345kV Voltage	Ravenswood 3	2.0	327.8	330.6	2762
2668 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	3.3	218.5	218.5	2629
2669 >E	St.Lawrence 230kV Voltage	SBK Edic R70	3.3	218.5	218.3	2700
2670 >E	Niagara 230kV East Voltage	Pre-Fault	5.4	NA	225	2670
2670 >E	Niagara 230kV West Voltage	Pre-Fault	5.4	NA	225	2670
2671 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	2.0	327.8	329.3	2475
2671 >E	Coopers Corners 345kV Voltage	SBK Edic R70	2.0	327.8	329.2	2702
2673 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	2.1	327.8	328.3	2633
2674 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	2.1	327.8	328.0	2649
2674 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	2.1	327.8	328.0	2649
2675 >E	Ramapo 500kV Voltage	Ravenswood 3	9.9	500	504.9	2767
2676 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	6.7	327.8	332.5	1893
2676 >E	Gordon Rd 345kV Voltage	Marcy South S.	6.9	327.8	339.3	3201
2679 >E	Pannell Road 345kV Voltage	Volney-Marcy	6.1	327.8	334.1	2620
2680 >E	Coopers Corners 345kV Voltage	SBK Edic R945	4.6	327.8	345.5	1928
2680 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.6	327.8	345.5	1928
2682 >E	Ramapo 345kV Voltage	Pre-Fault	8.7	NA	346	2682
2684 >E	Station 80 345kV Voltage	Marcy South N.	16.8	327.8	340.6	3478
2684 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	2.2	327.8	332.4	2643
2684 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	2.2	327.8	332.4	2643
2685 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	8.6	327.8	333.5	2960
2692 >E	Leeds 345kV Voltage	Pre-Fault	5.1	NA	345	2692
2692 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	2.5	327.8	329.2	2780
2692 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	2.5	327.8	329.2	2780
2693 >E	Ladentown 345kV Voltage	Pre-Fault	8.7	NA	346	2693
2694 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	2.5	327.8	328.3	2724
2694 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	2.5	327.8	328.3	2724
2698 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	2.6	327.8	327.1	2672
2698 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr	2.6	327.8	327.1	2672

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2698 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	2.6	327.8	327.0	2672
2698 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	2.6	327.8	327.0	2672
2699 >E	Pannell Road 345kV Voltage	Marcy South S.	7.2	327.8	332.0	3216
2700 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.5	218.5	228.3	1929
2700 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	8.5	218.5	228.3	1929
2701 >E	Niagara 230kV East Voltage	Ravenswood 3	5.2	218.5	219.2	2787
2701 >E	Niagara 230kV West Voltage	Ravenswood 3	5.2	218.5	219.2	2787
2701 >E	Roseton 345kV Voltage	Pre-Fault	7.7	NA	345	2701
2702 >E	Niagara 230kV East Voltage	SBK Princetown 345	5.2	218.5	219.1	2497
2702 >E	Niagara 230kV West Voltage	SBK Princetown 345	5.2	218.5	219.1	2497
2702 >E	Niagara 230kV East Voltage	SBK Edic R70	5.2	218.5	219.0	2731
2702 >E	Niagara 230kV West Voltage	SBK Edic R70	5.2	218.5	219.0	2731
2704 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	5.4	218.5	218.5	2661
2704 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	5.4	218.5	218.5	2661
2705 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	5.4	218.5	218.5	2679
2705 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	5.4	218.5	218.5	2679
2705 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr	5.4	218.5	218.5	2679
		345				
2705 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr	5.4	218.5	218.5	2679
		345				
2705 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	2.8	327.8	329.5	2662
2708 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	8.0	327.8	342.0	2525
2709 >E	Gilboa 345kV Voltage	Ravenswood 3	2.9	327.8	328.4	2793
2709 >E	Oakdale 345kV Voltage	Marcy South N.	13.2	320	344.9	3500
2710 >E	Station 80 345kV Voltage	Volney-Marcy	7.8	327.8	334.4	2647
2710 >E	Gilboa 345kV Voltage	SBK Edic R70	2.9	327.8	327.8	2739
2711 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr	2.9	327.8	327.6	2685
		345				
2711 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	2.9	327.8	327.6	2685
2712 >E	Oakdale 345kV Voltage	Volney-Marcy	4.5	320	327.5	2649
2713 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	2.9	327.8	320.9	2505
2713 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	2.9	327.8	320.9	2505
2714 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	10.3	327.8	335.3	2965
2714 >E	Gilboa 345kV Voltage	SBK Princetown 345	3.0	327.8	326.4	2506
2716 >E	Bowline 1 345kV Voltage	Pre-Fault	8.7	NA	345	2716
2719 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.3	320	326.3	2966
2720 >E	Bowline 2 345kV Voltage	Pre-Fault	8.7	NA	345	2720
2722 >E	Station 80 345kV Voltage	Ph2 DC 1500	11.2	327.8	333.5	2967
2724 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	10.5	500	500.4	2678
2725 >E	Ramapo 500kV Voltage	SBK Princetown 345	10.7	500	500.3	2513

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2725 >E	Ramapo 500kV Voltage	SBK Edic R70	10.7	500	500.2	2753
2728 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	10.8	500	500.0	2701
2728 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	10.8	500	500.0	2701
2728 >E	Ramapo 500kV Voltage	Pre-Fault	10.8	NA	500	2728
2734 >E	Dunwoodie 345kV Voltage	Ravenswood 3	9.2	327.8	335.2	2812
2735 >E	Sprain Brook 345kV Voltage	Ravenswood 3	9.2	327.8	335.2	2813
2735 >E	Oakdale 345kV Voltage	Marcy South S.	5.0	320	323.6	3239
2736 >E	Station 80 345kV Voltage	Marcy South S.	9.3	327.8	332.4	3240
2737 >E	Marcy 345kV Voltage	SBK Marcy R3108	11.9	327.8	327.8	2533
2738 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	7.0	320	332.5	1928
2738 >E	Rock Tavern 345kV Voltage	Ravenswood 3	4.9	327.8	331.5	2815
2741 >E	Somerset 345kV Voltage	Pre-Fault	8.3	NA	338	2741
2743 >E	Somerset 345kV Voltage	SBK Marcy R3108	8.0	327.8	348.5	2534
2750 >E	Millwood 345kV Voltage	Ravenswood 3	8.2	327.8	334.7	2824
2751 >E	Buchanan North 345kV Voltage	Ravenswood 3	8.4	327.8	334.2	2825
2753 >E	Rock Tavern 345kV Voltage	SBK Edic R70	5.0	327.8	328.4	2780
2753 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	328.4	2705
2754 >E	Rock Tavern 345kV Voltage	SBK Princeton 345	5.0	327.8	328.3	2533
2756 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	327.8	2729
2756 >E	Rock Tavern 345kV Voltage	Princeton-N.Scot 345	5.1	327.8	327.8	2729
2765 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	7.7	327.8	332.2	1944
2765 >E	Buchanan South 345kV Voltage	Ravenswood 3	8.1	327.8	334.5	2836
2774 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	6.9	327.8	331.4	2843
2775 >E	Gordon Rd 345kV Voltage	Volney-Marcy	8.8	327.8	328.8	2704
2778 >E	Fraser 345kV Voltage	Marcy South S.	7.1	327.8	327.8	3267
2778 >E	Fraser 345kV Voltage	Volney-Marcy	7.1	327.8	327.8	2707
2778 >E	Fraser 345kV Voltage	Ph2 DC 1500	7.1	327.8	327.8	2977
2780 >E	Leeds 345kV Voltage	Ravenswood 3	5.1	327.8	327.8	2847
2780 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	5.1	327.8	327.8	2728
2780 >E	Leeds 345kV Voltage	Princeton-N.Scot 345	5.1	327.8	327.8	2752
2780 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	327.8	2752
2780 >E	Leeds 345kV Voltage	SBK Edic R70	5.1	327.8	327.8	2805
2780 >E	Leeds 345kV Voltage	SBK Princeton 345	5.1	327.8	327.8	2551
2782 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	14.3	327.8	338.0	1954
2783 >E	Watercure 230kV Voltage	SBK Edic R945	7.8	207	231.6	1936
2783 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	7.8	207	231.6	1936
2790 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	329.1	2738
2791 >E	St.Lawrence 230kV Voltage	Marcy South S.	14.4	218.5	220.1	3275

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2793 >E	Ramapo 345kV Voltage	Ravenswood 3	8.1	327.8	333.1	2858
2794 >E	St.Lawrence 230kV Voltage	Volney-Marcy	15.2	218.5	219.9	2720
2795 >E	New Scotland 345kV Voltage Alps	Marcy South S.	9.1	327.8	339.2	3278
2795 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	9.1	327.8	339.2	3278
2795 >E	Somerset 345kV Voltage	SBK Princetown 345	7.1	327.8	331.5	2562
2798 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	7.1	327.8	328.0	2822
2799 >E	Ladentown 345kV Voltage	Ravenswood 3	8.1	327.8	333.8	2862
2801 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	7.2	327.8	327.6	2773
2801 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	7.2	327.8	327.6	2773
2804 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	8.9	327.8	328.5	2749
2804 >E	Somerset 345kV Voltage	SBK Edic R70	7.5	327.8	330.4	2828
2805 >E	Ramapo 500kV Voltage	SBK Edic R945	25.8	500	506.8	1938
2805 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	10.1	327.8	328.5	2750
2805 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	25.8	500	506.8	1938
2805 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	8.7	327.8	328.6	2751
2805 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	10.1	327.8	328.5	2751
2807 >E	Buchanan North 345kV Voltage	SBK Edic R70	9.1	327.8	328.2	2830
2807 >E	Roseton 345kV Voltage	Ravenswood 3	7.4	327.8	331.2	2869
2808 >E	Somerset 345kV Voltage	Ravenswood 3	7.8	327.8	329.9	2869
2809 >E	Dunwoodie 345kV Voltage	SBK Edic R70	10.4	327.8	328.0	2833
2810 >E	Sprain Brook 345kV Voltage	SBK Edic R70	10.4	327.8	328.0	2833
2810 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	7.4	327.8	326.4	2572
2810 >E	Millwood 345kV Voltage	SBK Edic R70	9.0	327.8	328.1	2834
2810 >E	Niagara 230kV East Voltage	SBK Edic R945	15.4	218.5	226.6	1939
2810 >E	Niagara 230kV West Voltage	SBK Edic R945	15.4	218.5	226.6	1939
2810 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	9.2	327.8	327.8	2782
2810 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	15.4	218.5	226.6	1938
2810 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	15.4	218.5	226.6	1938
2810 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	9.2	327.8	327.8	2782
2812 >E	Buchanan North 345kV Voltage	SBK Princetown 345	9.2	327.8	327.6	2574
2812 >E	Bowline 1 345kV Voltage	Ravenswood 3	8.1	327.8	333.9	2872
2813 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	10.5	327.8	327.7	2784
2813 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	10.5	327.8	327.7	2784
2813 >E	Ramapo 500kV Voltage	Ph2 DC 1500	42.4	500	505.9	2984
2813 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	10.5	327.8	327.7	2785
2813 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	10.5	327.8	327.7	2785
2813 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	9.1	327.8	327.7	2785

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2813 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	327.7	2785
2814 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	9.6	327.8	338.3	1972
2815 >E	Bowline 2 345kV Voltage	Ravenswood 3	8.1	327.8	334.0	2875
2817 >E	Gilboa 345kV Voltage	SBK Edic R945	7.9	327.8	346.9	1939
2817 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	7.9	327.8	346.9	1939
2818 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	8.6	327.8	328.7	2762
2819 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	10.7	327.8	327.2	2578
2819 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	10.6	327.8	327.2	2579
2819 >E	Millwood 345kV Voltage	SBK Princetown 345	9.2	327.8	327.1	2579
2822 >E	Buchanan South 345kV Voltage	SBK Edic R70	8.8	327.8	328.1	2845
2824 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	8.2	327.8	328.1	2767
2824 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	8.3	327.8	328.0	2795
2824 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	8.3	327.8	328.0	2795
2826 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	8.9	327.8	327.7	2797
2826 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	8.9	327.8	327.7	2797
2827 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	7.5	327.8	328.6	2770
2830 >E	Buchanan South 345kV Voltage	SBK Princetown 345	9.0	327.8	327.3	2587
2831 >E	Roseton 345kV Voltage	SBK Edic R70	7.6	327.8	328.1	2853
2833 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	8.2	327.8	331.1	1984
2833 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	8.4	327.8	328.6	2775
2834 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	7.7	327.8	327.7	2805
2834 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	7.7	327.8	327.7	2805
2835 >E	Ramapo 345kV Voltage	SBK Edic R70	8.6	327.8	328.3	2858
2836 >E	Roseton 345kV Voltage	SBK Princetown 345	7.7	327.8	327.4	2591
2839 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	17.5	218.5	220.5	1987
2839 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	17.5	218.5	220.5	1987
2839 >E	Ramapo 345kV Voltage	SBK Princetown 345	8.7	327.8	327.8	2593
2840 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	8.7	327.8	327.8	2810
2840 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	8.7	327.8	327.8	2810
2843 >E	Coopers Corners 345kV Voltage	Volney-Marcy	10.2	327.8	328.1	2763
2844 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	8.4	327.8	328.7	2785
2844 >E	Watercure 230kV Voltage	SBK Marcy R3108	11.8	207	231.6	2563
2847 >E	Ladentown 345kV Voltage	SBK Edic R70	8.6	327.8	328.3	2869
2850 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	14.5	327.8	340.1	1994
2852 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	8.7	327.8	327.8	2822

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2852 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	8.7	327.8	327.8	2822
2853 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	11.9	327.8	327.1	2991
2853 >E	Ladentown 345kV Voltage	SBK Princetown 345	8.8	327.8	327.6	2603
2857 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	8.4	327.8	328.7	2797
2858 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	9.5	327.8	342.6	1943
2858 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	9.5	327.8	342.6	1943
2858 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	9.5	327.8	342.6	1942
2858 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	9.5	327.8	342.6	1942
2861 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	8.4	327.8	328.8	2800
2861 >E	Bowline 1 345kV Voltage	SBK Edic R70	8.6	327.8	328.3	2882
2862 >E	Somerset 345kV Voltage	SBK Edic R945	12.3	327.8	361.9	1943
2863 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	12.4	327.8	361.9	1943
2865 >E	Bowline 2 345kV Voltage	SBK Edic R70	8.6	327.8	328.3	2885
2866 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	8.7	327.8	327.8	2836
2866 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	8.7	327.8	327.8	2836
2867 >E	Bowline 1 345kV Voltage	SBK Princetown 345	8.7	327.8	327.6	2612
2870 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	8.7	327.8	327.8	2840
2870 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	8.7	327.8	327.7	2840
2872 >E	Gordon Rd 345kV Voltage	SBK Edic R945	10.3	327.8	330.0	1944
2872 >E	Bowline 2 345kV Voltage	SBK Princetown 345	8.8	327.8	327.5	2616
2872 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	10.3	327.8	329.9	1944
2889 >E	Gilboa 345kV Voltage	Marcy South S.	11.7	327.8	336.4	3338
2892 >E	Fraser 345kV Voltage	SBK Marcy R3108	12.4	327.8	334.7	2576
2892 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	12.8	327.8	331.2	2998
2892 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	12.8	327.8	331.2	2998
2893 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	27.1	218.5	224.5	2576
2916 >E	Gardenville 230kV Voltage	Pre-Fault	17.1	NA	217	2916
2918 >E	Rock Tavern 345kV Voltage	SBK Edic R945	13.3	327.8	344.3	1948
2918 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	13.3	327.8	344.3	1948
2920 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	11.4	327.8	328.8	2831
2920 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	11.4	327.8	328.8	2831
2971 >E	New Scotland 345kV Voltage Alps	Marcy South N.	21.8	327.8	347.5	3727
2971 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	21.8	327.8	347.5	3727
2990 >E	Gilboa 345kV Voltage	Ph2 DC 1500	14.3	327.8	329.2	3016
3005 >E	Gilboa 345kV Voltage	Volney-Marcy	13.9	327.8	328.2	2905
3027 >E	Niagara 230kV East Voltage	SBK Marcy R3108	32.5	218.5	231.2	2613
3027 >E	Niagara 230kV West Voltage	SBK Marcy R3108	32.5	218.5	231.2	2613
3029 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	16.8	327.8	340.9	2614
3029 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	16.8	327.8	340.9	2614

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3029 >E	Gardenville 230kV Voltage	SBK Princetown 345	15.1	207	210.4	2726
3032 >E	Niagara 345kV Voltage	SBK Marcy R3108	15.8	327.8	353.8	2615
3043 >E	Gardenville 230kV Voltage	Ravenswood 3	15.6	207	209.5	3050
3049 >E	Gardenville 230kV Voltage	SBK Edic R70	15.8	207	209.2	3060
3052 >E	St.Lawrence 230kV Voltage	Marcy South N.	44.2	218.5	226.3	3796
3058 >E	Buchanan North 345kV Voltage	SBK Edic R945	23.4	327.8	338.6	1960
3058 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	23.4	327.8	338.6	1959
3081 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	16.9	207	207.3	2996
3083 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	17.0	207	207.2	3047
3083 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	17.0	207	207.2	3047
3098 >E	Sprain Brook 345kV Voltage	SBK Edic R945	27.4	327.8	334.0	1963
3098 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	27.4	327.8	334.0	1963
3100 >E	Rainey 345kV Voltage	Ravenswood 3	22.5	327.8	340.5	3094
3106 >E	Dunwoodie 345kV Voltage	SBK Edic R945	28.0	327.8	333.9	1964
3107 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	28.0	327.8	333.9	1963
3112 >E	Gardenville 230kV Voltage	SBK Edic R945	19.9	207	229.5	1964
3113 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	20.0	207	229.5	1964
3118 >E	Ramapo 345kV Voltage	SBK Edic R945	21.7	327.8	342.9	1965
3118 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	21.8	327.8	342.9	1964
3127 >E	Farragut 345kV Voltage	Ravenswood 3	23.7	327.8	339.7	3115
3129 >E	Ramapo 500kV Voltage	Volney-Marcy	56.8	500	500.7	3013
3140 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	23.1	327.8	329.5	2644
3140 >E	Leeds 345kV Voltage	Marcy South S.	19.5	327.8	335.7	3499
3143 >E	Millwood 345kV Voltage	SBK Edic R945	26.0	327.8	336.3	1967
3144 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	26.0	327.8	336.3	1966
3150 >E	Buchanan South 345kV Voltage	SBK Edic R945	24.7	327.8	338.6	1968
3150 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	24.7	327.8	338.6	1967
3167 >E	Ladentown 345kV Voltage	SBK Edic R945	22.4	327.8	343.3	1969
3168 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	22.5	327.8	343.3	1968
3183 >E	Rainey 345kV Voltage	Pre-Fault	33.4	NA	338	3183
3186 >E	Farragut 345kV Voltage	Pre-Fault	34.6	NA	338	3186
3190 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	75.8	500	504.6	2190
3197 >E	Somerset 345kV Voltage	Marcy South N.	33.0	327.8	344.2	3922
3200 >E	Bowline 1 345kV Voltage	SBK Edic R945	22.3	327.8	344.4	1972
3201 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	22.3	327.8	344.4	1971
3203 >E	Somerset 345kV Voltage	Volney-Marcy	26.0	327.8	344.4	3078
3215 >E	Bowline 2 345kV Voltage	SBK Edic R945	22.5	327.8	345.5	1973
3215 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	22.5	327.8	345.5	1972
3227 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	23.0	327.8	337.5	2212
3236 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	53.5	218.5	225.8	2217

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3272 >E	Gilboa 345kV Voltage	SBK Marcy R3108	24.0	327.8	337.0	2681
3281 >E	Roseton 345kV Voltage	SBK Edic R945	25.4	327.8	340.5	1979
3282 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	25.4	327.8	340.5	1978
3297 >E	Gardenville 230kV Voltage	SBK Marcy R3108	27.8	207	230.1	2688
3301 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	73.8	218.5	189.7	3074
3305 >E	Rock Tavern 345kV Voltage	Volney-Marcy	27.3	327.8	328.4	3167
3309 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	27.6	207	213.3	2259
3315 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	28.5	327.8	335.6	1982
3316 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	28.5	327.8	335.6	1981
3333 >E	Leeds 345kV Voltage	Ph2 DC 1500	24.3	327.8	327.8	3080
3333 >E	Leeds 345kV Voltage	Volney-Marcy	24.3	327.8	327.8	3191
3342 >E	Fraser 345kV Voltage	Marcy South N.	29.9	327.8	327.8	4048
3342 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	27.0	327.8	330.6	2278
3342 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	27.0	327.8	330.6	2278
3343 >E	Goethals 345kV Voltage	Ravenswood 3	32.3	327.8	338.5	3281
3344 >E	Pleasant Valley 345kV Voltage	Marcy South S.	34.1	327.8	331.4	3629
3359 >E	Ramapo 500kV Voltage	SBK Marcy R3108	84.4	500	503.1	2705
3361 >E	Watercure 230kV Voltage	SBK Princetown 345	28.9	207	219.6	2958
3365 >E	Goethals 345kV Voltage	Pre-Fault	46.9	NA	338	3365
3373 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	30.9	327.8	326.0	3087
3430 >E	Somerset 345kV Voltage	Marcy South S.	35.4	327.8	341.8	3685
3430 >E	Ramapo 500kV Voltage	Marcy South S.	93.2	500	495.7	3685
3475 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	35.5	327.8	327.8	3316
3491 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	32.2	327.8	328.8	3360
3505 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	33.4	327.8	328.8	3373
3505 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	47.1	327.8	329.7	3112
3516 >E	Rainey 345kV Voltage	SBK Edic R70	33.2	327.8	328.0	3504
3528 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	33.5	327.8	327.7	3481
3528 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	33.5	327.8	327.7	3480
3528 >E	Watercure 230kV Voltage	Marcy South N.	50.7	207	232.2	4210
3531 >E	Farragut 345kV Voltage	SBK Edic R70	34.4	327.8	328.0	3518
3536 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	38.3	327.8	326.0	3118
3543 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	34.8	327.8	327.7	3496
3543 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	34.8	327.8	327.7	3495
3547 >E	Rainey 345kV Voltage	SBK Princetown 345	34.1	327.8	327.1	3088
3562 >E	Farragut 345kV Voltage	SBK Princetown 345	35.4	327.8	327.1	3099
3573 >E	Watercure 230kV Voltage	Ravenswood 3	37.6	207	215.8	3458
3585 >E	Buchanan North 345kV Voltage	Volney-Marcy	48.7	327.8	328.1	3411
3587 >E	Dunwoodie 345kV Voltage	Volney-Marcy	55.1	327.8	327.7	3413

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3587 >E	Sprain Brook 345kV Voltage	Volney-Marcy	54.7	327.8	327.7	3413
3593 >E	Millwood 345kV Voltage	Volney-Marcy	47.7	327.8	327.7	3419
3615 >E	Millwood 345kV Voltage	Ph2 DC 1500	48.8	327.8	327.3	3132
3620 >E	Watercure 230kV Voltage	Pre-Fault	56.2	NA	215	3620
3632 >E	Gilboa 345kV Voltage	Marcy South N.	39.2	327.8	338.3	4299
3641 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	57.3	327.8	326.7	3137
3641 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	47.1	327.8	328.8	3137
3648 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	58.0	327.8	326.5	3138
3659 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	45.4	207	229.4	2462
3668 >E	Ramapo 500kV Voltage	Marcy South N.	129.1	500	502.9	4331
3669 >E	Ramapo 345kV Voltage	Ph2 DC 1500	45.2	327.8	330.3	3142
3674 >E	Roseton 345kV Voltage	Volney-Marcy	39.5	327.8	328.0	3489
3680 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	45.3	327.8	337.7	2474
3681 >E	Watercure 230kV Voltage	SBK Edic R70	41.2	207	213.9	3660
3684 >E	Buchanan South 345kV Voltage	Volney-Marcy	48.1	327.8	327.9	3498
3716 >E	Somerset 345kV Voltage	Ph2 DC 1500	53.9	327.8	338.4	3151
3729 >E	Ladentown 345kV Voltage	Ph2 DC 1500	45.1	327.8	331.4	3153
3736 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	38.0	327.8	327.8	2016
3736 >E	Leeds 345kV Voltage	SBK Edic R945	38.0	327.8	327.8	2017
3764 >E	Roseton 345kV Voltage	Ph2 DC 1500	43.3	327.8	325.8	3160
3765 >E	Ramapo 345kV Voltage	Volney-Marcy	47.1	327.8	328.3	3569
3798 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	45.2	327.8	328.8	3633
3799 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	45.0	327.8	331.6	3166
3819 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	44.9	327.8	333.7	3170
3833 >E	Goethals 345kV Voltage	SBK Edic R70	46.6	327.8	328.0	3805
3848 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	47.1	327.8	327.7	3793
3848 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	47.1	327.8	327.7	3792
3873 >E	Goethals 345kV Voltage	SBK Princetown 345	48.0	327.8	327.2	3317
3881 >E	Dunwoodie 345kV Voltage	Marcy South S.	71.6	327.8	322.3	3974
3882 >E	Millwood 345kV Voltage	Marcy South S.	62.1	327.8	321.7	3975
3888 >E	Ladentown 345kV Voltage	Volney-Marcy	49.6	327.8	328.3	3676
3891 >E	Sprain Brook 345kV Voltage	Marcy South S.	71.6	327.8	322.1	3981
3964 >E	Bowline 1 345kV Voltage	Volney-Marcy	49.5	327.8	328.3	3743
3987 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	53.1	207	208.5	3801
3991 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	53.3	207	208.4	3931
3991 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	53.3	207	208.4	3932
4017 >E	Roseton 345kV Voltage	Marcy South S.	52.0	327.8	319.5	4061
4026 >E	Leeds 345kV Voltage	Marcy South N.	51.2	327.8	342.7	4641
4118 >E	Bowline 2 345kV Voltage	Volney-Marcy	54.3	327.8	328.3	3877

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4208 >E	Buchanan South 345kV Voltage	Marcy South S.	69.9	327.8	317.1	4184
4303 >E	Niagara 345kV Voltage	Volney-Marcy	56.0	327.8	351.3	4038
4363 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	68.5	327.8	328.3	2983
4364 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	89.9	327.8	334.9	2869
4406 >E	Coopers Corners 345kV Voltage	Marcy South N.	65.1	327.8	303.5	4970
4415 >E	Niagara 230kV East Voltage	Volney-Marcy	135.2	218.5	230.7	4136
4415 >E	Niagara 230kV West Voltage	Volney-Marcy	135.2	218.5	230.7	4136
4420 >E	Buchanan North 345kV Voltage	Marcy South S.	83.1	327.8	311.3	4320
4442 >E	Niagara 345kV Voltage	Marcy South N.	69.0	327.8	348.3	5001
4443 >E	Leeds 345kV Voltage	SBK Marcy R3108	61.8	327.8	327.8	3006
4449 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	62.0	327.8	327.8	2919
4524 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	80.8	327.8	337.6	2962
4631 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	82.9	327.8	329.7	3058
4690 >E	Niagara 230kV East Voltage	Marcy South N.	152.7	218.5	230.1	5215
4690 >E	Niagara 230kV West Voltage	Marcy South N.	152.7	218.5	230.1	5215
4691 >E	Watercure 230kV Voltage	Volney-Marcy	85.3	207	249.5	4377
4751 >E	Pleasant Valley 345kV Voltage	Marcy South N.	94.1	327.8	338.0	5269
4806 >E	Northport 138kV Voltage	Pre-Fault	245.9	NA	135	4806
4808 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	82.1	327.8	333.9	3126
4834 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	99.8	327.8	334.7	3142
4854 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	89.1	327.8	338.4	3153
4856 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	89.3	327.8	329.5	3155
4864 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	107.9	327.8	332.8	3159
4949 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	128.3	327.8	331.8	3208
4967 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	130.0	327.8	331.6	3219
4990 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	88.8	327.8	340.6	3232
5015 >E	Niagara 345kV Voltage	Marcy South S.	79.3	327.8	348.3	4702
5036 >E	Rock Tavern 345kV Voltage	Marcy South S.	77.7	327.8	267.0	4715
5114 >E	Rainey 345kV Voltage	SBK Edic R945	93.1	327.8	337.8	2134
5115 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	93.2	327.8	337.8	2132
5161 >E	Farragut 345kV Voltage	SBK Edic R945	96.8	327.8	337.7	2138
5161 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	96.8	327.8	337.7	2135
5166 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	127.2	327.8	328.5	3206
5256 >E	Ladentown 345kV Voltage	Marcy South S.	96.0	327.8	301.3	4856
5267 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	97.5	327.8	339.2	3392
5272 >E	Ramapo 345kV Voltage	Marcy South S.	98.5	327.8	297.2	4867
5317 >E	Roseton 345kV Voltage	SBK Marcy R3108	100.3	327.8	328.2	3248
5327 >E	Northport 138kV Voltage	Ravenswood 3	216.1	131.1	132.9	4808
5397 >E	Niagara 230kV East Voltage	Marcy South S.	208.6	218.5	230.1	4946
5397 >E	Niagara 230kV West Voltage	Marcy South S.	208.6	218.5	230.1	4946
5452 >E	Coopers Corners 345kV Voltage	Marcy South S.	69.4	327.8	80.1	4982

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5550 >E	Millwood 345kV Voltage	SBK Marcy R3108	141.5	327.8	326.9	3313
5628 >E	Ramapo 345kV Voltage	SBK Marcy R3108	122.8	327.8	329.0	3334
5667 >E	Northport 138kV Voltage	N.Scot-Leeds 345	238.2	131.1	131.5	5294
5683 >E	Bowline 1 345kV Voltage	Marcy South S.	105.9	327.8	294.4	5130
5707 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	138.0	327.8	327.6	3356
5711 >E	Bowline 2 345kV Voltage	Marcy South S.	105.4	327.8	299.6	5148
5745 >E	Northport 138kV Voltage	SBK Edic R70	244.4	131.1	131.2	5619
5745 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	173.3	327.8	326.0	3367
5768 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	175.7	327.8	325.9	3373
5777 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	246.7	131.1	131.1	5669
5777 >E	Northport 138kV Voltage	Princeton-N.Scot 345	246.7	131.1	131.1	5673
5834 >E	Northport 138kV Voltage	SBK Princeton 345	251.1	131.1	130.8	4691
6014 >E	Goethals 345kV Voltage	SBK Edic R945	131.2	327.8	337.5	2210
6016 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	131.2	327.8	337.5	2207
6113 >E	Roseton 345kV Voltage	Marcy South N.	130.2	327.8	332.9	6449
6117 >E	Gardenville 230kV Voltage	Marcy South N.	143.0	207	232.8	6453
6191 >E	Ladentown 345kV Voltage	SBK Marcy R3108	138.6	327.8	328.9	3491
6211 >E	Millwood 345kV Voltage	Marcy South N.	173.6	327.8	331.8	6534
6235 >E	Niagara 345kV Voltage	Ph2 DC 1500	127.1	327.8	343.2	3617
6404 >E	Rock Tavern 345kV Voltage	Marcy South N.	136.7	327.8	318.4	6701
6443 >E	Sprain Brook 345kV Voltage	Marcy South N.	209.8	327.8	330.7	6734
6444 >E	Buchanan North 345kV Voltage	Marcy South N.	184.2	327.8	328.3	6736
6445 >E	Dunwoodie 345kV Voltage	Marcy South N.	211.2	327.8	330.8	6736
6704 >E	Buchanan South 345kV Voltage	Marcy South N.	180.7	327.8	330.9	6961
6816 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	153.3	327.8	328.9	3664
6858 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	152.5	327.8	329.0	3675
7328 >E	Rainey 345kV Voltage	Volney-Marcy	175.4	327.8	327.7	6680
7387 >E	Farragut 345kV Voltage	Volney-Marcy	181.2	327.8	327.7	6731
7401 >E	Rainey 345kV Voltage	Ph2 DC 1500	178.1	327.8	327.3	3833
7437 >E	Farragut 345kV Voltage	Ph2 DC 1500	183.2	327.8	327.5	3840
7555 >E	Ramapo 345kV Voltage	Marcy South N.	193.9	327.8	326.2	7698
7738 >E	Niagara 230kV East Voltage	Ph2 DC 1500	412.2	218.5	228.4	3896
7738 >E	Niagara 230kV West Voltage	Ph2 DC 1500	412.2	218.5	228.4	3896
8090 >E	Ladentown 345kV Voltage	Marcy South N.	206.8	327.8	327.9	8161
8802 >E	Rainey 345kV Voltage	Marcy South S.	230.0	327.8	319.3	7130
8864 >E	Goethals 345kV Voltage	Ph2 DC 1500	241.0	327.8	328.2	4104
8875 >E	Farragut 345kV Voltage	Marcy South S.	237.4	327.8	319.5	7177
8973 >E	Goethals 345kV Voltage	Volney-Marcy	245.2	327.8	327.7	8116
9026 >E	Bowline 1 345kV Voltage	Marcy South N.	228.9	327.8	327.8	8973
9089 >E	Bowline 2 345kV Voltage	Marcy South N.	227.7	327.8	327.9	9027

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
10968 >E	Goethals 345kV Voltage	Marcy South S.	321.7	327.8	319.6	8519
13414 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	400.0	327.8	334.3	8107
13543 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	413.0	327.8	334.2	8182
16478 >E	Watercure 230kV Voltage	Marcy South S.	544.5	207	346.3	12054
17313 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	564.6	327.8	334.4	10363
17651 >E	Rainey 345kV Voltage	SBK Marcy R3108	557.8	327.8	324.8	6668
17852 >E	Farragut 345kV Voltage	SBK Marcy R3108	576.8	327.8	324.9	6724
18188 >E	Northport 138kV Voltage	Ph2 DC 1500	1220.6	131.1	131.8	5832
19065 >E	Northport 138kV Voltage	Volney-Marcy	1288.8	131.1	131.1	16929
21689 >E	Rainey 345kV Voltage	Marcy South N.	706.4	327.8	332.8	19943
21754 >E	Farragut 345kV Voltage	Marcy South N.	723.5	327.8	332.8	20000
23459 >E	Northport 138kV Voltage	Marcy South S.	1634.5	131.1	127.7	16531
24093 >E	Goethals 345kV Voltage	SBK Marcy R3108	826.2	327.8	324.1	8454
29038 >E	Goethals 345kV Voltage	Marcy South N.	1015.1	327.8	332.9	26311
35409 >E	Watercure 230kV Voltage	Ph2 DC 1500	1441.2	207	501.9	9022
50314 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	3743.5	131.1	134.6	29461
76748 >E	Northport 138kV Voltage	SBK Marcy R3108	5822.5	131.1	128.6	23053
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

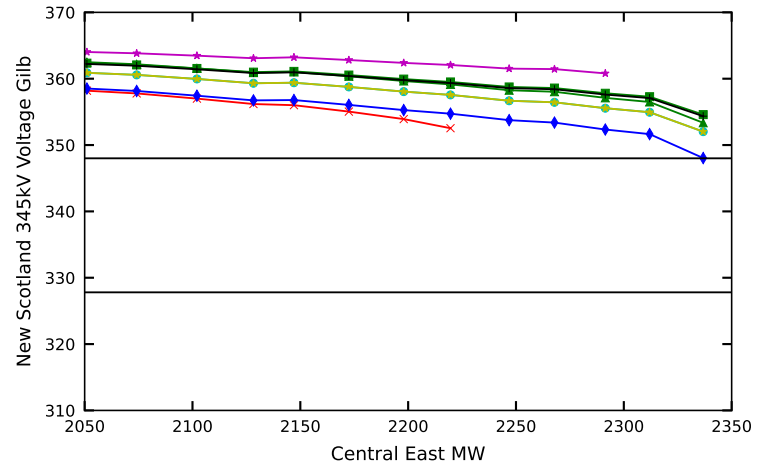
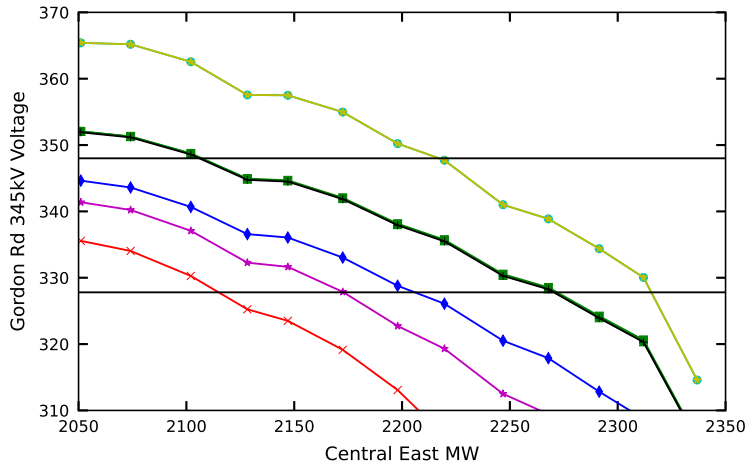
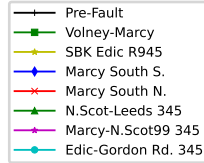
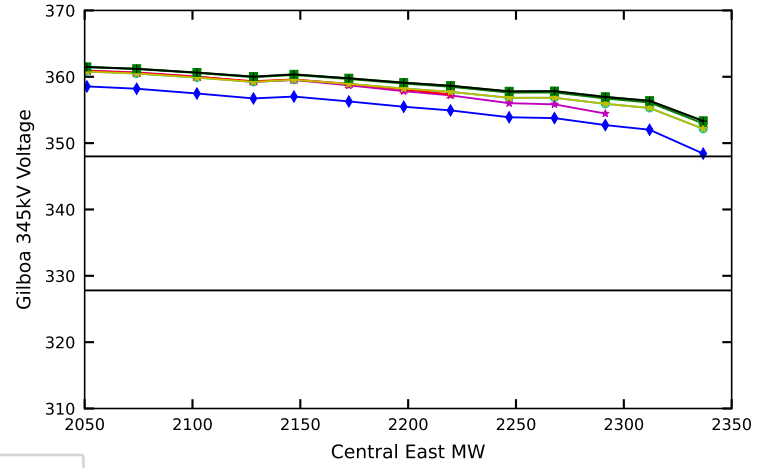
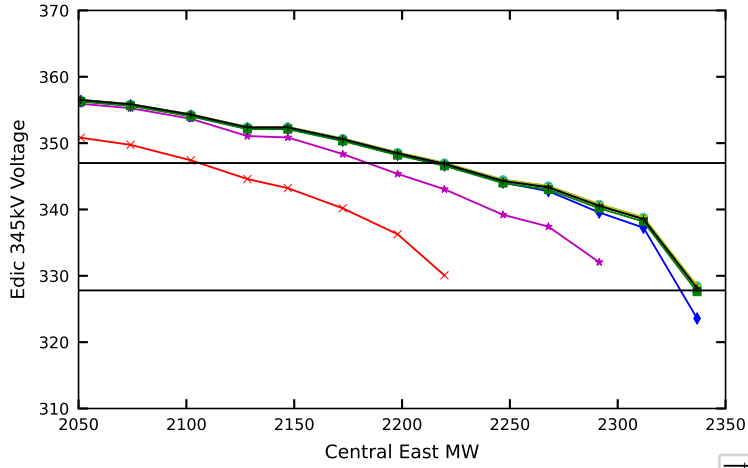
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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 361_OS

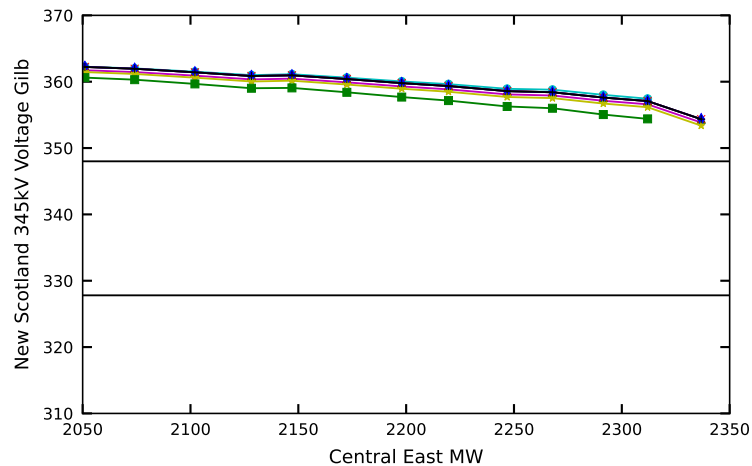
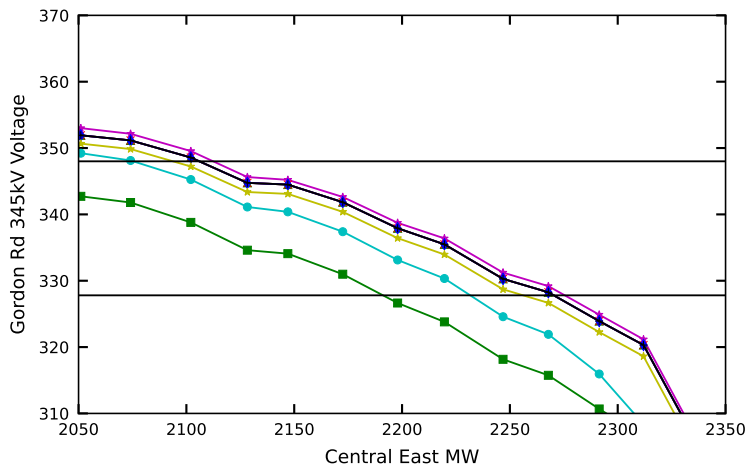
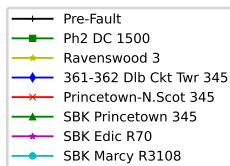
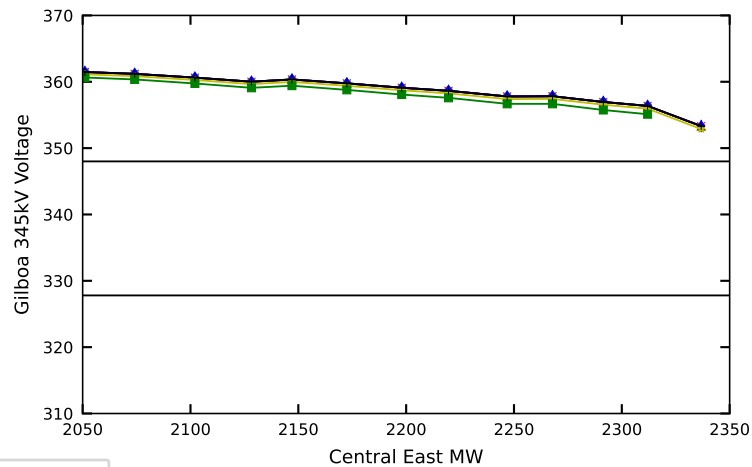
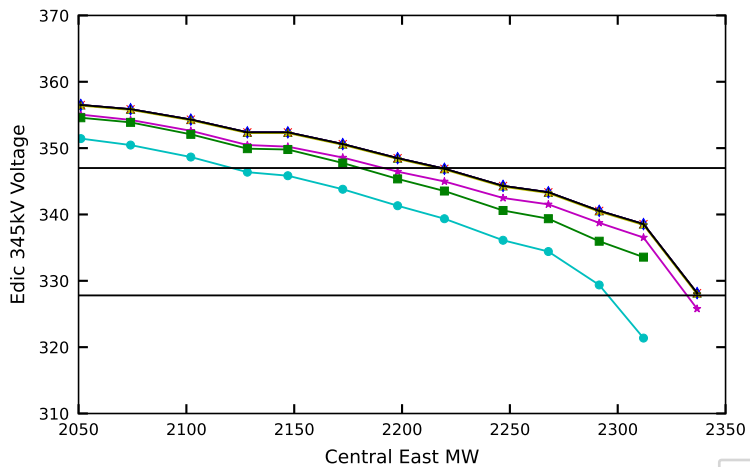
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Niagara 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
>E						
99999	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

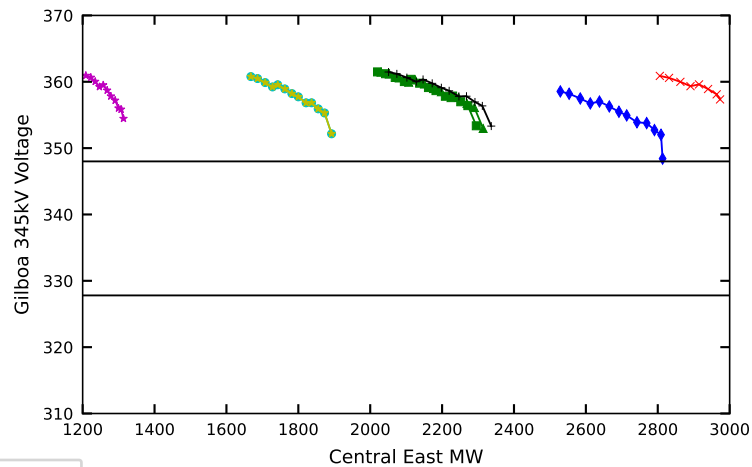
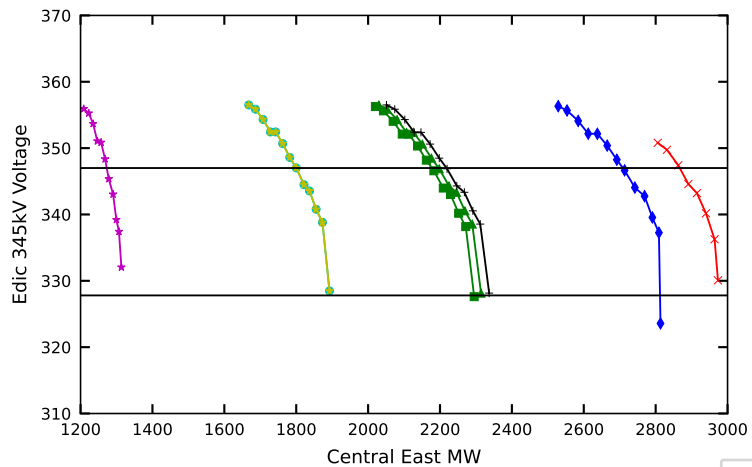
1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS Figure 1



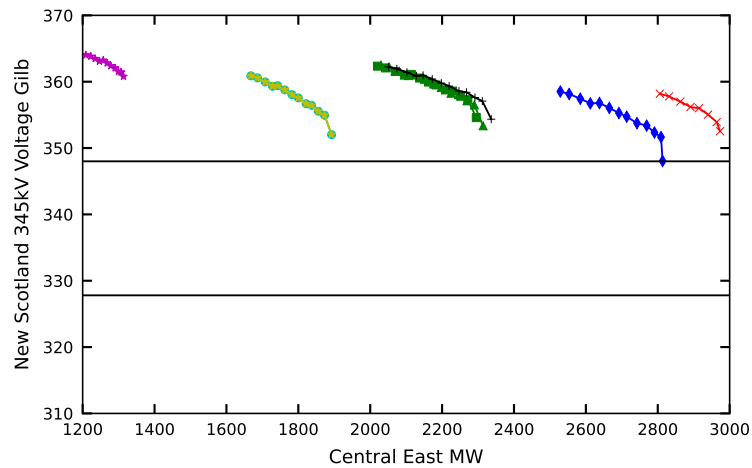
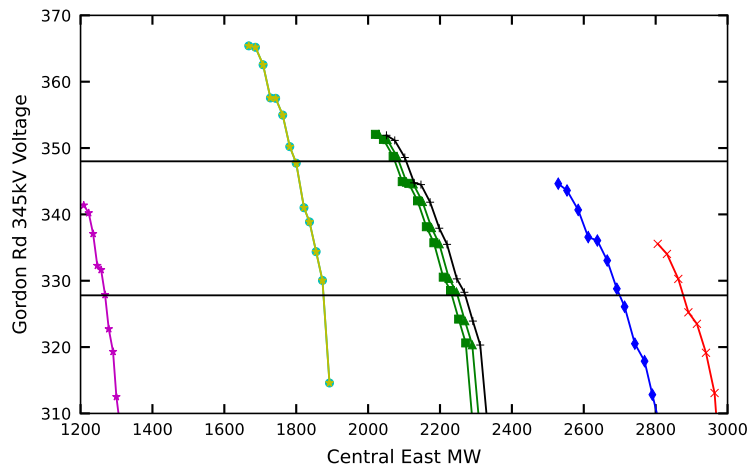
1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS Figure 2



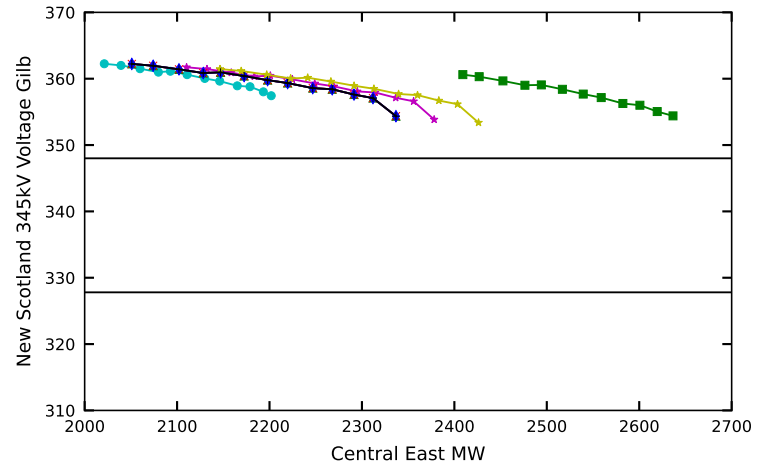
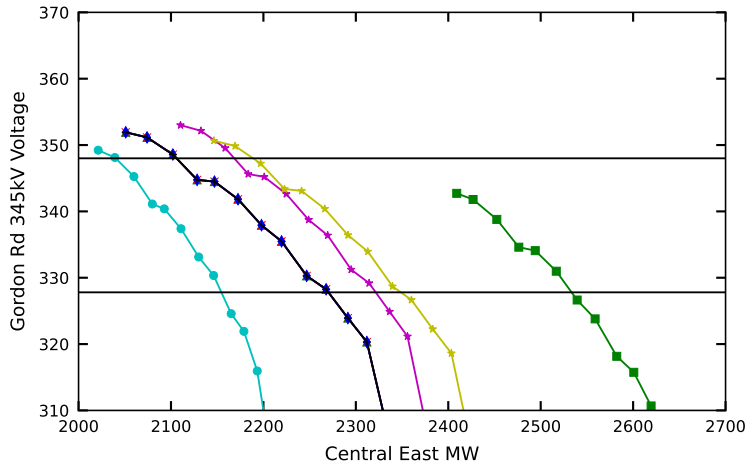
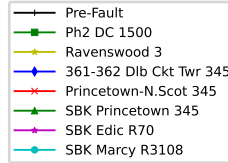
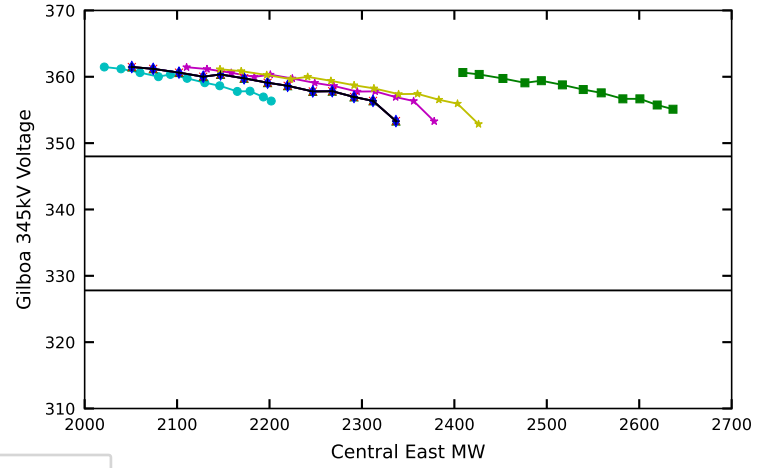
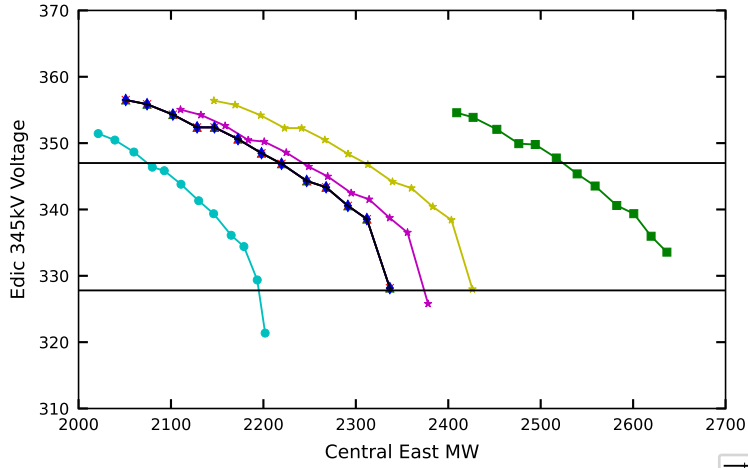
1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS Figure 1



- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\371_OS\Sum2023_CEVC_PH2_00_371_OS.xlsx

1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2051	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2074	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2102	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2128	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2147	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2172	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2197	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2219	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2246	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2267	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2291	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2311	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2336	t1	0	0	2	0	2	0	0	0	2	0	0	0	0	0	2
	3															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-

E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\371_OS\Sum2023_CEVC_PH2_00_371_OS.xlsx

1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1952 <E	Dunwoodie 345kV Voltage	Pre-Fault	115.6	NA	348	1952
1963 <E	Sprain Brook 345kV Voltage	Pre-Fault	115.8	NA	348	1963
2105	Gordon Rd 345kV Voltage	Pre-Fault	6.9	NA	348	2105
2108	limit with 5% margin	Marcy South N.	NA	NA	NA	2824
2114	Gordon Rd 345kV Voltage	Marcy South N.	5.2	327.8	346.7	2876
2172	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.0	327.8	341.8	1268
2176	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1247
2191	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.9	327.8	339.0	2533
2196	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2091
2196	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2504
2205	Gordon Rd 345kV Voltage	Marcy South S.	8.0	327.8	337.0	2699
2206	Marcy 345kV Voltage	Pre-Fault	13.6	NA	348	2206
2218	Edic 345kV Voltage	Pre-Fault	13.6	NA	347	2218
2218	Clay 345kV Voltage	Marcy South N.	3.6	327.8	345.5	2972
2219	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1797
2219	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2198
2219	limit with 5% margin	Marcy South S.	NA	NA	NA	2672
2219	limit with 5% margin	SBK Edic R945	NA	NA	NA	1797
2219	limit with 5% margin	Volney-Marcy	NA	NA	NA	2180
2219	limit with 5% margin	SBK Edic R70	NA	NA	NA	2259
2219	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2219
2219	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2219
2219	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2219
2219	limit with 5% margin	Ravenswood 3	NA	NA	NA	2304
2222	Pannell Road 345kV Voltage	Pre-Fault	19.7	NA	346	2222
2225	Clay 345kV Voltage	Pre-Fault	14.0	NA	345	2225
2226	Station 80 345kV Voltage	Pre-Fault	22.7	NA	346	2226
2227 >E	Edic 345kV Voltage	Marcy South N.	3.5	327.8	346.3	2976
2228 >E	Marcy 345kV Voltage	Marcy South N.	3.5	327.8	346.3	2977
2231	Gordon Rd 345kV Voltage	SBK Marcy R3108	4.7	327.8	333.2	2154
2256	Gordon Rd 345kV Voltage	Ravenswood 3	10.3	327.8	329.4	2348
2261 >E	Pannell Road 345kV Voltage	Marcy South N.	6.0	327.8	344.6	2991
2270	Gordon Rd 345kV Voltage	SBK Princetown 345	5.4	327.8	327.8	2270
2270	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	5.4	327.8	327.8	2270
2270	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	5.4	327.8	327.8	2270
2270	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	327.7	2248
2271	Gordon Rd 345kV Voltage	Volney-Marcy	5.5	327.8	327.5	2233
2275	Gordon Rd 345kV Voltage	SBK Edic R70	5.5	327.8	326.9	2321
2285 >E	Station 80 345kV Voltage	Marcy South N.	7.1	327.8	344.2	3001

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\371_OS\Sum2023_CEVC_PH2_00_371_OS.xlsx

1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2294 >E	Oakdale 345kV Voltage	Marcy South N.	5.6	320	349.2	3006
2295	Edic 345kV Voltage	SBK Marcy R3108	2.6	327.8	340.2	2195
2297	Clay 345kV Voltage	SBK Marcy R3108	2.3	327.8	339.9	2195
2310 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	338.3	1318
2313 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	338.0	1320
2314 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	5.2	327.8	338.3	1320
2315	Gordon Rd 345kV Voltage	SBK Edic R945	1.6	327.8	318.2	1875
2315	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	1.6	327.8	318.2	1875
2329	Edic 345kV Voltage	Marcy South S.	1.8	327.8	331.4	2812
2329 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.9	327.8	340.8	2209
2329	Marcy 345kV Voltage	Marcy South S.	1.8	327.8	331.2	2812
2329	Clay 345kV Voltage	Volney-Marcy	2.2	327.8	331.9	2288
2330	Clay 345kV Voltage	Marcy South S.	2.0	327.8	331.8	2812
2332	Edic 345kV Voltage	SBK Edic R70	2.3	327.8	330.1	2373
2333	Millwood 345kV Voltage	Pre-Fault	20.4	NA	348	2333
2336	Edic 345kV Voltage	Volney-Marcy	2.4	327.8	328.3	2294
2336	Clay 345kV Voltage	SBK Edic R70	2.5	327.8	329.5	2377
2337 >E	Edic 345kV Voltage	Ravenswood 3	2.4	327.8	328.0	2426
2337 >E	Edic 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	327.8	2314
2337 >E	Edic 345kV Voltage	SBK Princetown 345	2.4	327.8	327.8	2337
2337 >E	Edic 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	327.8	2337
2337 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	327.8	2337
2337 >E	Clay 345kV Voltage	SBK Edic R945	2.6	327.8	329.0	1893
2337 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.6	327.8	329.0	1893
2338 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	327.8	2315
2338 >E	Marcy 345kV Voltage	SBK Edic R945	2.4	327.8	327.8	1893
2338 >E	Marcy 345kV Voltage	SBK Princetown 345	2.4	327.8	327.8	2338
2338 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	327.8	2338
2338 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	327.8	2338
2338 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.4	327.8	327.8	1893
2338 >E	Marcy 345kV Voltage	Volney-Marcy	2.4	327.8	327.8	2296
2338 >E	Marcy 345kV Voltage	SBK Edic R70	2.4	327.8	327.8	2379
2338 >E	Marcy 345kV Voltage	Ravenswood 3	2.4	327.8	327.8	2427
2338 >E	Edic 345kV Voltage	SBK Edic R945	2.4	327.8	327.5	1893
2338 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.4	327.8	327.5	1893
2339 >E	Clay 345kV Voltage	Ravenswood 3	2.7	327.8	328.3	2428
2340 >E	Clay 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	327.9	2318
2341 >E	Clay 345kV Voltage	SBK Princetown 345	2.7	327.8	327.8	2341
2341 >E	Clay 345kV Voltage	Princetown-N.Scot 345	2.7	327.8	327.8	2341

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\371_OS\Sum2023_CEVC_PH2_00_371_OS.xlsx

1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2341 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	2.7	327.8	327.8	2341
2342 >E	Oakdale 345kV Voltage	Pre-Fault	2.7	NA	335	2342
2347 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.8	327.8	341.0	2216
2353 >E	Pannell Road 345kV Voltage	Marcy South S.	3.2	327.8	332.3	2816
2358 >E	Pannell Road 345kV Voltage	Volney-Marcy	3.7	327.8	331.3	2315
2359 >E	Fraser 345kV Voltage	Pre-Fault	3.5	NA	338	2359
2360 >E	Buchanan North 345kV Voltage	Pre-Fault	21.0	NA	346	2360
2361 >E	Edic 345kV Voltage	Ph2 DC 1500	8.6	327.8	333.7	2677
2361 >E	St.Lawrence 230kV Voltage	Pre-Fault	8.8	NA	225	2361
2365 >E	Marcy 345kV Voltage	Ph2 DC 1500	8.6	327.8	333.6	2680
2367 >E	Pannell Road 345kV Voltage	SBK Edic R70	4.1	327.8	329.2	2405
2367 >E	Pannell Road 345kV Voltage	SBK Edic R945	4.2	327.8	329.1	1916
2367 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	329.1	1916
2369 >E	Station 80 345kV Voltage	Marcy South S.	4.0	327.8	332.5	2819
2370 >E	Pannell Road 345kV Voltage	Ravenswood 3	4.3	327.8	328.4	2456
2372 >E	Oakdale 345kV Voltage	Marcy South S.	2.4	320	324.2	2819
2372 >E	Oakdale 345kV Voltage	Volney-Marcy	2.5	320	324.2	2328
2372 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	4.3	327.8	327.9	2349
2373 >E	Pannell Road 345kV Voltage	SBK Princetown 345	4.4	327.8	327.8	2373
2373 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	4.4	327.8	327.8	2373
2373 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	327.8	327.8	2373
2374 >E	Coopers Corners 345kV Voltage	Pre-Fault	5.0	NA	338	2374
2375 >E	Oakdale 345kV Voltage	SBK Edic R945	2.6	320	323.1	1922
2375 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.6	320	323.1	1922
2376 >E	Station 80 345kV Voltage	Volney-Marcy	4.7	327.8	331.2	2332
2378 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	5.1	320	338.4	1338
2378 >E	Clay 345kV Voltage	Ph2 DC 1500	9.3	327.8	332.4	2691
2380 >E	Oakdale 345kV Voltage	Ravenswood 3	2.7	320	321.2	2465
2380 >E	Gilboa 345kV Voltage	Pre-Fault	8.2	NA	348	2380
2380 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	8.8	327.8	338.1	1339
2380 >E	Rock Tavern 345kV Voltage	Pre-Fault	12.2	NA	348	2380
2381 >E	Oakdale 345kV Voltage	SBK Edic R70	2.7	320	320.8	2417
2383 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.7	320	320.1	2359
2383 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.7	320	320.0	2383
2383 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.7	320	320.0	2383
2383 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.7	320	320.0	2383
2387 >E	Station 80 345kV Voltage	SBK Edic R70	5.2	327.8	329.2	2423
2388 >E	Station 80 345kV Voltage	SBK Edic R945	5.3	327.8	329.0	1933

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2388 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	329.0	1933
2389 >E	Oakdale 345kV Voltage	SBK Marcy R3108	4.4	320	340.1	2234
2390 >E	Station 80 345kV Voltage	Ravenswood 3	5.4	327.8	328.6	2475
2394 >E	New Scotland 345kV Voltage Alps	Pre-Fault	9.1	NA	348	2394
2394 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	9.1	NA	348	2394
2394 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	327.9	2371
2395 >E	Station 80 345kV Voltage	SBK Princetown 345	5.6	327.8	327.8	2395
2395 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	5.6	327.8	327.8	2395
2395 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	5.6	327.8	327.8	2395
2395 >E	Fraser 345kV Voltage	Volney-Marcy	3.5	327.8	327.8	2350
2395 >E	Fraser 345kV Voltage	SBK Edic R70	3.5	327.8	327.8	2430
2395 >E	Fraser 345kV Voltage	SBK Princetown 345	3.5	327.8	327.8	2395
2395 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	3.5	327.8	327.8	2395
2395 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.5	327.8	327.8	2395
2395 >E	Fraser 345kV Voltage	Ravenswood 3	3.5	327.8	327.8	2480
2395 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.5	327.8	327.8	1938
2395 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	327.8	2372
2395 >E	Fraser 345kV Voltage	Marcy South S.	3.5	327.8	327.8	2823
2395 >E	Fraser 345kV Voltage	SBK Edic R945	3.5	327.8	327.8	1938
2403 >E	St.Lawrence 230kV Voltage	Marcy South S.	7.4	218.5	220.3	2825
2404 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	343.6	1346
2405 >E	Coopers Corners 345kV Voltage	SBK Edic R945	4.8	327.8	331.6	1946
2405 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.8	327.8	331.6	1946
2410 >E	Niagara 230kV East Voltage	Pre-Fault	12.2	NA	225	2410
2410 >E	Niagara 230kV West Voltage	Pre-Fault	12.2	NA	225	2410
2410 >E	Coopers Corners 345kV Voltage	Ravenswood 3	4.9	327.8	330.7	2493
2411 >E	Buchanan South 345kV Voltage	Pre-Fault	21.1	NA	346	2411
2411 >E	Pleasant Valley 345kV Voltage	Pre-Fault	19.8	NA	348	2411
2413 >E	St.Lawrence 230kV Voltage	SBK Edic R70	8.3	218.5	219.1	2447
2415 >E	St.Lawrence 230kV Voltage	Ravenswood 3	8.7	218.5	219.0	2497
2415 >E	St.Lawrence 230kV Voltage	Volney-Marcy	8.7	218.5	218.9	2369
2416 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	8.9	327.8	344.3	1349
2416 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	10.6	327.8	338.0	1349
2419 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	8.8	218.5	218.5	2419
2419 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	8.8	218.5	218.5	2419
2419 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	8.8	218.5	218.5	2419
2419 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	8.8	218.5	218.5	2395
2420 >E	Coopers Corners 345kV Voltage	SBK Edic R70	5.0	327.8	328.6	2453

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2422 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.9	327.8	328.1	2398
2423 >E	St.Lawrence 230kV Voltage	SBK Edic R945	9.0	218.5	218.1	1960
2423 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	9.0	218.5	218.1	1960
2424 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	5.0	327.8	327.8	2424
2424 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	5.0	327.8	327.8	2424
2424 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	327.8	327.8	2424
2425 >E	Marcy 345kV Voltage	SBK Marcy R3108	10.4	327.8	327.8	2248
2428 >E	Coopers Corners 345kV Voltage	Volney-Marcy	5.0	327.8	327.1	2381
2431 >E	St.Lawrence 230kV Voltage	Marcy South N.	17.7	218.5	228.5	3065
2438 >E	Ramapo 500kV Voltage	Ravenswood 3	24.1	500	505.2	2519
2455 >E	Ramapo 345kV Voltage	Pre-Fault	21.5	NA	346	2455
2462 >E	Niagara 230kV East Voltage	Marcy South S.	10.5	218.5	220.7	2835
2462 >E	Niagara 230kV West Voltage	Marcy South S.	10.5	218.5	220.7	2835
2472 >E	Watercure 230kV Voltage	Marcy South N.	13.8	207	228.8	3083
2474 >E	Niagara 230kV East Voltage	Volney-Marcy	11.2	218.5	219.7	2425
2474 >E	Niagara 230kV West Voltage	Volney-Marcy	11.2	218.5	219.7	2425
2476 >E	New Scotland 345kV Voltage Alps	Marcy South S.	6.9	327.8	339.1	2838
2476 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	6.9	327.8	339.1	2838
2479 >E	Niagara 230kV East Voltage	Ravenswood 3	11.6	218.5	219.3	2556
2479 >E	Niagara 230kV West Voltage	Ravenswood 3	11.6	218.5	219.3	2556
2479 >E	Gilboa 345kV Voltage	Marcy South S.	6.9	327.8	335.9	2838
2479 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	14.5	327.8	331.5	2776
2480 >E	Niagara 230kV East Voltage	SBK Edic R70	11.7	218.5	219.2	2507
2480 >E	Niagara 230kV West Voltage	SBK Edic R70	11.7	218.5	219.2	2507
2480 >E	Niagara 230kV East Voltage	SBK Edic R945	11.7	218.5	219.2	2005
2480 >E	Niagara 230kV West Voltage	SBK Edic R945	11.7	218.5	219.2	2005
2480 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	11.7	218.5	219.2	2005
2480 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	11.7	218.5	219.2	2005
2485 >E	Somerset 345kV Voltage	Marcy South N.	13.2	327.8	348.7	3089
2488 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	12.1	218.5	218.5	2463
2488 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	12.1	218.5	218.5	2463
2489 >E	Niagara 230kV East Voltage	SBK Princetown 345	12.2	218.5	218.5	2489
2489 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	12.2	218.5	218.5	2489
2489 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	12.2	218.5	218.5	2489
2489 >E	Niagara 230kV West Voltage	SBK Princetown 345	12.2	218.5	218.5	2489
2489 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	12.2	218.5	218.5	2489
2489 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	12.2	218.5	218.5	2489
2494 >E	Ladentown 345kV Voltage	Pre-Fault	22.9	NA	346	2494

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2494 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	17.5	218.5	223.1	1371
2501 >E	Somerset 345kV Voltage	SBK Marcy R3108	9.4	327.8	346.9	2280
2514 >E	Roseton 345kV Voltage	Pre-Fault	19.6	NA	345	2514
2525 >E	Leeds 345kV Voltage	Pre-Fault	16.3	NA	345	2525
2528 >E	Dunwoodie 345kV Voltage	Ravenswood 3	17.2	327.8	335.6	2602
2529 >E	Gilboa 345kV Voltage	SBK Edic R945	7.9	327.8	329.7	2044
2529 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	7.9	327.8	329.7	2044
2531 >E	Sprain Brook 345kV Voltage	Ravenswood 3	17.2	327.8	335.6	2604
2531 >E	Station 80 345kV Voltage	Ph2 DC 1500	17.6	327.8	331.5	2819
2534 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	7.9	327.8	329.0	2508
2535 >E	Ramapo 500kV Voltage	SBK Edic R945	26.3	500	501.8	2049
2536 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	26.3	500	501.8	2049
2539 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	7.9	327.8	332.1	2512
2539 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	7.9	327.8	332.1	2512
2539 >E	Gilboa 345kV Voltage	Ravenswood 3	8.1	327.8	328.5	2611
2542 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	8.5	327.8	331.8	2054
2542 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	8.5	327.8	331.8	2054
2542 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	8.5	327.8	331.8	2054
2542 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	8.5	327.8	331.8	2054
2544 >E	Gilboa 345kV Voltage	SBK Edic R70	8.2	327.8	327.8	2564
2545 >E	Gilboa 345kV Voltage	SBK Princetown 345	8.2	327.8	327.8	2545
2545 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	8.2	327.8	327.8	2545
2545 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	8.2	327.8	327.8	2545
2546 >E	Gilboa 345kV Voltage	Volney-Marcy	8.2	327.8	327.7	2492
2561 >E	Bowline 1 345kV Voltage	Pre-Fault	23.7	NA	345	2561
2565 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	8.9	327.8	329.3	2635
2565 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	8.9	327.8	329.3	2635
2572 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	9.0	327.8	328.5	2589
2572 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	9.0	327.8	328.5	2589
2574 >E	Somerset 345kV Voltage	Marcy South S.	11.2	327.8	338.4	2855
2577 >E	Rock Tavern 345kV Voltage	Ravenswood 3	11.6	327.8	331.9	2646
2578 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	9.1	327.8	327.8	2578
2578 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	9.1	327.8	327.8	2578
2578 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	9.1	327.8	327.8	2578
2578 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	9.1	327.8	327.8	2578
2578 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	9.1	327.8	327.8	2578
2578 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	9.1	327.8	327.8	2578
2579 >E	Oakdale 345kV Voltage	Ph2 DC 1500	11.6	320	325.3	2858

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2580 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	28.3	500	500.3	2553
2581 >E	Ramapo 500kV Voltage	SBK Edic R70	28.3	500	500.3	2597
2583 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	9.2	327.8	327.3	2528
2583 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	9.2	327.8	327.3	2528
2583 >E	Somerset 345kV Voltage	Pre-Fault	19.8	NA	338	2583
2584 >E	Bowline 2 345kV Voltage	Pre-Fault	24.9	NA	345	2584
2585 >E	Millwood 345kV Voltage	Ravenswood 3	17.1	327.8	335.7	2654
2586 >E	Buchanan North 345kV Voltage	Ravenswood 3	17.6	327.8	335.2	2655
2589 >E	Ramapo 500kV Voltage	Pre-Fault	29.0	NA	500	2589
2589 >E	Ramapo 500kV Voltage	SBK Princetown 345	29.0	500	500.0	2589
2589 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	29.0	500	500.0	2589
2589 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	29.0	500	500.0	2589
2593 >E	Ramapo 500kV Voltage	Volney-Marcy	29.7	500	499.9	2537
2603 >E	Rock Tavern 345kV Voltage	SBK Edic R945	11.8	327.8	329.7	2102
2603 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	11.8	327.8	329.7	2102
2610 >E	New Scotland 345kV Voltage Alps	Marcy South N.	15.8	327.8	351.4	3143
2610 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	15.8	327.8	351.4	3143
2621 >E	Buchanan South 345kV Voltage	Ravenswood 3	17.3	327.8	336.0	2687
2622 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	12.0	327.8	328.2	2594
2623 >E	Rock Tavern 345kV Voltage	SBK Edic R70	12.2	327.8	328.1	2634
2626 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	12.2	327.8	327.8	2626
2626 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	12.2	327.8	327.8	2626
2626 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	12.2	327.8	327.8	2626
2635 >E	Rock Tavern 345kV Voltage	Volney-Marcy	12.4	327.8	327.0	2577
2645 >E	Somerset 345kV Voltage	Volney-Marcy	14.3	327.8	334.9	2587
2656 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	31.5	218.5	224.9	2345
2670 >E	Dunwoodie 345kV Voltage	SBK Edic R945	19.5	327.8	328.7	2154
2670 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	19.5	327.8	328.7	2154
2672 >E	Sprain Brook 345kV Voltage	SBK Edic R945	19.5	327.8	328.7	2157
2672 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	19.5	327.8	328.7	2157
2674 >E	Fraser 345kV Voltage	SBK Marcy R3108	15.2	327.8	327.8	2352
2674 >E	Fraser 345kV Voltage	Ph2 DC 1500	15.2	327.8	327.8	2938
2679 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	19.9	327.8	328.2	2651
2681 >E	Watercure 230kV Voltage	SBK Marcy R3108	16.7	207	232.0	2355
2683 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	20.0	327.8	328.2	2654
2683 >E	Dunwoodie 345kV Voltage	SBK Edic R70	20.2	327.8	328.0	2688
2686 >E	Sprain Brook 345kV Voltage	SBK Edic R70	20.3	327.8	328.0	2691
2687 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	20.4	327.8	327.8	2687
2687 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	20.4	327.8	327.8	2687

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2687 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	20.4	327.8	327.8	2687
2690 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	53.5	500	506.3	1428
2691 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	20.5	327.8	327.8	2691
2691 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	20.5	327.8	327.8	2691
2691 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	20.5	327.8	327.8	2691
2693 >E	Ramapo 345kV Voltage	Ravenswood 3	18.2	327.8	335.0	2752
2696 >E	Leeds 345kV Voltage	Marcy South S.	13.5	327.8	334.5	2877
2697 >E	Ramapo 500kV Voltage	Ph2 DC 1500	73.5	500	506.3	2957
2699 >E	Dunwoodie 345kV Voltage	Volney-Marcy	20.9	327.8	327.2	2638
2703 >E	Buchanan North 345kV Voltage	SBK Edic R945	19.5	327.8	329.7	2180
2703 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	19.5	327.8	329.7	2180
2703 >E	Ladentown 345kV Voltage	Ravenswood 3	17.9	327.8	336.8	2762
2703 >E	Sprain Brook 345kV Voltage	Volney-Marcy	21.0	327.8	327.2	2641
2718 >E	Millwood 345kV Voltage	SBK Edic R945	19.2	327.8	329.2	2193
2718 >E	Somerset 345kV Voltage	SBK Edic R70	17.2	327.8	331.2	2720
2718 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	19.2	327.8	329.2	2192
2724 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	18.3	327.8	332.2	2781
2728 >E	Somerset 345kV Voltage	SBK Edic R945	17.6	327.8	330.7	2200
2728 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	17.6	327.8	330.7	2200
2732 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	20.5	207	225.8	1440
2732 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	20.6	327.8	328.3	2703
2732 >E	Bowline 1 345kV Voltage	Ravenswood 3	17.9	327.8	337.8	2789
2734 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	19.9	327.8	328.4	2705
2735 >E	Buchanan North 345kV Voltage	SBK Edic R70	20.8	327.8	328.2	2735
2735 >E	Somerset 345kV Voltage	Ravenswood 3	18.1	327.8	330.3	2791
2736 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	20.1	327.8	342.0	1441
2739 >E	Millwood 345kV Voltage	SBK Edic R70	20.2	327.8	328.1	2738
2740 >E	Bowline 2 345kV Voltage	Ravenswood 3	17.9	327.8	338.7	2796
2743 >E	Buchanan North 345kV Voltage	SBK Princetown 345	21.0	327.8	327.8	2743
2743 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	21.0	327.8	327.8	2743
2743 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	21.0	327.8	327.8	2743
2743 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	17.0	327.8	340.3	1443
2746 >E	Millwood 345kV Voltage	SBK Princetown 345	20.4	327.8	327.8	2746
2746 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	20.4	327.8	327.8	2746
2746 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	20.4	327.8	327.8	2746
2749 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	20.3	327.8	331.5	3000
2752 >E	Buchanan South 345kV Voltage	SBK Edic R945	19.4	327.8	329.8	2219

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2752 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	19.4	327.8	329.8	2219
2758 >E	Buchanan North 345kV Voltage	Volney-Marcy	21.7	327.8	327.1	2693
2762 >E	Millwood 345kV Voltage	Volney-Marcy	21.0	327.8	327.0	2697
2772 >E	Roseton 345kV Voltage	Ravenswood 3	18.4	327.8	331.9	2825
2781 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	20.6	327.8	328.5	2751
2782 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	19.6	327.8	328.0	2751
2785 >E	Somerset 345kV Voltage	SBK Princetown 345	19.8	327.8	327.8	2785
2785 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	19.8	327.8	327.8	2785
2785 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	19.8	327.8	327.8	2785
2785 >E	Buchanan South 345kV Voltage	SBK Edic R70	20.8	327.8	328.3	2780
2790 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	19.0	327.8	328.8	2759
2791 >E	Ramapo 345kV Voltage	SBK Edic R945	19.8	327.8	330.4	2250
2792 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	19.8	327.8	330.4	2250
2795 >E	Buchanan South 345kV Voltage	SBK Princetown 345	21.1	327.8	327.8	2795
2795 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	21.1	327.8	327.8	2795
2795 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	21.1	327.8	327.8	2795
2796 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	19.1	327.8	328.5	2254
2796 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	19.1	327.8	328.5	2254
2799 >E	Pleasant Valley 345kV Voltage	Marcy South S.	21.1	327.8	328.4	2895
2805 >E	Leeds 345kV Voltage	SBK Edic R945	16.3	327.8	327.8	2260
2805 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	16.3	327.8	327.8	2774
2805 >E	Leeds 345kV Voltage	Volney-Marcy	16.3	327.8	327.8	2737
2805 >E	Leeds 345kV Voltage	SBK Princetown 345	16.3	327.8	327.8	2805
2805 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	16.3	327.8	327.8	2805
2805 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	16.3	327.8	327.8	2805
2805 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	16.3	327.8	327.8	2260
2805 >E	Leeds 345kV Voltage	SBK Edic R70	16.3	327.8	327.8	2797
2805 >E	Leeds 345kV Voltage	Ravenswood 3	16.3	327.8	327.8	2855
2806 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	19.7	327.8	328.0	2799
2811 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	19.8	327.8	327.8	2811
2811 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	19.8	327.8	327.8	2811
2811 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	19.8	327.8	327.8	2811
2814 >E	Buchanan South 345kV Voltage	Volney-Marcy	21.8	327.8	326.9	2746
2822 >E	Dunwoodie 345kV Voltage	Marcy South S.	27.0	327.8	321.2	2899
2824 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	20.2	327.8	327.1	2755
2825 >E	Fraser 345kV Voltage	Marcy South N.	21.2	327.8	327.8	3237
2828 >E	Ladentown 345kV Voltage	SBK Edic R945	20.1	327.8	331.4	2279

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2828 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	20.1	327.8	331.4	2279
2830 >E	Roseton 345kV Voltage	SBK Edic R945	19.1	327.8	328.9	2280
2830 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	19.1	327.8	328.9	2280
2832 >E	Sprain Brook 345kV Voltage	Marcy South S.	27.4	327.8	320.9	2901
2834 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	21.0	327.8	328.4	2803
2836 >E	Ramapo 345kV Voltage	SBK Edic R70	21.2	327.8	328.3	2825
2839 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	48.8	218.5	221.9	3075
2841 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	19.3	327.8	328.3	2809
2847 >E	Ramapo 345kV Voltage	SBK Princetown 345	21.5	327.8	327.8	2847
2847 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	21.5	327.8	327.8	2847
2847 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	21.5	327.8	327.8	2847
2848 >E	Roseton 345kV Voltage	SBK Edic R70	19.6	327.8	328.0	2836
2848 >E	Niagara 345kV Voltage	SBK Marcy R3108	18.9	327.8	351.8	2425
2849 >E	Niagara 230kV East Voltage	SBK Marcy R3108	39.3	218.5	230.4	2425
2849 >E	Niagara 230kV West Voltage	SBK Marcy R3108	39.3	218.5	230.4	2425
2851 >E	Roseton 345kV Voltage	SBK Princetown 345	19.6	327.8	327.8	2851
2851 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	19.6	327.8	327.8	2851
2851 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	19.6	327.8	327.8	2851
2861 >E	Bowline 1 345kV Voltage	SBK Edic R945	20.1	327.8	332.4	2305
2861 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	20.1	327.8	332.4	2305
2863 >E	Ramapo 500kV Voltage	Marcy South S.	60.9	500	490.5	2906
2865 >E	Roseton 345kV Voltage	Volney-Marcy	20.0	327.8	327.1	2794
2868 >E	Ramapo 345kV Voltage	Volney-Marcy	22.3	327.8	326.8	2797
2890 >E	Bowline 2 345kV Voltage	SBK Edic R945	20.9	327.8	332.7	2328
2890 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	20.9	327.8	332.7	2328
2891 >E	Ladentown 345kV Voltage	SBK Edic R70	22.2	327.8	328.6	2874
2891 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	22.2	327.8	328.6	2859
2910 >E	Ladentown 345kV Voltage	SBK Princetown 345	22.9	327.8	327.8	2910
2910 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	22.9	327.8	327.8	2910
2910 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	22.9	327.8	327.8	2910
2919 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	25.5	327.8	324.1	2454
2925 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	27.1	327.8	341.4	1495
2927 >E	Niagara 345kV Voltage	Marcy South N.	25.7	327.8	352.8	3281
2929 >E	Millwood 345kV Voltage	Marcy South S.	28.6	327.8	318.8	2918
2935 >E	Niagara 230kV East Voltage	Marcy South N.	51.1	218.5	231.7	3285
2935 >E	Niagara 230kV West Voltage	Marcy South N.	51.1	218.5	231.7	3285
2939 >E	Ladentown 345kV Voltage	Volney-Marcy	23.9	327.8	326.5	2864
2942 >E	Bowline 1 345kV Voltage	SBK Edic R70	22.8	327.8	328.9	2921

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2946 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	22.9	327.8	328.8	2913
2969 >E	Bowline 1 345kV Voltage	SBK Princetown 345	23.7	327.8	327.8	2969
2969 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	23.7	327.8	327.8	2969
2969 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	23.7	327.8	327.8	2969
2983 >E	Bowline 2 345kV Voltage	SBK Edic R70	23.9	327.8	329.0	2957
2985 >E	Ramapo 500kV Voltage	Marcy South N.	84.5	500	504.7	3306
2986 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	24.0	327.8	328.8	2952
3009 >E	Bowline 1 345kV Voltage	Volney-Marcy	25.1	327.8	326.1	2930
3012 >E	Bowline 2 345kV Voltage	SBK Princetown 345	24.9	327.8	327.8	3012
3012 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	24.9	327.8	327.8	3012
3012 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	24.9	327.8	327.8	3012
3053 >E	Bowline 2 345kV Voltage	Volney-Marcy	26.3	327.8	326.2	2972
3057 >E	Gilboa 345kV Voltage	Marcy South N.	28.4	327.8	340.7	3338
3079 >E	Somerset 345kV Voltage	Ph2 DC 1500	35.0	327.8	332.2	3275
3100 >E	Buchanan South 345kV Voltage	Marcy South S.	33.1	327.8	313.4	2948
3141 >E	Roseton 345kV Voltage	Marcy South S.	29.5	327.8	313.1	2956
3149 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	31.5	327.8	335.4	3333
3149 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	31.5	327.8	335.4	3333
3171 >E	Gardenville 230kV Voltage	Marcy South N.	38.6	207	229.6	3387
3174 >E	Buchanan North 345kV Voltage	Marcy South S.	38.2	327.8	307.3	2961
3188 >E	Gardenville 230kV Voltage	SBK Marcy R3108	34.2	207	228.3	2566
3191 >E	Ramapo 500kV Voltage	SBK Marcy R3108	94.1	500	502.1	2567
3194 >E	Gilboa 345kV Voltage	Ph2 DC 1500	32.3	327.8	331.0	3370
3272 >E	Watercure 230kV Voltage	Marcy South S.	37.9	207	227.5	2979
3277 >E	Gilboa 345kV Voltage	SBK Marcy R3108	33.8	327.8	328.6	2603
3280 >E	Gardenville 230kV Voltage	Marcy South S.	37.1	207	221.6	2980
3302 >E	Rainey 345kV Voltage	Ravenswood 3	46.3	327.8	341.2	3310
3351 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	35.1	327.8	330.2	2633
3351 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	35.1	327.8	330.2	2633
3363 >E	Farragut 345kV Voltage	Ravenswood 3	49.1	327.8	340.5	3366
3391 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	78.5	218.5	228.2	1629
3391 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	78.5	218.5	228.2	1629
3401 >E	Leeds 345kV Voltage	Marcy South N.	38.4	327.8	346.9	3487
3438 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	39.2	327.8	346.0	1642
3458 >E	Rock Tavern 345kV Voltage	Marcy South S.	35.9	327.8	259.5	3012
3469 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	59.3	327.8	337.1	1651
3489 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	36.3	327.8	317.1	1657
3489 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	36.3	327.8	317.1	1657
3498 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	50.7	327.8	340.4	1659

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3536 >E	Rainey 345kV Voltage	Pre-Fault	72.6	NA	338	3536
3550 >E	Farragut 345kV Voltage	Pre-Fault	75.8	NA	338	3550
3587 >E	Coopers Corners 345kV Voltage	Marcy South S.	30.6	327.8	93.5	3035
3591 >E	Watercure 230kV Voltage	Volney-Marcy	51.8	207	225.9	3480
3632 >E	Coopers Corners 345kV Voltage	Marcy South N.	47.4	327.8	303.0	3588
3645 >E	Gardenville 230kV Voltage	Pre-Fault	79.4	NA	217	3645
3682 >E	Gardenville 230kV Voltage	Volney-Marcy	51.6	207	216.5	3566
3705 >E	Ladentown 345kV Voltage	Marcy South S.	49.5	327.8	293.0	3056
3726 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	55.1	327.8	333.4	3813
3749 >E	Ramapo 345kV Voltage	Marcy South S.	52.1	327.8	285.9	3063
3764 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	57.9	327.8	340.8	1736
3816 >E	Goethals 345kV Voltage	Ravenswood 3	67.2	327.8	339.2	3781
3824 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	59.8	207	223.7	1753
3833 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	56.2	327.8	336.6	1756
3870 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	68.8	327.8	336.5	1766
3873 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	58.5	327.8	342.6	1767
3936 >E	Gardenville 230kV Voltage	SBK Edic R945	61.5	207	213.3	3151
3937 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	61.5	207	213.3	3151
3941 >E	Goethals 345kV Voltage	Pre-Fault	102.7	NA	338	3941
3955 >E	Bowline 1 345kV Voltage	Marcy South S.	55.6	327.8	286.2	3100
3962 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	76.8	327.8	334.2	1793
3963 >E	Bowline 2 345kV Voltage	Marcy South S.	55.0	327.8	289.6	3101
3975 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	55.0	327.8	327.8	1796
4010 >E	Gardenville 230kV Voltage	Ravenswood 3	63.6	207	212.4	3958
4020 >E	Gardenville 230kV Voltage	SBK Edic R70	63.9	207	212.3	3885
4026 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	91.0	327.8	332.9	1811
4027 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	63.2	327.8	341.8	1811
4044 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	92.3	327.8	332.8	1816
4154 >E	Pleasant Valley 345kV Voltage	Marcy South N.	77.1	327.8	341.5	3815
4174 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	68.8	327.8	329.2	3338
4174 >E	Rainey 345kV Voltage	SBK Edic R945	68.8	327.8	329.2	3338
4218 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	71.9	327.8	329.2	3372
4218 >E	Farragut 345kV Voltage	SBK Edic R945	71.9	327.8	329.2	3372
4225 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	95.8	327.8	334.6	4228
4228 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	70.8	327.8	328.5	4173
4257 >E	Rainey 345kV Voltage	SBK Edic R70	71.9	327.8	328.1	4098
4275 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	74.0	327.8	328.4	4218
4276 >E	Rainey 345kV Voltage	SBK Princetown 345	72.6	327.8	327.8	4276
4276 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	72.6	327.8	327.8	4276
4276 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	72.6	327.8	327.8	4276

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4304 >E	Farragut 345kV Voltage	SBK Edic R70	75.2	327.8	328.1	4140
4311 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	75.6	327.8	328.6	1893
4323 >E	Farragut 345kV Voltage	SBK Princetown 345	75.8	327.8	327.8	4323
4323 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	75.8	327.8	327.8	4323
4323 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	75.8	327.8	327.8	4323
4335 >E	Rainey 345kV Voltage	Volney-Marcy	74.6	327.8	327.0	4183
4385 >E	Farragut 345kV Voltage	Volney-Marcy	78.0	327.8	327.0	4230
4397 >E	Niagara 345kV Voltage	Ph2 DC 1500	72.3	327.8	333.6	4372
4407 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	78.3	207	207.4	4348
4439 >E	Niagara 230kV East Voltage	Ph2 DC 1500	153.3	218.5	222.5	4406
4439 >E	Niagara 230kV West Voltage	Ph2 DC 1500	153.3	218.5	222.5	4406
4439 >E	Gardenville 230kV Voltage	SBK Princetown 345	79.4	207	207.0	4439
4439 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	79.4	207	207.0	4439
4439 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	79.4	207	207.0	4439
4456 >E	Ramapo 345kV Voltage	Ph2 DC 1500	88.5	327.8	336.2	4421
4460 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	81.6	327.8	322.9	3095
4514 >E	Watercure 230kV Voltage	SBK Edic R945	89.4	207	221.1	3606
4515 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	89.4	207	221.1	3606
4556 >E	Leeds 345kV Voltage	SBK Marcy R3108	74.0	327.8	327.8	3135
4556 >E	Leeds 345kV Voltage	Ph2 DC 1500	74.0	327.8	327.8	4504
4705 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	93.0	327.8	333.6	4628
4764 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	106.8	327.8	335.1	4677
4779 >E	Millwood 345kV Voltage	Ph2 DC 1500	113.5	327.8	334.0	4689
4846 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	97.2	327.8	329.2	3866
4846 >E	Goethals 345kV Voltage	SBK Edic R945	97.2	327.8	329.2	3866
4854 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	132.8	327.8	333.1	4752
4867 >E	Ladentown 345kV Voltage	Ph2 DC 1500	99.5	327.8	336.9	4763
4869 >E	Roseton 345kV Voltage	Ph2 DC 1500	92.4	327.8	333.5	4764
4880 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	134.6	327.8	333.0	4773
4923 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	100.2	327.8	328.4	4855
4964 >E	Goethals 345kV Voltage	SBK Edic R70	101.8	327.8	328.0	4731
4989 >E	Goethals 345kV Voltage	SBK Princetown 345	102.7	327.8	327.8	4989
4989 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	102.7	327.8	327.8	4989
4989 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	102.7	327.8	327.8	4989
5071 >E	Watercure 230kV Voltage	SBK Edic R70	108.6	207	218.2	4827
5071 >E	Goethals 345kV Voltage	Volney-Marcy	105.7	327.8	327.0	4879
5077 >E	Rainey 345kV Voltage	Marcy South S.	101.5	327.8	316.8	3299
5127 >E	Watercure 230kV Voltage	Ravenswood 3	112.6	207	217.9	4982

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5154 >E	Farragut 345kV Voltage	Marcy South S.	106.5	327.8	316.8	3313
5170 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	104.8	327.8	338.2	5015
5248 >E	Roseton 345kV Voltage	Marcy South N.	106.2	327.8	335.8	4292
5319 >E	Rock Tavern 345kV Voltage	Marcy South N.	106.4	327.8	319.5	4322
5325 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	108.7	327.8	337.6	5144
5364 >E	Buchanan North 345kV Voltage	Marcy South N.	143.6	327.8	330.9	4342
5461 >E	Millwood 345kV Voltage	Marcy South N.	146.8	327.8	334.0	4384
5658 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	161.3	327.8	324.4	3593
5691 >E	Watercure 230kV Voltage	Pre-Fault	193.0	NA	215	5691
5743 >E	Sprain Brook 345kV Voltage	Marcy South N.	181.4	327.8	332.3	4507
5748 >E	Buchanan South 345kV Voltage	Marcy South N.	147.8	327.8	333.4	4509
5761 >E	Dunwoodie 345kV Voltage	Marcy South N.	183.4	327.8	332.2	4515
5822 >E	Gardenville 230kV Voltage	Ph2 DC 1500	132.6	207	211.8	5557
5991 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	143.9	327.8	323.1	3731
6020 >E	Ramapo 345kV Voltage	SBK Marcy R3108	147.6	327.8	324.1	3743
6049 >E	Ramapo 345kV Voltage	Marcy South N.	144.7	327.8	329.7	4640
6070 >E	Niagara 345kV Voltage	Marcy South S.	125.2	327.8	413.7	3475
6110 >E	Goethals 345kV Voltage	Marcy South S.	145.0	327.8	316.9	3482
6136 >E	Roseton 345kV Voltage	SBK Marcy R3108	137.7	327.8	322.7	3791
6550 >E	Ladentown 345kV Voltage	Marcy South N.	157.8	327.8	331.5	4858
6825 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	194.8	327.8	322.0	4078
6863 >E	Ladentown 345kV Voltage	SBK Marcy R3108	172.5	327.8	323.6	4094
6977 >E	Millwood 345kV Voltage	SBK Marcy R3108	216.2	327.8	320.7	4141
7045 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	185.8	207	208.0	6941
7235 >E	Watercure 230kV Voltage	SBK Princetown 345	193.0	207	207.0	7235
7235 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	193.0	207	207.0	7235
7235 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	193.0	207	207.0	7235
7240 >E	Bowline 1 345kV Voltage	Marcy South N.	173.8	327.8	331.8	5159
7291 >E	Bowline 2 345kV Voltage	Marcy South N.	173.0	327.8	331.9	5181
7349 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	267.2	327.8	320.0	4296
7368 >E	Watercure 230kV Voltage	Ph2 DC 1500	214.6	207	225.7	6844
7433 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	273.1	327.8	319.8	4331
7611 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	189.8	327.8	323.3	4405
7668 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	188.9	327.8	323.3	4428
10309 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	294.2	327.8	335.8	3613
10422 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	304.5	327.8	335.7	3646
12850 >E	Rainey 345kV Voltage	Ph2 DC 1500	387.1	327.8	337.5	11406

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
12915 >E	Farragut 345kV Voltage	Ph2 DC 1500	397.6	327.8	337.5	11459
13219 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	416.9	327.8	335.8	4448
15848 >E	Goethals 345kV Voltage	Ph2 DC 1500	517.0	327.8	338.6	13900
17829 >E	Rainey 345kV Voltage	Marcy South N.	570.5	327.8	334.9	9769
18007 >E	Farragut 345kV Voltage	Marcy South N.	588.9	327.8	334.8	9846
23998 >E	Goethals 345kV Voltage	Marcy South N.	828.5	327.8	334.8	12454
25824 >E	Rainey 345kV Voltage	SBK Marcy R3108	865.2	327.8	316.1	11977
26115 >E	Farragut 345kV Voltage	SBK Marcy R3108	893.9	327.8	316.5	12098
34063 >E	Northport 138kV Voltage	Ph2 DC 1500	2497.7	131.1	139.0	29058
34112 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	2499.8	131.1	134.2	10442
36963 >E	Goethals 345kV Voltage	SBK Marcy R3108	1325.1	327.8	314.7	16608
99525 >E	Northport 138kV Voltage	Marcy South N.	7643.5	131.1	133.3	45336
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

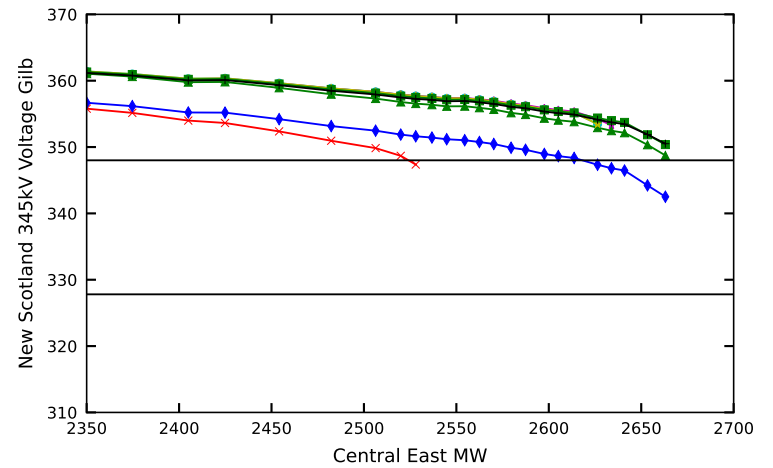
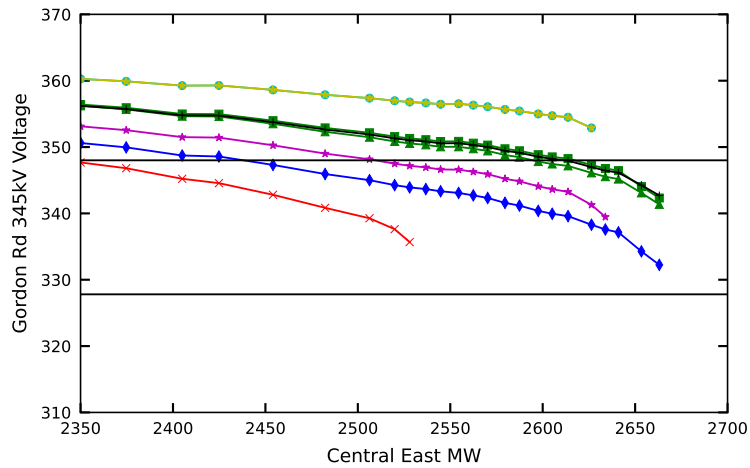
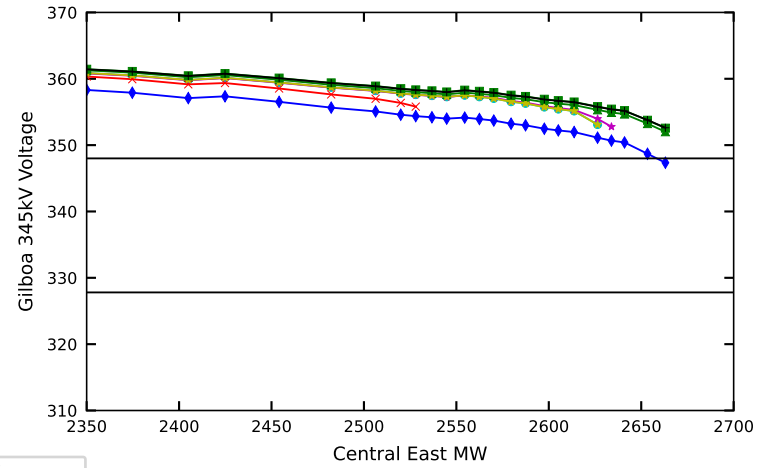
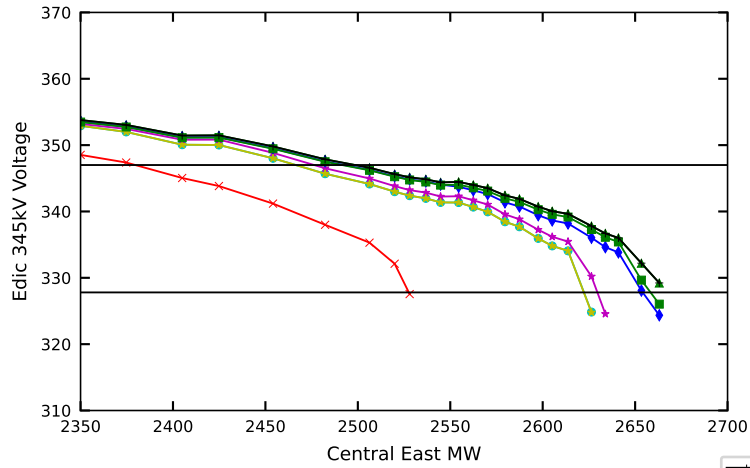
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1: 2023S CEVC PH2 CE2050 MS2270 DE1300 00 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E		345				
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
>E						
99998	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
>E						
99999	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99999
>E						

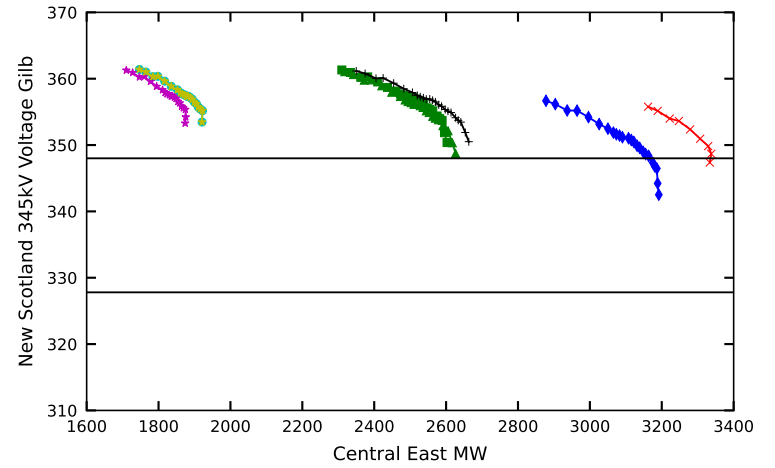
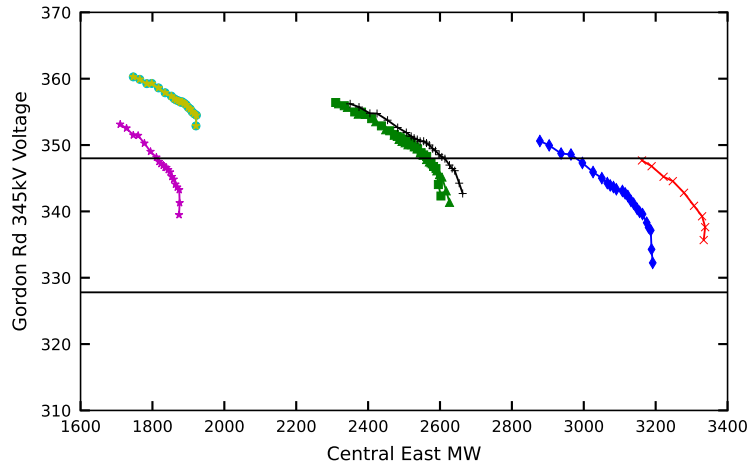
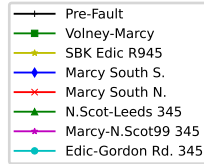
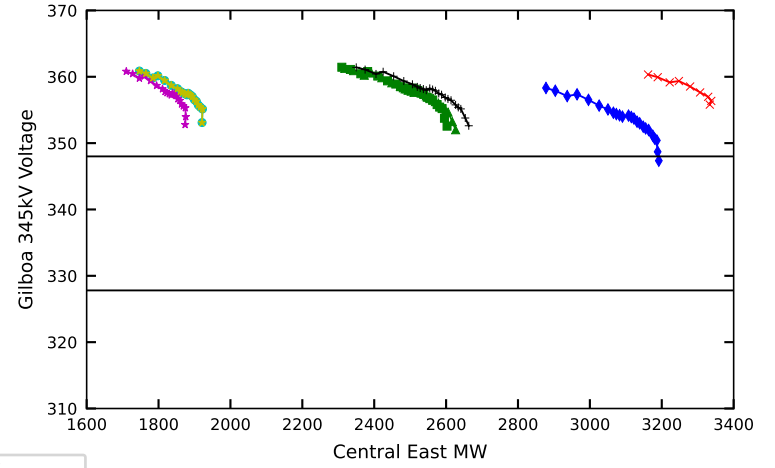
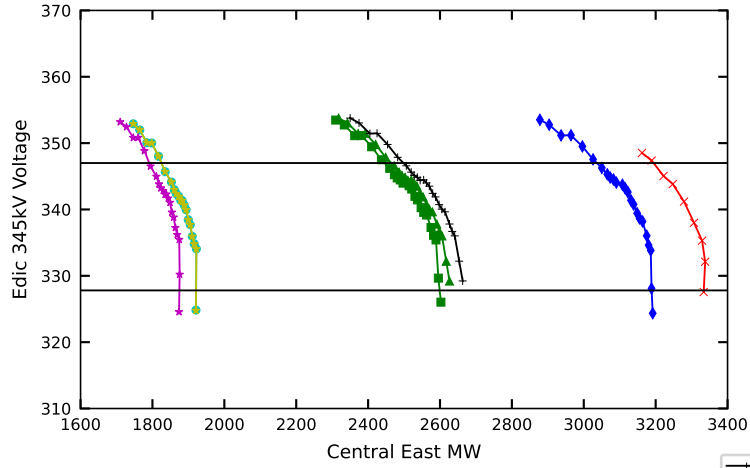
Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI Figure 1

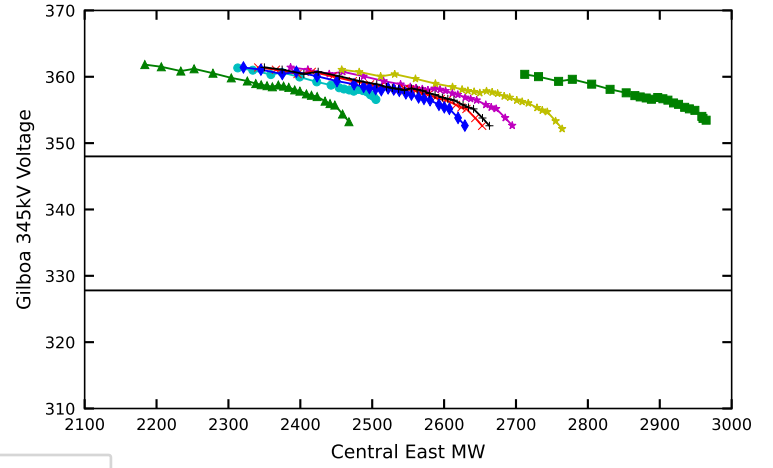
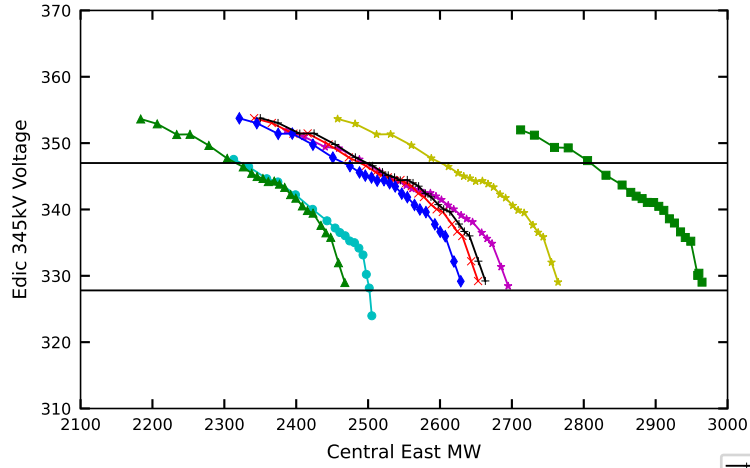


- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

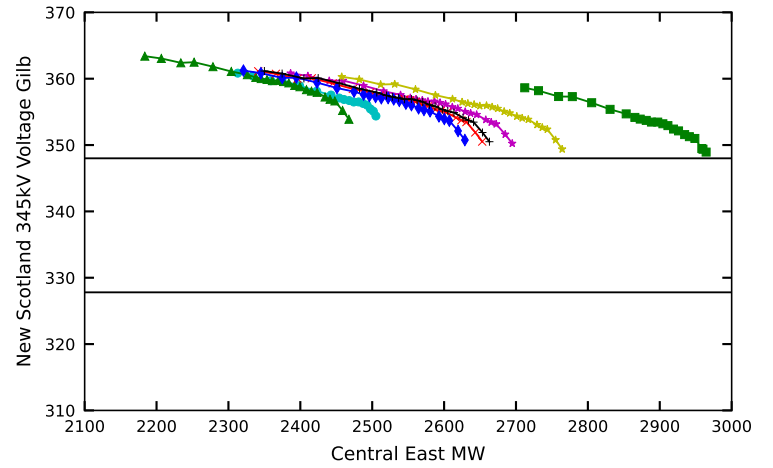
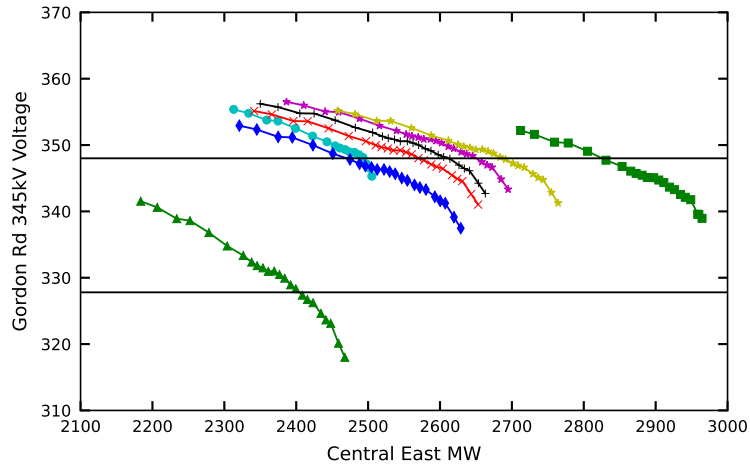
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI Figure 1



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI Figure 2



- +— Pre-Fault
- Ph2 DC 1500
- ▲— Ravenswood 3
- ◆— 361-362 Dlb Ckt Twr 345
- ×— Princetown-N.Scot 345
- ▲— SBK Princetown 345
- ◆— SBK Edic R70
- SBK Marcy R3108



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

Interface: Central East

Transfer	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
	MW	e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
2350	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2374	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2404	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2424	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2454	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2482	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2506	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2519	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2528	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2536	t1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	0															
2544	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2554	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2562	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2570	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2579	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2587	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2597	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2605	t1	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0
	8															
2613	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	9															
2626	t2	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	0															
2633	t2	0	2	0	0	2	0	2	0	2	0	0	0	0	0	0
	1															
2640	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	2															
2653	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	3															
2663	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	4															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Ravensw

ood 3

log15) 0 2 2

Ph2 DC

1500

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2229 <E	Dunwoodie 345kV Voltage	Pre-Fault	108.5	NA	348	2229
2240 <E	Sprain Brook 345kV Voltage	Pre-Fault	108.6	NA	348	2240
2393	limit with 5% margin	Marcy South N.	NA	NA	NA	3170
2467	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2379
2482	Marcy 345kV Voltage	Pre-Fault	18.8	NA	348	2482
2483	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1826
2483	limit with 5% margin	SBK Edic R945	NA	NA	NA	1826
2488	Pannell Road 345kV Voltage	Pre-Fault	34.1	NA	346	2488
2492	Clay 345kV Voltage	Pre-Fault	20.1	NA	345	2492
2493	Station 80 345kV Voltage	Pre-Fault	35.6	NA	346	2493
2495	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1781
2498	Edic 345kV Voltage	Pre-Fault	18.8	NA	347	2498
2508	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2816
2526 >E	Clay 345kV Voltage	Marcy South N.	4.4	327.8	343.3	3341
2529	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2495
2529	limit with 5% margin	Marcy South S.	NA	NA	NA	3032
2529	limit with 5% margin	Volney-Marcy	NA	NA	NA	2472
2529	limit with 5% margin	SBK Edic R70	NA	NA	NA	2560
2529	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2344
2529	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2520
2529	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2497
2529	limit with 5% margin	Ravenswood 3	NA	NA	NA	2626
2538 >E	Edic 345kV Voltage	Marcy South N.	4.3	327.8	344.3	3349
2540 >E	Marcy 345kV Voltage	Marcy South N.	4.3	327.8	344.3	3350
2579 >E	Pannell Road 345kV Voltage	Marcy South N.	7.3	327.8	342.9	3375
2581	Clay 345kV Voltage	SBK Marcy R3108	3.2	327.8	340.6	2498
2588	Edic 345kV Voltage	SBK Marcy R3108	2.4	327.8	341.8	2501
2593	Gordon Rd 345kV Voltage	SBK Princetown 345	10.4	327.8	348.8	2404
2601 >E	Gordon Rd 345kV Voltage	Marcy South N.	8.3	327.8	347.8	3388
2607 >E	Station 80 345kV Voltage	Marcy South N.	8.7	327.8	342.5	3392
2611	Gordon Rd 345kV Voltage	Pre-Fault	32.6	NA	348	2611
2613 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.6	327.8	341.3	2510
2616 >E	Oakdale 345kV Voltage	Marcy South N.	6.5	320	346.4	3398
2627 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	2.4	327.8	336.2	1875
2628 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.2	327.8	341.2	2515
2632 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	2.4	327.8	337.0	1876
2634 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.4	327.8	336.8	1876
2634	Millwood 345kV Voltage	Pre-Fault	105.4	NA	348	2634
2642 >E	Clay 345kV Voltage	Ph2 DC 1500	4.5	327.8	334.5	2965
2643	Clay 345kV Voltage	Volney-Marcy	1.9	327.8	333.8	2590

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2647 >E	Edic 345kV Voltage	Ph2 DC 1500	5.3	327.8	335.4	2968
2649 >E	Marcy 345kV Voltage	Ph2 DC 1500	5.3	327.8	335.3	2969
2650 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	3.3	327.8	336.5	1877
2651	Clay 345kV Voltage	Marcy South S.	2.1	327.8	331.6	3188
2654	Edic 345kV Voltage	Marcy South S.	2.6	327.8	332.0	3188
2655	Marcy 345kV Voltage	Marcy South S.	2.6	327.8	331.8	3189
2658	Edic 345kV Voltage	Volney-Marcy	2.7	327.8	330.7	2599
2660 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	336.3	1878
2660	Marcy 345kV Voltage	Volney-Marcy	2.7	327.8	330.1	2600
2661	Clay 345kV Voltage	SBK Edic R70	3.5	327.8	328.7	2692
2661	Clay 345kV Voltage	SBK Princetown 345	3.4	327.8	328.5	2466
2662	Clay 345kV Voltage	Ravenswood 3	3.4	327.8	328.3	2763
2663 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	3.4	327.8	327.9	2629
2663 >E	Clay 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	327.9	2627
2664 >E	Clay 345kV Voltage	Princetown-N.Scot 345	3.3	327.8	327.8	2654
2665 >E	Edic 345kV Voltage	SBK Edic R70	3.4	327.8	328.5	2697
2665 >E	Oakdale 345kV Voltage	Pre-Fault	2.9	NA	335	2665
2666 >E	Edic 345kV Voltage	SBK Princetown 345	3.2	327.8	328.0	2471
2667 >E	Edic 345kV Voltage	Ravenswood 3	3.2	327.8	328.0	2768
2667 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.2	327.8	327.9	2633
2667 >E	Edic 345kV Voltage	N.Scot-Leeds 345	3.2	327.8	327.8	2630
2667 >E	Edic 345kV Voltage	Princetown-N.Scot 345	3.2	327.8	327.8	2657
2667 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	3.2	327.8	327.8	2631
2667 >E	Marcy 345kV Voltage	SBK Edic R70	3.2	327.8	327.8	2699
2667 >E	Marcy 345kV Voltage	SBK Princetown 345	3.2	327.8	327.8	2472
2667 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	3.2	327.8	327.8	2657
2667 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.2	327.8	327.8	2633
2667 >E	Marcy 345kV Voltage	Ravenswood 3	3.2	327.8	327.8	2768
2668 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	11.4	327.8	335.5	1960
2668 >E	Clay 345kV Voltage	SBK Edic R945	11.4	327.8	335.5	1960
2669 >E	Oakdale 345kV Voltage	SBK Marcy R3108	4.0	320	340.7	2530
2674 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.0	320	337.3	1879
2676 >E	Buchanan North 345kV Voltage	Pre-Fault	25.5	NA	346	2676
2680 >E	New Scotland 345kV Voltage Alps	Pre-Fault	7.0	NA	348	2680
2680 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	7.0	NA	348	2680
2684 >E	Gordon Rd 345kV Voltage	Marcy South S.	4.8	327.8	339.3	3198
2684 >E	Marcy 345kV Voltage	SBK Edic R945	11.4	327.8	336.5	1972
2684 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	11.4	327.8	336.5	1972

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2685 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	11.5	327.8	336.3	1973
2685 >E	Edic 345kV Voltage	SBK Edic R945	11.5	327.8	336.3	1973
2689 >E	Fraser 345kV Voltage	Pre-Fault	4.1	NA	338	2689
2690 >E	Oakdale 345kV Voltage	Volney-Marcy	2.6	320	326.4	2623
2700 >E	St.Lawrence 230kV Voltage	Pre-Fault	12.9	NA	225	2700
2701 >E	Oakdale 345kV Voltage	Marcy South S.	2.7	320	322.8	3204
2701 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	342.6	1882
2701 >E	Gilboa 345kV Voltage	Pre-Fault	8.3	NA	348	2701
2705 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.9	320	321.2	2506
2706 >E	Oakdale 345kV Voltage	Ravenswood 3	2.9	320	321.0	2805
2706 >E	Coopers Corners 345kV Voltage	Pre-Fault	6.0	NA	338	2706
2707 >E	Rock Tavern 345kV Voltage	Pre-Fault	14.4	NA	348	2707
2708 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	320	320.2	2673
2708 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.9	320	320.2	2669
2709 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.9	320	320.1	2698
2709 >E	Oakdale 345kV Voltage	SBK Edic R70	3.0	320	319.8	2742
2710 >E	Marcy 345kV Voltage	SBK Marcy R3108	8.7	327.8	327.8	2544
2711 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.5	327.8	342.8	1883
2712 >E	Pleasant Valley 345kV Voltage	Pre-Fault	19.8	NA	348	2712
2713 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	340.4	1883
2718 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	5.8	327.8	333.7	2683
2730 >E	Niagara 230kV East Voltage	Pre-Fault	12.2	NA	225	2730
2730 >E	Niagara 230kV West Voltage	Pre-Fault	12.2	NA	225	2730
2731 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	327.8	2691
2731 >E	Fraser 345kV Voltage	Marcy South S.	4.1	327.8	327.8	3214
2731 >E	Fraser 345kV Voltage	Volney-Marcy	4.1	327.8	327.8	2653
2731 >E	Fraser 345kV Voltage	SBK Edic R70	4.1	327.8	327.8	2763
2731 >E	Fraser 345kV Voltage	SBK Princetown 345	4.1	327.8	327.8	2529
2731 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.8	2720
2731 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	327.8	2695
2731 >E	Fraser 345kV Voltage	Ravenswood 3	4.1	327.8	327.8	2828
2733 >E	Buchanan South 345kV Voltage	Pre-Fault	25.1	NA	346	2733
2738 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	330.5	2698
2740 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	5.6	327.8	338.3	1885
2741 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	8.2	327.8	340.1	2555
2743 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	329.7	2733
2744 >E	Gordon Rd 345kV Voltage	Volney-Marcy	5.6	327.8	329.6	2662
2744 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	14.3	327.8	338.2	3028

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2745 >E	Gordon Rd 345kV Voltage	Ravenswood 3	6.1	327.8	329.4	2841
2746 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.7	327.8	338.6	3219
2746 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.7	327.8	338.6	3219
2751 >E	Coopers Corners 345kV Voltage	Ravenswood 3	6.0	327.8	330.5	2847
2753 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	11.6	218.5	225.9	1886
2758 >E	St.Lawrence 230kV Voltage	Volney-Marcy	11.0	218.5	220.6	2672
2760 >E	Coopers Corners 345kV Voltage	SBK Edic R70	6.0	327.8	329.1	2792
2760 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	5.9	327.8	329.1	2556
2761 >E	St.Lawrence 230kV Voltage	Marcy South S.	10.8	218.5	220.3	3224
2761 >E	Somerset 345kV Voltage	SBK Marcy R3108	8.2	327.8	346.8	2562
2762 >E	Gordon Rd 345kV Voltage	SBK Edic R70	6.4	327.8	326.7	2795
2763 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	10.6	218.5	222.2	1887
2763 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	10.6	218.5	222.2	1887
2764 >E	New Scotland 345kV Voltage Alps	Marcy South N.	11.7	327.8	349.3	3490
2764 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	11.7	327.8	349.3	3490
2765 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	328.3	2723
2765 >E	Coopers Corners 345kV Voltage	Volney-Marcy	5.8	327.8	328.3	2678
2766 >E	Ramapo 500kV Voltage	Ravenswood 3	27.3	500	504.8	2861
2766 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	6.0	327.8	328.0	2730
2767 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	6.0	327.8	327.9	2757
2771 >E	Oakdale 345kV Voltage	Ph2 DC 1500	7.3	320	330.9	3045
2777 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	12.2	327.8	339.9	3048
2778 >E	St.Lawrence 230kV Voltage	Ravenswood 3	12.7	218.5	219.0	2872
2779 >E	St.Lawrence 230kV Voltage	Marcy South N.	21.3	218.5	227.4	3500
2784 >E	Ramapo 345kV Voltage	Pre-Fault	24.2	NA	346	2784
2785 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	12.9	218.5	218.5	2774
2785 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	12.9	218.5	218.5	2749
2785 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	12.9	218.5	218.5	2742
2787 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	13.0	218.5	218.3	2581
2789 >E	Niagara 230kV East Voltage	Volney-Marcy	11.1	218.5	220.1	2696
2789 >E	Niagara 230kV West Voltage	Volney-Marcy	11.1	218.5	220.1	2696
2789 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	6.0	327.8	332.4	2746
2789 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	6.0	327.8	332.4	2746
2791 >E	St.Lawrence 230kV Voltage	SBK Edic R70	13.6	218.5	218.0	2824
2794 >E	Niagara 230kV East Voltage	Marcy South S.	11.4	218.5	219.7	3236
2794 >E	Niagara 230kV West Voltage	Marcy South S.	11.4	218.5	219.7	3236
2803 >E	Gilboa 345kV Voltage	Marcy South S.	7.2	327.8	335.6	3239
2804 >E	Pannell Road 345kV Voltage	SBK Edic R945	18.4	327.8	335.7	2057
2804 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	18.4	327.8	335.7	2057

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2806 >E	Niagara 230kV East Voltage	Ravenswood 3	12.3	218.5	218.7	2899
2806 >E	Niagara 230kV West Voltage	Ravenswood 3	12.3	218.5	218.7	2899
2808 >E	Niagara 230kV East Voltage	SBK Princetown 345	12.2	218.5	218.5	2600
2808 >E	Niagara 230kV West Voltage	SBK Princetown 345	12.2	218.5	218.5	2600
2809 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	12.2	218.5	218.5	2764
2809 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	12.2	218.5	218.5	2764
2809 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	12.2	218.5	218.5	2798
2809 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	12.2	218.5	218.5	2798
2809 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	12.2	218.5	218.5	2772
2809 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	12.2	218.5	218.5	2772
2809 >E	Niagara 230kV East Voltage	SBK Edic R70	12.4	218.5	218.5	2842
2809 >E	Niagara 230kV West Voltage	SBK Edic R70	12.4	218.5	218.5	2842
2810 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	6.5	327.8	329.3	2711
2810 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	6.5	327.8	329.3	2711
2810 >E	Leeds 345kV Voltage	Pre-Fault	14.1	NA	345	2810
2812 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	6.9	327.8	329.1	2904
2812 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	6.9	327.8	329.1	2904
2816 >E	Ladentown 345kV Voltage	Pre-Fault	24.3	NA	346	2816
2820 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	7.0	327.8	327.9	2854
2820 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	7.0	327.8	327.9	2854
2821 >E	Oakdale 345kV Voltage	SBK Edic R945	10.5	320	333.0	2069
2821 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	10.5	320	333.0	2069
2822 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	7.0	327.8	327.7	2811
2822 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	7.0	327.8	327.7	2811
2824 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	7.0	327.8	327.4	2787
2824 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	7.0	327.8	327.4	2787
2826 >E	Watercure 230kV Voltage	SBK Marcy R3108	10.4	207	225.4	2585
2827 >E	Watercure 230kV Voltage	Marcy South N.	15.5	207	227.4	3530
2839 >E	Roseton 345kV Voltage	Pre-Fault	21.4	NA	345	2839
2853 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	7.3	327.8	323.2	2641
2853 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	7.3	327.8	323.2	2641
2854 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	7.9	327.8	329.5	2807
2854 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	22.4	218.5	223.1	2595
2855 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	30.8	500	505.6	1895
2859 >E	Somerset 345kV Voltage	Marcy South N.	16.4	327.8	347.2	3550
2860 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	8.4	327.8	338.4	1896
2863 >E	Gilboa 345kV Voltage	Ravenswood 3	8.2	327.8	328.4	2953

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2863 >E	Gilboa 345kV Voltage	Volney-Marcy	8.1	327.8	328.4	2751
2868 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	8.3	327.8	327.8	2857
2868 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	8.3	327.8	327.7	2831
2869 >E	Gilboa 345kV Voltage	SBK Edic R70	8.3	327.8	327.7	2903
2873 >E	Ramapo 500kV Voltage	Ph2 DC 1500	52.7	500	506.6	3108
2873 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	9.5	327.8	342.2	1897
2875 >E	Gilboa 345kV Voltage	SBK Princetown 345	8.3	327.8	327.0	2661
2878 >E	Station 80 345kV Voltage	SBK Edic R945	22.1	327.8	335.6	2109
2878 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	22.1	327.8	335.6	2109
2879 >E	Bowline 1 345kV Voltage	Pre-Fault	24.3	NA	345	2879
2882 >E	Station 80 345kV Voltage	Ph2 DC 1500	27.4	327.8	343.2	3113
2891 >E	Bowline 2 345kV Voltage	Pre-Fault	24.3	NA	345	2891
2891 >E	Fraser 345kV Voltage	SBK Edic R945	12.4	327.8	337.6	2119
2891 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	12.4	327.8	337.6	2119
2892 >E	Ramapo 500kV Voltage	Volney-Marcy	28.1	500	500.6	2772
2898 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	28.9	500	500.4	2849
2900 >E	Ramapo 500kV Voltage	SBK Princetown 345	29.3	500	500.3	2684
2905 >E	Ramapo 500kV Voltage	SBK Edic R70	29.5	500	500.1	2939
2907 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	29.6	500	500.1	2868
2908 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	29.6	500	500.0	2897
2909 >E	Ramapo 500kV Voltage	Pre-Fault	29.6	NA	500	2909
2909 >E	Fraser 345kV Voltage	SBK Marcy R3108	12.4	327.8	327.8	2614
2922 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	11.2	327.8	335.9	1901
2922 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	11.2	327.8	335.9	1901
2925 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	29.5	218.5	225.3	3140
2932 >E	Dunwoodie 345kV Voltage	Ravenswood 3	25.8	327.8	335.1	3018
2934 >E	Sprain Brook 345kV Voltage	Ravenswood 3	25.8	327.8	335.2	3020
2948 >E	Rock Tavern 345kV Voltage	Ravenswood 3	14.1	327.8	331.3	3033
2948 >E	Coopers Corners 345kV Voltage	SBK Edic R945	19.3	327.8	339.6	2159
2948 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	19.3	327.8	339.6	2159
2961 >E	Leeds 345kV Voltage	Marcy South S.	12.1	327.8	334.3	3292
2973 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	14.1	327.8	337.4	2636
2973 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	14.1	327.8	337.4	2636
2973 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	17.0	327.8	334.6	3170
2981 >E	Buchanan North 345kV Voltage	Ravenswood 3	23.5	327.8	334.0	3064
2981 >E	Millwood 345kV Voltage	Ravenswood 3	23.3	327.8	334.6	3064
2984 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	15.5	327.8	340.2	1907
2990 >E	Fraser 345kV Voltage	Ph2 DC 1500	16.1	327.8	327.8	3180
2990 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	14.2	327.8	328.3	2937

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2991 >E	Rock Tavern 345kV Voltage	SBK Edic R70	14.4	327.8	328.3	3026
2992 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	16.6	327.8	340.0	3182
2992 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	16.6	327.8	340.0	3182
2993 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	14.3	327.8	328.1	2769
2994 >E	Rock Tavern 345kV Voltage	Volney-Marcy	14.1	327.8	328.1	2847
2996 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	16.4	207	237.9	1908
2997 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	14.4	327.8	327.9	2957
2998 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	14.4	327.8	327.8	2986
3025 >E	Buchanan South 345kV Voltage	Ravenswood 3	23.1	327.8	334.4	3105
3027 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	17.8	327.8	325.7	2655
3034 >E	Fraser 345kV Voltage	Marcy South N.	18.5	327.8	327.8	3660
3041 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	19.1	327.8	331.3	3121
3054 >E	Leeds 345kV Voltage	Volney-Marcy	14.1	327.8	327.8	2891
3054 >E	Leeds 345kV Voltage	SBK Edic R70	14.1	327.8	327.8	3090
3054 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	14.1	327.8	327.8	3013
3054 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	14.1	327.8	327.8	3042
3054 >E	Leeds 345kV Voltage	Ravenswood 3	14.1	327.8	327.8	3132
3054 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	14.1	327.8	327.8	2997
3054 >E	Leeds 345kV Voltage	SBK Princetown 345	14.1	327.8	327.8	2824
3054 >E	Niagara 230kV East Voltage	SBK Marcy R3108	33.4	218.5	230.2	2664
3054 >E	Niagara 230kV West Voltage	SBK Marcy R3108	33.4	218.5	230.2	2664
3057 >E	Niagara 345kV Voltage	SBK Marcy R3108	16.2	327.8	351.4	2666
3070 >E	Pleasant Valley 345kV Voltage	Marcy South S.	20.3	327.8	329.9	3329
3083 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	25.6	327.8	331.0	1916
3086 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	18.8	327.8	329.1	3028
3086 >E	Ramapo 500kV Voltage	Marcy South S.	51.4	500	494.0	3334
3091 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	26.2	327.8	330.9	1916
3101 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	24.8	327.8	335.1	1917
3103 >E	Ramapo 345kV Voltage	Ravenswood 3	23.0	327.8	332.9	3179
3109 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	19.8	327.8	327.9	3146
3111 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	19.6	327.8	327.8	2934
3112 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	19.8	327.8	327.7	3100
3114 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	19.8	327.8	327.6	3073
3119 >E	Ladentown 345kV Voltage	Ravenswood 3	22.9	327.8	333.6	3194
3121 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	19.5	207	221.0	1919
3124 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	24.8	327.8	328.4	3063
3128 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	28.2	327.8	328.4	3067
3130 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	28.2	327.8	328.4	3070

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3134 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	20.2	327.8	326.7	2897
3134 >E	Buchanan North 345kV Voltage	SBK Edic R70	25.4	327.8	328.0	3171
3136 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	24.7	327.8	328.6	3075
3137 >E	Buchanan North 345kV Voltage	Volney-Marcy	25.1	327.8	327.9	2953
3138 >E	Roseton 345kV Voltage	Ravenswood 3	20.8	327.8	331.0	3212
3140 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	25.5	327.8	327.8	3128
3140 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	25.5	327.8	327.8	3098
3142 >E	Dunwoodie 345kV Voltage	SBK Edic R70	29.1	327.8	328.0	3179
3144 >E	Buchanan North 345kV Voltage	SBK Princetown 345	25.6	327.8	327.6	2907
3144 >E	Sprain Brook 345kV Voltage	SBK Edic R70	29.0	327.8	328.0	3181
3144 >E	Gilboa 345kV Voltage	Marcy South N.	21.9	327.8	340.4	3729
3147 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	29.2	327.8	327.8	3135
3148 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	29.2	327.8	327.7	3106
3149 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	29.1	327.8	327.8	3137
3151 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	29.2	327.8	327.7	3108
3152 >E	Dunwoodie 345kV Voltage	Volney-Marcy	29.2	327.8	327.6	2964
3152 >E	Millwood 345kV Voltage	SBK Edic R70	25.5	327.8	328.0	3189
3154 >E	Sprain Brook 345kV Voltage	Volney-Marcy	29.1	327.8	327.6	2965
3155 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	25.8	327.8	332.6	1922
3155 >E	Bowline 1 345kV Voltage	Ravenswood 3	22.9	327.8	333.7	3228
3157 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	25.6	327.8	327.8	3145
3158 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	25.6	327.8	327.7	3116
3159 >E	Millwood 345kV Voltage	Volney-Marcy	25.5	327.8	327.7	2969
3162 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	29.6	327.8	327.3	2923
3164 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	29.5	327.8	327.3	2925
3165 >E	Bowline 2 345kV Voltage	Ravenswood 3	22.9	327.8	333.7	3238
3170 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	24.3	327.8	328.6	3107
3171 >E	Millwood 345kV Voltage	SBK Princetown 345	25.9	327.8	327.2	2932
3185 >E	Buchanan South 345kV Voltage	SBK Edic R70	25.0	327.8	328.0	3222
3185 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	25.5	327.8	334.6	1925
3190 >E	Buchanan South 345kV Voltage	Volney-Marcy	24.9	327.8	327.8	2992
3190 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	25.1	327.8	327.8	3178
3191 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	25.1	327.8	327.7	3148
3192 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	20.9	327.8	328.5	3128
3201 >E	Buchanan South 345kV Voltage	SBK Princetown 345	25.3	327.8	327.4	2959
3201 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	24.6	327.8	338.9	1926

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3203 >E	Roseton 345kV Voltage	SBK Edic R70	21.4	327.8	328.0	3240
3204 >E	Gilboa 345kV Voltage	SBK Marcy R3108	21.1	327.8	331.7	2717
3205 >E	Roseton 345kV Voltage	Volney-Marcy	21.2	327.8	327.9	3004
3208 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	21.4	327.8	327.8	3195
3208 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	21.5	327.8	327.7	3165
3209 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	23.7	327.8	328.5	3144
3216 >E	Roseton 345kV Voltage	SBK Princetown 345	21.6	327.8	327.4	2973
3219 >E	Ramapo 345kV Voltage	SBK Edic R70	24.2	327.8	328.1	3257
3219 >E	Ramapo 345kV Voltage	Volney-Marcy	23.8	327.8	328.1	3013
3225 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	24.2	327.8	327.8	3182
3225 >E	Ramapo 345kV Voltage	SBK Princetown 345	24.2	327.8	327.8	2981
3225 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	24.2	327.8	327.8	3213
3241 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	23.7	327.8	328.6	3174
3252 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	25.2	327.8	339.0	1931
3253 >E	Ladentown 345kV Voltage	SBK Edic R70	24.3	327.8	328.1	3292
3254 >E	Ladentown 345kV Voltage	Volney-Marcy	24.0	327.8	328.0	3039
3260 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	24.4	327.8	327.8	3215
3260 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	24.4	327.8	327.8	3247
3262 >E	Ladentown 345kV Voltage	SBK Princetown 345	24.4	327.8	327.7	3015
3278 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	23.7	327.8	328.6	3210
3289 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	23.7	327.8	328.6	3220
3290 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	25.1	327.8	340.1	1934
3292 >E	Bowline 1 345kV Voltage	SBK Edic R70	24.3	327.8	328.1	3330
3292 >E	Bowline 1 345kV Voltage	Volney-Marcy	24.0	327.8	328.0	3067
3298 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	24.3	327.8	327.8	3253
3298 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	24.3	327.8	327.8	3285
3301 >E	Bowline 1 345kV Voltage	SBK Princetown 345	24.4	327.8	327.7	3050
3302 >E	Bowline 2 345kV Voltage	SBK Edic R70	24.2	327.8	328.1	3341
3302 >E	Bowline 2 345kV Voltage	Volney-Marcy	23.9	327.8	328.1	3075
3306 >E	Gilboa 345kV Voltage	Ph2 DC 1500	25.9	327.8	333.8	3375
3309 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	24.3	327.8	327.8	3264
3309 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	24.3	327.8	327.8	3296
3311 >E	Leeds 345kV Voltage	Marcy South N.	26.9	327.8	344.7	3833
3312 >E	Bowline 2 345kV Voltage	SBK Princetown 345	24.4	327.8	327.7	3060
3322 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	28.0	327.8	331.1	1937
3325 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	26.0	327.8	340.9	1937

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3330 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	26.6	327.8	335.7	1938
3347 >E	Gardenville 230kV Voltage	SBK Marcy R3108	29.2	207	228.0	2767
3383 >E	Dunwoodie 345kV Voltage	Marcy South S.	42.3	327.8	319.7	3435
3395 >E	Sprain Brook 345kV Voltage	Marcy South S.	42.6	327.8	319.3	3439
3399 >E	Niagara 345kV Voltage	Marcy South N.	31.5	327.8	351.2	3889
3403 >E	Ramapo 500kV Voltage	SBK Edic R945	99.8	500	504.3	2481
3404 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	99.9	500	504.3	2482
3409 >E	Millwood 345kV Voltage	Marcy South S.	37.9	327.8	317.9	3443
3416 >E	Niagara 230kV East Voltage	Marcy South N.	63.1	218.5	231.0	3899
3416 >E	Niagara 230kV West Voltage	Marcy South N.	63.1	218.5	231.0	3899
3426 >E	Roseton 345kV Voltage	Marcy South S.	29.3	327.8	317.6	3449
3426 >E	Watercure 230kV Voltage	SBK Edic R945	35.2	207	219.8	2498
3426 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	35.2	207	219.8	2498
3432 >E	Gilboa 345kV Voltage	SBK Edic R945	30.0	327.8	337.1	2502
3432 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	30.0	327.8	337.1	2502
3440 >E	Ramapo 500kV Voltage	SBK Marcy R3108	91.5	500	502.2	2800
3489 >E	Watercure 230kV Voltage	Ph2 DC 1500	37.0	207	226.5	3489
3502 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	29.8	327.8	327.8	1953
3552 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	42.1	327.8	339.4	2587
3552 >E	Somerset 345kV Voltage	SBK Edic R945	42.1	327.8	339.4	2587
3557 >E	Coopers Corners 345kV Voltage	Marcy South N.	35.7	327.8	305.4	3988
3572 >E	Pleasant Valley 345kV Voltage	Marcy South N.	44.4	327.8	338.5	3997
3583 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	35.4	327.8	331.9	2609
3583 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	35.4	327.8	331.9	2609
3584 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	35.4	327.8	331.9	2609
3584 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	35.4	327.8	331.9	2609
3592 >E	Gordon Rd 345kV Voltage	SBK Edic R945	36.7	327.8	317.9	2615
3592 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	36.7	327.8	317.9	2615
3600 >E	Buchanan South 345kV Voltage	Marcy South S.	42.4	327.8	311.4	3508
3622 >E	Coopers Corners 345kV Voltage	Marcy South S.	24.0	327.8	185.5	3515
3688 >E	Buchanan North 345kV Voltage	Marcy South S.	48.4	327.8	306.3	3538
3695 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	43.3	327.8	335.4	3616
3723 >E	Rock Tavern 345kV Voltage	Marcy South S.	34.9	327.8	277.5	3549
3810 >E	Leeds 345kV Voltage	SBK Marcy R3108	40.3	327.8	327.8	2929
3810 >E	Ramapo 500kV Voltage	Marcy South N.	143.0	500	503.0	4146
3811 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	46.7	327.8	325.6	2930
3816 >E	Gardenville 230kV Voltage	Marcy South N.	51.5	207	229.7	4150
3840 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	64.0	327.8	335.6	3706
3897 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	52.6	327.8	328.1	2960
3925 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	53.8	327.8	334.0	3759
4007 >E	Rainey 345kV Voltage	Ravenswood 3	65.4	327.8	340.4	4032

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4039 >E	Ramapo 345kV Voltage	Ph2 DC 1500	60.4	327.8	337.8	3829
4044 >E	Millwood 345kV Voltage	Ph2 DC 1500	69.1	327.8	334.6	3832
4047 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	60.1	327.8	337.1	2937
4047 >E	Rock Tavern 345kV Voltage	SBK Edic R945	60.1	327.8	337.1	2938
4054 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	65.3	327.8	336.1	3838
4088 >E	Farragut 345kV Voltage	Ravenswood 3	69.1	327.8	339.6	4109
4106 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	82.5	327.8	333.4	3871
4119 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	83.5	327.8	333.3	3878
4134 >E	Ladentown 345kV Voltage	Ph2 DC 1500	60.8	327.8	338.8	3888
4164 >E	Ramapo 345kV Voltage	Marcy South S.	56.7	327.8	289.1	3698
4173 >E	Leeds 345kV Voltage	Ph2 DC 1500	52.6	327.8	327.8	3912
4196 >E	Ladentown 345kV Voltage	Marcy South S.	56.8	327.8	289.3	3709
4227 >E	St.Lawrence 230kV Voltage	SBK Edic R945	138.2	218.5	230.8	3065
4227 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	138.2	218.5	230.8	3065
4228 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	60.7	327.8	339.5	3946
4241 >E	Rainey 345kV Voltage	Pre-Fault	96.6	NA	338	4241
4247 >E	Roseton 345kV Voltage	Marcy South N.	62.6	327.8	333.9	4420
4252 >E	Farragut 345kV Voltage	Pre-Fault	100.5	NA	338	4252
4255 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	60.6	327.8	341.1	3963
4281 >E	Millwood 345kV Voltage	Marcy South N.	82.8	327.8	332.3	4441
4318 >E	Roseton 345kV Voltage	Ph2 DC 1500	63.6	327.8	334.6	4002
4337 >E	Roseton 345kV Voltage	SBK Marcy R3108	63.8	327.8	326.5	3114
4345 >E	Dunwoodie 345kV Voltage	Marcy South N.	98.3	327.8	331.3	4482
4360 >E	Sprain Brook 345kV Voltage	Marcy South N.	98.5	327.8	331.2	4491
4367 >E	Millwood 345kV Voltage	SBK Marcy R3108	84.4	327.8	326.2	3124
4384 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	87.9	327.8	326.8	3130
4394 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	99.1	327.8	325.8	3134
4398 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	98.7	327.8	325.9	3135
4466 >E	Bowline 1 345kV Voltage	Marcy South S.	63.2	327.8	279.8	3800
4479 >E	Bowline 2 345kV Voltage	Marcy South S.	62.7	327.8	279.6	3805
4487 >E	Rock Tavern 345kV Voltage	Marcy South N.	69.2	327.8	319.0	4570
4572 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	87.2	327.8	326.4	3196
4625 >E	Buchanan South 345kV Voltage	Marcy South N.	90.9	327.8	331.4	4657
4716 >E	Goethals 345kV Voltage	Ravenswood 3	94.1	327.8	338.4	4700
4733 >E	Buchanan North 345kV Voltage	Marcy South N.	103.8	327.8	328.6	4725
4754 >E	Ramapo 345kV Voltage	SBK Marcy R3108	87.0	327.8	326.5	3260
4771 >E	Goethals 345kV Voltage	Pre-Fault	136.1	NA	338	4771
4915 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	117.5	327.8	334.6	3552
4916 >E	Buchanan North 345kV Voltage	SBK Edic R945	117.6	327.8	334.5	3553
5008 >E	Niagara 230kV East Voltage	SBK Edic R945	169.5	218.5	226.5	3618
5008 >E	Niagara 230kV West Voltage	SBK Edic R945	169.5	218.5	226.5	3618

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5008 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	169.5	218.5	226.5	3618
5008 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	169.5	218.5	226.5	3618
5030 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	89.4	327.8	333.3	2088
5078 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	93.0	327.8	333.3	2092
5081 >E	Niagara 345kV Voltage	SBK Edic R945	83.9	327.8	343.1	3669
5081 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	83.9	327.8	343.1	3669
5086 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	82.7	327.8	327.8	3673
5086 >E	Leeds 345kV Voltage	SBK Edic R945	82.7	327.8	327.8	3673
5094 >E	Ladentown 345kV Voltage	SBK Marcy R3108	95.9	327.8	326.6	3379
5136 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	93.3	327.8	328.7	4972
5143 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	106.3	327.8	337.1	3714
5143 >E	Ramapo 345kV Voltage	SBK Edic R945	106.3	327.8	337.1	3714
5185 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	97.0	327.8	328.7	5018
5217 >E	Rainey 345kV Voltage	SBK Edic R70	96.4	327.8	327.9	5278
5230 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	96.7	327.8	327.8	5209
5235 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	96.9	327.8	327.7	5158
5237 >E	Rainey 345kV Voltage	Volney-Marcy	96.8	327.8	327.7	4506
5269 >E	Farragut 345kV Voltage	SBK Edic R70	100.3	327.8	327.9	5330
5276 >E	Rainey 345kV Voltage	SBK Princetown 345	98.1	327.8	327.3	4855
5281 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	100.6	327.8	327.8	5260
5286 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	100.8	327.8	327.7	5208
5287 >E	Farragut 345kV Voltage	Volney-Marcy	100.7	327.8	327.7	4543
5327 >E	Farragut 345kV Voltage	SBK Princetown 345	102.1	327.8	327.3	4902
5436 >E	Ramapo 345kV Voltage	Marcy South N.	112.2	327.8	325.3	5166
5519 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	130.3	327.8	334.5	3980
5522 >E	Buchanan South 345kV Voltage	SBK Edic R945	130.4	327.8	334.5	3982
5526 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	106.0	327.8	326.5	3530
5529 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	108.7	327.8	333.7	3987
5529 >E	Roseton 345kV Voltage	SBK Edic R945	108.7	327.8	333.7	3987
5540 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	116.5	327.8	329.8	3995
5540 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	116.5	327.8	329.8	3995
5545 >E	Millwood 345kV Voltage	SBK Edic R945	140.4	327.8	332.7	3998
5548 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	140.6	327.8	332.7	4001
5554 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	105.4	327.8	326.5	3540
5569 >E	Ladentown 345kV Voltage	SBK Edic R945	117.0	327.8	337.9	4015
5570 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	117.0	327.8	337.9	4016
5634 >E	Ladentown 345kV Voltage	Marcy South N.	115.6	327.8	327.7	5290
5639 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	166.3	327.8	331.7	4065
5639 >E	Sprain Brook 345kV Voltage	SBK Edic R945	166.3	327.8	331.7	4065

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
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5663 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	168.5	327.8	331.6	4082
5663 >E	Dunwoodie 345kV Voltage	SBK Edic R945	168.5	327.8	331.6	4082
5747 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	116.6	327.8	340.2	4141
5749 >E	Bowline 1 345kV Voltage	SBK Edic R945	116.7	327.8	340.2	4143
5841 >E	Gardenville 230kV Voltage	SBK Edic R945	124.4	207	220.5	4208
5841 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	124.4	207	220.5	4208
5894 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	125.9	327.8	333.1	2164
6036 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	131.4	327.8	328.7	5825
6111 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	127.9	327.8	338.8	4399
6112 >E	Bowline 2 345kV Voltage	SBK Edic R945	128.0	327.8	338.8	4400
6146 >E	Goethals 345kV Voltage	SBK Edic R70	135.8	327.8	327.9	6218
6161 >E	Bowline 1 345kV Voltage	Marcy South N.	128.0	327.8	327.5	5620
6164 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	136.3	327.8	327.8	6140
6171 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	136.5	327.8	327.7	6078
6175 >E	Goethals 345kV Voltage	Volney-Marcy	136.5	327.8	327.7	5199
6193 >E	Bowline 2 345kV Voltage	Marcy South N.	127.3	327.8	327.6	5641
6223 >E	Goethals 345kV Voltage	SBK Princetown 345	138.2	327.8	327.3	5720
6526 >E	Rainey 345kV Voltage	Marcy South S.	144.7	327.8	314.3	4496
6610 >E	Farragut 345kV Voltage	Marcy South S.	150.8	327.8	314.5	4524
7949 >E	Goethals 345kV Voltage	Marcy South S.	204.7	327.8	314.7	4976
8709 >E	Northport 138kV Voltage	Pre-Fault	685.7	NA	135	8709
9256 >E	Rainey 345kV Voltage	Ph2 DC 1500	246.6	327.8	337.7	7057
9314 >E	Farragut 345kV Voltage	Ph2 DC 1500	253.9	327.8	337.5	7093
10208 >E	Northport 138kV Voltage	Ravenswood 3	606.4	131.1	132.8	9881
11125 >E	Northport 138kV Voltage	N.Scot-Leeds 345	665.5	131.1	131.5	10651
11302 >E	Goethals 345kV Voltage	Ph2 DC 1500	334.5	327.8	338.2	8323
11362 >E	Northport 138kV Voltage	SBK Edic R70	684.2	131.1	131.1	11493
11366 >E	Rainey 345kV Voltage	SBK Marcy R3108	324.7	327.8	324.7	5574
11382 >E	Rainey 345kV Voltage	Marcy South N.	326.7	327.8	332.9	8894
11384 >E	Northport 138kV Voltage	Princetown-N.Scot 345	685.7	131.1	131.1	11338
11403 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	687.2	131.1	131.1	11223
11427	Northport 138kV Voltage	Volney-Marcy	688.7	131.1	131.0	9083

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
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11496	Northport 138kV Voltage	SBK Princetown 345	693.9	131.1	130.9	10538
>E						
11504	Farragut 345kV Voltage	SBK Marcy R3108	336.5	327.8	324.8	5622
>E						
11548	Farragut 345kV Voltage	Marcy South N.	339.6	327.8	332.8	8997
>E						
14654	Northport 138kV Voltage	Marcy South S.	942.4	131.1	126.3	7240
>E						
14696	Goethals 345kV Voltage	SBK Marcy R3108	464.8	327.8	324.3	6740
>E						
14745	Goethals 345kV Voltage	Marcy South N.	468.0	327.8	332.4	11002
>E						
16616	Rainey 345kV Voltage	Edic-Gordon Rd. 345	518.6	327.8	334.1	11840
>E						
16616	Rainey 345kV Voltage	SBK Edic R945	518.6	327.8	334.1	11840
>E						
16781	Farragut 345kV Voltage	Edic-Gordon Rd. 345	535.4	327.8	334.0	11957
>E						
16781	Farragut 345kV Voltage	SBK Edic R945	535.4	327.8	334.0	11957
>E						
21733	Goethals 345kV Voltage	Edic-Gordon Rd. 345	734.5	327.8	334.2	15465
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21783	Goethals 345kV Voltage	SBK Edic R945	736.4	327.8	334.2	15500
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24137	Northport 138kV Voltage	Ph2 DC 1500	1685.9	131.1	137.9	16263
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29866	Northport 138kV Voltage	Marcy South N.	2152.5	131.1	133.2	20481
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32448	Northport 138kV Voltage	SBK Marcy R3108	2343.5	131.1	129.5	12953
>E						
65887	Northport 138kV Voltage	Edic-Gordon Rd. 345	4965.9	131.1	134.8	46741
>E						
65887	Northport 138kV Voltage	SBK Edic R945	4965.9	131.1	134.8	46741
>E						
99998	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
>E						
99998	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Niagara 230kV East Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998	Pannell Road 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
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99998	Pannell Road 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
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Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

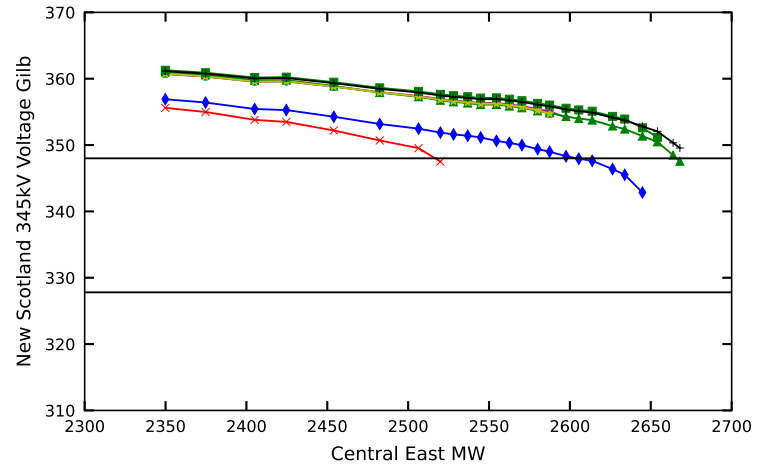
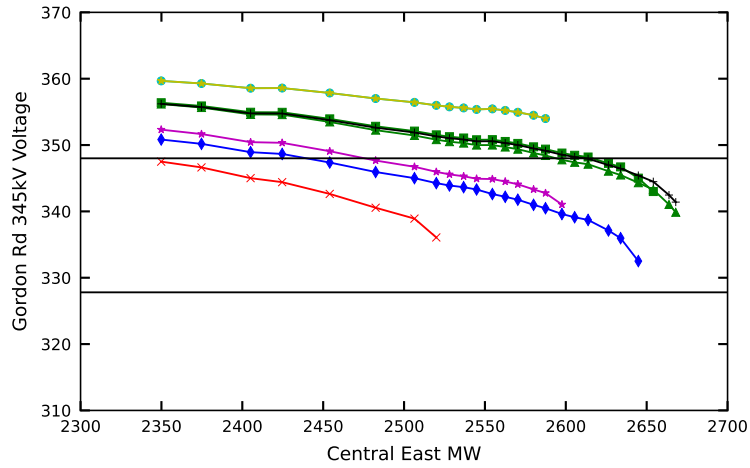
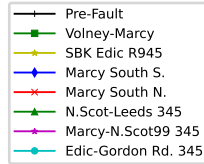
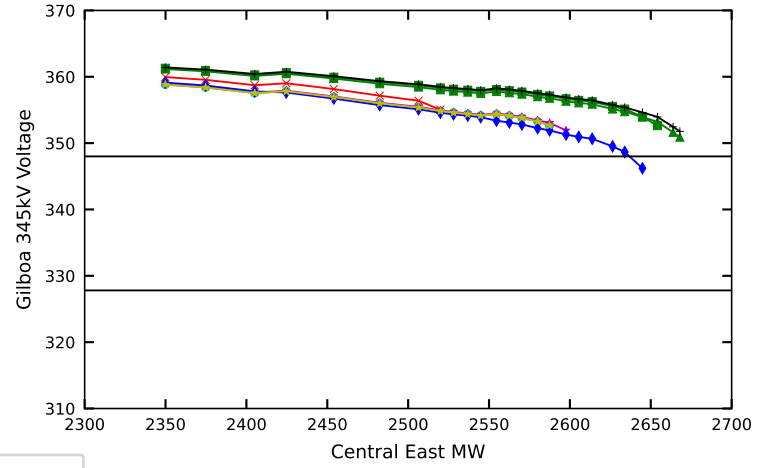
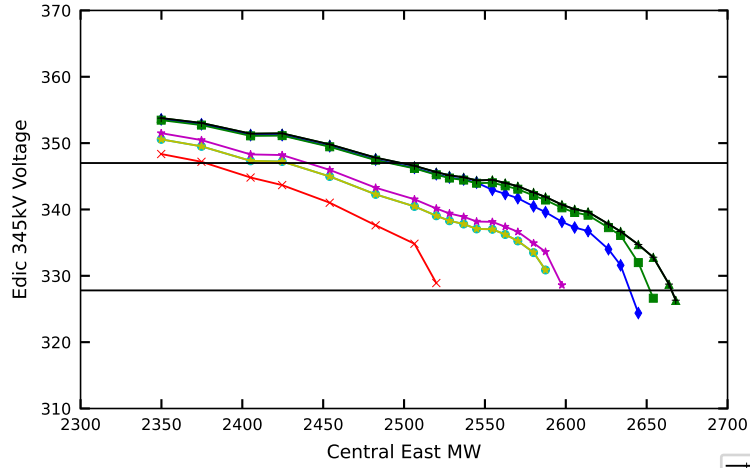
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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 ALI

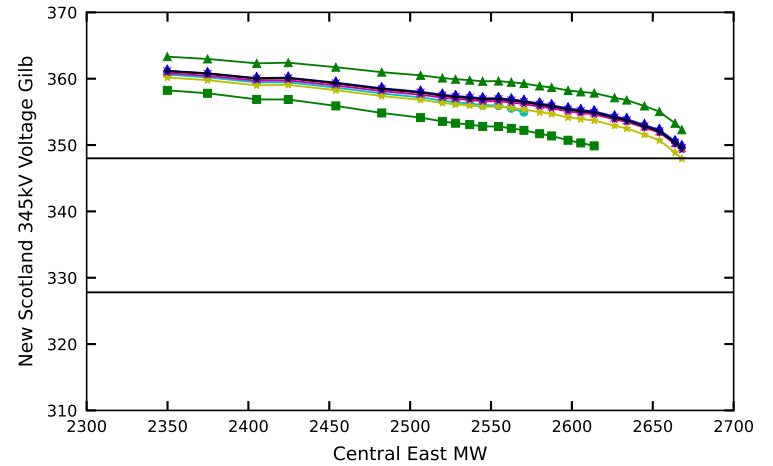
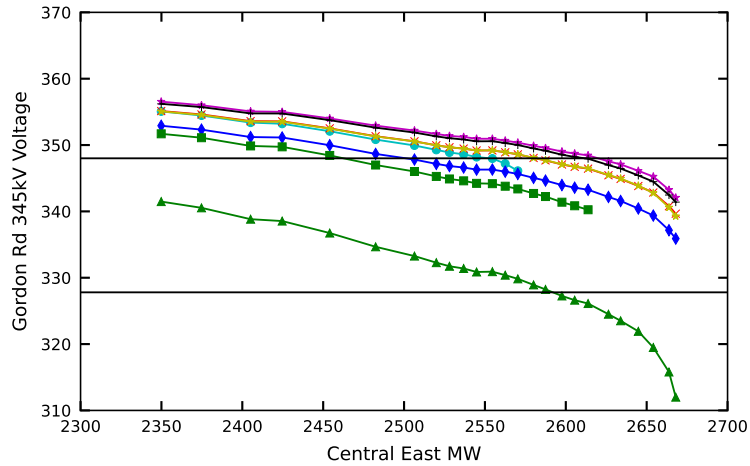
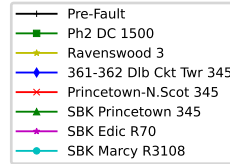
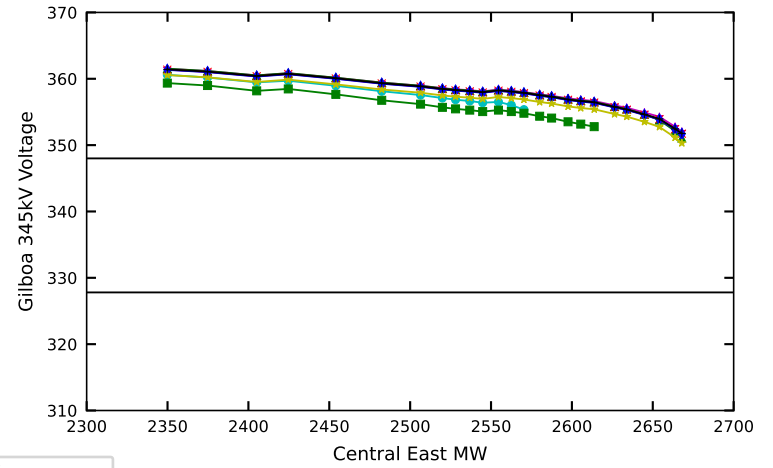
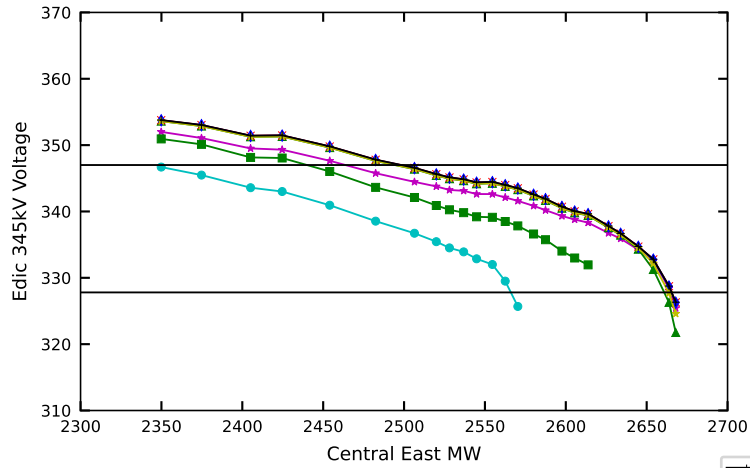
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				<-Post->	<-Pre->	
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99998 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	361-362 D1b Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 D1b Ckt Twr 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

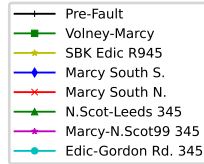
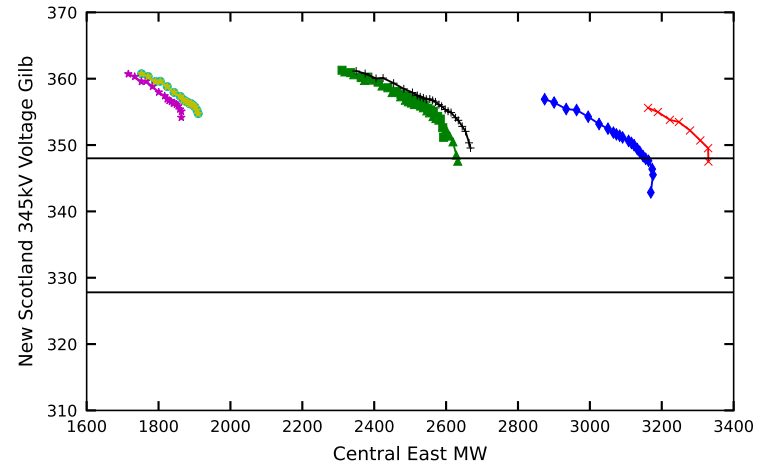
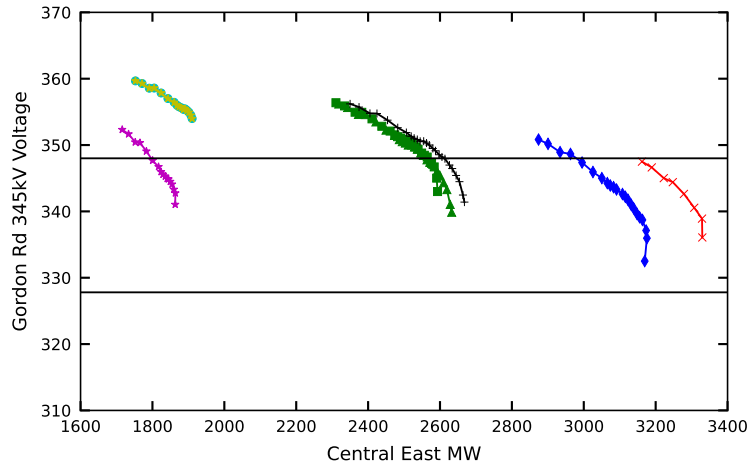
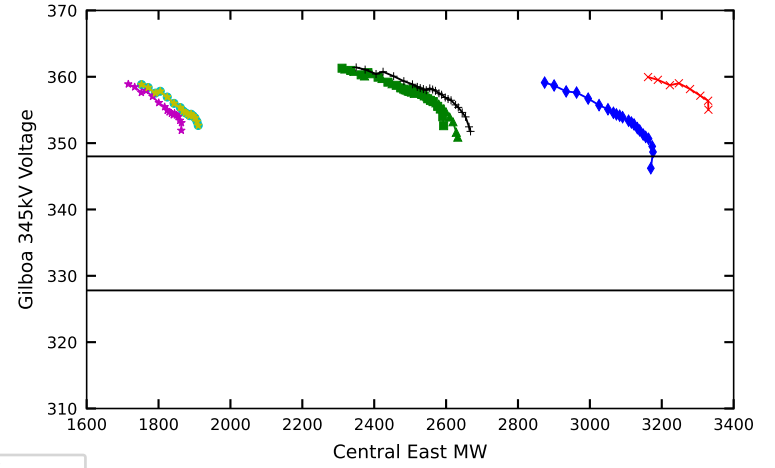
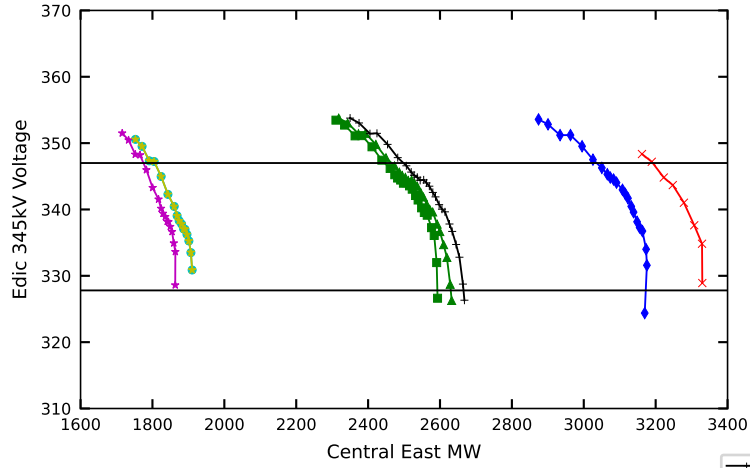
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS Figure 1



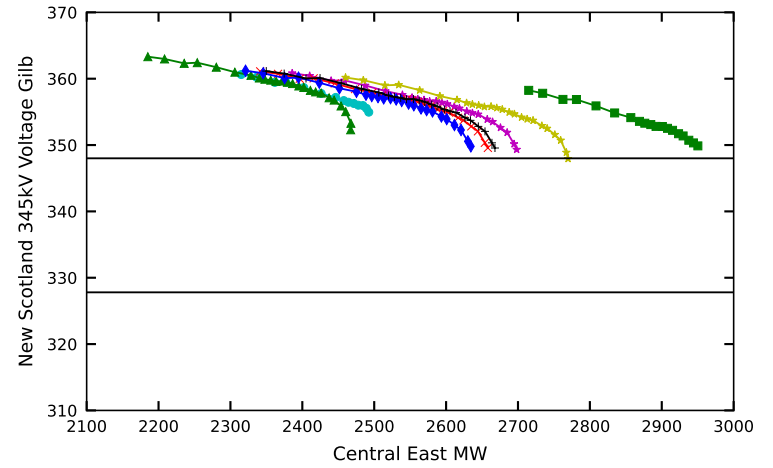
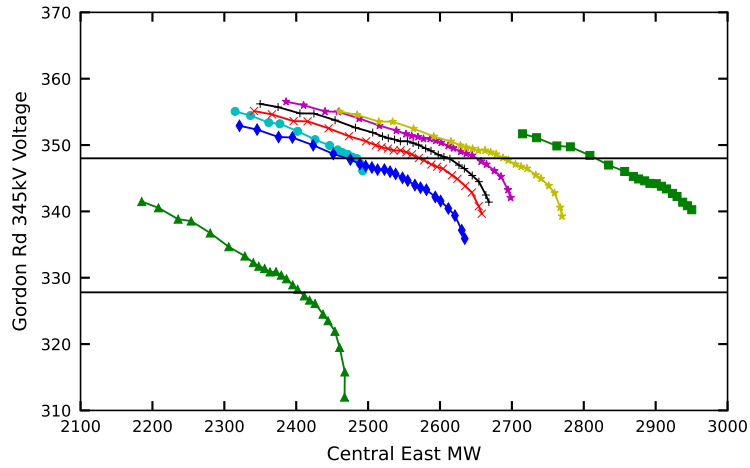
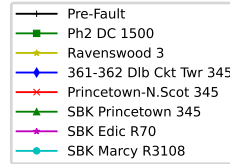
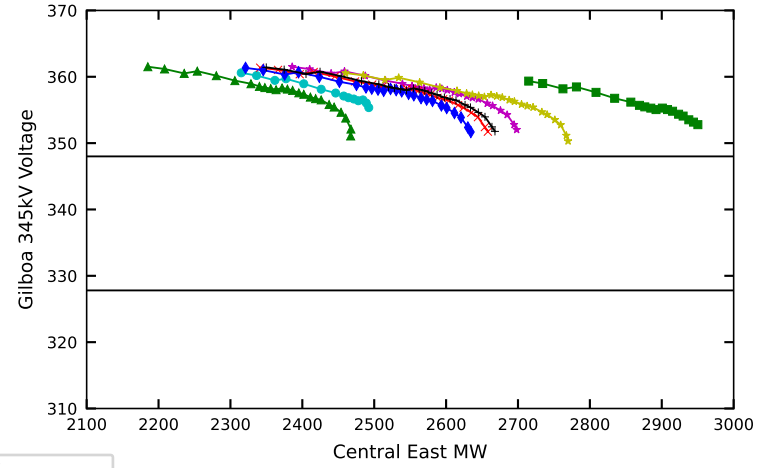
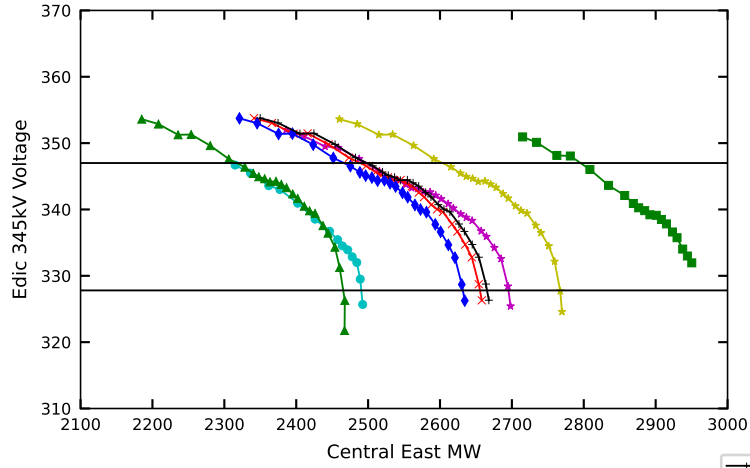
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS Figure 2



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS Figure 1



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2349	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2374	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2405	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2424	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2454	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2482	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2506	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2519	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2528	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2536	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2544	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2554	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2562	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2570	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2580	t1	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0
	5															
2587	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	6															
2597	t1	0	1	0	0	2	0	1	0	2	0	0	0	0	0	0
	7															
2605	t1	0	2	1	0	2	0	2	0	2	0	0	0	0	0	0
	8															
2613	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	9															
2626	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	0															
2633	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	1															
2644	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	2															
2654	t2	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2
	3															
2663	t2	0	2	2	0	2	2	2	2	2	0	0	0	0	0	2
	4															
2667	t2	0	2	2	0	2	2	2	2	2	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-20-2023 08:59

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Interface: Central East

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Interface: Central East

Dlb Ckt																									
Twr 345																									
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																									
wood 3																									
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2
Ph2 DC																									
1500																									

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2098 >E	Dunwoodie 345kV Voltage	Pre-Fault	218.4	NA	348	2098
2127 >E	Sprain Brook 345kV Voltage	Pre-Fault	216.8	NA	348	2127
2393	limit with 5% margin	Marcy South N.	NA	NA	NA	3163
2441	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2367
2458	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1814
2458	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1770
2458	limit with 5% margin	SBK Edic R945	NA	NA	NA	1814
2481	Marcy 345kV Voltage	Pre-Fault	14.1	NA	348	2481
2483	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2802
2487	Pannell Road 345kV Voltage	Pre-Fault	36.3	NA	346	2487
2491	Clay 345kV Voltage	Pre-Fault	21.6	NA	345	2491
2492	Station 80 345kV Voltage	Pre-Fault	37.5	NA	346	2492
2498	Edic 345kV Voltage	Pre-Fault	19.5	NA	347	2498
2502	limit with 5% margin	Marcy South S.	NA	NA	NA	3016
2515	Clay 345kV Voltage	Marcy South N.	2.2	327.8	343.8	3329
2521	limit with 5% margin	Volney-Marcy	NA	NA	NA	2463
2522 >E	Edic 345kV Voltage	Marcy South N.	2.3	327.8	345.5	3329
2523 >E	Marcy 345kV Voltage	Marcy South N.	2.3	327.8	345.5	3329
2530	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2344
2534	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2500
2534	limit with 5% margin	SBK Edic R70	NA	NA	NA	2563
2534	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2525
2534	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2502
2534	limit with 5% margin	Ravenswood 3	NA	NA	NA	2631
2542 >E	Pannell Road 345kV Voltage	Marcy South N.	3.7	327.8	344.2	3331
2557 >E	Oakdale 345kV Voltage	Marcy South N.	3.2	320	349.4	3331
2557 >E	Station 80 345kV Voltage	Marcy South N.	4.5	327.8	344.0	3331
2559 >E	Gordon Rd 345kV Voltage	Marcy South N.	4.8	327.8	349.6	3331
2563	Clay 345kV Voltage	SBK Marcy R3108	1.8	327.8	342.0	2489
2566	Edic 345kV Voltage	SBK Marcy R3108	2.0	327.8	343.8	2490
2590 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.2	327.8	343.4	2500
2591	Gordon Rd 345kV Voltage	SBK Princetown 345	10.3	327.8	348.9	2406
2593 >E	Clay 345kV Voltage	SBK Edic R945	2.7	327.8	339.8	1913
2593 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	339.8	1913
2596 >E	Edic 345kV Voltage	SBK Edic R945	2.8	327.8	341.1	1914
2596 >E	Marcy 345kV Voltage	SBK Edic R945	2.8	327.8	341.2	1914
2596 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	341.1	1914
2596 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	341.2	1914
2604 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.9	327.8	343.6	2507
2611	Gordon Rd 345kV Voltage	Pre-Fault	31.4	NA	348	2611

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2616 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	6.1	327.8	337.9	1881
2618 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.8	320	346.9	2513
2620 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	338.9	1883
2625 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	338.6	1886
2628 >E	Pannell Road 345kV Voltage	SBK Edic R945	4.5	327.8	340.7	1929
2629 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	4.6	327.8	340.6	1929
2634	Millwood 345kV Voltage	Pre-Fault	44.8	NA	348	2634
2639	Clay 345kV Voltage	Volney-Marcy	2.3	327.8	334.4	2587
2642 >E	Clay 345kV Voltage	Ph2 DC 1500	7.5	327.8	336.6	2971
2643 >E	Clay 345kV Voltage	Marcy South S.	3.1	327.8	334.2	3178
2643 >E	Oakdale 345kV Voltage	SBK Edic R945	3.8	320	344.1	1936
2644 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.8	320	344.0	1936
2645 >E	Edic 345kV Voltage	Marcy South S.	3.1	327.8	334.9	3178
2646 >E	Edic 345kV Voltage	Ph2 DC 1500	8.0	327.8	338.1	2974
2647 >E	Marcy 345kV Voltage	Marcy South S.	3.1	327.8	334.8	3179
2647 >E	Station 80 345kV Voltage	SBK Edic R945	5.5	327.8	340.8	1938
2647 >E	Fraser 345kV Voltage	SBK Edic R945	4.7	327.8	350.2	1939
2648 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.6	327.8	340.7	1938
2648 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.8	327.8	350.2	1938
2649 >E	Fraser 345kV Voltage	SBK Marcy R3108	4.1	327.8	351.3	2526
2650 >E	Marcy 345kV Voltage	Ph2 DC 1500	8.0	327.8	338.0	2977
2651 >E	New Scotland 345kV Voltage Alps	Marcy South N.	6.7	327.8	353.1	3337
2651 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	6.7	327.8	353.1	3337
2652	Edic 345kV Voltage	Volney-Marcy	1.7	327.8	333.2	2592
2653 >E	St.Lawrence 230kV Voltage	Marcy South N.	11.5	218.5	229.8	3337
2653	Marcy 345kV Voltage	Volney-Marcy	1.7	327.8	333.0	2593
2657	Clay 345kV Voltage	SBK Princetown 345	1.9	327.8	330.2	2463
2660	Clay 345kV Voltage	Ravenswood 3	2.1	327.8	329.2	2764
2660	Edic 345kV Voltage	SBK Princetown 345	2.0	327.8	330.0	2465
2661	Marcy 345kV Voltage	SBK Princetown 345	2.0	327.8	329.8	2465
2662	Clay 345kV Voltage	SBK Edic R70	2.3	327.8	328.4	2692
2662 >E	Pannell Road 345kV Voltage	Volney-Marcy	2.9	327.8	337.2	2595
2663	Clay 345kV Voltage	N.Scot-Leeds 345	2.3	327.8	328.0	2627
2663	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	2.3	327.8	328.0	2629
2663	Clay 345kV Voltage	Princetown-N.Scot 345	2.3	327.8	327.9	2653
2663	Edic 345kV Voltage	Ravenswood 3	2.2	327.8	328.8	2767
2663 >E	Fraser 345kV Voltage	Marcy South N.	5.9	327.8	347.9	3337
2664	Marcy 345kV Voltage	Ravenswood 3	1.4	327.8	328.7	2767
2664	Oakdale 345kV Voltage	Pre-Fault	2.3	NA	335	2664
2664	Edic 345kV Voltage	SBK Edic R70	1.4	327.8	328.2	2695

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2665	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	1.7	327.8	327.9	2631
2665	Edic 345kV Voltage	N.Scot-Leeds 345	1.7	327.8	327.8	2629
2665	Edic 345kV Voltage	Princeton-N.Scot 345	1.7	327.8	327.8	2655
2665 >E	Watercure 230kV Voltage	Marcy South N.	7.8	207	230.7	3338
2665	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	1.7	327.8	327.8	2632
2665	Marcy 345kV Voltage	N.Scot-Leeds 345	1.7	327.8	327.8	2630
2665	Marcy 345kV Voltage	SBK Edic R70	1.7	327.8	327.8	2696
2665	Marcy 345kV Voltage	Princeton-N.Scot 345	1.7	327.8	327.8	2655
2674 >E	Buchanan North 345kV Voltage	Pre-Fault	22.6	NA	346	2674
2676 >E	New Scotland 345kV Voltage Alps	Pre-Fault	5.4	NA	348	2676
2676 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	5.4	NA	348	2676
2676 >E	Oakdale 345kV Voltage	Volney-Marcy	2.0	320	334.9	2599
2678 >E	Station 80 345kV Voltage	Volney-Marcy	3.9	327.8	338.9	2599
2679 >E	Pannell Road 345kV Voltage	Ravenswood 3	1.8	327.8	330.4	2775
2680 >E	Fraser 345kV Voltage	Pre-Fault	2.9	NA	338	2680
2681 >E	Pannell Road 345kV Voltage	SBK Edic R70	1.9	327.8	329.2	2710
2682 >E	Pannell Road 345kV Voltage	Marcy South S.	5.6	327.8	335.8	3189
2684 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	2.1	327.8	328.0	2648
2684 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	2.1	327.8	328.0	2650
2684 >E	Pannell Road 345kV Voltage	Princeton-N.Scot 345	2.1	327.8	327.9	2674
2685 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.8	218.5	225.5	1956
2686 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	8.8	218.5	225.5	1955
2686 >E	Somerset 345kV Voltage	Marcy South N.	8.4	327.8	349.9	3339
2686 >E	Oakdale 345kV Voltage	Ravenswood 3	1.8	320	325.2	2780
2686 >E	Gordon Rd 345kV Voltage	Marcy South S.	6.5	327.8	342.8	3190
2687 >E	Station 80 345kV Voltage	Ravenswood 3	2.0	327.8	330.8	2780
2687 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	9.5	327.8	337.3	1922
2687 >E	Oakdale 345kV Voltage	SBK Princeton 345	2.0	320	325.0	2485
2690 >E	Coopers Corners 345kV Voltage	SBK Edic R945	7.3	327.8	347.8	1959
2690 >E	St.Lawrence 230kV Voltage	Pre-Fault	9.3	NA	225	2690
2690 >E	Station 80 345kV Voltage	SBK Edic R70	2.2	327.8	329.4	2717
2690 >E	Gilboa 345kV Voltage	Pre-Fault	6.1	NA	348	2690
2691 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	7.4	327.8	347.7	1958
2693 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	328.0	2657
2693 >E	Fraser 345kV Voltage	Ravenswood 3	2.3	327.8	333.5	2784
2693 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	328.0	2660
2694 >E	Station 80 345kV Voltage	Princeton-N.Scot 345	2.4	327.8	327.9	2684

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2694 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	3.3	327.8	334.6	2661
2695 >E	Oakdale 345kV Voltage	SBK Edic R70	2.0	320	321.4	2721
2696 >E	Coopers Corners 345kV Voltage	Pre-Fault	4.6	NA	338	2696
2696 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.2	320	320.7	2660
2697 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	320	320.5	2663
2697 >E	Fraser 345kV Voltage	Volney-Marcy	2.9	327.8	340.6	2604
2697 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.3	320	320.2	2688
2698 >E	Fraser 345kV Voltage	SBK Princetown 345	2.7	327.8	332.9	2493
2699 >E	Oakdale 345kV Voltage	Marcy South S.	3.5	320	333.3	3194
2700 >E	Fraser 345kV Voltage	Marcy South S.	4.1	327.8	342.4	3194
2701 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	7.2	327.8	345.0	2549
2702 >E	Rock Tavern 345kV Voltage	Pre-Fault	13.0	NA	348	2702
2704 >E	Gordon Rd 345kV Voltage	Ravenswood 3	3.2	327.8	332.2	2790
2705 >E	Station 80 345kV Voltage	Marcy South S.	6.9	327.8	336.2	3196
2707 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	2.8	327.8	328.9	2670
2707 >E	Pleasant Valley 345kV Voltage	Pre-Fault	17.9	NA	348	2707
2707 >E	Fraser 345kV Voltage	SBK Edic R70	2.5	327.8	328.8	2732
2708 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	327.8	328.3	2674
2709 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	7.4	320	339.6	1935
2709 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	8.6	327.8	346.6	1935
2709 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	2.9	327.8	328.0	2699
2710 >E	St.Lawrence 230kV Voltage	Volney-Marcy	6.3	218.5	224.4	2607
2710 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.6	327.8	330.5	2674
2712 >E	Coopers Corners 345kV Voltage	Ravenswood 3	3.6	327.8	334.5	2794
2712 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	330.2	2702
2718 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.6	327.8	328.5	2742
2720 >E	Ramapo 500kV Voltage	Ravenswood 3	15.7	500	505.8	2798
2721 >E	St.Lawrence 230kV Voltage	Ravenswood 3	6.6	218.5	221.6	2799
2723 >E	Gordon Rd 345kV Voltage	Volney-Marcy	4.6	327.8	337.5	2611
2723 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	11.2	327.8	337.0	1944
2724 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	4.1	327.8	332.3	2512
2726 >E	Buchanan South 345kV Voltage	Pre-Fault	22.7	NA	346	2726
2726 >E	Somerset 345kV Voltage	SBK Marcy R3108	7.5	327.8	350.7	2560
2726 >E	Somerset 345kV Voltage	Pre-Fault	4.5	NA	338	2726
2732 >E	Watercure 230kV Voltage	SBK Marcy R3108	7.5	207	230.3	2562
2732 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.2	327.8	330.1	2754
2733 >E	Coopers Corners 345kV Voltage	Volney-Marcy	4.5	327.8	338.3	2614
2738 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.5	327.8	328.8	2701

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2739 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	12.9	327.8	337.4	3042
2740 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	328.3	2706
2741 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	8.6	218.5	220.2	2525
2742 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	4.6	327.8	327.9	2732
2747 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	13.5	218.5	221.9	1958
2750 >E	Niagara 230kV East Voltage	Pre-Fault	15.9	NA	225	2750
2750 >E	Niagara 230kV West Voltage	Pre-Fault	15.9	NA	225	2750
2750 >E	Somerset 345kV Voltage	Ravenswood 3	3.8	327.8	332.7	2816
2751 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	9.3	218.5	218.5	2740
2751 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	9.3	218.5	218.5	2716
2751 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	9.3	218.5	218.5	2714
2753 >E	St.Lawrence 230kV Voltage	SBK Edic R70	9.6	218.5	218.2	2772
2757 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	4.5	327.8	332.9	2819
2757 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	4.5	327.8	332.9	2819
2758 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	4.6	327.8	332.7	2721
2758 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	4.6	327.8	332.7	2721
2759 >E	Niagara 230kV East Voltage	SBK Princetown 345	8.2	218.5	219.6	2538
2759 >E	Niagara 230kV West Voltage	SBK Princetown 345	8.2	218.5	219.6	2538
2759 >E	Somerset 345kV Voltage	SBK Edic R70	4.1	327.8	330.6	2777
2760 >E	Oakdale 345kV Voltage	Ph2 DC 1500	7.9	320	335.6	3058
2767 >E	Ramapo 345kV Voltage	Pre-Fault	20.9	NA	346	2767
2769 >E	St.Lawrence 230kV Voltage	Marcy South S.	12.3	218.5	223.0	3214
2771 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	4.5	327.8	328.1	2734
2771 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	4.5	327.8	328.0	2737
2772 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	4.5	327.8	327.9	2762
2772 >E	Watercure 230kV Voltage	Pre-Fault	5.8	NA	215	2772
2775 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	5.0	327.8	329.6	2791
2775 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	5.0	327.8	329.6	2791
2776 >E	Niagara 230kV East Voltage	Volney-Marcy	10.0	218.5	224.4	2625
2776 >E	Niagara 230kV West Voltage	Volney-Marcy	10.0	218.5	224.4	2625
2778 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	12.8	327.8	344.2	1976
2780 >E	Leeds 345kV Voltage	Pre-Fault	11.2	NA	345	2780
2780 >E	Pannell Road 345kV Voltage	SBK Princetown 345	14.6	327.8	335.9	2554
2781 >E	Watercure 230kV Voltage	Ravenswood 3	4.6	207	213.5	2832
2781 >E	Gilboa 345kV Voltage	Ravenswood 3	5.0	327.8	333.2	2832
2785 >E	Station 80 345kV Voltage	Ph2 DC 1500	15.7	327.8	337.7	3076
2785 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	13.8	327.8	342.5	3076
2786 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	5.4	327.8	327.6	2776

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2786 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	5.4	327.8	327.6	2776
2787 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	13.4	327.8	339.7	1982
2788 >E	New Scotland 345kV Voltage Alps	Marcy South S.	8.7	327.8	345.6	3219
2788 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	8.7	327.8	345.6	3219
2789 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	5.5	327.8	327.0	2755
2789 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	5.5	327.8	327.0	2755
2793 >E	Gilboa 345kV Voltage	Marcy South N.	10.0	327.8	350.6	3345
2796 >E	Ladentown 345kV Voltage	Pre-Fault	21.2	NA	346	2796
2799 >E	Watercure 230kV Voltage	SBK Edic R945	10.0	207	227.5	2011
2800 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	330.0	2762
2800 >E	Fraser 345kV Voltage	Ph2 DC 1500	10.8	327.8	343.6	3088
2801 >E	Watercure 230kV Voltage	SBK Edic R70	5.1	207	210.0	2813
2802 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	10.2	207	227.4	2009
2802 >E	Gilboa 345kV Voltage	SBK Edic R70	5.6	327.8	329.6	2814
2804 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	5.5	327.8	325.3	2572
2804 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	5.5	327.8	325.3	2572
2804 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	6.5	327.8	339.8	2632
2804 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	6.5	327.8	339.8	2632
2805 >E	Gilboa 345kV Voltage	SBK Princetown 345	5.8	327.8	330.4	2573
2811 >E	Somerset 345kV Voltage	SBK Edic R945	10.3	327.8	346.5	2016
2813 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	10.6	327.8	344.3	2597
2813 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	327.8	2779
2813 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	327.8	2803
2814 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	10.5	327.8	346.5	2014
2815 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	5.7	207	207.5	2777
2815 >E	Niagara 230kV East Voltage	Ravenswood 3	13.1	218.5	220.9	2852
2815 >E	Niagara 230kV West Voltage	Ravenswood 3	13.1	218.5	220.9	2852
2816 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	5.7	207	207.4	2781
2817 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	5.8	207	207.1	2807
2819 >E	Gilboa 345kV Voltage	Marcy South S.	8.9	327.8	346.0	3229
2822 >E	Roseton 345kV Voltage	Pre-Fault	19.4	NA	345	2822
2822 >E	Marcy 345kV Voltage	SBK Marcy R3108	15.9	327.8	327.8	2601
2826 >E	Gilboa 345kV Voltage	Volney-Marcy	6.9	327.8	341.5	2638
2829 >E	Watercure 230kV Voltage	Volney-Marcy	7.9	207	230.3	2639
2832 >E	Niagara 230kV East Voltage	SBK Edic R70	14.3	218.5	219.9	2840
2832 >E	Niagara 230kV West Voltage	SBK Edic R70	14.3	218.5	219.9	2840
2833 >E	Ramapo 500kV Voltage	SBK Princetown 345	21.5	500	501.3	2593

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2835 >E	Ramapo 500kV Voltage	SBK Edic R70	21.0	500	500.6	2843
2838 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	21.6	500	500.5	2799
2844 >E	Niagara 345kV Voltage	Pre-Fault	8.4	NA	338	2844
2846 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	22.2	500	500.1	2811
2848 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	22.4	500	500.0	2837
2849 >E	Ramapo 500kV Voltage	Pre-Fault	22.4	NA	500	2849
2851 >E	Bowline 1 345kV Voltage	Pre-Fault	21.2	NA	345	2851
2852 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	15.8	218.5	218.6	2813
2852 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	15.8	218.5	218.6	2813
2852 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	15.8	218.5	218.6	2817
2852 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	15.8	218.5	218.6	2817
2853 >E	Niagara 230kV East Voltage	Princeton-N.Scot 345	15.9	218.5	218.5	2843
2853 >E	Niagara 230kV West Voltage	Princeton-N.Scot 345	15.9	218.5	218.5	2843
2855 >E	Rock Tavern 345kV Voltage	Ravenswood 3	9.7	327.8	336.2	2874
2860 >E	Bowline 2 345kV Voltage	Pre-Fault	21.1	NA	345	2860
2867 >E	Ramapo 500kV Voltage	Volney-Marcy	25.7	500	504.1	2649
2877 >E	Ramapo 500kV Voltage	SBK Edic R945	38.2	500	507.1	2048
2879 >E	Niagara 345kV Voltage	Ravenswood 3	6.9	327.8	333.9	2887
2881 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	38.7	500	507.1	2045
2882 >E	Buchanan North 345kV Voltage	Ravenswood 3	16.4	327.8	336.8	2889
2882 >E	Ramapo 500kV Voltage	Ph2 DC 1500	59.1	500	507.6	3148
2883 >E	Sprain Brook 345kV Voltage	Ravenswood 3	21.2	327.8	336.7	2890
2883 >E	Dunwoodie 345kV Voltage	Ravenswood 3	21.4	327.8	336.6	2890
2883 >E	Gilboa 345kV Voltage	SBK Marcy R3108	11.4	327.8	350.2	2628
2895 >E	Gilboa 345kV Voltage	SBK Edic R945	12.4	327.8	348.1	2056
2897 >E	Gardenville 230kV Voltage	Pre-Fault	14.2	NA	217	2897
2899 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	12.5	327.8	348.0	2053
2900 >E	Niagara 345kV Voltage	SBK Edic R70	7.5	327.8	331.4	2899
2901 >E	Rock Tavern 345kV Voltage	SBK Princeton 345	10.5	327.8	330.5	2644
2902 >E	Somerset 345kV Voltage	Marcy South S.	12.8	327.8	341.5	3252
2907 >E	Millwood 345kV Voltage	Ravenswood 3	18.0	327.8	336.8	2903
2915 >E	Coopers Corners 345kV Voltage	Marcy South N.	14.2	327.8	332.8	3352
2925 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	16.4	327.8	340.8	3180
2925 >E	Buchanan South 345kV Voltage	Ravenswood 3	16.9	327.8	337.2	2914
2927 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	8.3	327.8	328.1	2886
2927 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	8.3	327.8	328.1	2891
2929 >E	Niagara 345kV Voltage	Princeton-N.Scot 345	8.4	327.8	327.9	2918

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2936 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	13.5	327.8	345.8	2651
2936 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	13.5	327.8	345.8	2651
2940 >E	Rock Tavern 345kV Voltage	SBK Edic R70	12.1	327.8	329.7	2934
2945 >E	Ramapo 345kV Voltage	Ravenswood 3	15.0	327.8	337.5	2925
2949 >E	Rock Tavern 345kV Voltage	Volney-Marcy	12.5	327.8	337.2	2670
2952 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	12.6	327.8	328.8	2912
2957 >E	Leeds 345kV Voltage	Marcy South N.	15.1	327.8	351.1	3354
2962 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	12.9	327.8	328.0	2926
2963 >E	Niagara 345kV Voltage	Marcy South N.	16.1	327.8	354.4	3354
2964 >E	Rock Tavern 345kV Voltage	Princeton-N.Scot 345	13.0	327.8	327.9	2954
2965 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	15.4	327.8	333.6	2936
2965 >E	Ladentown 345kV Voltage	Ravenswood 3	15.3	327.8	338.0	2936
2967 >E	Gardenville 230kV Voltage	Ravenswood 3	11.6	207	212.0	2937
2969 >E	Niagara 230kV East Voltage	Marcy South N.	32.1	218.5	232.3	3355
2969 >E	Niagara 230kV West Voltage	Marcy South N.	32.1	218.5	232.3	3355
2973 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	11.2	327.8	327.8	2931
2973 >E	Leeds 345kV Voltage	Princeton-N.Scot 345	11.2	327.8	327.8	2962
2973 >E	Leeds 345kV Voltage	SBK Edic R70	11.2	327.8	327.8	2962
2973 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	11.2	327.8	327.8	2936
2973 >E	Leeds 345kV Voltage	Ravenswood 3	11.2	327.8	327.8	2940
2973 >E	Gordon Rd 345kV Voltage	SBK Edic R945	14.7	327.8	331.0	2093
2973 >E	Gardenville 230kV Voltage	Volney-Marcy	12.7	207	222.2	2677
2975 >E	Leeds 345kV Voltage	SBK Princeton 345	11.3	327.8	327.8	2699
2977 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	14.5	327.8	342.3	2095
2977 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	14.5	327.8	342.3	2095
2978 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	14.9	327.8	330.7	2090
2981 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	14.6	327.8	342.1	2091
2981 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	14.6	327.8	342.1	2091
2988 >E	Bowline 1 345kV Voltage	Ravenswood 3	15.2	327.8	338.5	2949
2995 >E	Bowline 2 345kV Voltage	Ravenswood 3	15.2	327.8	338.6	2952
2995 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	34.1	218.5	227.5	2676
2997 >E	Niagara 230kV East Voltage	SBK Marcy R3108	30.8	218.5	232.3	2677
2997 >E	Niagara 230kV West Voltage	SBK Marcy R3108	30.8	218.5	232.3	2677
3000 >E	Gardenville 230kV Voltage	SBK Edic R70	12.8	207	209.8	2985
3001 >E	Niagara 345kV Voltage	SBK Marcy R3108	15.0	327.8	356.1	2679
3013 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	19.6	207	222.1	2115
3021 >E	Roseton 345kV Voltage	Ravenswood 3	15.8	327.8	334.7	2967
3021 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	18.5	327.8	345.0	3251
3021 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	18.5	327.8	345.0	3251

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3023 >E	Buchanan North 345kV Voltage	SBK Princetown 345	19.3	327.8	329.1	2734
3026 >E	Ramapo 500kV Voltage	SBK Marcy R3108	49.5	500	504.8	2690
3026 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	15.7	327.8	327.7	2737
3034 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	14.1	207	207.3	2992
3035 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	14.1	207	207.3	2998
3038 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	14.2	207	207.1	3027
3038 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	16.7	327.8	329.5	2996
3047 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	22.9	327.8	328.2	2752
3048 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	22.8	327.8	328.2	2753
3050 >E	Millwood 345kV Voltage	SBK Princetown 345	19.9	327.8	328.4	2754
3052 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	17.2	327.8	328.7	3030
3052 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	61.0	500	505.7	2138
3057 >E	Ramapo 500kV Voltage	Marcy South N.	60.9	500	506.9	3360
3058 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	21.1	327.8	340.2	2142
3058 >E	Buchanan North 345kV Voltage	SBK Edic R70	21.3	327.8	329.0	3036
3063 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	21.5	327.8	328.8	3020
3064 >E	Watercure 230kV Voltage	Marcy South S.	17.8	207	230.4	3299
3069 >E	Buchanan South 345kV Voltage	SBK Princetown 345	19.3	327.8	328.8	2768
3069 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	17.9	327.8	327.7	3059
3072 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	18.0	327.8	327.6	3035
3077 >E	Ramapo 345kV Voltage	SBK Princetown 345	18.0	327.8	329.9	2775
3081 >E	Roseton 345kV Voltage	SBK Princetown 345	16.5	327.8	329.0	2778
3084 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	22.5	327.8	327.9	3046
3084 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	22.5	327.8	327.8	3074
3091 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	22.4	327.8	329.0	3048
3095 >E	Millwood 345kV Voltage	SBK Edic R70	22.6	327.8	328.8	3068
3101 >E	Rock Tavern 345kV Voltage	SBK Edic R945	22.3	327.8	346.4	2154
3106 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	26.7	327.8	328.8	3062
3106 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	22.5	327.8	346.3	2149
3107 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	27.0	327.8	328.8	3063
3108 >E	Ladentown 345kV Voltage	SBK Princetown 345	18.3	327.8	329.7	2798
3109 >E	Somerset 345kV Voltage	Volney-Marcy	22.6	327.8	389.1	2712
3110 >E	Sprain Brook 345kV Voltage	SBK Edic R70	27.0	327.8	328.6	3081
3110 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	20.7	327.8	341.7	2173
3112 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	21.5	327.8	329.0	3068
3112 >E	Dunwoodie 345kV Voltage	SBK Edic R70	27.3	327.8	328.6	3082
3112 >E	Buchanan South 345kV Voltage	SBK Edic R70	21.5	327.8	329.0	3082
3115 >E	Ramapo 345kV Voltage	SBK Edic R70	19.6	327.8	329.4	3085

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3117 >E	Leeds 345kV Voltage	Marcy South S.	18.6	327.8	344.4	3314
3119 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	23.7	327.8	327.8	3108
3120 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	23.7	327.8	327.8	3083
3125 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	20.1	327.8	328.9	3081
3130 >E	Roseton 345kV Voltage	SBK Edic R70	18.5	327.8	329.1	3098
3132 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	18.6	327.8	329.0	3088
3134 >E	Pleasant Valley 345kV Voltage	Marcy South N.	26.3	327.8	344.5	3364
3134 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	28.3	327.8	327.8	3124
3135 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	28.3	327.8	327.7	3098
3136 >E	Buchanan North 345kV Voltage	Volney-Marcy	25.3	327.8	334.3	2719
3136 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	28.6	327.8	327.8	3125
3137 >E	Bowline 1 345kV Voltage	SBK Princetown 345	18.2	327.8	329.8	2819
3137 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	28.6	327.8	327.7	3099
3139 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	22.7	327.8	327.8	3128
3139 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	22.7	327.8	327.8	3101
3145 >E	Bowline 2 345kV Voltage	SBK Princetown 345	18.2	327.8	329.9	2825
3145 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	20.8	327.8	327.9	3108
3147 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	20.9	327.8	327.8	3136
3149 >E	Ladentown 345kV Voltage	SBK Edic R70	20.0	327.8	329.4	3114
3151 >E	Gilboa 345kV Voltage	Ph2 DC 1500	21.5	327.8	344.5	3346
3153 >E	Niagara 230kV East Voltage	SBK Edic R945	40.5	218.5	230.2	2179
3153 >E	Niagara 230kV West Voltage	SBK Edic R945	40.5	218.5	230.2	2179
3155 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	19.4	327.8	327.8	3117
3155 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	19.4	327.8	327.8	3144
3156 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	20.3	327.8	329.0	3112
3157 >E	Watercure 230kV Voltage	Ph2 DC 1500	24.8	207	221.9	3351
3160 >E	Gardenville 230kV Voltage	Marcy South N.	25.8	207	231.9	3366
3162 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	41.2	218.5	230.2	2174
3162 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	41.2	218.5	230.2	2174
3172 >E	Niagara 345kV Voltage	SBK Edic R945	20.1	327.8	351.3	2188
3179 >E	Bowline 1 345kV Voltage	SBK Edic R70	19.9	327.8	329.5	3141
3180 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	21.1	327.8	327.9	3142
3181 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	20.4	327.8	351.2	2183
3181 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	21.2	327.8	327.8	3170

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3184 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	22.8	327.8	333.5	2732
3187 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	20.2	327.8	329.1	3142
3188 >E	Bowline 2 345kV Voltage	SBK Edic R70	19.9	327.8	329.5	3148
3189 >E	Ramapo 345kV Voltage	Volney-Marcy	22.7	327.8	336.6	2733
3196 >E	Millwood 345kV Voltage	Volney-Marcy	27.5	327.8	333.3	2735
3196 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	20.2	327.8	329.1	3151
3203 >E	Ramapo 500kV Voltage	Marcy South S.	66.8	500	501.3	3339
3210 >E	Sprain Brook 345kV Voltage	Volney-Marcy	32.6	327.8	332.3	2739
3211 >E	Buchanan South 345kV Voltage	Volney-Marcy	26.0	327.8	334.4	2739
3212 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	21.1	327.8	327.9	3174
3212 >E	Dunwoodie 345kV Voltage	Volney-Marcy	32.9	327.8	332.2	2739
3214 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	21.1	327.8	327.8	3203
3222 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	21.1	327.8	327.9	3183
3223 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	21.1	327.8	327.8	3212
3230 >E	Gardenville 230kV Voltage	SBK Marcy R3108	25.5	207	231.2	2778
3230 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	23.6	327.8	333.4	2243
3230 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	23.6	327.8	333.4	2243
3236 >E	Roseton 345kV Voltage	Volney-Marcy	22.5	327.8	335.4	2745
3242 >E	Ladentown 345kV Voltage	Volney-Marcy	23.7	327.8	336.6	2747
3256 >E	Niagara 230kV East Voltage	Marcy South S.	47.2	218.5	226.7	3354
3256 >E	Niagara 230kV West Voltage	Marcy South S.	47.2	218.5	226.7	3354
3259 >E	Somerset 345kV Voltage	Ph2 DC 1500	30.6	327.8	342.4	3426
3279 >E	Bowline 1 345kV Voltage	Volney-Marcy	23.7	327.8	337.2	2757
3297 >E	Bowline 2 345kV Voltage	Volney-Marcy	23.9	327.8	337.3	2761
3299 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	39.8	327.8	330.0	2808
3325 >E	Leeds 345kV Voltage	Volney-Marcy	23.6	327.8	327.8	2769
3325 >E	Niagara 345kV Voltage	Marcy South S.	24.3	327.8	345.3	3374
3337 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	41.7	327.8	330.2	2825
3358 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	71.0	218.5	230.7	3499
3379 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	31.3	327.8	341.1	2843
3412 >E	Gardenville 230kV Voltage	SBK Edic R945	32.1	207	227.4	2302
3425 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	32.6	207	227.3	2295
3432 >E	Pleasant Valley 345kV Voltage	Marcy South S.	38.2	327.8	338.4	3405
3432 >E	Buchanan North 345kV Voltage	SBK Edic R945	43.8	327.8	341.8	2311
3440 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	44.2	327.8	341.8	2302
3460 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	37.4	327.8	341.3	2379
3463 >E	Rock Tavern 345kV Voltage	Marcy South N.	33.7	327.8	337.0	3383
3466 >E	Ramapo 345kV Voltage	SBK Edic R945	37.5	327.8	345.8	2327
3475 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	37.9	327.8	345.8	2318

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3479 >E	Roseton 345kV Voltage	Marcy South N.	35.1	327.8	343.4	3384
3484 >E	Gardenville 230kV Voltage	Marcy South S.	33.4	207	221.3	3420
3511 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	46.2	327.8	333.4	2900
3520 >E	Millwood 345kV Voltage	Marcy South N.	47.5	327.8	339.6	3386
3532 >E	Millwood 345kV Voltage	SBK Marcy R3108	45.6	327.8	331.6	2909
3564 >E	Dunwoodie 345kV Voltage	Marcy South N.	56.8	327.8	337.7	3389
3570 >E	Sprain Brook 345kV Voltage	Marcy South N.	56.7	327.8	337.7	3389
3580 >E	Ladentown 345kV Voltage	SBK Edic R945	39.8	327.8	347.1	2382
3590 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	40.2	327.8	347.0	2371
3636 >E	Bowline 1 345kV Voltage	SBK Edic R945	39.5	327.8	348.9	2408
3647 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	39.9	327.8	348.9	2397
3656 >E	Bowline 2 345kV Voltage	SBK Edic R945	39.5	327.8	349.2	2418
3661 >E	Buchanan South 345kV Voltage	SBK Edic R945	48.6	327.8	342.9	2420
3663 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	43.0	327.8	341.8	3724
3664 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	48.1	327.8	332.9	2966
3667 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	40.0	327.8	349.1	2406
3671 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	49.0	327.8	342.8	2408
3689 >E	Buchanan South 345kV Voltage	Marcy South N.	51.0	327.8	340.0	3396
3692 >E	Buchanan North 345kV Voltage	Marcy South N.	55.5	327.8	337.9	3396
3730 >E	Millwood 345kV Voltage	SBK Edic R945	55.2	327.8	340.7	2453
3739 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	55.6	327.8	340.7	2439
3740 >E	Rainey 345kV Voltage	Ravenswood 3	52.6	327.8	342.3	3370
3743 >E	Leeds 345kV Voltage	Ph2 DC 1500	38.0	327.8	344.0	3783
3762 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	83.3	218.5	227.0	2558
3762 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	83.3	218.5	227.0	2558
3794 >E	Sprain Brook 345kV Voltage	SBK Edic R945	66.8	327.8	338.7	2483
3801 >E	Farragut 345kV Voltage	Ravenswood 3	55.3	327.8	341.6	3404
3802 >E	Roseton 345kV Voltage	SBK Edic R945	45.7	327.8	343.4	2487
3802 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	41.3	327.8	343.8	2582
3803 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	67.3	327.8	338.7	2469
3809 >E	Dunwoodie 345kV Voltage	SBK Edic R945	68.0	327.8	338.6	2490
3812 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	46.0	327.8	343.3	2473
3817 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	68.4	327.8	338.5	2476
3849 >E	Ramapo 345kV Voltage	SBK Marcy R3108	51.6	327.8	337.1	3046
3858 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	51.6	327.8	334.5	3050
3868 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	65.9	327.8	340.7	3875
3949 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	55.0	327.8	342.0	3935
3954 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	54.4	327.8	338.4	2559
3962 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	54.8	327.8	338.3	2542
3993 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	72.1	327.8	337.7	2694
3999 >E	Ramapo 345kV Voltage	Marcy South N.	57.4	327.8	338.8	3413

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4004 >E	Roseton 345kV Voltage	SBK Marcy R3108	52.4	327.8	337.1	3113
4019 >E	Ladentown 345kV Voltage	SBK Marcy R3108	55.6	327.8	336.3	3120
4060 >E	Millwood 345kV Voltage	Ph2 DC 1500	70.0	327.8	340.8	4016
4061 >E	Ramapo 345kV Voltage	Ph2 DC 1500	62.0	327.8	343.8	4017
4077 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	66.7	327.8	342.3	4029
4088 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	63.6	327.8	341.1	2751
4119 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	83.0	327.8	338.8	4060
4126 >E	Rainey 345kV Voltage	Pre-Fault	89.6	NA	338	4126
4130 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	83.9	327.8	338.7	4068
4130 >E	Farragut 345kV Voltage	Pre-Fault	92.9	NA	338	4130
4151 >E	Ladentown 345kV Voltage	Marcy South N.	61.0	327.8	340.2	3422
4163 >E	Ladentown 345kV Voltage	Ph2 DC 1500	62.5	327.8	345.5	4092
4197 >E	Millwood 345kV Voltage	Marcy South S.	77.6	327.8	328.6	3625
4222 >E	Roseton 345kV Voltage	Marcy South S.	59.6	327.8	329.2	3632
4224 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	63.2	207	220.9	2831
4259 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	62.3	327.8	347.4	4163
4262 >E	Roseton 345kV Voltage	Ph2 DC 1500	61.9	327.8	343.0	4165
4272 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	61.6	327.8	336.8	3230
4276 >E	Dunwoodie 345kV Voltage	Marcy South S.	94.0	327.8	328.1	3648
4286 >E	Sprain Brook 345kV Voltage	Marcy South S.	93.8	327.8	327.9	3651
4287 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	62.3	327.8	347.7	4184
4288 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	61.2	327.8	336.9	3237
4309 >E	Goethals 345kV Voltage	Ravenswood 3	75.5	327.8	340.5	3688
4323 >E	Niagara 230kV East Voltage	Ph2 DC 1500	125.0	218.5	227.9	4210
4323 >E	Niagara 230kV West Voltage	Ph2 DC 1500	125.0	218.5	227.9	4210
4332 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	69.4	327.8	342.0	2895
4360 >E	Niagara 345kV Voltage	Ph2 DC 1500	61.4	327.8	346.5	4237
4382 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	59.1	327.8	327.8	2735
4382 >E	Leeds 345kV Voltage	SBK Edic R945	59.1	327.8	327.8	2762
4382 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	59.1	327.8	327.8	2924
4385 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	80.6	327.8	337.8	2926
4429 >E	Bowline 1 345kV Voltage	Marcy South N.	67.5	327.8	340.9	3438
4432 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	69.0	327.8	344.1	2953
4446 >E	Bowline 2 345kV Voltage	Marcy South N.	67.2	327.8	341.1	3439
4450 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	89.0	327.8	335.7	2965
4457 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	69.8	327.8	337.1	2969
4534 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	106.6	327.8	334.3	3014
4537 >E	Leeds 345kV Voltage	SBK Marcy R3108	64.1	327.8	327.8	3344
4538 >E	Buchanan South 345kV Voltage	Marcy South S.	84.4	327.8	325.4	3723
4553 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	108.2	327.8	334.2	3025
4578 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	78.6	327.8	331.9	3040

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\F_SVC_OS\Sum2023_CEVC_PH2_00_F_SVC_OS.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4588 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	73.5	327.8	343.5	3046
4633 >E	Goethals 345kV Voltage	Pre-Fault	127.2	NA	338	4633
4658 >E	Buchanan North 345kV Voltage	Marcy South S.	94.0	327.8	320.5	3758
4667 >E	Rainey 345kV Voltage	SBK Princetown 345	75.3	327.8	328.7	3955
4706 >E	Farragut 345kV Voltage	SBK Princetown 345	78.4	327.8	328.7	3984
4906 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	84.7	327.8	329.3	4830
4933 >E	Rainey 345kV Voltage	SBK Edic R70	85.7	327.8	329.0	4659
4939 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	87.6	327.8	329.3	4862
4967 >E	Farragut 345kV Voltage	SBK Edic R70	88.7	327.8	329.0	4689
5041 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	89.6	327.8	327.8	5027
5045 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	89.8	327.8	327.8	4991
5079 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	92.9	327.8	327.8	5065
5080 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	92.9	327.8	327.8	5026
5155 >E	Gardenville 230kV Voltage	Ph2 DC 1500	96.8	207	222.2	4824
5404 >E	Goethals 345kV Voltage	SBK Princetown 345	106.5	327.8	328.7	4503
5445 >E	Rainey 345kV Voltage	Volney-Marcy	104.7	327.8	334.7	3324
5451 >E	Ramapo 345kV Voltage	Marcy South S.	105.2	327.8	311.7	3986
5484 >E	Farragut 345kV Voltage	Volney-Marcy	108.3	327.8	334.6	3335
5546 >E	Ladentown 345kV Voltage	Marcy South S.	106.6	327.8	314.6	4013
5601 >E	Rock Tavern 345kV Voltage	Marcy South S.	95.9	327.8	280.8	4029
5743 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	120.0	327.8	329.3	5651
5787 >E	Goethals 345kV Voltage	SBK Edic R70	121.7	327.8	328.9	5398
5934 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	127.4	327.8	327.8	5918
5935 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	127.4	327.8	327.8	5874
6023 >E	Bowline 1 345kV Voltage	Marcy South S.	117.7	327.8	309.7	4151
6056 >E	Bowline 2 345kV Voltage	Marcy South S.	117.1	327.8	313.7	4160
6464 >E	Goethals 345kV Voltage	Volney-Marcy	147.8	327.8	334.3	3591
7037 >E	Coopers Corners 345kV Voltage	Marcy South S.	108.2	327.8	53.2	4443
7242 >E	Rainey 345kV Voltage	SBK Marcy R3108	172.7	327.8	332.1	4517
7449 >E	Farragut 345kV Voltage	SBK Marcy R3108	184.1	327.8	332.2	4607
7525 >E	Rainey 345kV Voltage	Marcy South N.	184.9	327.8	342.5	3614
7607 >E	Farragut 345kV Voltage	Marcy South N.	191.8	327.8	342.3	3618
8278 >E	Rainey 345kV Voltage	SBK Edic R945	211.1	327.8	344.0	4613
8318 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	212.6	327.8	343.9	4545
8351 >E	Farragut 345kV Voltage	SBK Edic R945	218.1	327.8	343.7	4648
8393 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	219.7	327.8	343.7	4579
9164 >E	Goethals 345kV Voltage	SBK Marcy R3108	253.0	327.8	331.9	5350
9195 >E	Northport 138kV Voltage	Pre-Fault	740.8	NA	135	9195

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\F_SVC_OS\Sum2023_CEVC_PH2_00_F_SVC_OS.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
9315 >E	Rainey 345kV Voltage	Ph2 DC 1500	248.8	327.8	344.9	7890
9377 >E	Farragut 345kV Voltage	Ph2 DC 1500	256.3	327.8	344.6	7936
9384 >E	Goethals 345kV Voltage	Marcy South N.	263.2	327.8	341.9	3719
9594 >E	Northport 138kV Voltage	SBK Princetown 345	544.6	131.1	131.4	7615
9906 >E	Northport 138kV Voltage	Ravenswood 3	582.3	131.1	134.0	6824
10334 >E	Goethals 345kV Voltage	SBK Edic R945	297.9	327.8	343.7	5590
10392 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	300.1	327.8	343.6	5498
10540 >E	Rainey 345kV Voltage	Marcy South S.	294.6	327.8	328.4	5451
10642 >E	Farragut 345kV Voltage	Marcy South S.	304.4	327.8	328.4	5480
11347 >E	Goethals 345kV Voltage	Ph2 DC 1500	336.3	327.8	344.9	9388
11616 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	334.1	327.8	337.7	7200
11645 >E	Northport 138kV Voltage	N.Scot-Leeds 345	706.6	131.1	131.7	11445
11712 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	344.6	327.8	337.6	7257
11739 >E	Northport 138kV Voltage	SBK Edic R70	713.9	131.1	131.6	10551
12110 >E	Northport 138kV Voltage	Princetown-N.Scot 345	742.8	131.1	131.1	12083
12110 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	742.8	131.1	131.1	11997
13202 >E	Northport 138kV Voltage	Volney-Marcy	828.2	131.1	133.9	5358
13470 >E	Goethals 345kV Voltage	Marcy South S.	418.2	327.8	328.5	6294
14847 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	470.7	327.8	337.8	9109
19966 >E	Northport 138kV Voltage	Marcy South N.	1373.9	131.1	137.1	4321
25734 >E	Northport 138kV Voltage	Ph2 DC 1500	1817.4	131.1	140.6	19993
27640 >E	Northport 138kV Voltage	SBK Edic R945	1966.8	131.1	139.2	13810
27743 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1974.8	131.1	139.2	13475

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

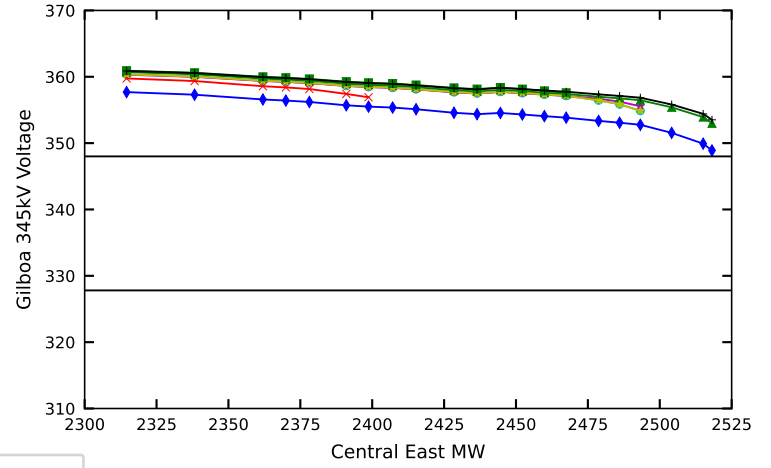
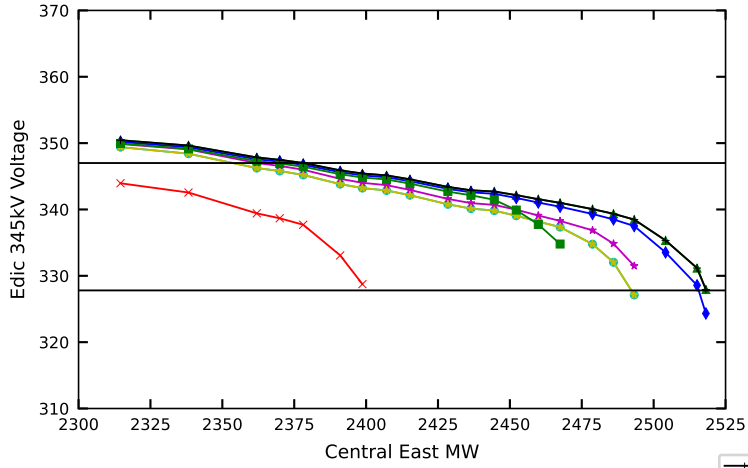
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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 F_SVC_OS

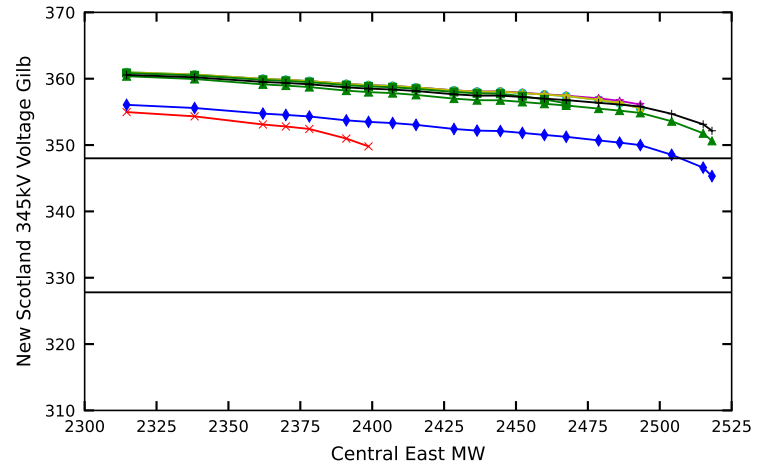
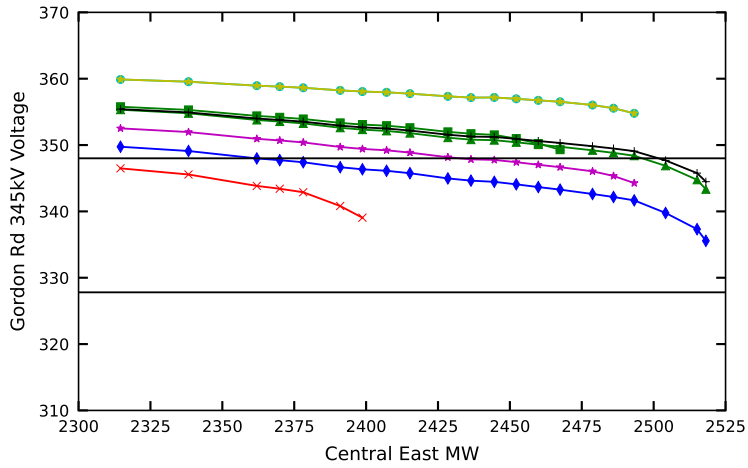
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
40228 >E	Northport 138kV Voltage	Marcy South S.	2949.7	131.1	129.7	13996
42891 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	3162.3	131.1	136.3	25685
99998 >E	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Station 80 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

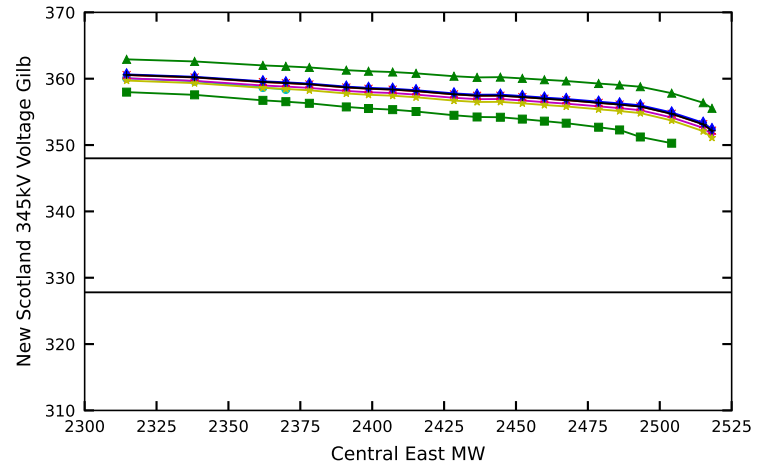
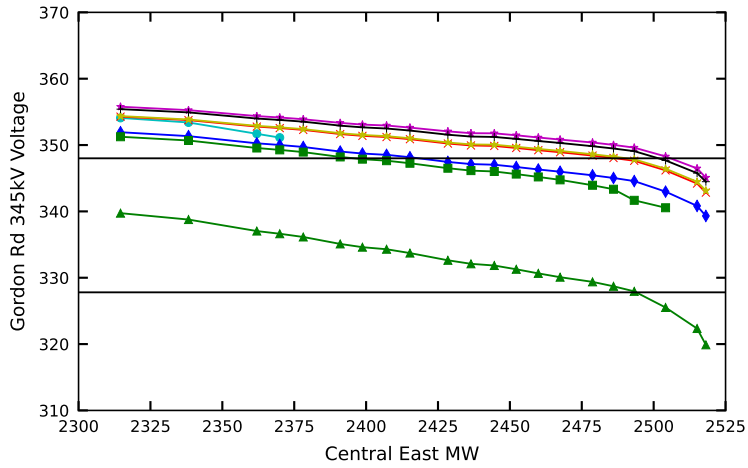
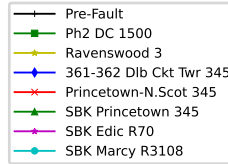
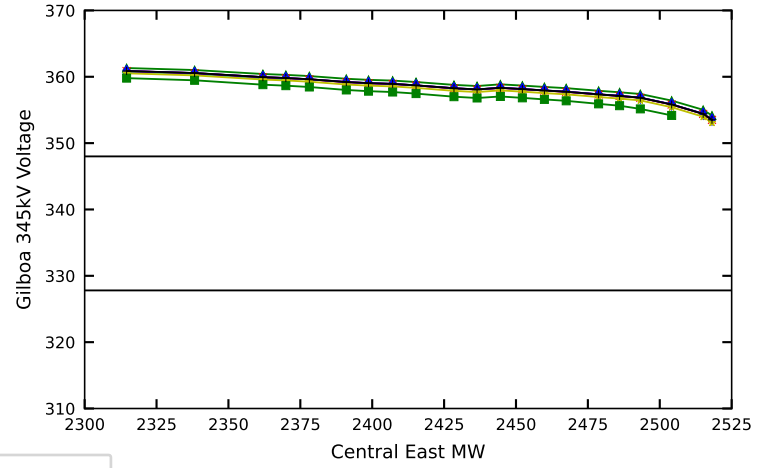
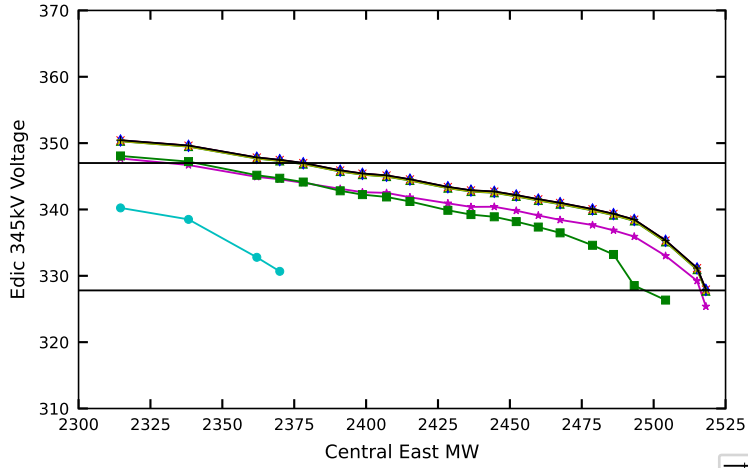
1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS Figure 1



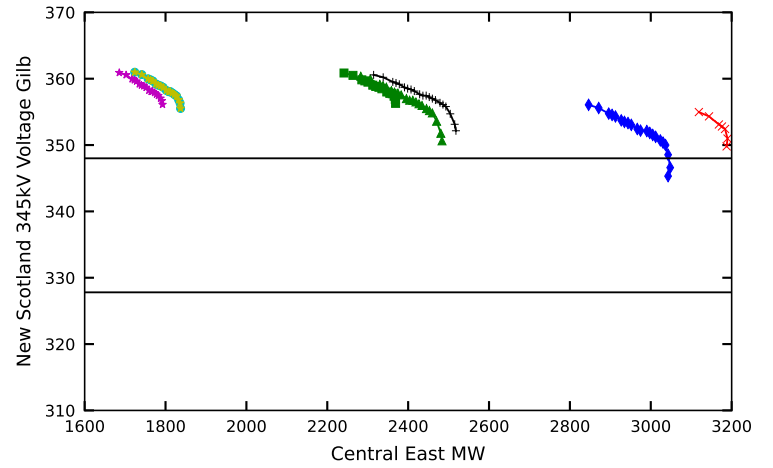
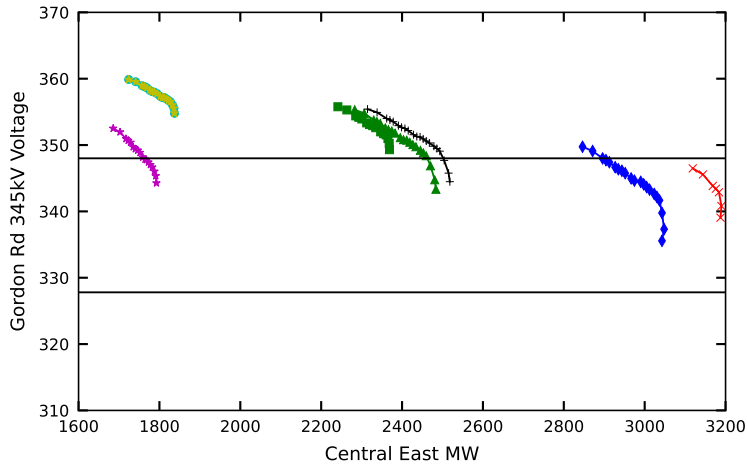
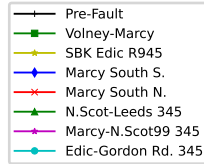
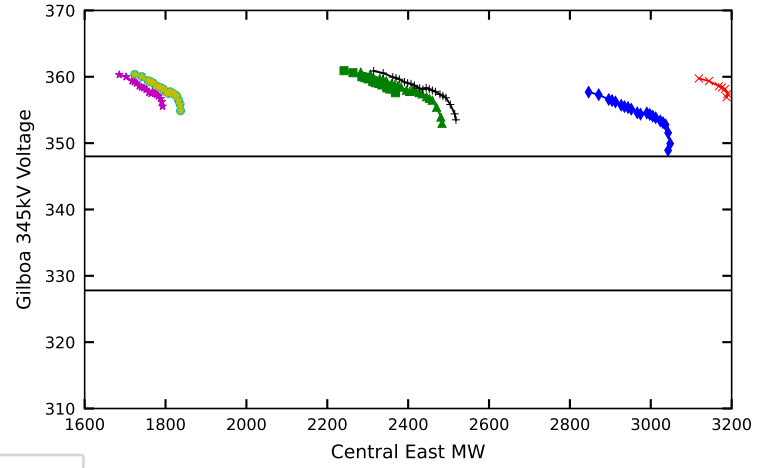
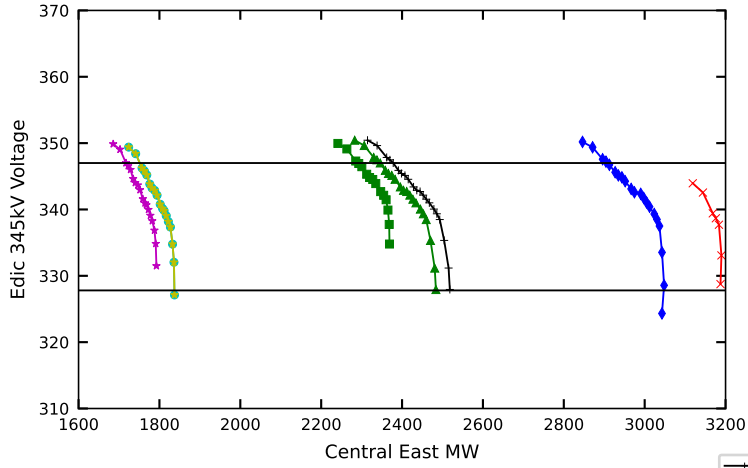
- Pre-Fault
- Volney-Marcy
- ▲ SBK Edic R945
- ◆ Marcy South S.
- ✕ Marcy South N.
- ▲ N.Scot-Leeds 345
- ◆ Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



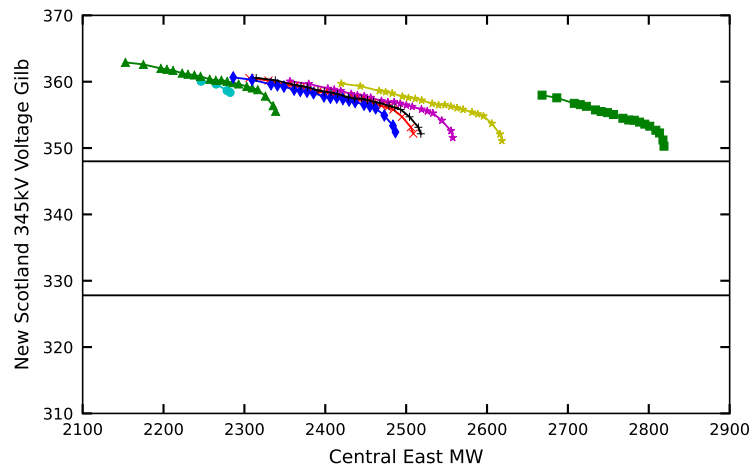
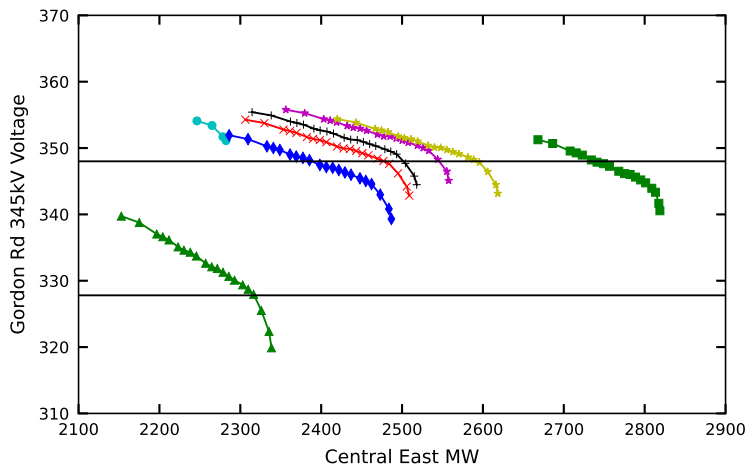
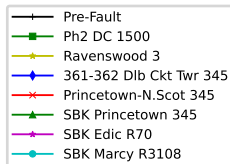
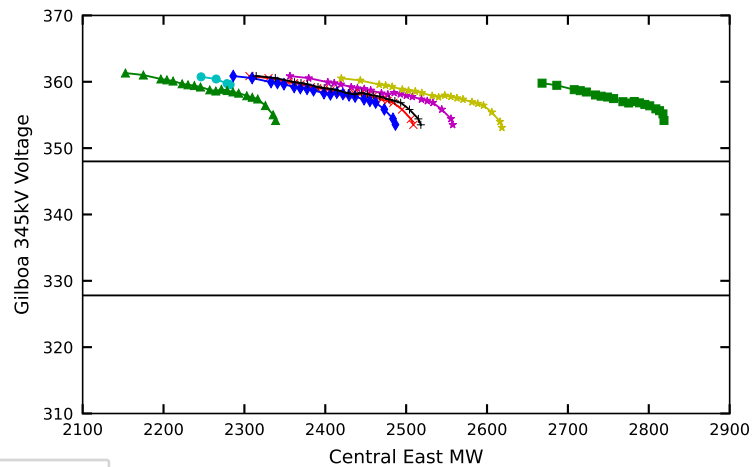
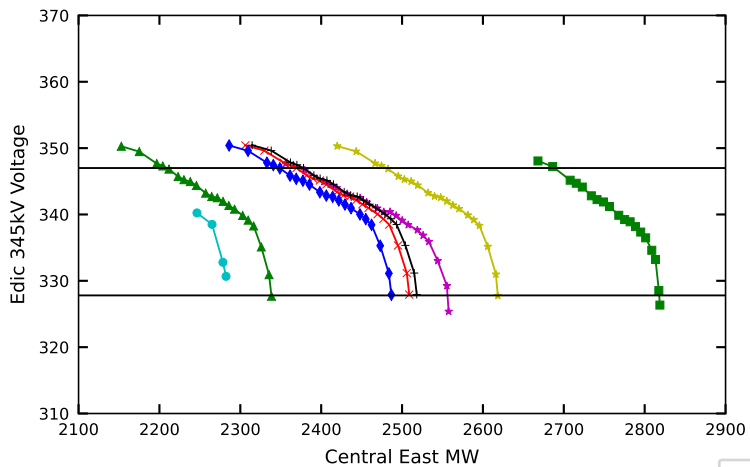
1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS Figure 2



1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS Figure 1



1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 0S Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\FE1_OS\Sum2023_CEVC_PH2_00_FE1_OS.xlsx

1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2314	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2338	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2361	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2369	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2378	t5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2390	t6	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
2398	t7	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
2407	t8	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0
2415	t9	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2428	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	0															
2436	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	1															
2444	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	2															
2452	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	3															
2459	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	4															
2467	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	5															
2478	t1	0	0	0	0	2	0	0	2	2	0	0	0	0	0	0
	6															
2486	t1	0	0	0	0	2	0	0	2	2	0	0	0	0	0	0
	7															
2493	t1	0	0	0	0	2	0	0	2	2	0	0	0	0	0	0
	8															
2504	t1	0	2	2	0	2	0	2	2	2	0	0	0	0	0	0
	9															
2515	t2	0	2	2	0	2	0	2	2	2	0	0	0	0	0	2
	0															
2518	t2	0	2	2	0	2	0	2	2	2	0	0	0	0	0	2
	1															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\FE1_OS\Sum2023_CEVC_PH2_00_FE1_OS.xlsx

1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Interface: Central East

	t	t	t	t	t	t	t	t	t	t	t1	t1	t1	t1	t1	t1	t1	t1	t1	t2	t2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2
ce15) SBK Marcy R3108	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown -N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-07-2023 15:10

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-

E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\FE1_OS\Sum2023_CEVC_PH2_00_FE1_OS.xlsx

1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Interface: Central East

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2251	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2168
2271	limit with 5% margin	Marcy South N.	NA	NA	NA	3030
2291 <E	Station 80 345kV Voltage	Pre-Fault	58.3	NA	346	2291
2291 <E	Pannell Road 345kV Voltage	Pre-Fault	47.9	NA	346	2291
2316	Clay 345kV Voltage	Pre-Fault	30.7	NA	345	2316
2344	limit with 5% margin	Volney-Marcy	NA	NA	NA	2250
2352	Clay 345kV Voltage	SBK Marcy R3108	3.0	327.8	343.3	2272
2361	Marcy 345kV Voltage	Pre-Fault	13.2	NA	348	2361
2368	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1745
2368	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1702
2368	limit with 5% margin	SBK Edic R945	NA	NA	NA	1745
2378	Edic 345kV Voltage	Pre-Fault	11.5	NA	347	2378
2378	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2677
2380 >E	Edic 345kV Voltage	SBK Marcy R3108	3.8	327.8	347.0	2287
2388	Clay 345kV Voltage	Marcy South N.	2.5	327.8	341.2	3188
2389	limit with 5% margin	Marcy South S.	NA	NA	NA	2895
2392	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2359
2392	limit with 5% margin	SBK Edic R70	NA	NA	NA	2429
2392	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2221
2392	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2383
2392	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2362
2392	limit with 5% margin	Ravenswood 3	NA	NA	NA	2487
2393 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	5.1	327.8	343.8	2293
2405 >E	Edic 345kV Voltage	Marcy South N.	2.8	327.8	344.6	3196
2407 >E	Marcy 345kV Voltage	Marcy South N.	2.8	327.8	344.6	3197
2416 >E	Pannell Road 345kV Voltage	Marcy South N.	4.2	327.8	341.6	3202
2416 >E	Station 80 345kV Voltage	SBK Marcy R3108	6.6	327.8	344.6	2304
2434 >E	Station 80 345kV Voltage	Marcy South N.	5.3	327.8	341.8	3210
2439	Clay 345kV Voltage	Volney-Marcy	6.2	327.8	338.0	2356
2447 >E	Oakdale 345kV Voltage	Marcy South N.	4.0	320	345.1	3216
2451 >E	Dunwoodie 345kV Voltage	Pre-Fault	22.1	NA	348	2451
2452 >E	Sprain Brook 345kV Voltage	Pre-Fault	23.0	NA	348	2452
2468 >E	Pannell Road 345kV Voltage	Volney-Marcy	2.5	327.8	339.5	2368
2471 >E	Gordon Rd 345kV Voltage	Marcy South N.	6.2	327.8	349.2	3228
2478 >E	Station 80 345kV Voltage	Volney-Marcy	3.0	327.8	340.1	2369
2482	Clay 345kV Voltage	SBK Edic R945	2.2	327.8	334.8	1834
2482	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.2	327.8	334.8	1834
2485 >E	Edic 345kV Voltage	Volney-Marcy	2.6	327.8	339.7	2370
2486	Clay 345kV Voltage	Ph2 DC 1500	1.4	327.8	334.4	2813
2486 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.5	320	347.3	2338

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2488 >E	Marcy 345kV Voltage	Volney-Marcy	2.6	327.8	339.6	2370
2488	Clay 345kV Voltage	Marcy-N.Scot99 345	1.9	327.8	334.1	1791
2492	Edic 345kV Voltage	SBK Edic R945	1.5	327.8	338.6	1837
2492	Edic 345kV Voltage	Edic-Gordon Rd. 345	1.5	327.8	338.6	1837
2492	Marcy 345kV Voltage	SBK Edic R945	1.5	327.8	338.7	1837
2492	Marcy 345kV Voltage	Edic-Gordon Rd. 345	1.5	327.8	338.7	1837
2493	Gordon Rd 345kV Voltage	SBK Princetown 345	4.5	327.8	349.0	2317
2496	Edic 345kV Voltage	Ph2 DC 1500	5.0	327.8	337.4	2817
2498	Marcy 345kV Voltage	Ph2 DC 1500	5.1	327.8	337.1	2818
2498 >E	Pannell Road 345kV Voltage	SBK Edic R945	2.0	327.8	337.4	1838
2498 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	2.0	327.8	337.4	1838
2501 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	2.2	327.8	337.5	1794
2501	Clay 345kV Voltage	SBK Edic R70	3.1	327.8	331.1	2541
2501	Gordon Rd 345kV Voltage	Pre-Fault	7.8	NA	348	2501
2502 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.2	327.8	337.4	1794
2505	Clay 345kV Voltage	Marcy South S.	2.1	327.8	329.7	3043
2506 >E	Station 80 345kV Voltage	SBK Edic R945	2.4	327.8	338.1	1839
2506 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	2.4	327.8	338.1	1839
2508	Clay 345kV Voltage	Ravenswood 3	2.5	327.8	328.6	2610
2508 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	2.9	327.8	336.3	1796
2509	Clay 345kV Voltage	SBK Princetown 345	2.5	327.8	328.4	2330
2510	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	2.5	327.8	327.9	2479
2510	Clay 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	327.9	2476
2510	Clay 345kV Voltage	Princetown-N.Scot 345	2.5	327.8	327.8	2501
2513	Millwood 345kV Voltage	Pre-Fault	19.6	NA	348	2513
2514 >E	Oakdale 345kV Voltage	Volney-Marcy	3.1	320	342.8	2373
2516	Edic 345kV Voltage	SBK Edic R70	0.8	327.8	330.0	2556
2516	Oakdale 345kV Voltage	Pre-Fault	1.1	NA	335	2516
2516 >E	Edic 345kV Voltage	Marcy South S.	2.2	327.8	330.5	3048
2517 >E	Marcy 345kV Voltage	Marcy South S.	2.2	327.8	330.3	3049
2518	Edic 345kV Voltage	SBK Princetown 345	0.9	327.8	328.1	2338
2518 >E	Oakdale 345kV Voltage	SBK Edic R945	1.9	320	340.4	1841
2518 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	1.9	320	340.4	1841
2518	Edic 345kV Voltage	Ravenswood 3	0.9	327.8	328.0	2618
2518 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	0.9	327.8	327.9	2486
2518 >E	Edic 345kV Voltage	Princetown-N.Scot 345	0.9	327.8	327.8	2509
2518 >E	Edic 345kV Voltage	N.Scot-Leeds 345	0.9	327.8	327.8	2483
2518 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	1.0	327.8	327.8	2483
2518 >E	Marcy 345kV Voltage	SBK Edic R70	1.0	327.8	327.8	2557

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2518 >E	Marcy 345kV Voltage	SBK Princetown 345	1.0	327.8	327.8	2338
2518 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	1.0	327.8	327.8	2509
2518 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	1.0	327.8	327.8	2486
2518 >E	Marcy 345kV Voltage	Ravenswood 3	1.0	327.8	327.8	2618
2519 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	3.4	327.8	336.8	1798
2521 >E	Pannell Road 345kV Voltage	SBK Edic R70	0.9	327.8	330.4	2559
2523 >E	Pannell Road 345kV Voltage	Ravenswood 3	1.0	327.8	328.5	2622
2523 >E	Pannell Road 345kV Voltage	SBK Princetown 345	1.0	327.8	328.4	2343
2523 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	1.0	327.8	327.9	2492
2523 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	1.0	327.8	327.9	2489
2523 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	1.0	327.8	327.8	2514
2525 >E	Station 80 345kV Voltage	SBK Edic R70	1.0	327.8	330.4	2562
2527 >E	Station 80 345kV Voltage	Ravenswood 3	1.1	327.8	328.6	2625
2527 >E	Station 80 345kV Voltage	SBK Princetown 345	1.1	327.8	328.3	2347
2528 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	1.1	327.8	327.9	2496
2528 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	1.1	327.8	327.9	2493
2528 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	1.1	327.8	327.8	2518
2528 >E	Fraser 345kV Voltage	Pre-Fault	1.6	NA	338	2528
2530 >E	Oakdale 345kV Voltage	SBK Edic R70	1.0	320	322.3	2566
2531 >E	New Scotland 345kV Voltage Alps	Pre-Fault	3.1	NA	348	2531
2531 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	3.1	NA	348	2531
2531 >E	Oakdale 345kV Voltage	SBK Princetown 345	1.1	320	321.3	2351
2531 >E	Oakdale 345kV Voltage	Ravenswood 3	1.1	320	321.2	2628
2532 >E	Buchanan North 345kV Voltage	Pre-Fault	12.5	NA	346	2532
2532 >E	St.Lawrence 230kV Voltage	Pre-Fault	5.2	NA	225	2532
2532 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	1.1	320	320.2	2500
2532 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	1.1	320	320.2	2497
2532 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	1.1	320	320.1	2523
2537 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.7	320	338.5	1803
2537 >E	Gilboa 345kV Voltage	Pre-Fault	3.4	NA	348	2537
2539 >E	Coopers Corners 345kV Voltage	Pre-Fault	2.4	NA	338	2539
2539 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	11.7	327.8	333.6	2822
2541 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	2.0	327.8	334.7	2510
2542 >E	Rock Tavern 345kV Voltage	Pre-Fault	6.2	NA	348	2542
2543 >E	Somerset 345kV Voltage	Pre-Fault	2.1	NA	338	2543
2544 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	327.8	2509

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2544 >E	Fraser 345kV Voltage	SBK Edic R70	1.6	327.8	327.8	2577
2544 >E	Fraser 345kV Voltage	SBK Princetown 345	1.6	327.8	327.8	2365
2544 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	1.6	327.8	327.8	2535
2544 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	1.6	327.8	327.8	2513
2544 >E	Fraser 345kV Voltage	Ravenswood 3	1.6	327.8	327.8	2638
2546 >E	Fraser 345kV Voltage	SBK Edic R945	2.6	327.8	347.9	1846
2546 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.6	327.8	347.9	1846
2549 >E	Pleasant Valley 345kV Voltage	Pre-Fault	9.7	NA	348	2549
2551 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	2.1	327.8	330.4	2515
2551 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	2.2	327.8	330.2	2542
2553 >E	Gordon Rd 345kV Voltage	Ravenswood 3	2.3	327.8	329.5	2645
2555 >E	Oakdale 345kV Voltage	Marcy South S.	2.6	320	321.8	3066
2556 >E	Gordon Rd 345kV Voltage	SBK Edic R70	2.2	327.8	328.4	2585
2556 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.8	320	326.0	2825
2556 >E	Niagara 230kV East Voltage	Pre-Fault	7.6	NA	225	2556
2556 >E	Niagara 230kV West Voltage	Pre-Fault	7.6	NA	225	2556
2557 >E	Coopers Corners 345kV Voltage	SBK Edic R70	2.3	327.8	330.4	2585
2557 >E	Coopers Corners 345kV Voltage	Ravenswood 3	2.4	327.8	330.3	2648
2557 >E	Gordon Rd 345kV Voltage	Marcy South S.	4.5	327.8	338.3	3068
2558 >E	Somerset 345kV Voltage	SBK Edic R70	1.9	327.8	331.0	2586
2559 >E	Niagara 230kV East Voltage	Volney-Marcy	7.6	218.5	224.9	2377
2559 >E	Niagara 230kV West Voltage	Volney-Marcy	7.6	218.5	224.9	2377
2560 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	2.4	327.8	328.9	2381
2561 >E	St.Lawrence 230kV Voltage	SBK Edic R945	6.7	218.5	228.3	1848
2561 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	6.7	218.5	228.3	1848
2561 >E	Buchanan South 345kV Voltage	Pre-Fault	12.8	NA	346	2561
2562 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	328.3	2525
2562 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	328.0	2531
2562 >E	St.Lawrence 230kV Voltage	Ravenswood 3	5.1	218.5	219.1	2652
2563 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	327.9	2553
2563 >E	Somerset 345kV Voltage	Ravenswood 3	2.1	327.8	328.6	2652
2563 >E	Somerset 345kV Voltage	SBK Princetown 345	2.1	327.8	328.4	2384
2564 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	2.1	327.8	327.9	2533
2564 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	2.1	327.8	327.9	2528
2564 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	2.1	327.8	327.8	2555
2565 >E	St.Lawrence 230kV Voltage	Marcy South N.	14.2	218.5	228.2	3273
2565 >E	Ramapo 500kV Voltage	Ravenswood 3	11.1	500	504.9	2654
2566 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	5.2	218.5	218.5	2556

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2566 >E	St.Lawrence 230kV Voltage	SBK Edic R70	5.2	218.5	218.5	2592
2566 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	5.2	218.5	218.5	2534
2566 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	5.2	218.5	218.5	2529
2566 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	5.3	218.5	218.3	2387
2567 >E	Coopers Corners 345kV Voltage	SBK Edic R945	4.4	327.8	347.7	1849
2567 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	347.7	1849
2573 >E	Somerset 345kV Voltage	Volney-Marcy	6.1	327.8	349.7	2378
2577 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	345.5	1812
2577 >E	Somerset 345kV Voltage	SBK Edic R945	4.5	327.8	345.6	1851
2577 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	345.6	1851
2579 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	2.7	327.8	332.6	2542
2579 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	2.7	327.8	332.6	2542
2582 >E	Somerset 345kV Voltage	Marcy South N.	9.9	327.8	347.8	3281
2582 >E	Watercure 230kV Voltage	Pre-Fault	3.7	NA	215	2582
2582 >E	Ramapo 345kV Voltage	Pre-Fault	11.5	NA	346	2582
2585 >E	Fraser 345kV Voltage	Marcy South S.	3.7	327.8	327.8	3081
2588 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	3.0	327.8	329.8	2608
2588 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	3.0	327.8	329.8	2608
2589 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	3.1	327.8	329.3	2673
2589 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	3.1	327.8	329.3	2673
2590 >E	Leeds 345kV Voltage	Pre-Fault	6.4	NA	345	2590
2590 >E	St.Lawrence 230kV Voltage	Marcy South S.	7.7	218.5	219.3	3083
2594 >E	Pannell Road 345kV Voltage	Marcy South S.	11.3	327.8	333.1	3085
2594 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	3.1	327.8	327.7	2585
2594 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	3.1	327.8	327.7	2585
2594 >E	Niagara 230kV East Voltage	SBK Edic R70	6.9	218.5	220.0	2613
2594 >E	Niagara 230kV West Voltage	SBK Edic R70	6.9	218.5	220.0	2613
2596 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	3.2	327.8	327.0	2565
2596 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	3.2	327.8	327.0	2565
2597 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.9	327.8	351.2	3288
2597 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.9	327.8	351.2	3288
2599 >E	Niagara 345kV Voltage	Pre-Fault	3.9	NA	338	2599
2600 >E	Watercure 230kV Voltage	SBK Edic R70	3.3	207	210.2	2617
2600 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	329.5	2562
2602 >E	Ladentown 345kV Voltage	Pre-Fault	12.2	NA	346	2602
2603 >E	Niagara 230kV East Voltage	Ravenswood 3	7.6	218.5	218.9	2683
2603 >E	Niagara 230kV West Voltage	Ravenswood 3	7.6	218.5	218.9	2683
2604 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	6.7	327.8	343.0	1819

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2604 >E	Gilboa 345kV Voltage	Ravenswood 3	3.4	327.8	328.4	2684
2604 >E	Niagara 230kV East Voltage	SBK Princetown 345	7.5	218.5	218.8	2424
2604 >E	Niagara 230kV West Voltage	SBK Princetown 345	7.5	218.5	218.8	2424
2605 >E	Gilboa 345kV Voltage	SBK Edic R70	3.4	327.8	328.2	2620
2605 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.1	327.8	345.8	1819
2606 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	7.6	218.5	218.5	2574
2606 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	7.6	218.5	218.5	2574
2606 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	7.6	218.5	218.5	2568
2606 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	7.6	218.5	218.5	2568
2606 >E	Niagara 230kV East Voltage	SBK Marcy R3108	17.3	218.5	226.7	2395
2606 >E	Niagara 230kV West Voltage	SBK Marcy R3108	17.3	218.5	226.7	2395
2606 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	7.6	218.5	218.5	2596
2606 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	7.6	218.5	218.5	2596
2606 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	3.4	327.8	327.8	2596
2606 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	10.2	218.5	226.9	1819
2606 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	3.4	327.8	327.6	2575
2606 >E	Roseton 345kV Voltage	Pre-Fault	10.0	NA	345	2606
2608 >E	Watercure 230kV Voltage	Ravenswood 3	3.6	207	208.2	2687
2608 >E	Watercure 230kV Voltage	SBK Princetown 345	3.6	207	208.0	2428
2611 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	3.7	207	207.2	2579
2611 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	3.7	207	207.2	2573
2611 >E	Gilboa 345kV Voltage	SBK Princetown 345	3.6	327.8	326.2	2432
2612 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	3.7	207	207.1	2602
2615 >E	Ramapo 500kV Voltage	SBK Edic R70	11.4	500	501.0	2627
2615 >E	Fraser 345kV Voltage	Ph2 DC 1500	5.0	327.8	327.8	2832
2615 >E	St.Lawrence 230kV Voltage	Volney-Marcy	13.4	218.5	229.1	2382
2617 >E	Watercure 230kV Voltage	Marcy South N.	11.4	207	229.9	3298
2618 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	3.6	327.8	320.0	2439
2618 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	3.6	327.8	320.0	2439
2619 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	11.9	500	500.6	2581
2620 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	6.4	327.8	343.4	1823
2621 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.6	327.8	337.9	3097
2621 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.6	327.8	337.9	3097
2625 >E	Niagara 345kV Voltage	SBK Edic R70	3.6	327.8	331.5	2635
2626 >E	Ramapo 500kV Voltage	SBK Princetown 345	12.7	500	500.1	2446
2626 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	12.5	500	500.1	2594

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2627 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	12.5	500	500.0	2617
2627 >E	Ramapo 500kV Voltage	Pre-Fault	12.6	NA	500	2627
2627 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	9.7	327.8	331.9	2833
2630 >E	Watercure 230kV Voltage	Volney-Marcy	7.6	207	229.2	2383
2631 >E	Niagara 230kV East Voltage	Marcy South S.	9.9	218.5	219.7	3102
2631 >E	Niagara 230kV West Voltage	Marcy South S.	9.9	218.5	219.7	3102
2631 >E	Gardenville 230kV Voltage	Pre-Fault	7.2	NA	217	2631
2633 >E	Watercure 230kV Voltage	SBK Edic R945	6.5	207	233.5	1861
2633 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	6.5	207	233.5	1861
2634 >E	Bowline 1 345kV Voltage	Pre-Fault	12.2	NA	345	2634
2636 >E	Niagara 345kV Voltage	Ravenswood 3	3.9	327.8	328.5	2709
2637 >E	Niagara 345kV Voltage	SBK Princetown 345	3.9	327.8	328.4	2457
2639 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.9	2607
2639 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	327.9	2599
2639 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	2629
2640 >E	Gordon Rd 345kV Voltage	Volney-Marcy	8.1	327.8	343.6	2384
2647 >E	Bowline 2 345kV Voltage	Pre-Fault	13.0	NA	345	2647
2647 >E	Rock Tavern 345kV Voltage	Ravenswood 3	6.1	327.8	330.9	2717
2655 >E	Rock Tavern 345kV Voltage	SBK Edic R70	5.9	327.8	329.6	2657
2661 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	328.6	2621
2664 >E	Gilboa 345kV Voltage	Marcy South S.	6.7	327.8	335.1	3118
2666 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	327.9	2634
2666 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	6.2	327.8	327.9	2486
2666 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	6.2	327.8	327.8	2656
2673 >E	Dunwoodie 345kV Voltage	Ravenswood 3	14.1	327.8	335.0	2737
2673 >E	Sprain Brook 345kV Voltage	Ravenswood 3	14.0	327.8	335.0	2737
2674 >E	Ramapo 500kV Voltage	Ph2 DC 1500	35.1	500	505.4	2838
2679 >E	Buchanan North 345kV Voltage	Ravenswood 3	11.4	327.8	334.2	2741
2682 >E	Gardenville 230kV Voltage	SBK Edic R70	6.4	207	209.9	2676
2682 >E	Station 80 345kV Voltage	Ph2 DC 1500	31.6	327.8	331.8	2840
2683 >E	Watercure 230kV Voltage	SBK Marcy R3108	13.8	207	229.7	2432
2685 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	8.8	327.8	325.8	2840
2689 >E	Millwood 345kV Voltage	Ravenswood 3	12.0	327.8	334.7	2749
2690 >E	Niagara 230kV East Voltage	SBK Edic R945	16.1	218.5	229.5	1870
2690 >E	Niagara 230kV West Voltage	SBK Edic R945	16.1	218.5	229.5	1870
2690 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	16.1	218.5	229.5	1870
2690 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	16.1	218.5	229.5	1870
2692 >E	Gilboa 345kV Voltage	SBK Edic R945	7.4	327.8	349.4	1871
2692 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	7.4	327.8	349.4	1871

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2696 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	14.0	327.8	345.1	2439
2698 >E	Gardenville 230kV Voltage	SBK Princetown 345	7.0	207	207.7	2518
2698 >E	Gardenville 230kV Voltage	Volney-Marcy	9.4	207	221.6	2389
2699 >E	Gardenville 230kV Voltage	Ravenswood 3	7.1	207	207.5	2757
2701 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	327.8	2669
2701 >E	Leeds 345kV Voltage	SBK Edic R70	6.4	327.8	327.8	2690
2701 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.8	2691
2701 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	327.8	2659
2701 >E	Leeds 345kV Voltage	SBK Princetown 345	6.4	327.8	327.8	2521
2701 >E	Leeds 345kV Voltage	Ravenswood 3	6.4	327.8	327.8	2758
2702 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	7.1	207	207.1	2670
2702 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	7.1	207	207.1	2660
2703 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	7.2	207	207.0	2693
2705 >E	Buchanan South 345kV Voltage	Ravenswood 3	11.5	327.8	334.7	2761
2713 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	9.5	327.8	331.2	2767
2721 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	28.2	500	507.3	1875
2721 >E	Ramapo 500kV Voltage	SBK Edic R945	28.2	500	507.3	1875
2722 >E	Niagara 345kV Voltage	SBK Edic R945	8.5	327.8	351.1	1876
2722 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	8.5	327.8	351.1	1876
2727 >E	Ramapo 345kV Voltage	Ravenswood 3	10.6	327.8	333.4	2778
2729 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	9.1	327.8	329.5	2686
2733 >E	Buchanan North 345kV Voltage	SBK Edic R70	11.3	327.8	329.8	2713
2737 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	9.4	327.8	328.8	2715
2738 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	10.8	207	234.3	1851
2740 >E	Ladentown 345kV Voltage	Ravenswood 3	10.8	327.8	334.7	2788
2741 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	11.6	327.8	329.2	2697
2744 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	9.1	327.8	345.4	1879
2744 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	9.1	327.8	345.4	1879
2744 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	9.1	327.8	345.4	1879
2744 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	9.1	327.8	345.4	1879
2745 >E	Somerset 345kV Voltage	SBK Marcy R3108	19.5	327.8	366.0	2462
2745 >E	Gordon Rd 345kV Voltage	SBK Edic R945	9.4	327.8	335.1	1879
2745 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	9.4	327.8	335.1	1880
2746 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	9.7	327.8	327.8	2736
2748 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	9.8	327.8	327.6	2716
2749 >E	Roseton 345kV Voltage	Ravenswood 3	9.8	327.8	330.7	2795
2756 >E	Millwood 345kV Voltage	SBK Edic R70	12.1	327.8	329.6	2729
2758 >E	Bowline 1 345kV Voltage	Ravenswood 3	10.8	327.8	334.9	2801

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2758 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	12.5	327.8	327.9	2748
2758 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	12.2	327.8	329.4	2714
2759 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	12.5	327.8	327.8	2727
2761 >E	Ramapo 345kV Voltage	SBK Edic R70	10.4	327.8	330.5	2733
2762 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	10.2	327.8	326.1	2582
2762 >E	Bowline 2 345kV Voltage	Ravenswood 3	10.8	327.8	336.1	2805
2764 >E	Buchanan South 345kV Voltage	SBK Edic R70	11.5	327.8	330.1	2735
2764 >E	Sprain Brook 345kV Voltage	SBK Edic R70	14.5	327.8	329.2	2735
2765 >E	Dunwoodie 345kV Voltage	SBK Edic R70	14.6	327.8	329.2	2736
2765 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	11.6	327.8	328.3	2849
2765 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	11.6	327.8	328.3	2849
2766 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	14.5	327.8	329.1	2721
2766 >E	Roseton 345kV Voltage	SBK Edic R70	9.6	327.8	329.1	2737
2766 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	14.6	327.8	329.1	2722
2767 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	9.6	327.8	328.9	2723
2768 >E	Buchanan North 345kV Voltage	SBK Princetown 345	12.9	327.8	327.1	2588
2770 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	11.8	327.8	329.6	2726
2772 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	10.7	327.8	329.5	2727
2777 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	10.2	327.8	346.3	1860
2779 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	10.0	327.8	327.8	2768
2779 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	13.1	327.8	327.8	2769
2779 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	10.0	327.8	327.8	2747
2780 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	13.2	327.8	327.7	2748
2781 >E	Ladentown 345kV Voltage	SBK Edic R70	10.6	327.8	331.4	2747
2785 >E	Roseton 345kV Voltage	SBK Princetown 345	10.2	327.8	327.1	2605
2786 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	15.6	327.8	327.8	2776
2786 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	15.7	327.8	327.8	2776
2787 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	23.4	218.5	228.5	1863
2787 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	23.4	218.5	228.5	1863
2787 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	15.7	327.8	327.7	2755
2788 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	15.8	327.8	327.7	2756
2791 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	11.5	327.8	327.9	2781
2791 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	11.5	327.8	327.9	2759
2793 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	12.7	327.8	327.8	2783
2794 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr	12.8	327.8	327.8	2762

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2795 >E	Millwood 345kV Voltage	SBK Princetown 345	13.8	327.8	326.6	2615
2796 >E	Gilboa 345kV Voltage	Ph2 DC 1500	11.1	327.8	328.4	2853
2796 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	11.2	327.8	330.1	2750
2798 >E	Bowline 1 345kV Voltage	SBK Edic R70	10.6	327.8	331.6	2760
2800 >E	Ramapo 345kV Voltage	SBK Princetown 345	11.9	327.8	327.1	2620
2802 >E	Bowline 2 345kV Voltage	SBK Edic R70	10.6	327.8	333.0	2763
2803 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	16.3	327.8	326.8	2622
2803 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	16.4	327.8	326.8	2623
2804 >E	Marcy 345kV Voltage	SBK Marcy R3108	21.9	327.8	327.8	2491
2809 >E	Buchanan South 345kV Voltage	SBK Princetown 345	13.4	327.8	326.6	2629
2814 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	11.2	327.8	330.2	2767
2817 >E	Coopers Corners 345kV Voltage	Volney-Marcy	14.1	327.8	340.9	2400
2819 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	40.0	500	506.4	1870
2823 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	12.2	327.8	327.9	2813
2824 >E	Leeds 345kV Voltage	Marcy South S.	11.6	327.8	334.0	3193
2824 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	12.2	327.8	327.9	2792
2827 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	11.4	327.8	331.1	2780
2829 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	12.2	327.8	348.5	1873
2830 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	12.8	327.8	346.3	2401
2830 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	12.8	327.8	346.3	2401
2836 >E	Fraser 345kV Voltage	Marcy South N.	15.6	327.8	327.8	3402
2840 >E	Ladentown 345kV Voltage	SBK Princetown 345	12.8	327.8	326.5	2660
2843 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	12.2	327.8	327.9	2832
2843 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	12.2	327.8	327.9	2811
2854 >E	Gardenville 230kV Voltage	SBK Edic R945	14.6	207	229.1	1898
2854 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	12.8	327.8	340.9	1879
2854 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	12.8	327.8	340.9	1879
2854 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	14.6	207	229.1	1898
2855 >E	Niagara 345kV Voltage	Volney-Marcy	14.6	327.8	367.1	2404
2861 >E	Bowline 1 345kV Voltage	SBK Princetown 345	12.8	327.8	326.4	2680
2863 >E	Rock Tavern 345kV Voltage	SBK Edic R945	15.4	327.8	347.3	1900
2863 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	15.4	327.8	347.3	1900
2868 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	12.9	327.8	327.9	2857
2869 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	12.9	327.8	327.9	2837
2893 >E	Pleasant Valley 345kV Voltage	Marcy South S.	17.8	327.8	330.1	3226
2895 >E	Niagara 230kV East Voltage	Marcy South N.	37.6	218.5	230.9	3431
2895 >E	Niagara 230kV West Voltage	Marcy South N.	37.6	218.5	230.9	3431

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2898 >E	Bowline 2 345kV Voltage	SBK Princetown 345	14.0	327.8	325.6	2717
2901 >E	Niagara 345kV Voltage	Marcy South N.	19.0	327.8	352.2	3434
2904 >E	Gilboa 345kV Voltage	Marcy South N.	17.3	327.8	342.5	3435
2922 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	22.8	327.8	326.7	2868
2927 >E	Sprain Brook 345kV Voltage	Marcy South S.	23.2	327.8	323.9	3241
2930 >E	Dunwoodie 345kV Voltage	Marcy South S.	23.6	327.8	324.0	3243
2939 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	23.6	327.8	326.8	2870
2985 >E	Gardenville 230kV Voltage	SBK Marcy R3108	24.0	207	226.8	2578
3001 >E	Fraser 345kV Voltage	Volney-Marcy	20.5	327.8	327.8	2417
3004 >E	Ramapo 500kV Voltage	Marcy South S.	55.6	500	493.4	3278
3005 >E	Millwood 345kV Voltage	Marcy South S.	24.1	327.8	322.9	3278
3020 >E	Millwood 345kV Voltage	Ph2 DC 1500	24.6	327.8	327.1	2880
3020 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	26.6	327.8	329.1	2880
3026 >E	Niagara 230kV East Voltage	Ph2 DC 1500	44.6	218.5	220.0	2880
3026 >E	Niagara 230kV West Voltage	Ph2 DC 1500	44.6	218.5	220.0	2880
3027 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	21.8	327.8	344.5	1920
3030 >E	Leeds 345kV Voltage	Marcy South N.	21.0	327.8	347.2	3496
3031 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	21.4	207	227.1	1922
3035 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	21.2	327.8	325.1	2881
3063 >E	Leeds 345kV Voltage	Ph2 DC 1500	18.8	327.8	327.8	2885
3082 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	25.9	327.8	328.3	2887
3082 >E	Ramapo 500kV Voltage	Volney-Marcy	65.4	500	505.4	2424
3101 >E	Gardenville 230kV Voltage	Marcy South S.	22.9	207	212.4	3323
3108 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	67.8	218.5	180.9	2890
3114 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	55.7	218.5	227.1	2640
3121 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	25.0	327.8	325.3	2892
3126 >E	Gardenville 230kV Voltage	Marcy South N.	29.7	207	229.6	3541
3143 >E	Buchanan South 345kV Voltage	Marcy South S.	27.7	327.8	319.3	3343
3198 >E	Buchanan North 345kV Voltage	SBK Edic R945	35.4	327.8	342.1	1956
3198 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	35.4	327.8	342.1	1956
3205 >E	Buchanan North 345kV Voltage	Marcy South S.	31.8	327.8	315.2	3372
3210 >E	Roseton 345kV Voltage	Marcy South S.	25.9	327.8	318.9	3375
3212 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	27.5	327.8	342.5	2687
3212 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	27.5	327.8	342.5	2687
3214 >E	Ramapo 345kV Voltage	Ph2 DC 1500	29.9	327.8	329.8	2903
3218 >E	Ramapo 345kV Voltage	SBK Edic R945	30.1	327.8	346.0	1960
3218 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	30.1	327.8	346.0	1960
3243 >E	Rainey 345kV Voltage	Ravenswood 3	34.9	327.8	339.9	3173
3255 >E	Ladentown 345kV Voltage	Ph2 DC 1500	29.8	327.8	330.8	2908
3261 >E	Pleasant Valley 345kV Voltage	Marcy South N.	35.8	327.8	340.8	3606
3262 >E	Gilboa 345kV Voltage	Volney-Marcy	26.7	327.8	338.0	2441

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3264 >E	Ramapo 500kV Voltage	Marcy South N.	93.5	500	505.1	3608
3268 >E	Roseton 345kV Voltage	Ph2 DC 1500	28.3	327.8	325.2	2909
3282 >E	Fraser 345kV Voltage	SBK Marcy R3108	30.6	327.8	327.8	2721
3284 >E	Farragut 345kV Voltage	Ravenswood 3	36.7	327.8	339.1	3203
3303 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	29.8	327.8	333.3	2913
3316 >E	Coopers Corners 345kV Voltage	Marcy South N.	31.2	327.8	307.5	3632
3337 >E	Rainey 345kV Voltage	Pre-Fault	49.7	NA	338	3337
3339 >E	Farragut 345kV Voltage	Pre-Fault	51.4	NA	338	3339
3367 >E	Ladentown 345kV Voltage	SBK Edic R945	34.2	327.8	346.9	1985
3367 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	34.2	327.8	346.9	1985
3396 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	32.7	327.8	331.0	2924
3397 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	33.4	327.8	344.8	1990
3397 >E	Roseton 345kV Voltage	SBK Edic R945	33.4	327.8	344.8	1990
3419 >E	Bowline 1 345kV Voltage	SBK Edic R945	34.1	327.8	348.7	1994
3419 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	40.9	327.8	342.9	1994
3419 >E	Buchanan South 345kV Voltage	SBK Edic R945	40.9	327.8	342.9	1994
3419 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	34.1	327.8	348.7	1994
3466 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	45.8	327.8	340.9	2002
3466 >E	Millwood 345kV Voltage	SBK Edic R945	45.8	327.8	340.8	2002
3524 >E	Bowline 2 345kV Voltage	SBK Edic R945	37.4	327.8	348.3	2012
3524 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	37.4	327.8	348.3	2012
3527 >E	Sprain Brook 345kV Voltage	SBK Edic R945	55.6	327.8	338.9	2012
3528 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	55.6	327.8	338.9	2012
3540 >E	Dunwoodie 345kV Voltage	SBK Edic R945	56.6	327.8	338.8	2014
3540 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	56.6	327.8	338.8	2014
3544 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	41.3	327.8	339.8	2015
3544 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	41.3	327.8	339.8	2015
3551 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	52.6	327.8	339.0	2046
3567 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	49.5	327.8	324.5	2858
3598 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	45.6	327.8	342.6	2058
3614 >E	Ladentown 345kV Voltage	Marcy South S.	40.0	327.8	306.5	3565
3618 >E	Goethals 345kV Voltage	Pre-Fault	70.5	NA	338	3618
3624 >E	Goethals 345kV Voltage	Ravenswood 3	50.3	327.8	337.9	3463
3648 >E	Rock Tavern 345kV Voltage	Marcy South S.	36.4	327.8	273.3	3581
3653 >E	Ramapo 345kV Voltage	Marcy South S.	42.2	327.8	302.7	3583
3680 >E	Ramapo 500kV Voltage	SBK Marcy R3108	134.8	500	503.3	2912
3714 >E	Rock Tavern 345kV Voltage	Volney-Marcy	46.9	327.8	339.1	2482
3734 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	45.5	327.8	340.9	2091
3744 >E	Rainey 345kV Voltage	SBK Edic R70	46.0	327.8	329.8	3444
3744 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	46.0	327.8	329.8	3659
3762 >E	Farragut 345kV Voltage	SBK Edic R70	47.7	327.8	329.8	3458

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3763 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	47.7	327.8	329.7	3677
3764 >E	Millwood 345kV Voltage	Marcy South N.	63.6	327.8	334.9	3847
3793 >E	Bowline 1 345kV Voltage	Marcy South S.	44.2	327.8	301.1	3649
3798 >E	Dunwoodie 345kV Voltage	Marcy South N.	74.7	327.8	333.3	3863
3805 >E	Bowline 2 345kV Voltage	Marcy South S.	43.9	327.8	305.4	3655
3806 >E	Sprain Brook 345kV Voltage	Marcy South N.	74.7	327.8	333.4	3867
3812 >E	Roseton 345kV Voltage	Marcy South N.	50.7	327.8	337.1	3870
3841 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	49.6	327.8	327.9	3826
3845 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	49.7	327.8	327.8	3811
3861 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	51.4	327.8	327.8	3846
3866 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	51.5	327.8	327.7	3831
3869 >E	Gilboa 345kV Voltage	SBK Marcy R3108	47.2	327.8	334.3	3003
3884 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	54.1	327.8	342.7	2127
3903 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	61.7	327.8	338.9	2131
3904 >E	Rainey 345kV Voltage	SBK Princetown 345	51.8	327.8	326.6	3721
3906 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	55.0	327.8	335.4	2132
3923 >E	Farragut 345kV Voltage	SBK Princetown 345	53.6	327.8	326.6	3741
3940 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	67.5	327.8	336.9	2140
3980 >E	Coopers Corners 345kV Voltage	Marcy South S.	35.9	327.8	89.8	3737
4002 >E	Leeds 345kV Voltage	SBK Edic R945	49.7	327.8	327.8	2093
4003 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	49.7	327.8	327.8	2093
4003 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	49.7	327.8	327.8	2155
4012 >E	Buchanan South 345kV Voltage	Marcy South N.	69.1	327.8	334.7	3965
4019 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	81.3	327.8	335.4	2159
4022 >E	Rock Tavern 345kV Voltage	Marcy South N.	56.7	327.8	324.1	3971
4036 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	82.5	327.8	335.3	2163
4053 >E	Buchanan North 345kV Voltage	Marcy South N.	77.0	327.8	332.4	3985
4099 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	58.7	327.8	343.8	2178
4139 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	59.3	327.8	343.8	2188
4198 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	65.2	327.8	329.8	4094
4202 >E	Goethals 345kV Voltage	SBK Edic R70	65.4	327.8	329.7	3775
4335 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	70.4	327.8	327.8	4318
4339 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	70.6	327.8	327.8	4303
4417 >E	Goethals 345kV Voltage	SBK Princetown 345	73.4	327.8	326.7	4233
4493 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	79.7	327.8	335.4	2553
4555 >E	Ramapo 345kV Voltage	Marcy South N.	82.5	327.8	331.5	4226
4588 >E	Buchanan North 345kV Voltage	Volney-Marcy	101.9	327.8	335.0	2561
4652 >E	Leeds 345kV Voltage	Volney-Marcy	70.8	327.8	327.8	2567

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4667 >E	Rainey 345kV Voltage	Marcy South S.	80.1	327.8	321.8	4060
4708 >E	Farragut 345kV Voltage	Marcy South S.	83.2	327.8	321.9	4080
4713 >E	Ladentown 345kV Voltage	Marcy South N.	85.4	327.8	333.3	4302
4797 >E	Ramapo 345kV Voltage	Volney-Marcy	92.4	327.8	337.6	2580
4807 >E	Roseton 345kV Voltage	Volney-Marcy	84.1	327.8	336.4	2581
4983 >E	Rainey 345kV Voltage	Ph2 DC 1500	91.7	327.8	327.0	3113
5069 >E	Farragut 345kV Voltage	Ph2 DC 1500	96.9	327.8	327.1	3123
5084 >E	Bowline 1 345kV Voltage	Marcy South N.	94.0	327.8	333.7	4479
5113 >E	Bowline 2 345kV Voltage	Marcy South N.	93.6	327.8	333.8	4493
5172 >E	Millwood 345kV Voltage	Volney-Marcy	125.5	327.8	333.1	2614
5182 >E	Buchanan South 345kV Voltage	Volney-Marcy	117.1	327.8	334.6	2615
5325 >E	Ladentown 345kV Voltage	Volney-Marcy	108.1	327.8	337.5	2628
5400 >E	Sprain Brook 345kV Voltage	Volney-Marcy	155.7	327.8	331.4	2635
5435 >E	Dunwoodie 345kV Voltage	Volney-Marcy	158.3	327.8	331.2	2638
5437 >E	Goethals 345kV Voltage	Marcy South S.	112.6	327.8	321.9	4423
5633 >E	Leeds 345kV Voltage	SBK Marcy R3108	101.6	327.8	327.8	3851
5809 >E	Bowline 1 345kV Voltage	Volney-Marcy	119.4	327.8	338.1	2672
5844 >E	Bowline 2 345kV Voltage	Volney-Marcy	118.9	327.8	338.2	2676
5872 >E	Goethals 345kV Voltage	Ph2 DC 1500	129.3	327.8	327.5	3219
6053 >E	Northport 138kV Voltage	Pre-Fault	400.1	NA	135	6053
6292 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	146.4	327.8	322.4	4169
6726 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	167.1	327.8	327.9	4377
6940 >E	Station 80 345kV Voltage	Marcy South S.	432.4	327.8	497.6	5130
7129 >E	Northport 138kV Voltage	Ravenswood 3	369.9	131.1	132.3	6143
7280 >E	Northport 138kV Voltage	N.Scot-Leeds 345	374.0	131.1	131.9	7049
7281 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	176.7	327.8	344.1	2649
7285 >E	Rainey 345kV Voltage	SBK Edic R945	176.8	327.8	344.1	2649
7288 >E	Northport 138kV Voltage	SBK Edic R70	374.7	131.1	131.9	6008
7341 >E	Farragut 345kV Voltage	SBK Edic R945	182.5	327.8	343.8	2659
7344 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	182.7	327.8	343.8	2660
7614 >E	Northport 138kV Voltage	Princetown-N.Scot 345	400.1	131.1	131.1	7583
7635 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	401.7	131.1	131.0	7591
7698 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	252.6	327.8	325.3	4845
7863 >E	Northport 138kV Voltage	SBK Princetown 345	419.3	131.1	130.5	7672
8066 >E	Roseton 345kV Voltage	SBK Marcy R3108	201.6	327.8	324.2	5022
8673 >E	Ramapo 345kV Voltage	SBK Marcy R3108	247.6	327.8	324.9	5313
9046 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	251.0	327.8	343.7	2948
9046 >E	Goethals 345kV Voltage	SBK Edic R945	251.0	327.8	343.7	2948
9077 >E	Rainey 345kV Voltage	Marcy South N.	245.7	327.8	335.9	6391
9082 >E	Millwood 345kV Voltage	SBK Marcy R3108	306.5	327.8	322.3	5510

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
9164 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	289.2	327.8	323.4	5550
9179 >E	Farragut 345kV Voltage	Marcy South N.	254.6	327.8	335.8	6440
9467 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	256.7	327.8	339.2	3469
9549 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	265.1	327.8	339.0	3488
9738 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	385.1	327.8	320.9	5826
9844 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	392.6	327.8	320.7	5877
9850 >E	Ladentown 345kV Voltage	SBK Marcy R3108	280.2	327.8	324.6	5879
11127 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	310.5	327.8	324.4	6494
11207 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	308.7	327.8	324.3	6532
11524 >E	Goethals 345kV Voltage	Marcy South N.	348.9	327.8	335.4	7563
12025 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	364.5	327.8	339.1	4083
16244 >E	Rainey 345kV Voltage	Volney-Marcy	507.0	327.8	332.6	3621
16392 >E	Farragut 345kV Voltage	Volney-Marcy	523.0	327.8	332.6	3635
22213 >E	Goethals 345kV Voltage	Volney-Marcy	755.1	327.8	331.8	4164
23416 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1646.1	131.1	138.9	5386
23416 >E	Northport 138kV Voltage	SBK Edic R945	1646.1	131.1	138.9	5385
24605 >E	Northport 138kV Voltage	Marcy South N.	1747.3	131.1	134.3	13825
33304 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	2422.7	131.1	136.6	9199
36474 >E	Rainey 345kV Voltage	SBK Marcy R3108	1251.1	327.8	317.0	18684
36942 >E	Farragut 345kV Voltage	SBK Marcy R3108	1294.4	327.8	317.3	18910
53893 >E	Goethals 345kV Voltage	SBK Marcy R3108	1965.9	327.8	314.7	27062
71143 >E	Northport 138kV Voltage	Volney-Marcy	5400.9	131.1	133.2	8614
99998 >E	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

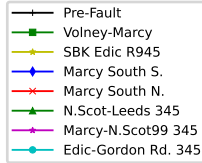
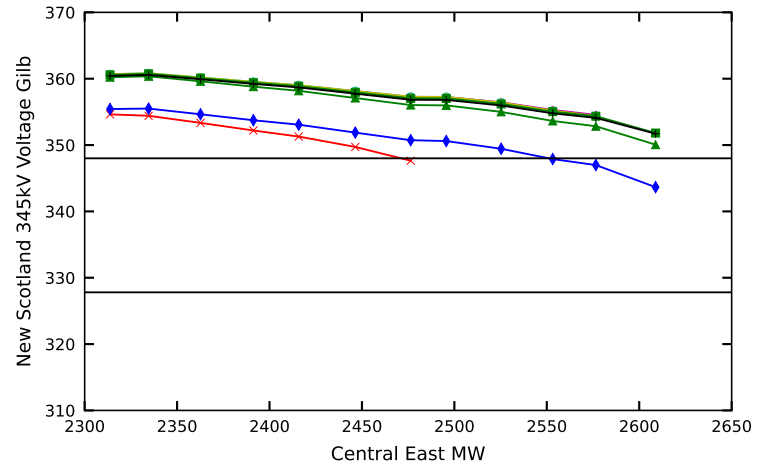
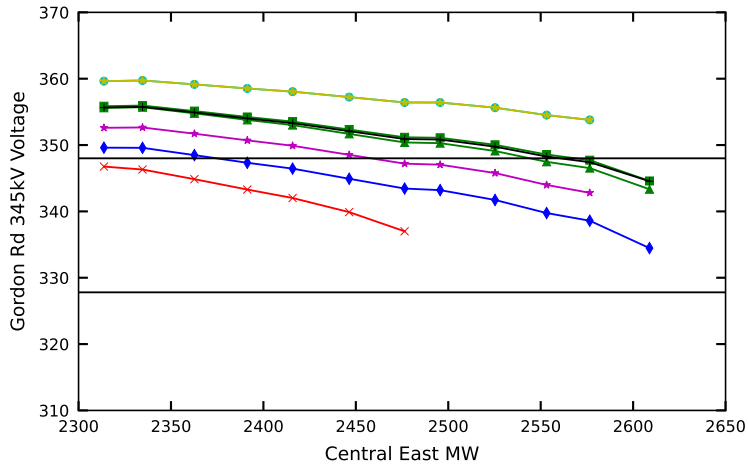
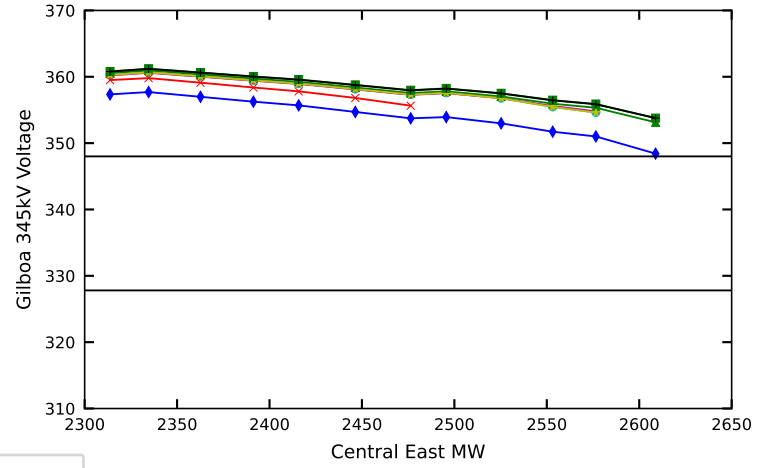
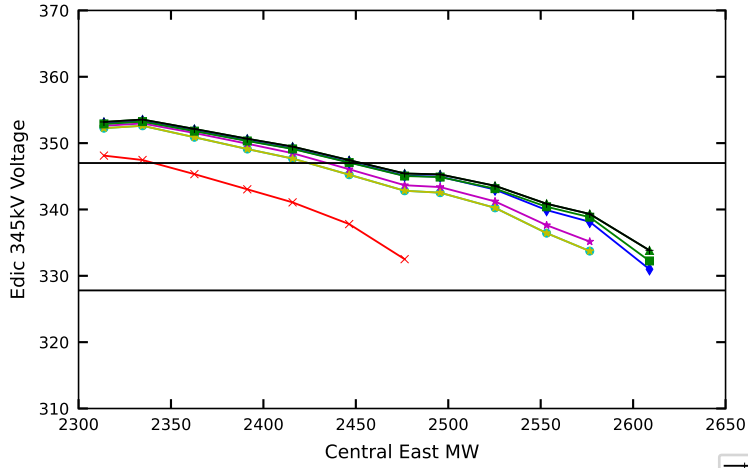
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\FE1_OS\Sum2023_CEVC_PH2_00_FE1_OS.xlsx

1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 FE1 OS

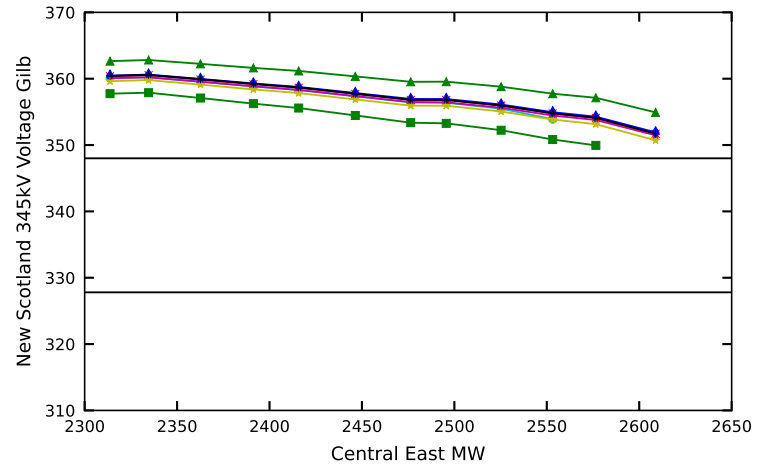
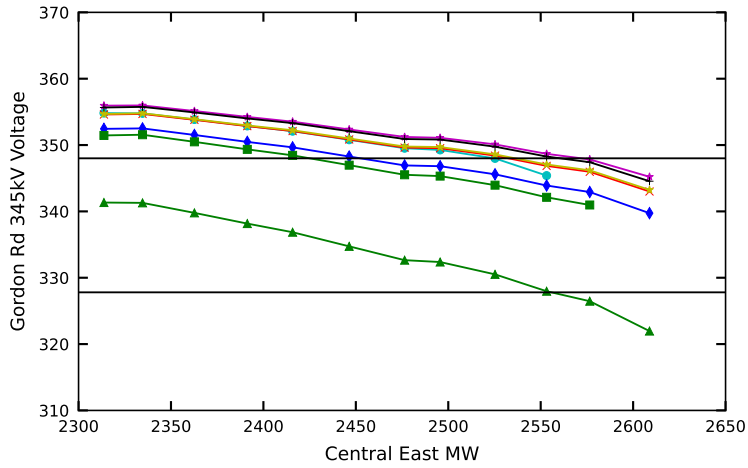
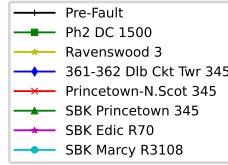
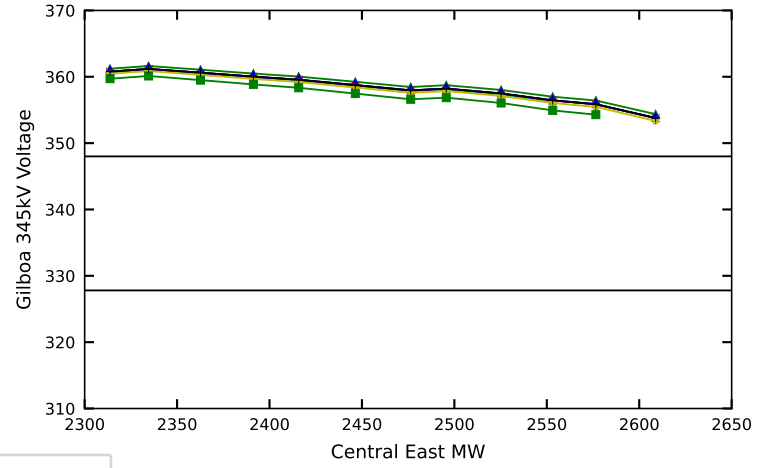
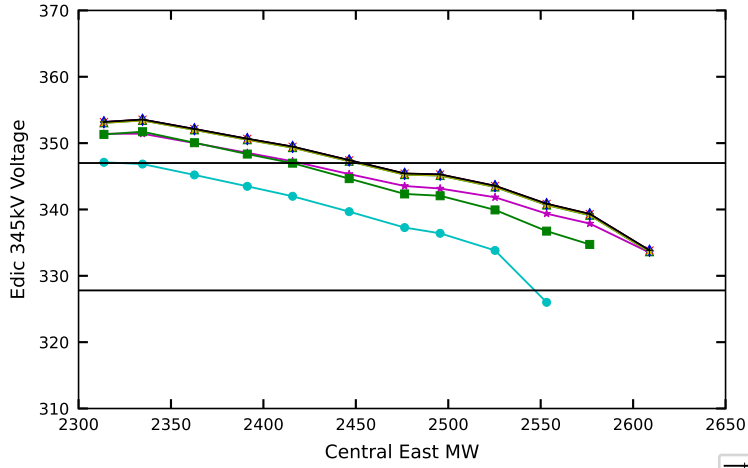
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998
99998 >E	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
99999 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

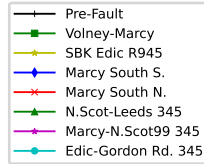
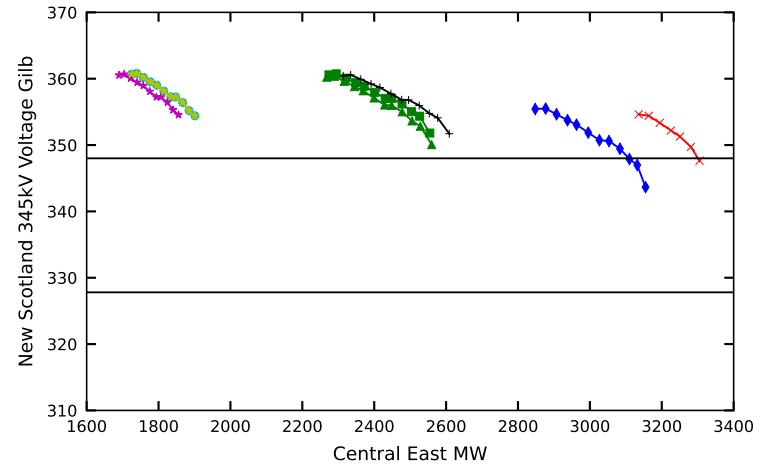
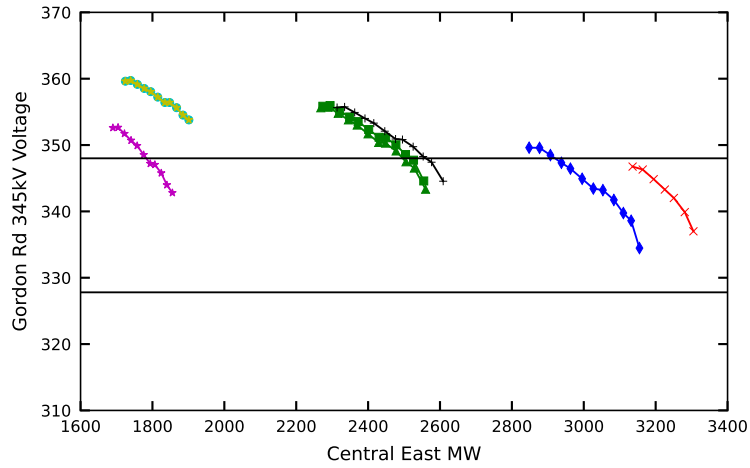
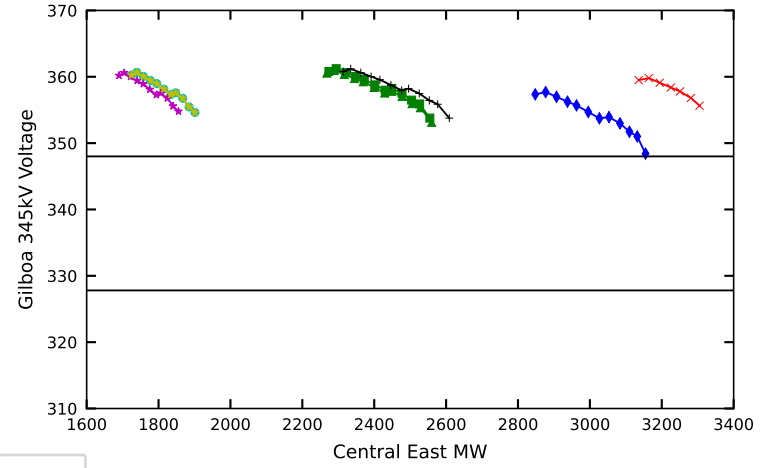
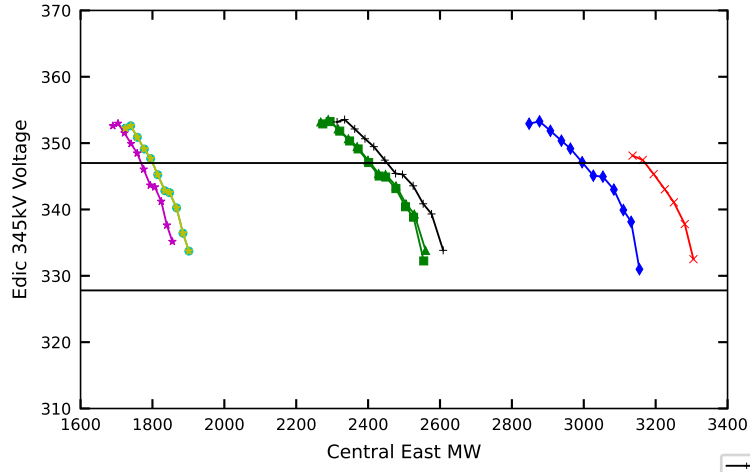
1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BYF Figure 1



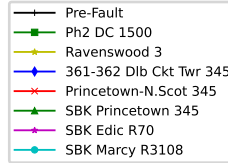
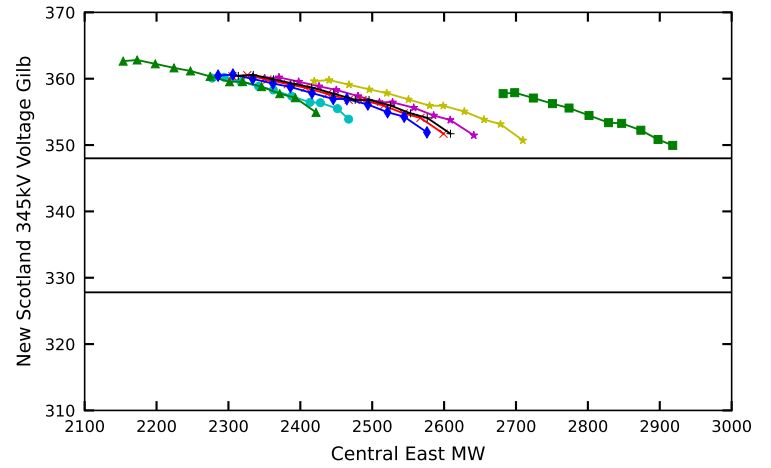
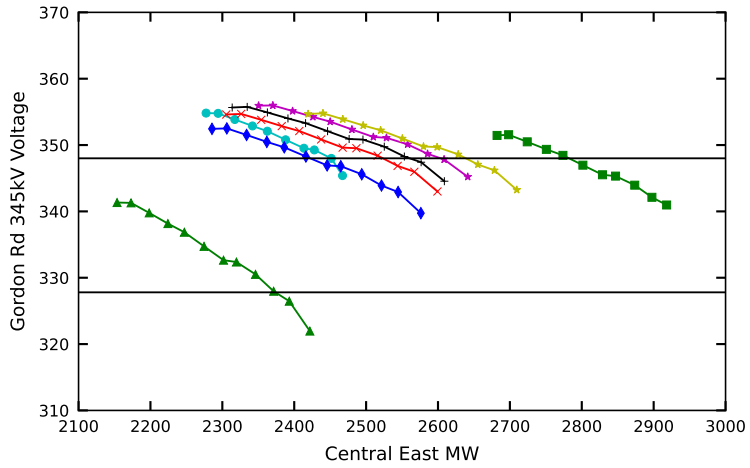
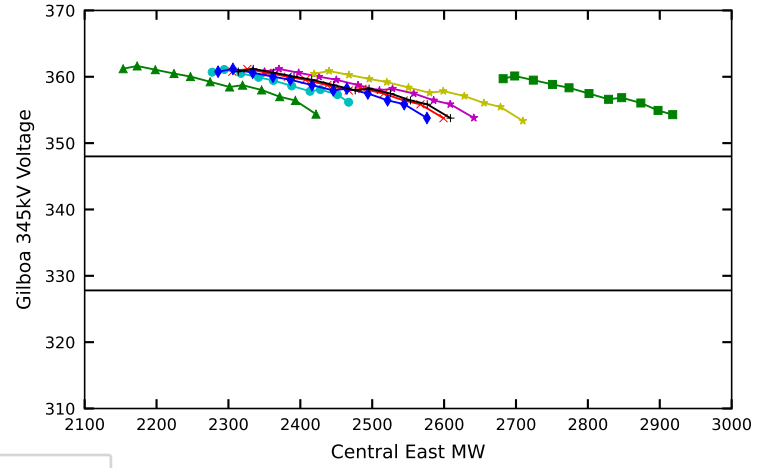
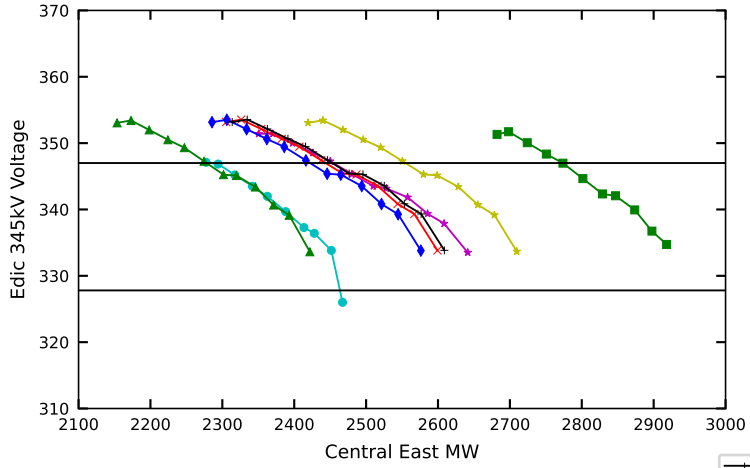
1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BY_P Figure 2



1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BYP Figure 1



1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BYP Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BYP

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2313	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2334	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2362	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2391	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2415	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2446	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2476	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2495	t8	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2525	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2553	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2576	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	1															
2608	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	2															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BYP

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	1	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2131 >E	Dunwoodie 345kV Voltage	Pre-Fault	194.0	NA	348	2131
2157 >E	Sprain Brook 345kV Voltage	Pre-Fault	192.4	NA	348	2157
2352	limit with 5% margin	Marcy South N.	NA	NA	NA	3139
2425	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2343
2439	Marcy 345kV Voltage	Pre-Fault	14.9	NA	348	2439
2444	Pannell Road 345kV Voltage	Pre-Fault	27.3	NA	346	2444
2446	Station 80 345kV Voltage	Pre-Fault	35.8	NA	346	2446
2447	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1806
2447	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1762
2447	limit with 5% margin	SBK Edic R945	NA	NA	NA	1806
2447	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2772
2448	Clay 345kV Voltage	Pre-Fault	17.6	NA	345	2448
2452	Edic 345kV Voltage	Pre-Fault	14.9	NA	347	2452
2478	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2431
2478	limit with 5% margin	Marcy South S.	NA	NA	NA	2997
2478	limit with 5% margin	Volney-Marcy	NA	NA	NA	2427
2478	limit with 5% margin	SBK Edic R70	NA	NA	NA	2509
2478	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2300
2478	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2469
2478	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2447
2478	limit with 5% margin	Ravenswood 3	NA	NA	NA	2574
2485 >E	Clay 345kV Voltage	Marcy South N.	5.8	327.8	342.9	3312
2503 >E	Edic 345kV Voltage	Marcy South N.	5.7	327.8	343.6	3326
2506 >E	Marcy 345kV Voltage	Marcy South N.	5.7	327.8	343.5	3328
2540	Clay 345kV Voltage	SBK Marcy R3108	3.1	327.8	340.5	2459
2546	Edic 345kV Voltage	SBK Marcy R3108	3.6	327.8	341.5	2463
2555	Gordon Rd 345kV Voltage	SBK Princetown 345	15.5	327.8	348.2	2373
2558 >E	Pannell Road 345kV Voltage	Marcy South N.	9.9	327.8	342.2	3370
2560	Gordon Rd 345kV Voltage	Pre-Fault	27.3	NA	348	2560
2571 >E	Gordon Rd 345kV Voltage	Marcy South N.	10.4	327.8	347.2	3381
2585 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	5.5	327.8	340.8	2485
2589 >E	Oakdale 345kV Voltage	Marcy South N.	7.9	320	344.5	3395
2597 >E	Station 80 345kV Voltage	Marcy South N.	12.0	327.8	341.8	3402
2599	Millwood 345kV Voltage	Pre-Fault	41.5	NA	348	2599
2602	Clay 345kV Voltage	Volney-Marcy	4.2	327.8	334.0	2549
2609 >E	Station 80 345kV Voltage	SBK Marcy R3108	6.7	327.8	340.8	2498
2615 >E	Clay 345kV Voltage	SBK Edic R945	8.5	327.8	335.2	1928
2615 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	8.5	327.8	335.2	1928
2620 >E	Clay 345kV Voltage	Marcy South S.	5.0	327.8	331.3	3163
2623 >E	Edic 345kV Voltage	Marcy South S.	4.5	327.8	331.4	3165

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2625 >E	Marcy 345kV Voltage	Marcy South S.	4.5	327.8	331.2	3166
2627 >E	Marcy 345kV Voltage	SBK Edic R945	8.6	327.8	336.1	1937
2627 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	8.6	327.8	336.1	1937
2627 >E	Edic 345kV Voltage	SBK Edic R945	8.6	327.8	336.0	1937
2627 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	8.6	327.8	336.0	1937
2630 >E	Edic 345kV Voltage	Volney-Marcy	4.9	327.8	330.1	2573
2630 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	9.4	327.8	334.1	1891
2634 >E	Marcy 345kV Voltage	Volney-Marcy	5.0	327.8	329.5	2577
2637 >E	Oakdale 345kV Voltage	Pre-Fault	6.0	NA	335	2637
2640 >E	Clay 345kV Voltage	SBK Princetown 345	6.7	327.8	328.4	2449
2641 >E	Clay 345kV Voltage	Ravenswood 3	6.7	327.8	328.2	2740
2643 >E	Edic 345kV Voltage	SBK Princetown 345	5.9	327.8	328.0	2452
2643 >E	Edic 345kV Voltage	Ravenswood 3	5.9	327.8	328.0	2742
2643 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	6.8	327.8	327.9	2610
2643 >E	Clay 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	327.9	2593
2644 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	5.9	327.8	327.9	2610
2644 >E	Clay 345kV Voltage	Princetown-N.Scot 345	6.8	327.8	327.8	2634
2644 >E	Clay 345kV Voltage	SBK Edic R70	7.5	327.8	327.8	2677
2644 >E	Edic 345kV Voltage	N.Scot-Leeds 345	5.9	327.8	327.8	2594
2644 >E	Edic 345kV Voltage	Princetown-N.Scot 345	5.9	327.8	327.8	2634
2644 >E	Marcy 345kV Voltage	SBK Edic R70	5.9	327.8	327.8	2678
2644 >E	Marcy 345kV Voltage	SBK Princetown 345	5.9	327.8	327.8	2453
2644 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	5.9	327.8	327.8	2611
2644 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	5.9	327.8	327.8	2594
2644 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	5.9	327.8	327.8	2635
2644 >E	Marcy 345kV Voltage	Ravenswood 3	5.9	327.8	327.8	2744
2645 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	9.4	327.8	334.8	1901
2649 >E	Clay 345kV Voltage	Ph2 DC 1500	11.4	327.8	332.8	2982
2651 >E	Edic 345kV Voltage	SBK Edic R70	7.4	327.8	326.7	2684
2652 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.2	320	337.9	2522
2653 >E	Buchanan North 345kV Voltage	Pre-Fault	43.5	NA	346	2653
2654 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	9.5	327.8	334.4	1906
2657 >E	Edic 345kV Voltage	Ph2 DC 1500	11.6	327.8	334.0	2988
2657 >E	Pannell Road 345kV Voltage	Volney-Marcy	7.0	327.8	334.0	2597
2659 >E	New Scotland 345kV Voltage Alps	Pre-Fault	13.5	NA	348	2659
2659 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	13.5	NA	348	2659
2661 >E	Gordon Rd 345kV Voltage	Marcy South S.	7.8	327.8	339.9	3192
2661 >E	Marcy 345kV Voltage	Ph2 DC 1500	11.6	327.8	333.9	2992

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2678 >E	Fraser 345kV Voltage	Pre-Fault	7.7	NA	338	2678
2679 >E	Pannell Road 345kV Voltage	Marcy South S.	8.1	327.8	331.9	3205
2682 >E	St.Lawrence 230kV Voltage	Pre-Fault	18.4	NA	225	2682
2685 >E	Oakdale 345kV Voltage	Volney-Marcy	4.8	320	327.0	2621
2688 >E	Marcy 345kV Voltage	SBK Marcy R3108	10.3	327.8	327.8	2542
2689 >E	Station 80 345kV Voltage	Volney-Marcy	8.8	327.8	334.2	2626
2698 >E	Gilboa 345kV Voltage	Pre-Fault	15.5	NA	348	2698
2702 >E	Coopers Corners 345kV Voltage	Pre-Fault	10.9	NA	338	2702
2704 >E	Rock Tavern 345kV Voltage	Pre-Fault	26.3	NA	348	2704
2708 >E	Oakdale 345kV Voltage	Marcy South S.	5.3	320	323.0	3226
2711 >E	Pannell Road 345kV Voltage	SBK Edic R945	13.3	327.8	335.1	1996
2711 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	13.3	327.8	335.1	1996
2718 >E	Pannell Road 345kV Voltage	SBK Princetown 345	10.7	327.8	328.4	2518
2718 >E	Pannell Road 345kV Voltage	Ravenswood 3	10.7	327.8	328.4	2815
2718 >E	Station 80 345kV Voltage	Marcy South S.	10.3	327.8	332.1	3233
2718 >E	Oakdale 345kV Voltage	SBK Princetown 345	5.9	320	321.3	2519
2720 >E	Oakdale 345kV Voltage	Ravenswood 3	5.9	320	321.1	2816
2723 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	10.9	327.8	327.9	2671
2723 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	10.9	327.8	327.9	2688
2724 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	10.9	327.8	327.8	2714
2725 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	5.9	320	320.2	2673
2725 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	5.9	320	320.2	2690
2726 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	5.9	320	320.1	2715
2729 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	10.1	327.8	333.8	2694
2730 >E	Oakdale 345kV Voltage	SBK Edic R70	6.1	320	319.4	2765
2731 >E	Pannell Road 345kV Voltage	SBK Edic R70	11.9	327.8	327.2	2766
2734 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	14.6	327.8	334.0	1959
2742 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	10.8	327.8	338.2	2572
2743 >E	Pleasant Valley 345kV Voltage	Pre-Fault	36.5	NA	348	2743
2755 >E	Oakdale 345kV Voltage	SBK Edic R945	9.3	320	333.0	2027
2755 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	9.3	320	333.0	2027
2755 >E	Buchanan South 345kV Voltage	Pre-Fault	42.6	NA	346	2755
2757 >E	Fraser 345kV Voltage	SBK Princetown 345	7.7	327.8	327.8	2553
2757 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	7.7	327.8	327.8	2704
2757 >E	Fraser 345kV Voltage	Marcy South S.	7.7	327.8	327.8	3261
2757 >E	Fraser 345kV Voltage	Volney-Marcy	7.7	327.8	327.8	2685
2757 >E	Fraser 345kV Voltage	SBK Edic R70	7.7	327.8	327.8	2792
2757 >E	Fraser 345kV Voltage	Ravenswood 3	7.7	327.8	327.8	2852

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2757 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	7.7	327.8	327.8	2746
2757 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	7.7	327.8	327.8	2721
2762 >E	New Scotland 345kV Voltage Alps	Marcy South S.	9.7	327.8	340.3	3264
2762 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	9.7	327.8	340.3	3264
2763 >E	New Scotland 345kV Voltage Alps	Marcy South N.	14.5	327.8	348.0	3535
2763 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	14.5	327.8	348.0	3535
2766 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	10.1	327.8	330.6	2712
2768 >E	Station 80 345kV Voltage	Ravenswood 3	13.6	327.8	328.5	2863
2770 >E	Station 80 345kV Voltage	SBK Princetown 345	13.6	327.8	328.4	2565
2770 >E	Station 80 345kV Voltage	SBK Edic R945	16.5	327.8	335.1	2038
2770 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	16.5	327.8	335.1	2038
2773 >E	St.Lawrence 230kV Voltage	Volney-Marcy	16.4	218.5	220.0	2699
2774 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	17.9	327.8	332.2	3091
2774 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	10.9	327.8	329.9	2763
2775 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	9.9	320	331.7	1986
2776 >E	St.Lawrence 230kV Voltage	Marcy South S.	16.0	218.5	219.8	3274
2777 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	13.8	327.8	327.9	2723
2777 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	13.9	327.8	327.9	2741
2778 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	13.9	327.8	327.8	2767
2778 >E	Coopers Corners 345kV Voltage	Ravenswood 3	10.5	327.8	331.0	2873
2778 >E	Gordon Rd 345kV Voltage	Ravenswood 3	11.0	327.8	329.5	2873
2781 >E	Gordon Rd 345kV Voltage	Volney-Marcy	10.3	327.8	329.2	2706
2783 >E	St.Lawrence 230kV Voltage	SBK Edic R70	16.7	218.5	219.5	2818
2789 >E	Station 80 345kV Voltage	SBK Edic R70	15.2	327.8	327.0	2825
2793 >E	St.Lawrence 230kV Voltage	Ravenswood 3	18.2	218.5	218.9	2887
2798 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	10.7	327.8	329.2	2589
2798 >E	Coopers Corners 345kV Voltage	SBK Edic R70	10.8	327.8	329.1	2834
2798 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	18.1	327.8	334.1	2002
2801 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	18.4	218.5	218.5	2790
2801 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	18.4	218.5	218.5	2765
2802 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	18.4	218.5	218.5	2747
2803 >E	Ramapo 500kV Voltage	Ravenswood 3	47.7	500	505.3	2897
2804 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	18.5	218.5	218.3	2595
2806 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	10.8	327.8	328.5	2752
2810 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	10.8	327.8	328.1	2774
2811 >E	Coopers Corners 345kV Voltage	Volney-Marcy	10.6	327.8	327.9	2733
2812 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	10.9	327.8	327.9	2801

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2813 >E	Niagara 230kV East Voltage	Pre-Fault	29.6	NA	225	2813
2813 >E	Niagara 230kV West Voltage	Pre-Fault	29.6	NA	225	2813
2820 >E	Somerset 345kV Voltage	SBK Marcy R3108	13.0	327.8	346.2	2616
2823 >E	Gordon Rd 345kV Voltage	SBK Edic R70	12.3	327.8	325.5	2859
2831 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	24.0	218.5	221.9	2622
2839 >E	Fraser 345kV Voltage	SBK Edic R945	12.1	327.8	338.4	2086
2839 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	12.1	327.8	338.4	2086
2839 >E	St.Lawrence 230kV Voltage	Marcy South N.	29.7	218.5	226.8	3597
2841 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	20.1	327.8	337.7	3150
2845 >E	Station 80 345kV Voltage	Ph2 DC 1500	22.5	327.8	332.4	3153
2850 >E	Ramapo 345kV Voltage	Pre-Fault	44.2	NA	346	2850
2861 >E	Oakdale 345kV Voltage	Ph2 DC 1500	12.9	320	325.8	3167
2862 >E	Watercure 230kV Voltage	Marcy South N.	19.7	207	225.7	3615
2866 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	13.0	327.8	337.1	2046
2866 >E	Gilboa 345kV Voltage	Marcy South S.	12.5	327.8	337.1	3338
2867 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	11.6	327.8	332.6	2811
2867 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	11.6	327.8	332.6	2811
2870 >E	Coopers Corners 345kV Voltage	SBK Edic R945	18.0	327.8	339.8	2108
2870 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	18.0	327.8	339.8	2108
2871 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	19.7	327.8	336.6	2050
2884 >E	Fraser 345kV Voltage	SBK Marcy R3108	13.5	327.8	327.8	2651
2893 >E	Leeds 345kV Voltage	Pre-Fault	26.3	NA	345	2893
2895 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	19.1	327.8	338.9	2066
2905 >E	Watercure 230kV Voltage	SBK Marcy R3108	15.7	207	224.3	2663
2912 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	13.2	327.8	329.3	3002
2912 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	13.2	327.8	329.3	3002
2914 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	12.7	327.8	329.1	2823
2914 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	12.7	327.8	329.1	2823
2916 >E	Ladentown 345kV Voltage	Pre-Fault	45.3	NA	346	2916
2932 >E	New Scotland 345kV Voltage Alps	Princeton-N.Scot 345	13.6	327.8	327.7	2921
2932 >E	New Scotland 345kV Voltage Gilb	Princeton-N.Scot 345	13.6	327.8	327.7	2921
2935 >E	Niagara 230kV East Voltage	Volney-Marcy	25.0	218.5	220.9	2841
2935 >E	Niagara 230kV West Voltage	Volney-Marcy	25.0	218.5	220.9	2841
2939 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	13.7	327.8	327.3	2900
2939 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	13.7	327.8	327.3	2900
2939 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	14.0	327.8	327.2	2978
2939 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	14.0	327.8	327.2	2978
2942 >E	Somerset 345kV Voltage	Marcy South N.	22.5	327.8	346.0	3679
2945 >E	Roseton 345kV Voltage	Pre-Fault	38.5	NA	345	2945

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2954 >E	Niagara 230kV East Voltage	Marcy South S.	26.3	218.5	220.2	3401
2954 >E	Niagara 230kV West Voltage	Marcy South S.	26.3	218.5	220.2	3401
2981 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	14.7	327.8	329.7	2922
2988 >E	Niagara 230kV East Voltage	Ravenswood 3	28.8	218.5	219.1	3075
2988 >E	Niagara 230kV West Voltage	Ravenswood 3	28.8	218.5	219.1	3075
2992 >E	Ramapo 500kV Voltage	Ph2 DC 1500	85.9	500	506.2	3282
2998 >E	Fraser 345kV Voltage	Marcy South N.	19.3	327.8	327.8	3724
2999 >E	Niagara 230kV East Voltage	SBK Princetown 345	29.2	218.5	218.7	2767
2999 >E	Niagara 230kV West Voltage	SBK Princetown 345	29.2	218.5	218.7	2767
3000 >E	Gilboa 345kV Voltage	Ravenswood 3	15.3	327.8	328.5	3087
3001 >E	Sprain Brook 345kV Voltage	Ravenswood 3	35.2	327.8	336.0	3087
3002 >E	Dunwoodie 345kV Voltage	Ravenswood 3	35.7	327.8	336.0	3088
3003 >E	Gilboa 345kV Voltage	Volney-Marcy	15.2	327.8	328.3	2901
3004 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	29.5	218.5	218.6	2944
3004 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	29.5	218.5	218.6	2944
3004 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	29.5	218.5	218.5	2964
3004 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	29.5	218.5	218.5	2964
3004 >E	Niagara 230kV East Voltage	SBK Edic R70	29.7	218.5	218.5	3044
3004 >E	Niagara 230kV West Voltage	SBK Edic R70	29.7	218.5	218.5	3044
3005 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	29.5	218.5	218.5	2993
3005 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	29.5	218.5	218.5	2993
3007 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	14.7	327.8	322.3	2774
3007 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	14.7	327.8	322.3	2774
3010 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	15.5	327.8	327.8	2998
3012 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	15.5	327.8	327.7	2971
3012 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	17.6	327.8	335.3	2723
3012 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	17.6	327.8	335.3	2723
3016 >E	Gilboa 345kV Voltage	SBK Edic R70	15.7	327.8	327.5	3055
3026 >E	Gilboa 345kV Voltage	SBK Princetown 345	15.7	327.8	326.8	2791
3029 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	20.4	327.8	325.5	2732
3033 >E	Bowline 1 345kV Voltage	Pre-Fault	45.2	NA	345	3033
3055 >E	Fraser 345kV Voltage	Ph2 DC 1500	20.4	327.8	327.8	3338
3086 >E	Bowline 2 345kV Voltage	Pre-Fault	48.4	NA	345	3086
3099 >E	Millwood 345kV Voltage	Ravenswood 3	34.2	327.8	336.0	3182
3100 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	58.0	500	500.4	3037
3100 >E	Rock Tavern 345kV Voltage	Ravenswood 3	23.8	327.8	332.9	3183
3101 >E	Ramapo 500kV Voltage	SBK Edic R70	57.8	500	500.3	3142
3102 >E	Buchanan North 345kV Voltage	Ravenswood 3	35.3	327.8	335.7	3185

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3102 >E	Ramapo 500kV Voltage	SBK Princetown 345	58.9	500	500.3	2859
3105 >E	Leeds 345kV Voltage	Marcy South S.	20.1	327.8	336.9	3509
3115 >E	Ramapo 500kV Voltage	Volney-Marcy	59.6	500	500.1	2999
3117 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	59.3	500	500.1	3075
3120 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	59.4	500	500.0	3107
3122 >E	Ramapo 500kV Voltage	Pre-Fault	59.5	NA	500	3122
3127 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	26.6	327.8	331.2	3401
3134 >E	Somerset 345kV Voltage	Volney-Marcy	24.3	327.8	340.9	3016
3148 >E	St.Lawrence 230kV Voltage	SBK Edic R945	49.3	218.5	224.2	2304
3148 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	49.3	218.5	224.2	2304
3164 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	26.5	327.8	336.9	3433
3164 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	26.5	327.8	336.9	3433
3169 >E	Buchanan South 345kV Voltage	Ravenswood 3	34.4	327.8	336.3	3249
3191 >E	Gilboa 345kV Voltage	Marcy South N.	25.7	327.8	338.8	3880
3218 >E	Rock Tavern 345kV Voltage	SBK Edic R70	26.0	327.8	328.4	3261
3223 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	25.9	327.8	328.2	3157
3224 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	26.1	327.8	328.2	2967
3231 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	54.6	218.5	223.3	2287
3232 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	26.2	327.8	327.9	3188
3233 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	26.2	327.8	327.8	3220
3240 >E	Rock Tavern 345kV Voltage	Volney-Marcy	26.3	327.8	327.6	3109
3242 >E	Gilboa 345kV Voltage	SBK Marcy R3108	24.3	327.8	330.7	2851
3254 >E	Ramapo 500kV Voltage	SBK Edic R945	87.5	500	504.3	2379
3254 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	87.6	500	504.3	2379
3274 >E	Somerset 345kV Voltage	SBK Edic R945	31.5	327.8	338.5	2393
3274 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	31.5	327.8	338.5	2393
3276 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	90.8	500	504.1	2317
3280 >E	Niagara 230kV East Voltage	SBK Marcy R3108	52.6	218.5	229.7	2872
3280 >E	Niagara 230kV West Voltage	SBK Marcy R3108	52.6	218.5	229.7	2872
3281 >E	Somerset 345kV Voltage	Marcy South S.	30.3	327.8	338.1	3635
3288 >E	Somerset 345kV Voltage	Pre-Fault	52.7	NA	338	3288
3289 >E	Niagara 345kV Voltage	SBK Marcy R3108	25.7	327.8	350.5	2877
3291 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	65.1	218.5	222.6	3544
3308 >E	Ramapo 345kV Voltage	Ravenswood 3	35.9	327.8	335.6	3383
3309 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	33.5	327.8	332.5	3385
3320 >E	Gilboa 345kV Voltage	SBK Edic R945	27.7	327.8	337.3	2425
3320 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	27.7	327.8	337.3	2425
3325 >E	Ladentown 345kV Voltage	Ravenswood 3	35.1	327.8	337.0	3400
3334 >E	Sprain Brook 345kV Voltage	SBK Edic R70	42.3	327.8	328.2	3379

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3337 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	42.1	327.8	328.1	3268
3340 >E	Dunwoodie 345kV Voltage	SBK Edic R70	42.9	327.8	328.2	3386
3342 >E	Ramapo 500kV Voltage	SBK Marcy R3108	86.6	500	501.3	2907
3343 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	42.8	327.8	328.1	3274
3345 >E	Leeds 345kV Voltage	Volney-Marcy	26.3	327.8	327.8	3201
3345 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	26.3	327.8	327.8	3276
3345 >E	Leeds 345kV Voltage	SBK Edic R70	26.3	327.8	327.8	3391
3345 >E	Leeds 345kV Voltage	SBK Princetown 345	26.3	327.8	327.8	3075
3345 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	26.3	327.8	327.8	3331
3345 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	26.3	327.8	327.8	3299
3345 >E	Leeds 345kV Voltage	Ravenswood 3	26.3	327.8	327.8	3420
3349 >E	Pleasant Valley 345kV Voltage	Marcy South S.	34.7	327.8	331.4	3683
3350 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	34.5	327.8	337.1	2366
3351 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	43.0	327.8	327.8	3337
3353 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	43.1	327.8	327.7	3306
3357 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	43.6	327.8	327.8	3343
3360 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	43.7	327.8	327.7	3313
3363 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	29.6	327.8	331.1	2455
3363 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	29.6	327.8	331.1	2455
3363 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	29.6	327.8	331.1	2455
3363 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	29.6	327.8	331.1	2455
3365 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	29.2	327.8	336.2	2376
3369 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	43.5	327.8	327.4	3096
3376 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	44.2	327.8	327.4	3102
3379 >E	Bowline 1 345kV Voltage	Ravenswood 3	35.1	327.8	337.3	3452
3383 >E	Sprain Brook 345kV Voltage	Volney-Marcy	44.4	327.8	327.1	3234
3389 >E	Dunwoodie 345kV Voltage	Volney-Marcy	45.0	327.8	327.1	3240
3395 >E	Bowline 2 345kV Voltage	Ravenswood 3	35.0	327.8	338.6	3468
3414 >E	Gordon Rd 345kV Voltage	SBK Edic R945	32.2	327.8	316.7	2491
3414 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	32.2	327.8	316.7	2491
3416 >E	Millwood 345kV Voltage	SBK Edic R70	40.7	327.8	328.3	3463
3417 >E	Buchanan North 345kV Voltage	SBK Edic R70	42.4	327.8	328.4	3463
3418 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	40.5	327.8	328.3	3346
3422 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	42.4	327.8	328.3	3351
3422 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	31.6	327.8	329.4	2413
3422 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	31.6	327.8	329.4	2413
3427 >E	Roseton 345kV Voltage	Ravenswood 3	35.1	327.8	332.5	3498
3438 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	41.5	327.8	327.8	3423

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3440 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	41.6	327.8	327.7	3392
3443 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	43.4	327.8	327.8	3428
3443 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	43.4	327.8	327.8	3395
3445 >E	Leeds 345kV Voltage	Marcy South N.	33.7	327.8	342.6	4084
3447 >E	Buchanan North 345kV Voltage	SBK Princetown 345	43.5	327.8	327.7	3165
3452 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	35.4	327.8	328.6	3379
3458 >E	Millwood 345kV Voltage	SBK Princetown 345	42.0	327.8	327.3	3175
3472 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	36.3	327.8	328.0	3520
3475 >E	Millwood 345kV Voltage	Volney-Marcy	43.0	327.8	326.9	3316
3479 >E	Buchanan North 345kV Voltage	Volney-Marcy	44.9	327.8	327.0	3319
3480 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	36.5	327.8	327.8	3465
3485 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	36.6	327.8	327.6	3435
3497 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	36.9	327.8	327.3	3335
3499 >E	Buchanan South 345kV Voltage	SBK Edic R70	41.5	327.8	328.5	3548
3505 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	41.5	327.8	328.4	3431
3517 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	37.3	327.8	326.8	3227
3530 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	42.6	327.8	327.8	3514
3531 >E	Somerset 345kV Voltage	Ph2 DC 1500	44.1	327.8	333.7	3755
3531 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	42.6	327.8	327.8	3481
3533 >E	Gilboa 345kV Voltage	Ph2 DC 1500	36.1	327.8	332.0	3757
3545 >E	Buchanan South 345kV Voltage	SBK Princetown 345	43.0	327.8	327.5	3251
3547 >E	Ramapo 500kV Voltage	Marcy South S.	111.2	500	492.9	3825
3549 >E	Coopers Corners 345kV Voltage	Marcy South N.	37.8	327.8	302.5	4167
3556 >E	Sprain Brook 345kV Voltage	Marcy South S.	53.3	327.8	323.0	3831
3559 >E	Dunwoodie 345kV Voltage	Marcy South S.	54.0	327.8	323.2	3834
3576 >E	Buchanan South 345kV Voltage	Volney-Marcy	44.3	327.8	326.7	3404
3590 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	37.8	327.8	328.2	3514
3594 >E	Roseton 345kV Voltage	SBK Edic R70	38.2	327.8	328.1	3643
3607 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	38.5	327.8	327.8	3591
3609 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	38.5	327.8	327.8	3557
3615 >E	Ramapo 345kV Voltage	SBK Edic R70	42.9	327.8	328.7	3665
3619 >E	Roseton 345kV Voltage	SBK Princetown 345	38.7	327.8	327.5	3317
3623 >E	Roseton 345kV Voltage	Volney-Marcy	38.8	327.8	327.4	3445
3626 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	43.1	327.8	328.5	3549
3649 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	60.1	327.8	326.5	3078
3650 >E	Ramapo 345kV Voltage	SBK Princetown 345	44.1	327.8	327.9	3345

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3652 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	44.1	327.8	327.9	3599
3653 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	44.2	327.8	327.8	3637
3682 >E	Millwood 345kV Voltage	Marcy South S.	52.7	327.8	321.9	3921
3684 >E	Ramapo 500kV Voltage	Marcy South N.	134.4	500	499.6	4275
3685 >E	Ladentown 345kV Voltage	SBK Edic R70	43.4	327.8	329.0	3736
3693 >E	Gardenville 230kV Voltage	SBK Marcy R3108	44.1	207	226.0	3102
3698 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	62.4	327.8	326.5	3105
3702 >E	Ramapo 345kV Voltage	Volney-Marcy	45.9	327.8	326.7	3514
3703 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	43.9	327.8	328.6	3624
3704 >E	Niagara 345kV Voltage	Marcy South N.	44.0	327.8	349.6	4291
3719 >E	Somerset 345kV Voltage	Ravenswood 3	49.3	327.8	329.8	3780
3737 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	45.2	327.8	327.9	3683
3738 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	45.2	327.8	327.8	3721
3741 >E	Ladentown 345kV Voltage	SBK Princetown 345	45.3	327.8	327.8	3425
3743 >E	Niagara 230kV East Voltage	Marcy South N.	89.2	218.5	230.1	4323
3743 >E	Niagara 230kV West Voltage	Marcy South N.	89.2	218.5	230.1	4323
3753 >E	Bowline 1 345kV Voltage	SBK Edic R70	43.3	327.8	329.1	3805
3757 >E	Somerset 345kV Voltage	SBK Princetown 345	50.1	327.8	329.1	3440
3772 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	43.9	327.8	328.7	3691
3808 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	45.1	327.8	327.9	3753
3809 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	45.2	327.8	327.8	3792
3811 >E	Ladentown 345kV Voltage	Volney-Marcy	47.8	327.8	326.2	3611
3812 >E	Bowline 1 345kV Voltage	SBK Princetown 345	45.2	327.8	327.8	3488
3812 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	52.2	327.8	328.1	3730
3814 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	52.3	327.8	328.0	3758
3822 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	52.6	327.8	327.9	3805
3826 >E	Bowline 2 345kV Voltage	SBK Edic R70	45.3	327.8	329.7	3880
3835 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	53.7	327.8	337.4	2789
3835 >E	Rock Tavern 345kV Voltage	SBK Edic R945	53.7	327.8	337.4	2789
3860 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	50.9	327.8	325.4	3196
3866 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	46.6	327.8	328.9	3782
3888 >E	Leeds 345kV Voltage	SBK Marcy R3108	45.1	327.8	327.8	3211
3900 >E	Bowline 1 345kV Voltage	Volney-Marcy	48.3	327.8	325.8	3688
3900 >E	Roseton 345kV Voltage	Marcy South S.	48.8	327.8	320.2	4077
3914 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	48.3	327.8	327.9	3857
3916 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	48.3	327.8	327.9	3898

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3921 >E	Bowline 2 345kV Voltage	SBK Princetown 345	48.5	327.8	327.8	3585
3925 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	57.1	327.8	336.3	2745
3940 >E	Millwood 345kV Voltage	SBK Marcy R3108	65.7	327.8	326.3	3240
3979 >E	Buchanan South 345kV Voltage	Marcy South S.	60.3	327.8	317.3	4133
3998 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	71.2	327.8	326.7	3272
4016 >E	Somerset 345kV Voltage	SBK Edic R70	61.8	327.8	324.2	4073
4031 >E	Bowline 2 345kV Voltage	Volney-Marcy	52.3	327.8	325.5	3804
4078 >E	Pleasant Valley 345kV Voltage	Marcy South N.	65.6	327.8	334.6	4592
4089 >E	Gardenville 230kV Voltage	Marcy South N.	64.2	207	226.9	4601
4112 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	62.0	327.8	326.8	3335
4128 >E	Watercure 230kV Voltage	SBK Edic R945	66.8	207	233.0	2995
4128 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	66.8	207	233.0	2995
4128 >E	Buchanan North 345kV Voltage	Marcy South S.	70.4	327.8	312.1	4240
4136 >E	Watercure 230kV Voltage	Volney-Marcy	63.7	207	233.0	3895
4159 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	70.7	327.8	326.4	3362
4181 >E	Gardenville 230kV Voltage	Volney-Marcy	60.6	207	218.1	3936
4263 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	67.8	327.8	332.2	4397
4298 >E	Gardenville 230kV Voltage	Pre-Fault	102.6	NA	217	4298
4349 >E	Gardenville 230kV Voltage	Marcy South S.	67.7	207	216.5	4397
4426 >E	Roseton 345kV Voltage	SBK Marcy R3108	68.9	327.8	326.0	3511
4436 >E	Niagara 230kV East Voltage	SBK Edic R945	131.9	218.5	226.2	3212
4436 >E	Niagara 230kV West Voltage	SBK Edic R945	131.9	218.5	226.2	3212
4436 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	131.9	218.5	226.2	3212
4436 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	131.9	218.5	226.2	3212
4439 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	63.4	327.8	342.0	3214
4439 >E	Niagara 345kV Voltage	SBK Edic R945	63.4	327.8	342.0	3214
4485 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	81.2	207	233.1	3114
4491 >E	Rainey 345kV Voltage	Ravenswood 3	90.6	327.8	341.5	4524
4564 >E	Ramapo 345kV Voltage	SBK Marcy R3108	81.4	327.8	326.3	3587
4580 >E	Rock Tavern 345kV Voltage	Marcy South N.	74.5	327.8	308.7	4996
4582 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	103.1	327.8	334.7	3315
4582 >E	Buchanan North 345kV Voltage	SBK Edic R945	103.1	327.8	334.7	3315
4603 >E	Farragut 345kV Voltage	Ravenswood 3	95.6	327.8	340.7	4632
4616 >E	Rock Tavern 345kV Voltage	Marcy South S.	65.2	327.8	275.2	4588
4622 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	69.9	327.8	327.8	3205
4622 >E	Leeds 345kV Voltage	SBK Edic R945	69.9	327.8	327.8	3343
4622 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	69.9	327.8	327.8	3343
4622 >E	Leeds 345kV Voltage	Ph2 DC 1500	69.9	327.8	327.8	4711
4628 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	144.9	218.5	225.5	3209
4628 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	144.9	218.5	225.5	3209
4628 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	69.6	327.8	340.4	3209

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4630 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	106.0	327.8	334.4	4718
4732 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	110.2	327.8	333.7	3277
4736 >E	Roseton 345kV Voltage	Marcy South N.	81.8	327.8	327.0	5121
4773 >E	Ramapo 345kV Voltage	SBK Edic R945	93.1	327.8	337.3	3450
4774 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	93.1	327.8	337.3	3450
4781 >E	Ladentown 345kV Voltage	SBK Marcy R3108	85.7	327.8	326.3	3709
4894 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	92.2	327.8	332.8	4950
4946 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	99.9	327.8	336.2	3418
4966 >E	Ramapo 345kV Voltage	Ph2 DC 1500	100.9	327.8	336.0	5013
4967 >E	Coopers Corners 345kV Voltage	Marcy South S.	58.3	327.8	129.7	4839
4981 >E	Ladentown 345kV Voltage	Marcy South S.	86.6	327.8	300.4	4849
5000 >E	Rainey 345kV Voltage	Pre-Fault	144.8	NA	338	5000
5014 >E	Farragut 345kV Voltage	Pre-Fault	150.5	NA	338	5014
5034 >E	Millwood 345kV Voltage	Marcy South N.	118.6	327.8	325.3	5360
5035 >E	Ramapo 345kV Voltage	Marcy South S.	90.5	327.8	296.6	4888
5052 >E	Millwood 345kV Voltage	Ph2 DC 1500	117.2	327.8	333.6	5089
5080 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	111.9	327.8	334.9	5113
5082 >E	Dunwoodie 345kV Voltage	Marcy South N.	138.4	327.8	325.0	5399
5099 >E	Sprain Brook 345kV Voltage	Marcy South N.	138.5	327.8	324.9	5413
5103 >E	Gardenville 230kV Voltage	Ravenswood 3	94.7	207	209.2	5114
5116 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	114.0	327.8	334.6	3691
5116 >E	Buchanan South 345kV Voltage	SBK Edic R945	114.0	327.8	334.6	3692
5121 >E	Roseton 345kV Voltage	SBK Edic R945	95.5	327.8	333.8	3695
5121 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	95.5	327.8	333.8	3695
5122 >E	Ladentown 345kV Voltage	SBK Edic R945	101.3	327.8	338.0	3695
5122 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	101.3	327.8	338.0	3695
5122 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	137.5	327.8	332.6	5150
5141 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	139.0	327.8	332.5	5166
5163 >E	Millwood 345kV Voltage	SBK Edic R945	123.8	327.8	332.9	3724
5163 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	123.8	327.8	332.9	3725
5167 >E	Gardenville 230kV Voltage	SBK Princetown 345	97.3	207	208.5	4690
5171 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	94.9	327.8	326.2	3926
5191 >E	Niagara 345kV Voltage	Ph2 DC 1500	91.0	327.8	335.5	5211
5196 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	94.4	327.8	326.2	3940
5236 >E	Niagara 230kV East Voltage	Ph2 DC 1500	192.5	218.5	223.2	5250
5236 >E	Niagara 230kV West Voltage	Ph2 DC 1500	192.5	218.5	223.2	5250
5240 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	104.9	327.8	329.8	3779
5240 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	104.9	327.8	329.8	3779
5248 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	146.8	327.8	331.9	3785
5249 >E	Sprain Brook 345kV Voltage	SBK Edic R945	146.9	327.8	331.9	3785
5263 >E	Ladentown 345kV Voltage	Ph2 DC 1500	106.8	327.8	337.2	5273

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5268 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	100.5	327.8	332.6	3631
5271 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	148.9	327.8	331.8	3801
5271 >E	Dunwoodie 345kV Voltage	SBK Edic R945	148.9	327.8	331.8	3801
5274 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	100.9	327.8	339.7	3803
5274 >E	Bowline 1 345kV Voltage	SBK Edic R945	101.0	327.8	339.7	3803
5285 >E	Roseton 345kV Voltage	Ph2 DC 1500	100.4	327.8	332.4	5292
5288 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	101.4	207	207.4	5165
5296 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	101.7	207	207.3	5212
5316 >E	Gardenville 230kV Voltage	Princeton-N.Scot 345	102.3	207	207.1	5289
5327 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	122.7	327.8	333.3	3670
5350 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	109.9	327.8	336.6	3685
5356 >E	Gardenville 230kV Voltage	SBK Edic R945	107.3	207	220.8	3861
5356 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	107.3	207	220.8	3861
5374 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	132.9	327.8	331.7	3701
5379 >E	Bowline 1 345kV Voltage	Marcy South S.	96.0	327.8	293.1	5134
5397 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	110.3	327.8	328.5	3716
5403 >E	Bowline 2 345kV Voltage	Marcy South S.	95.4	327.8	297.2	5150
5428 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	106.6	327.8	338.9	5418
5467 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	157.6	327.8	330.8	3762
5467 >E	Buchanan North 345kV Voltage	Marcy South N.	139.7	327.8	318.3	5709
5468 >E	Gardenville 230kV Voltage	SBK Edic R70	108.4	207	205.6	5550
5484 >E	Goethals 345kV Voltage	Ravenswood 3	130.8	327.8	339.5	5481
5492 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	159.8	327.8	330.7	3779
5497 >E	Buchanan South 345kV Voltage	Marcy South N.	129.1	327.8	322.4	5732
5516 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	109.6	327.8	338.4	3795
5530 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	108.6	327.8	339.2	3984
5531 >E	Bowline 2 345kV Voltage	SBK Edic R945	108.6	327.8	339.2	3984
5645 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	118.0	207	219.5	3880
5715 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	115.3	327.8	338.2	5670
5785 >E	Goethals 345kV Voltage	Pre-Fault	203.4	NA	338	5785
5859 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	120.2	327.8	337.4	4021
6278 >E	Watercure 230kV Voltage	Marcy South S.	144.7	207	233.5	5776
6396 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	141.8	327.8	328.4	6243
6404 >E	Rainey 345kV Voltage	SBK Edic R70	142.3	327.8	328.3	6503
6441 >E	Ramapo 345kV Voltage	Marcy South N.	152.4	327.8	309.5	6491
6466 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	147.3	327.8	328.4	6310
6473 >E	Farragut 345kV Voltage	SBK Edic R70	147.8	327.8	328.3	6573
6478 >E	Rainey 345kV Voltage	Princeton-N.Scot 345	144.8	327.8	327.8	6444
6485 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	145.1	327.8	327.7	6378

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6541 >E	Rainey 345kV Voltage	SBK Princetown 345	146.8	327.8	327.4	5908
6548 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	150.4	327.8	327.8	6514
6557 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	150.7	327.8	327.7	6448
6614 >E	Farragut 345kV Voltage	SBK Princetown 345	152.5	327.8	327.4	5973
6625 >E	Rainey 345kV Voltage	Volney-Marcy	150.0	327.8	326.8	6082
6699 >E	Farragut 345kV Voltage	Volney-Marcy	155.9	327.8	326.8	6146
6886 >E	Ladentown 345kV Voltage	Marcy South N.	163.1	327.8	312.6	6848
6964 >E	Gardenville 230kV Voltage	Ph2 DC 1500	165.8	207	213.4	6765
7218 >E	Niagara 345kV Voltage	Volney-Marcy	155.7	327.8	383.3	6602
7527 >E	Rainey 345kV Voltage	Marcy South S.	182.9	327.8	320.6	6668
7622 >E	Farragut 345kV Voltage	Marcy South S.	190.2	327.8	320.7	6736
7748 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	199.0	327.8	328.4	7557
7759 >E	Goethals 345kV Voltage	SBK Edic R70	199.7	327.8	328.3	7881
7791 >E	Bowline 1 345kV Voltage	Marcy South N.	186.4	327.8	310.6	7576
7799 >E	Bowline 2 345kV Voltage	Marcy South N.	183.9	327.8	310.7	7582
7859 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	203.4	327.8	327.8	7817
7871 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	203.8	327.8	327.7	7737
7946 >E	Goethals 345kV Voltage	SBK Princetown 345	206.3	327.8	327.4	7154
8068 >E	Goethals 345kV Voltage	Volney-Marcy	211.1	327.8	326.8	7348
9188 >E	Rainey 345kV Voltage	SBK Marcy R3108	245.3	327.8	325.5	6165
9311 >E	Goethals 345kV Voltage	Marcy South S.	258.3	327.8	320.7	7942
9432 >E	Farragut 345kV Voltage	SBK Marcy R3108	259.6	327.8	325.6	6301
9478 >E	Watercure 230kV Voltage	Ph2 DC 1500	293.3	207	234.8	8969
11796 >E	Goethals 345kV Voltage	SBK Marcy R3108	354.7	327.8	325.4	7618
13475 >E	Rainey 345kV Voltage	Ph2 DC 1500	402.8	327.8	336.7	12473
13548 >E	Farragut 345kV Voltage	Ph2 DC 1500	414.0	327.8	336.7	12537
14946 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	458.1	327.8	334.3	10621
14946 >E	Rainey 345kV Voltage	SBK Edic R945	458.1	327.8	334.3	10621
15104 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	473.4	327.8	334.2	10732
15104 >E	Farragut 345kV Voltage	SBK Edic R945	473.4	327.8	334.2	10732
15169 >E	Rainey 345kV Voltage	Marcy South N.	466.4	327.8	323.7	13505

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
15302 >E	Farragut 345kV Voltage	Marcy South N.	481.1	327.8	323.8	13612
15462 >E	Niagara 345kV Voltage	Marcy South S.	430.0	327.8	428.4	12336
15833 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	490.1	327.8	332.8	10600
15998 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	506.4	327.8	332.8	10709
16648 >E	Goethals 345kV Voltage	Ph2 DC 1500	540.0	327.8	337.6	15255
19445 >E	Goethals 345kV Voltage	SBK Edic R945	648.0	327.8	334.4	13793
19459 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	648.5	327.8	334.4	13803
19873 >E	Goethals 345kV Voltage	Marcy South N.	664.5	327.8	323.5	17285
20647 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	693.2	327.8	333.1	13776
22609 >E	Watercure 230kV Voltage	Ravenswood 3	800.5	207	238.1	21990
29392 >E	Watercure 230kV Voltage	SBK Princetown 345	1065.5	207	240.0	26169
35635 >E	Northport 138kV Voltage	Ph2 DC 1500	2596.2	131.1	138.5	31902
46935 >E	Northport 138kV Voltage	Marcy South N.	3497.5	131.1	129.2	39034
58404 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	4381.6	131.1	134.8	41257
58404 >E	Northport 138kV Voltage	SBK Edic R945	4381.6	131.1	134.8	41257
63110 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	4749.0	131.1	134.1	41788
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

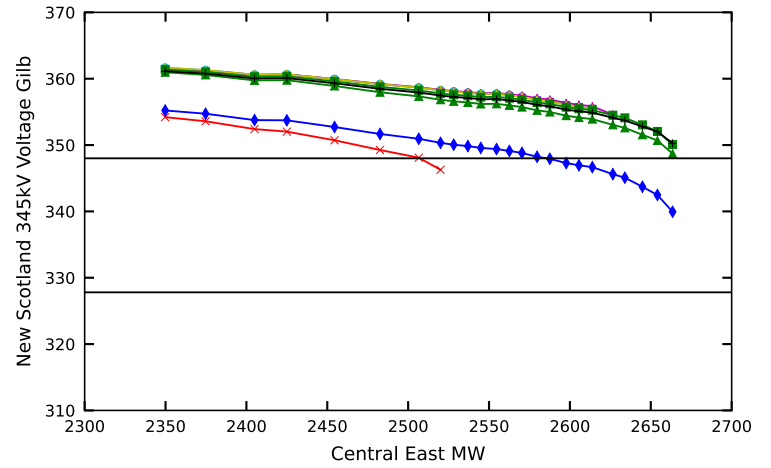
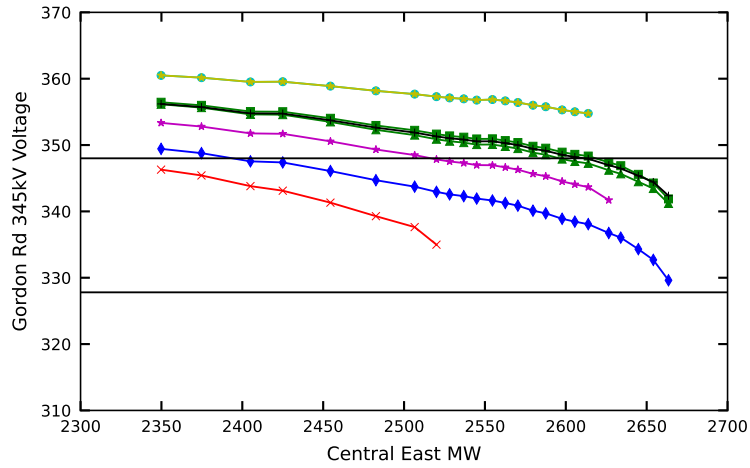
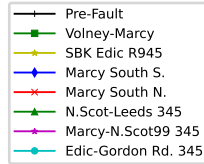
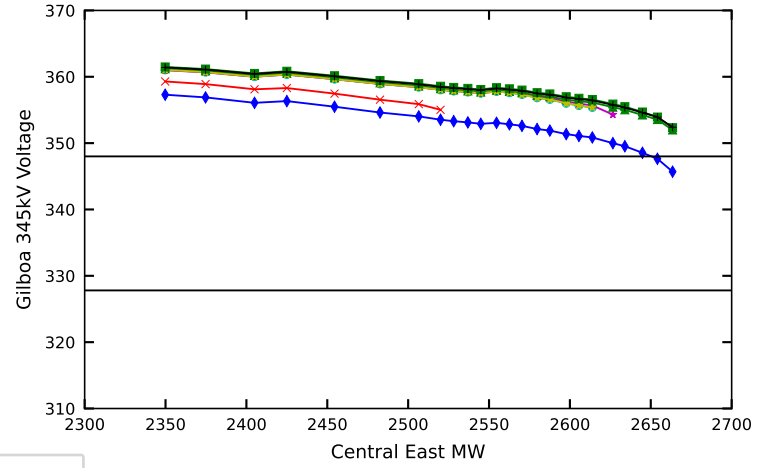
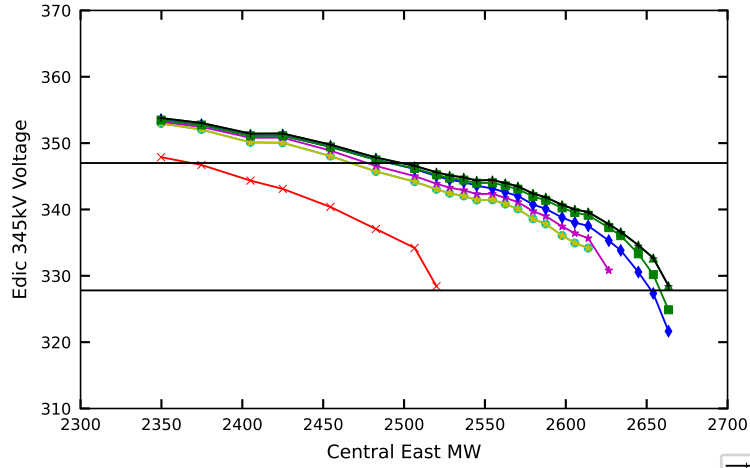
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1: 2023S CEVC PH2 CE2310 MS2270 DE1300 00 KNICK_SC_BYP

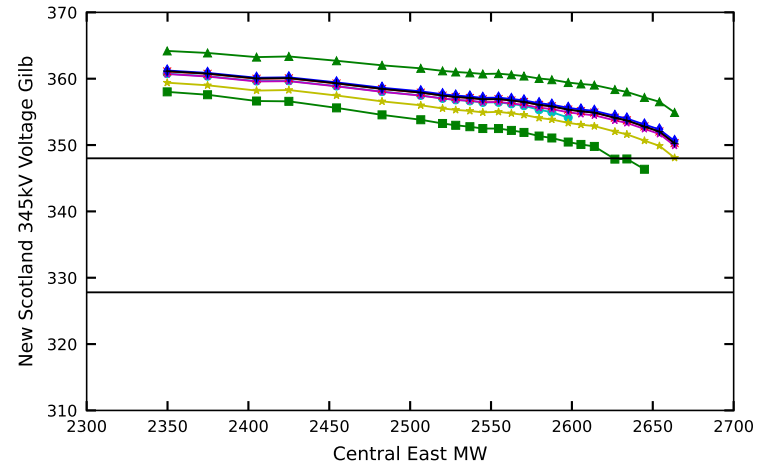
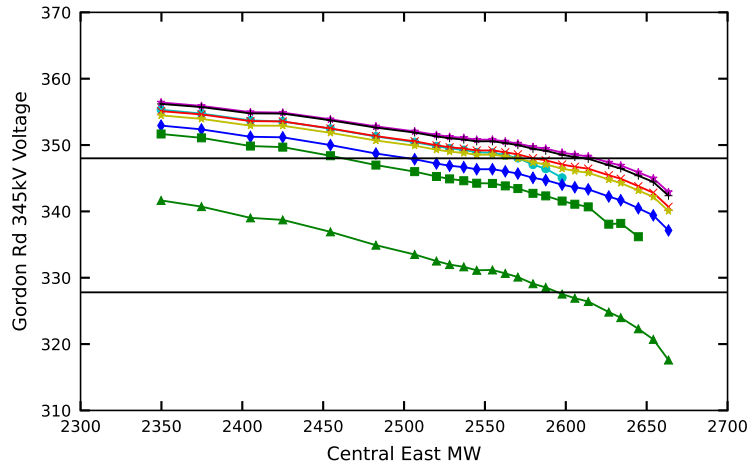
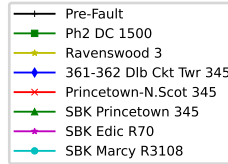
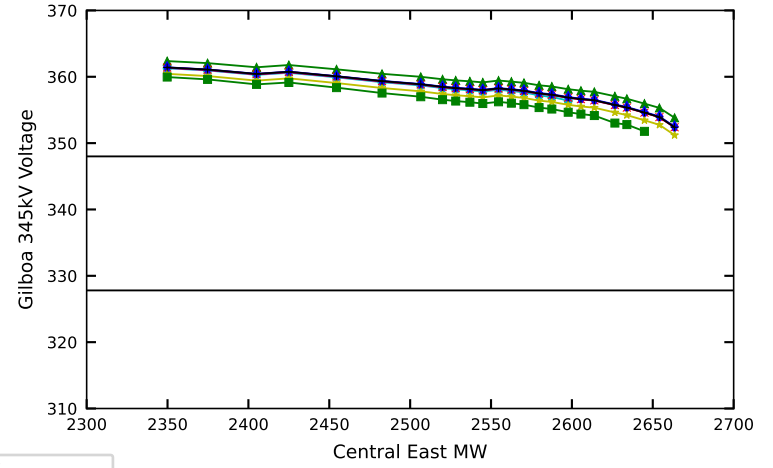
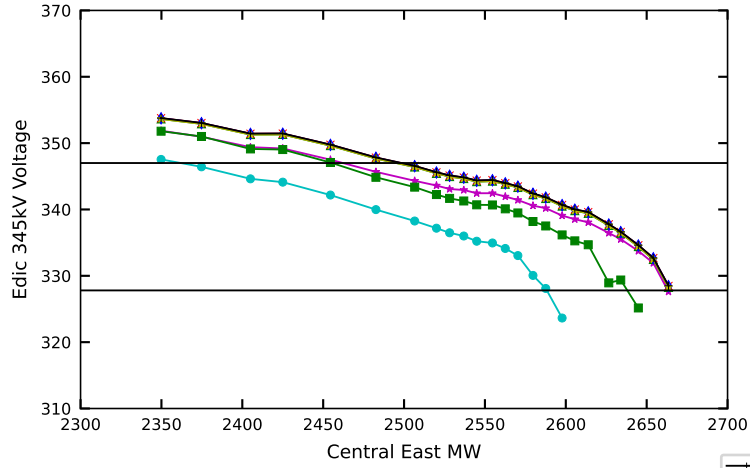
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
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99998	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
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99998	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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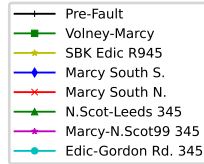
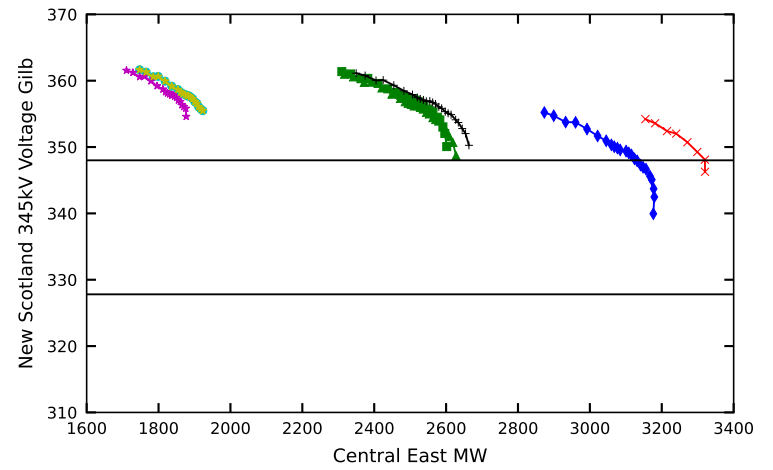
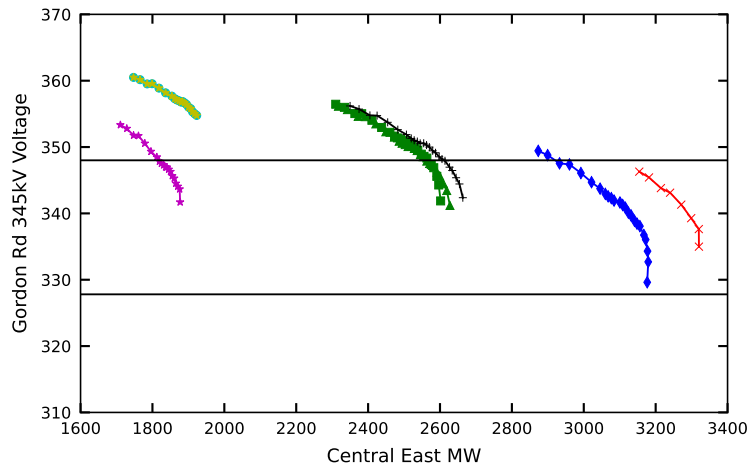
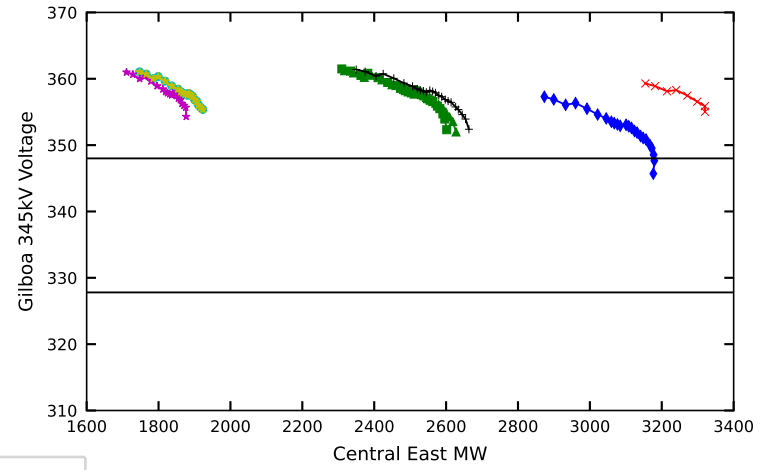
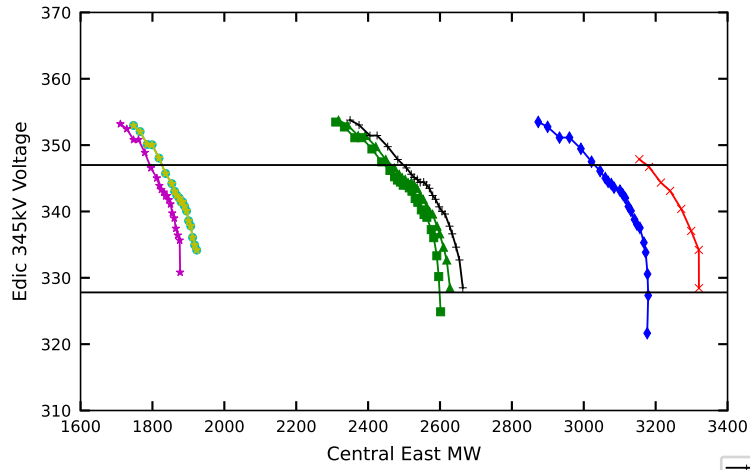
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS Figure 1



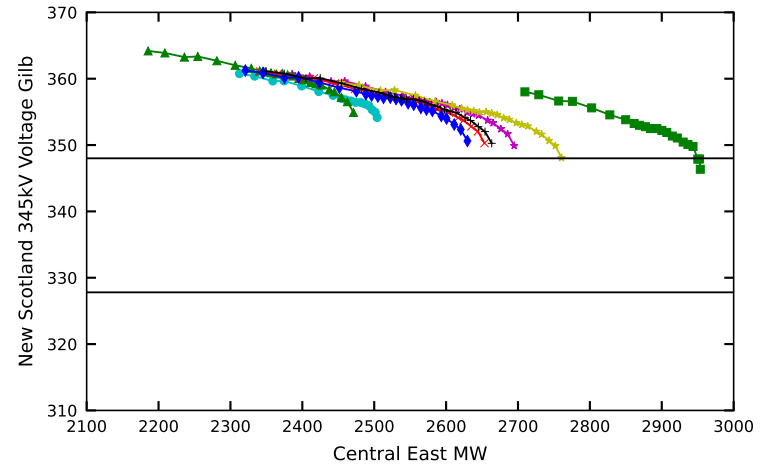
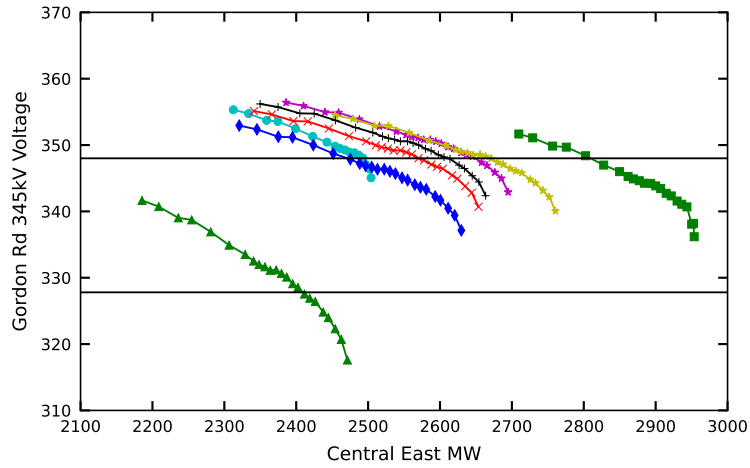
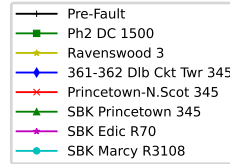
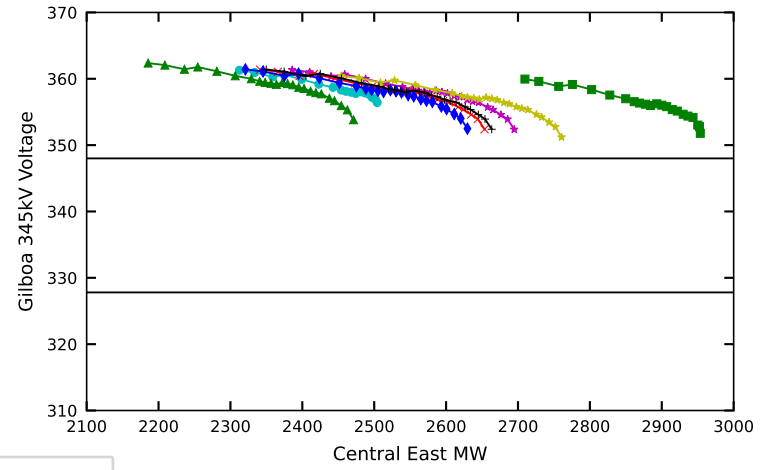
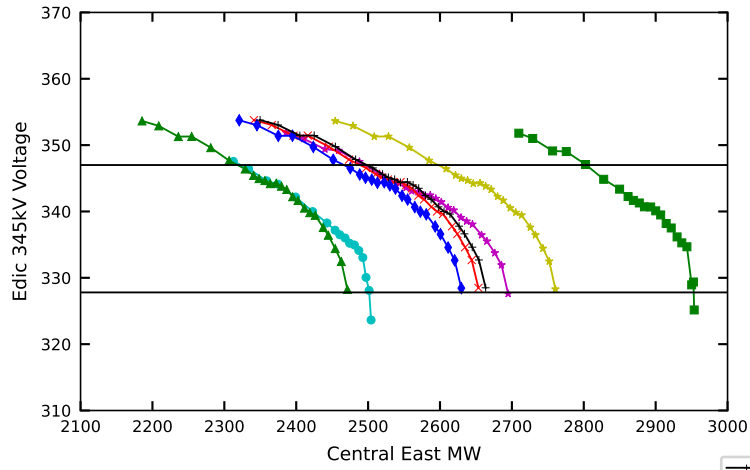
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS Figure 2



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS Figure 1



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\L_SVC_OS\Sum2023_CEVC_PH2_00_L_SVC_OS.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Interface: Central East

Transfe	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
MW		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
2349	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2374	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2405	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2425	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2454	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2482	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2506	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2520	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2528	t9	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2536	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2544	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2554	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2562	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2570	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2579	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2587	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2597	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2605	t1	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0
	8															
2613	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	9															
2626	t2	0	1	0	0	2	0	1	0	2	0	0	0	0	0	0
	0															
2633	t2	0	2	1	0	2	0	2	0	2	0	0	0	0	0	0
	1															
2644	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	2															
2654	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	3															
2663	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	4															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Interface: Central East

log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravensw																							
ood 3																							
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Ph2 DC																							
1500																							

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2394	limit with 5% margin	Marcy South N.	NA	NA	NA	3154
2467	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2378
2482	Marcy 345kV Voltage	Pre-Fault	14.4	NA	348	2482
2483	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1827
2483	limit with 5% margin	SBK Edic R945	NA	NA	NA	1827
2485 >E	Dunwoodie 345kV Voltage	Pre-Fault	52.2	NA	348	2485
2488	Pannell Road 345kV Voltage	Pre-Fault	34.2	NA	346	2488
2492 >E	Sprain Brook 345kV Voltage	Pre-Fault	51.9	NA	348	2492
2492	Clay 345kV Voltage	Pre-Fault	20.1	NA	345	2492
2493	Station 80 345kV Voltage	Pre-Fault	35.7	NA	346	2493
2495	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1783
2498	Edic 345kV Voltage	Pre-Fault	18.9	NA	347	2498
2512	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2805
2514	Clay 345kV Voltage	Marcy South N.	2.2	327.8	343.8	3320
2521	limit with 5% margin	Marcy South S.	NA	NA	NA	3020
2521 >E	Edic 345kV Voltage	Marcy South N.	2.3	327.8	345.5	3320
2522 >E	Marcy 345kV Voltage	Marcy South N.	2.3	327.8	345.6	3320
2530	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2496
2530	limit with 5% margin	Volney-Marcy	NA	NA	NA	2471
2530	limit with 5% margin	SBK Edic R70	NA	NA	NA	2560
2530	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2347
2530	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2520
2530	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2498
2530	limit with 5% margin	Ravenswood 3	NA	NA	NA	2622
2543 >E	Pannell Road 345kV Voltage	Marcy South N.	3.8	327.8	344.2	3320
2556 >E	Gordon Rd 345kV Voltage	Marcy South N.	5.1	327.8	349.7	3321
2558 >E	Station 80 345kV Voltage	Marcy South N.	4.6	327.8	344.0	3321
2570 >E	Oakdale 345kV Voltage	Marcy South N.	3.9	320	348.7	3321
2581	Clay 345kV Voltage	SBK Marcy R3108	3.5	327.8	340.6	2498
2588	Edic 345kV Voltage	SBK Marcy R3108	2.3	327.8	341.8	2501
2595	Gordon Rd 345kV Voltage	SBK Princetown 345	10.1	327.8	348.7	2409
2611	Gordon Rd 345kV Voltage	Pre-Fault	31.4	NA	348	2611
2612 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.3	327.8	341.4	2507
2625 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.9	327.8	341.3	2511
2630 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	335.9	1877
2633	Millwood 345kV Voltage	Pre-Fault	72.0	NA	348	2633
2634 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	2.6	327.8	336.6	1877
2636	Clay 345kV Voltage	Ph2 DC 1500	2.4	327.8	334.9	2952
2636 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.6	327.8	336.4	1878
2638	Edic 345kV Voltage	Ph2 DC 1500	2.6	327.8	335.9	2952

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2638	Marcy 345kV Voltage	Ph2 DC 1500	2.6	327.8	335.8	2953
2642	Clay 345kV Voltage	Volney-Marcy	3.2	327.8	333.8	2589
2650	Clay 345kV Voltage	Marcy South S.	2.9	327.8	332.5	3178
2652	Edic 345kV Voltage	Marcy South S.	2.9	327.8	333.0	3178
2653 >E	St.Lawrence 230kV Voltage	Marcy South N.	11.6	218.5	229.8	3323
2653	Marcy 345kV Voltage	Marcy South S.	2.9	327.8	332.8	3179
2654 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	336.2	1879
2656 >E	New Scotland 345kV Voltage Alps	Marcy South N.	7.4	327.8	352.9	3323
2656 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	7.4	327.8	352.9	3323
2658	Edic 345kV Voltage	Volney-Marcy	1.8	327.8	330.8	2598
2659	Marcy 345kV Voltage	Volney-Marcy	1.8	327.8	330.3	2599
2660	Clay 345kV Voltage	SBK Edic R70	2.1	327.8	328.8	2691
2661	Clay 345kV Voltage	SBK Princetown 345	2.1	327.8	328.5	2468
2661	Clay 345kV Voltage	Ravenswood 3	2.1	327.8	328.3	2758
2662	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	2.1	327.8	327.9	2628
2662	Clay 345kV Voltage	N.Scot-Leeds 345	2.1	327.8	327.9	2626
2662	Clay 345kV Voltage	Princetown-N.Scot 345	2.1	327.8	327.8	2652
2663	Edic 345kV Voltage	SBK Edic R70	2.2	327.8	328.7	2694
2663 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.7	320	341.0	2521
2663 >E	Oakdale 345kV Voltage	Pre-Fault	2.2	NA	335	2663
2664 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	4.2	327.8	336.1	2955
2664 >E	Edic 345kV Voltage	SBK Princetown 345	2.2	327.8	328.0	2472
2664 >E	Edic 345kV Voltage	Ravenswood 3	2.2	327.8	328.0	2761
2664 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	327.8	327.9	2631
2665 >E	Edic 345kV Voltage	Princetown-N.Scot 345	2.2	327.8	327.8	2654
2665 >E	Edic 345kV Voltage	N.Scot-Leeds 345	2.2	327.8	327.8	2629
2665 >E	Clay 345kV Voltage	SBK Edic R945	10.6	327.8	335.4	1958
2665 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	2.2	327.8	327.8	2629
2665 >E	Marcy 345kV Voltage	SBK Edic R70	2.2	327.8	327.8	2696
2665 >E	Marcy 345kV Voltage	SBK Princetown 345	2.2	327.8	327.8	2472
2665 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	2.2	327.8	327.8	2655
2665 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	327.8	327.8	2631
2665 >E	Marcy 345kV Voltage	Ravenswood 3	2.2	327.8	327.8	2762
2665 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	10.6	327.8	335.4	1958
2667 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	336.1	1881
2672 >E	Buchanan North 345kV Voltage	Pre-Fault	19.7	NA	346	2672
2675 >E	New Scotland 345kV Voltage Alps	Pre-Fault	5.3	NA	348	2675
2675 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	5.3	NA	348	2675

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2679 >E	Station 80 345kV Voltage	Ph2 DC 1500	5.3	327.8	336.8	2956
2679 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.2	320	336.6	1882
2680 >E	Fraser 345kV Voltage	Pre-Fault	3.0	NA	338	2680
2681 >E	Marcy 345kV Voltage	SBK Edic R945	10.7	327.8	336.5	1969
2681 >E	Oakdale 345kV Voltage	Volney-Marcy	1.9	320	326.9	2612
2681 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	10.8	327.8	336.5	1970
2682 >E	Gordon Rd 345kV Voltage	Marcy South S.	5.7	327.8	341.6	3184
2682 >E	Edic 345kV Voltage	SBK Edic R945	10.8	327.8	336.3	1970
2682 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	10.8	327.8	336.3	1970
2690 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.4	327.8	340.8	2957
2690 >E	Somerset 345kV Voltage	Marcy South N.	8.6	327.8	349.8	3324
2690 >E	St.Lawrence 230kV Voltage	Pre-Fault	9.6	NA	225	2690
2690 >E	Gilboa 345kV Voltage	Pre-Fault	6.1	NA	348	2690
2692 >E	Pannell Road 345kV Voltage	Volney-Marcy	7.3	327.8	336.8	2618
2693 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.2	320	321.3	2498
2694 >E	Oakdale 345kV Voltage	Ravenswood 3	2.2	320	321.1	2788
2694 >E	Coopers Corners 345kV Voltage	Pre-Fault	4.5	NA	338	2694
2694 >E	Watercure 230kV Voltage	Marcy South N.	9.2	207	230.0	3324
2695 >E	Rock Tavern 345kV Voltage	Pre-Fault	11.1	NA	348	2695
2696 >E	Oakdale 345kV Voltage	SBK Edic R70	2.2	320	320.2	2727
2696 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	320	320.2	2661
2696 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.2	320	320.2	2659
2696 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.2	320	320.1	2686
2700 >E	Pleasant Valley 345kV Voltage	Pre-Fault	15.2	NA	348	2700
2700 >E	Pannell Road 345kV Voltage	Marcy South S.	7.0	327.8	335.4	3188
2702 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	333.9	2667
2704 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.9	320	332.4	2959
2707 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	342.0	1885
2709 >E	Niagara 230kV East Voltage	Pre-Fault	8.4	NA	225	2709
2709 >E	Niagara 230kV West Voltage	Pre-Fault	8.4	NA	225	2709
2711 >E	Fraser 345kV Voltage	SBK Edic R70	3.0	327.8	327.8	2741
2711 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	3.0	327.8	327.8	2700
2711 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.0	327.8	327.8	2676
2711 >E	Fraser 345kV Voltage	Ravenswood 3	3.0	327.8	327.8	2803
2711 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	327.8	2673
2711 >E	Fraser 345kV Voltage	Volney-Marcy	3.0	327.8	327.8	2628
2711 >E	Fraser 345kV Voltage	SBK Princetown 345	3.0	327.8	327.8	2514
2713 >E	Marcy 345kV Voltage	SBK Marcy R3108	8.9	327.8	327.8	2534

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2716 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	340.2	1886
2716 >E	Buchanan South 345kV Voltage	Pre-Fault	19.3	NA	346	2716
2717 >E	Gordon Rd 345kV Voltage	Ravenswood 3	4.4	327.8	330.4	2809
2718 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.8	327.8	342.4	1886
2718 >E	Gordon Rd 345kV Voltage	Volney-Marcy	3.9	327.8	330.2	2633
2718 >E	Oakdale 345kV Voltage	Marcy South S.	3.7	320	326.2	3192
2719 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	4.2	327.8	330.1	2681
2720 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	4.4	327.8	329.8	2710
2725 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	7.4	327.8	340.8	2538
2726 >E	Coopers Corners 345kV Voltage	Ravenswood 3	4.4	327.8	330.9	2817
2727 >E	St.Lawrence 230kV Voltage	Volney-Marcy	7.7	218.5	221.1	2638
2732 >E	Gordon Rd 345kV Voltage	SBK Edic R70	4.5	327.8	327.2	2762
2733 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.4	327.8	329.2	2764
2734 >E	Ramapo 500kV Voltage	Ravenswood 3	20.4	500	505.1	2825
2735 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	4.4	327.8	328.8	2536
2736 >E	Coopers Corners 345kV Voltage	Volney-Marcy	4.2	327.8	328.7	2643
2738 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.5	327.8	328.1	2699
2739 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	4.5	327.8	328.0	2704
2739 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	4.5	327.8	327.9	2729
2746 >E	Niagara 230kV East Voltage	Volney-Marcy	7.4	218.5	220.6	2649
2746 >E	Niagara 230kV West Voltage	Volney-Marcy	7.4	218.5	220.6	2649
2747 >E	St.Lawrence 230kV Voltage	Ravenswood 3	9.4	218.5	219.0	2837
2748 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	11.8	218.5	224.9	2963
2748 >E	Somerset 345kV Voltage	SBK Marcy R3108	7.6	327.8	347.1	2544
2748 >E	St.Lawrence 230kV Voltage	Marcy South S.	9.6	218.5	221.4	3198
2752 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	9.6	218.5	218.5	2742
2753 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	9.6	218.5	218.5	2717
2753 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	9.6	218.5	218.5	2713
2753 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	337.9	1889
2754 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	9.7	218.5	218.3	2553
2755 >E	Ramapo 345kV Voltage	Pre-Fault	18.7	NA	346	2755
2757 >E	St.Lawrence 230kV Voltage	SBK Edic R70	10.1	218.5	218.0	2787
2760 >E	Niagara 230kV East Voltage	Ravenswood 3	8.3	218.5	219.0	2848
2760 >E	Niagara 230kV West Voltage	Ravenswood 3	8.3	218.5	219.0	2848
2761 >E	Niagara 230kV East Voltage	SBK Edic R70	8.3	218.5	218.9	2791
2761 >E	Niagara 230kV West Voltage	SBK Edic R70	8.3	218.5	218.9	2791
2761 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	4.7	327.8	331.7	2722
2761 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	4.7	327.8	331.7	2722
2762 >E	Niagara 230kV East Voltage	SBK Princetown 345	8.4	218.5	218.7	2560

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2762 >E	Niagara 230kV West Voltage	SBK Princetown 345	8.4	218.5	218.7	2560
2763 >E	New Scotland 345kV Voltage Alps	Marcy South S.	7.5	327.8	343.1	3201
2763 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	7.5	327.8	343.1	3201
2764 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	8.4	218.5	218.5	2728
2764 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	8.4	218.5	218.5	2728
2764 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	8.4	218.5	218.5	2723
2764 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	8.4	218.5	218.5	2723
2764 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	8.4	218.5	218.5	2753
2764 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	8.4	218.5	218.5	2753
2767 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	12.7	218.5	225.5	1891
2769 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	4.7	327.8	330.4	2661
2769 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	4.7	327.8	330.4	2661
2769 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	5.2	327.8	330.3	2856
2769 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	5.2	327.8	330.3	2856
2769 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	11.0	218.5	221.8	1891
2769 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	11.0	218.5	221.8	1891
2771 >E	Station 80 345kV Voltage	Marcy South S.	13.0	327.8	339.4	3203
2774 >E	Leeds 345kV Voltage	Pre-Fault	10.7	NA	345	2774
2774 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	7.0	327.8	341.8	2966
2774 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	7.0	327.8	341.8	2966
2780 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	5.3	327.8	328.3	2809
2780 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	5.3	327.8	328.3	2809
2780 >E	Ramapo 500kV Voltage	Ph2 DC 1500	34.5	500	506.8	2966
2780 >E	Ladentown 345kV Voltage	Pre-Fault	18.8	NA	346	2780
2783 >E	Fraser 345kV Voltage	Marcy South S.	6.7	327.8	327.8	3205
2783 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	7.7	327.8	335.1	2966
2783 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	5.3	327.8	327.6	2773
2783 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	5.3	327.8	327.6	2773
2786 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	5.4	327.8	327.1	2750
2786 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	5.4	327.8	327.1	2750
2790 >E	Pannell Road 345kV Voltage	SBK Edic R945	17.0	327.8	335.6	2045
2791 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	17.0	327.8	335.6	2045
2792 >E	Fraser 345kV Voltage	Ph2 DC 1500	7.2	327.8	328.6	2967
2797 >E	Roseton 345kV Voltage	Pre-Fault	16.5	NA	345	2797
2800 >E	Oakdale 345kV Voltage	SBK Edic R945	9.4	320	332.8	2052
2801 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	9.4	320	332.7	2052
2804 >E	Gilboa 345kV Voltage	Ravenswood 3	6.0	327.8	329.3	2888

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2806 >E	Gilboa 345kV Voltage	Volney-Marcy	5.8	327.8	329.0	2682
2807 >E	Watercure 230kV Voltage	SBK Marcy R3108	9.5	207	225.7	2560
2808 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	328.7	2766
2813 >E	Gilboa 345kV Voltage	SBK Edic R70	6.1	327.8	327.8	2842
2814 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	327.8	2803
2815 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	327.6	2778
2821 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	5.8	327.8	320.5	2614
2821 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	5.8	327.8	320.5	2614
2827 >E	Gilboa 345kV Voltage	SBK Princetown 345	6.3	327.8	325.5	2619
2829 >E	Bowline 1 345kV Voltage	Pre-Fault	18.7	NA	345	2829
2832 >E	Ramapo 500kV Voltage	Volney-Marcy	20.9	500	500.9	2697
2837 >E	Bowline 2 345kV Voltage	Pre-Fault	18.7	NA	345	2837
2847 >E	Ramapo 500kV Voltage	SBK Edic R70	22.6	500	500.2	2876
2851 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	23.0	500	500.1	2807
2851 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	22.9	500	500.0	2814
2852 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	22.9	500	500.0	2841
2852 >E	Ramapo 500kV Voltage	Pre-Fault	22.9	NA	500	2852
2857 >E	Dunwoodie 345kV Voltage	Ravenswood 3	19.5	327.8	335.7	2936
2857 >E	Gilboa 345kV Voltage	Marcy South S.	10.3	327.8	339.1	3221
2858 >E	Station 80 345kV Voltage	SBK Edic R945	20.3	327.8	335.6	2092
2859 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	20.4	327.8	335.5	2092
2859 >E	Sprain Brook 345kV Voltage	Ravenswood 3	19.5	327.8	335.7	2938
2861 >E	Ramapo 500kV Voltage	SBK Princetown 345	23.9	500	499.6	2650
2865 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	31.7	500	505.5	1901
2870 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	9.2	327.8	342.4	1901
2871 >E	Rock Tavern 345kV Voltage	Ravenswood 3	10.6	327.8	332.1	2949
2877 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	8.9	327.8	337.7	1902
2891 >E	Somerset 345kV Voltage	Ph2 DC 1500	13.3	327.8	346.8	2977
2893 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	25.8	218.5	224.2	2582
2893 >E	Millwood 345kV Voltage	Ravenswood 3	17.5	327.8	335.4	2969
2894 >E	Buchanan North 345kV Voltage	Ravenswood 3	17.7	327.8	334.8	2970
2901 >E	Gilboa 345kV Voltage	Ph2 DC 1500	10.7	327.8	336.7	2978
2904 >E	Fraser 345kV Voltage	SBK Marcy R3108	12.2	327.8	327.8	2585
2904 >E	Fraser 345kV Voltage	SBK Edic R945	12.9	327.8	338.8	2124
2904 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	10.4	327.8	337.1	1904
2904 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	10.4	327.8	337.1	1904
2905 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	12.9	327.8	338.7	2124
2909 >E	Rock Tavern 345kV Voltage	Volney-Marcy	10.6	327.8	328.7	2741
2912 >E	Rock Tavern 345kV Voltage	SBK Edic R70	11.0	327.8	328.4	2940

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2919 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	11.1	327.8	327.8	2908
2919 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	11.1	327.8	327.8	2881
2920 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	11.2	327.8	327.7	2874
2923 >E	Niagara 230kV East Voltage	Marcy South S.	21.4	218.5	222.8	3234
2923 >E	Niagara 230kV West Voltage	Marcy South S.	21.4	218.5	222.8	3234
2924 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	12.4	327.8	339.5	2591
2924 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	12.4	327.8	339.5	2591
2925 >E	Buchanan South 345kV Voltage	Ravenswood 3	17.3	327.8	335.2	2998
2926 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	11.3	327.8	327.2	2709
2932 >E	Leeds 345kV Voltage	Ravenswood 3	10.5	327.8	330.3	3004
2934 >E	Leeds 345kV Voltage	Volney-Marcy	9.8	327.8	330.1	2755
2937 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	14.4	327.8	332.4	3009
2945 >E	Coopers Corners 345kV Voltage	SBK Edic R945	19.0	327.8	340.2	2152
2946 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	19.1	327.8	340.1	2152
2949 >E	Gilboa 345kV Voltage	Marcy South N.	15.8	327.8	346.0	3331
2953 >E	Niagara 230kV East Voltage	Ph2 DC 1500	25.5	218.5	226.1	2983
2953 >E	Niagara 230kV West Voltage	Ph2 DC 1500	25.5	218.5	226.1	2983
2955 >E	Leeds 345kV Voltage	SBK Edic R70	10.7	327.8	328.1	2983
2960 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	10.8	327.8	327.7	2949
2964 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	10.9	327.8	327.3	2925
2974 >E	Niagara 345kV Voltage	Marcy South N.	16.6	327.8	354.3	3331
2981 >E	Niagara 230kV East Voltage	Marcy South N.	33.0	218.5	232.3	3331
2981 >E	Niagara 230kV West Voltage	Marcy South N.	33.0	218.5	232.3	3331
2983 >E	Ramapo 345kV Voltage	Ravenswood 3	17.2	327.8	333.8	3051
2989 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	14.3	327.8	329.0	2786
2990 >E	Leeds 345kV Voltage	Marcy South N.	17.7	327.8	350.4	3332
2992 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	15.7	327.8	339.9	1913
2996 >E	Ladentown 345kV Voltage	Ravenswood 3	17.1	327.8	334.5	3062
3002 >E	Station 80 345kV Voltage	Volney-Marcy	43.6	327.8	366.1	2793
3002 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	15.1	327.8	328.1	3029
3005 >E	Leeds 345kV Voltage	Marcy South S.	15.5	327.8	341.2	3251
3006 >E	Leeds 345kV Voltage	SBK Princetown 345	11.6	327.8	323.4	2781
3008 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	15.2	327.8	327.7	2996
3010 >E	Roseton 345kV Voltage	Ravenswood 3	15.6	327.8	332.1	3076
3011 >E	Pannell Road 345kV Voltage	SBK Edic R70	38.5	327.8	330.0	3037
3011 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	12.4	327.8	322.9	2961
3011 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	15.4	327.8	327.5	2961
3012 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	15.3	327.8	327.4	2972

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3015 >E	Buchanan North 345kV Voltage	Volney-Marcy	18.7	327.8	328.6	2801
3015 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	17.3	327.8	326.2	2615
3018 >E	Niagara 230kV East Voltage	SBK Marcy R3108	30.8	218.5	230.4	2616
3018 >E	Niagara 230kV West Voltage	SBK Marcy R3108	30.8	218.5	230.4	2616
3022 >E	Niagara 345kV Voltage	SBK Marcy R3108	15.0	327.8	351.8	2617
3022 >E	Bowline 1 345kV Voltage	Ravenswood 3	17.0	327.8	334.7	3086
3025 >E	Buchanan North 345kV Voltage	SBK Edic R70	19.6	327.8	328.1	3052
3026 >E	Dunwoodie 345kV Voltage	Volney-Marcy	21.7	327.8	328.3	2807
3027 >E	Sprain Brook 345kV Voltage	Volney-Marcy	21.7	327.8	328.3	2808
3028 >E	Millwood 345kV Voltage	Volney-Marcy	18.8	327.8	328.5	2808
3030 >E	Bowline 2 345kV Voltage	Ravenswood 3	17.0	327.8	334.7	3093
3031 >E	Dunwoodie 345kV Voltage	SBK Edic R70	22.5	327.8	328.0	3058
3032 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	19.8	327.8	327.8	3021
3032 >E	Fraser 345kV Voltage	Marcy South N.	18.4	327.8	327.8	3333
3033 >E	Sprain Brook 345kV Voltage	SBK Edic R70	22.5	327.8	328.0	3060
3034 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	19.8	327.8	327.7	2993
3035 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	20.0	327.8	327.6	2984
3037 >E	Millwood 345kV Voltage	SBK Edic R70	19.6	327.8	328.1	3063
3038 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	22.7	327.8	327.7	3027
3040 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	22.6	327.8	327.7	3028
3041 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	22.8	327.8	327.6	3001
3043 >E	Leeds 345kV Voltage	Ph2 DC 1500	15.1	327.8	339.9	2991
3043 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	22.8	327.8	327.6	3002
3043 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	19.8	327.8	327.7	3032
3043 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	23.0	327.8	327.5	2991
3045 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	18.4	207	237.7	1919
3045 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	22.9	327.8	327.5	2993
3046 >E	Pannell Road 345kV Voltage	SBK Princetown 345	42.0	327.8	329.3	2817
3047 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	19.9	327.8	327.6	3006
3048 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	20.0	327.8	327.5	2996
3051 >E	Buchanan South 345kV Voltage	Volney-Marcy	18.4	327.8	328.7	2821
3056 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	16.4	327.8	324.6	2826
3059 >E	Pannell Road 345kV Voltage	Ravenswood 3	43.4	327.8	329.0	3120
3061 >E	Roseton 345kV Voltage	Volney-Marcy	15.6	327.8	329.0	2827
3062 >E	Buchanan South 345kV Voltage	SBK Edic R70	19.2	327.8	328.1	3088
3065 >E	Buchanan North 345kV Voltage	SBK Princetown 345	21.0	327.8	326.1	2834
3066 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	24.5	327.8	331.6	1921

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3069 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	19.4	327.8	327.7	3058
3072 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	19.5	327.8	327.6	3031
3073 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	25.0	327.8	331.5	1921
3074 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	19.6	327.8	327.5	3020
3074 >E	Ramapo 345kV Voltage	Volney-Marcy	17.7	327.8	328.9	2834
3075 >E	Roseton 345kV Voltage	SBK Edic R70	16.4	327.8	328.2	3100
3082 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	16.5	327.8	327.7	3070
3082 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	24.3	327.8	325.8	2849
3084 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	24.3	327.8	325.8	2851
3084 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	16.6	327.8	327.6	3043
3085 >E	Watercure 230kV Voltage	Ph2 DC 1500	19.7	207	231.0	2995
3088 >E	Ramapo 345kV Voltage	SBK Edic R70	18.5	327.8	328.2	3113
3088 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	18.9	327.8	336.2	2996
3089 >E	Millwood 345kV Voltage	SBK Princetown 345	21.3	327.8	325.4	2856
3093 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	16.9	327.8	327.0	3039
3096 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	18.7	327.8	327.8	3084
3097 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	18.7	327.8	327.7	3055
3099 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	18.8	327.8	327.6	3044
3099 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	24.5	327.8	335.2	1924
3100 >E	Ladentown 345kV Voltage	Volney-Marcy	17.8	327.8	329.0	2849
3111 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	46.9	327.8	327.9	3069
3111 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	46.9	327.8	327.9	3057
3114 >E	Ladentown 345kV Voltage	SBK Edic R70	18.6	327.8	328.2	3139
3115 >E	Buchanan South 345kV Voltage	SBK Princetown 345	20.9	327.8	325.4	2879
3116 >E	Roseton 345kV Voltage	SBK Princetown 345	17.3	327.8	325.7	2880
3117 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	47.2	327.8	327.8	3105
3122 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	18.8	327.8	327.8	3110
3124 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	18.8	327.8	327.7	3082
3126 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	19.0	327.8	327.6	3070
3127 >E	Bowline 1 345kV Voltage	Volney-Marcy	17.8	327.8	329.0	2864
3128 >E	Ramapo 345kV Voltage	SBK Princetown 345	19.8	327.8	326.1	2891
3130 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	19.8	207	219.6	1927
3133 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	24.5	327.8	333.3	1927
3135 >E	Gilboa 345kV Voltage	SBK Marcy R3108	18.8	327.8	334.2	2647
3135 >E	Bowline 2 345kV Voltage	Volney-Marcy	17.7	327.8	329.1	2869
3138 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	21.8	327.8	336.8	3001

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3143 >E	Bowline 1 345kV Voltage	SBK Edic R70	18.6	327.8	328.2	3168
3148 >E	Pleasant Valley 345kV Voltage	Marcy South S.	25.4	327.8	334.5	3280
3152 >E	Bowline 2 345kV Voltage	SBK Edic R70	18.6	327.8	328.2	3176
3152 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	18.8	327.8	327.8	3140
3153 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	18.8	327.8	327.7	3111
3156 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	18.9	327.8	327.5	3099
3160 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	18.7	327.8	327.8	3148
3162 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	18.8	327.8	327.7	3119
3164 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	18.9	327.8	327.5	3107
3168 >E	Ladentown 345kV Voltage	SBK Princeton 345	20.3	327.8	325.3	2928
3173 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	24.8	327.8	335.0	1931
3177 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	29.5	327.8	336.3	3004
3186 >E	Gardenville 230kV Voltage	Marcy South N.	26.8	207	231.7	3336
3195 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	19.0	327.8	338.2	1934
3200 >E	Bowline 1 345kV Voltage	SBK Princeton 345	20.3	327.8	325.2	2957
3206 >E	Millwood 345kV Voltage	Ph2 DC 1500	28.8	327.8	335.5	3007
3211 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	24.9	327.8	338.7	1935
3217 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	33.5	327.8	334.0	3008
3219 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	33.8	327.8	333.9	3008
3224 >E	Bowline 2 345kV Voltage	SBK Princeton 345	20.8	327.8	324.3	2978
3226 >E	Niagara 345kV Voltage	Ph2 DC 1500	21.8	327.8	351.2	3009
3232 >E	Pleasant Valley 345kV Voltage	Marcy South N.	31.5	327.8	343.2	3338
3233 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	24.2	327.8	333.9	1937
3237 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	28.4	327.8	336.9	3010
3247 >E	Ramapo 500kV Voltage	Marcy South S.	72.8	500	495.7	3301
3260 >E	Ramapo 500kV Voltage	Marcy South N.	84.8	500	505.8	3338
3263 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	25.5	327.8	338.8	1940
3278 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	24.5	327.8	337.2	1942
3286 >E	Gardenville 230kV Voltage	SBK Marcy R3108	26.8	207	228.3	2687
3286 >E	Ramapo 345kV Voltage	Ph2 DC 1500	28.5	327.8	338.4	3015
3294 >E	Roseton 345kV Voltage	Ph2 DC 1500	25.5	327.8	337.2	3016
3302 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	25.4	327.8	339.8	1944
3304 >E	Watercure 230kV Voltage	SBK Edic R945	29.9	207	219.0	2401
3307 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	30.0	207	218.9	2402
3317 >E	Ladentown 345kV Voltage	Ph2 DC 1500	28.2	327.8	339.5	3018
3317 >E	Watercure 230kV Voltage	Marcy South S.	26.8	207	224.8	3315
3350 >E	Ramapo 500kV Voltage	SBK Marcy R3108	82.0	500	502.9	2705
3354 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	26.9	327.8	340.3	1950
3360 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	28.1	327.8	340.2	3022

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3365 >E	Ramapo 500kV Voltage	SBK Edic R945	94.4	500	504.6	2443
3368 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	94.7	500	504.6	2443
3373 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	28.1	327.8	341.7	3023
3408 >E	Leeds 345kV Voltage	SBK Marcy R3108	27.3	327.8	337.4	2720
3411 >E	Gilboa 345kV Voltage	SBK Edic R945	28.9	327.8	338.7	2474
3414 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	29.0	327.8	338.7	2475
3476 >E	Somerset 345kV Voltage	SBK Edic R945	38.7	327.8	339.3	2519
3480 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	38.8	327.8	339.3	2521
3492 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	31.7	327.8	333.7	2530
3492 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	31.7	327.8	333.7	2530
3494 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	31.8	327.8	333.6	2531
3494 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	31.8	327.8	333.6	2531
3494 >E	Gordon Rd 345kV Voltage	SBK Edic R945	32.7	327.8	319.9	2532
3497 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	32.8	327.8	319.8	2533
3510 >E	Coopers Corners 345kV Voltage	Marcy South N.	34.4	327.8	307.3	3345
3587 >E	Millwood 345kV Voltage	Marcy South S.	48.2	327.8	322.8	3370
3590 >E	Gardenville 230kV Voltage	Marcy South S.	37.1	207	222.0	3371
3594 >E	Dunwoodie 345kV Voltage	Marcy South S.	56.1	327.8	323.4	3372
3601 >E	Roseton 345kV Voltage	Marcy South S.	37.0	327.8	323.8	3373
3605 >E	Sprain Brook 345kV Voltage	Marcy South S.	56.2	327.8	323.1	3374
3647 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	42.8	327.8	332.4	2784
3657 >E	Rainey 345kV Voltage	Ravenswood 3	48.8	327.8	341.0	3663
3711 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	42.9	327.8	327.6	2801
3717 >E	Farragut 345kV Voltage	Ravenswood 3	51.5	327.8	340.2	3718
3768 >E	Roseton 345kV Voltage	Marcy South N.	46.5	327.8	339.8	3351
3775 >E	Gardenville 230kV Voltage	Ph2 DC 1500	44.4	207	232.7	3062
3806 >E	Millwood 345kV Voltage	Marcy South N.	62.2	327.8	336.9	3352
3847 >E	Buchanan South 345kV Voltage	Marcy South S.	54.6	327.8	317.1	3424
3875 >E	Dunwoodie 345kV Voltage	Marcy South N.	74.9	327.8	335.2	3354
3879 >E	Rainey 345kV Voltage	Pre-Fault	74.5	NA	338	3879
3885 >E	Sprain Brook 345kV Voltage	Marcy South N.	75.0	327.8	335.3	3354
3887 >E	Farragut 345kV Voltage	Pre-Fault	77.5	NA	338	3887
3981 >E	Rock Tavern 345kV Voltage	Marcy South S.	43.9	327.8	285.9	3451
3983 >E	Rock Tavern 345kV Voltage	SBK Edic R945	57.2	327.8	338.2	2870
3987 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	57.4	327.8	338.2	2871
4024 >E	Buchanan North 345kV Voltage	Marcy South S.	65.4	327.8	310.7	3460
4041 >E	Roseton 345kV Voltage	SBK Marcy R3108	53.1	327.8	331.0	2889
4060 >E	Coopers Corners 345kV Voltage	Marcy South S.	35.2	327.8	189.5	3468
4069 >E	St.Lawrence 230kV Voltage	SBK Edic R945	124.5	218.5	230.7	2929
4071 >E	Buchanan South 345kV Voltage	Marcy South N.	68.4	327.8	336.6	3358
4074 >E	Millwood 345kV Voltage	SBK Marcy R3108	70.6	327.8	329.6	2898

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4083 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	125.6	218.5	230.7	2937
4095 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	82.9	327.8	328.9	2904
4100 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	82.7	327.8	328.9	2905
4149 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	76.5	327.8	329.4	2918
4155 >E	Rock Tavern 345kV Voltage	Marcy South N.	58.4	327.8	324.9	3361
4168 >E	Buchanan North 345kV Voltage	Marcy South N.	78.8	327.8	333.7	3361
4186 >E	Goethals 345kV Voltage	Ravenswood 3	70.2	327.8	339.0	4143
4269 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	74.0	327.8	329.7	2950
4294 >E	Goethals 345kV Voltage	Pre-Fault	105.4	NA	338	4294
4490 >E	Leeds 345kV Voltage	SBK Edic R945	61.9	327.8	335.0	3221
4496 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	62.0	327.8	335.0	3222
4512 >E	Ramapo 345kV Voltage	SBK Marcy R3108	77.3	327.8	329.1	3015
4562 >E	Rainey 345kV Voltage	Volney-Marcy	71.4	327.8	328.8	3677
4598 >E	Farragut 345kV Voltage	Volney-Marcy	74.3	327.8	328.8	3697
4623 >E	Rainey 345kV Voltage	SBK Edic R70	74.1	327.8	328.0	4628
4645 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	74.7	327.8	327.7	4626
4657 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	75.1	327.8	327.6	4587
4662 >E	Farragut 345kV Voltage	SBK Edic R70	77.0	327.8	328.0	4666
4673 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	75.8	327.8	327.3	4551
4683 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	77.7	327.8	327.7	4665
4696 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	78.2	327.8	327.6	4626
4702 >E	Ramapo 345kV Voltage	Marcy South S.	77.9	327.8	294.0	3599
4705 >E	Ladentown 345kV Voltage	Marcy South S.	76.5	327.8	295.9	3600
4712 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	78.8	327.8	327.4	4589
4736 >E	Buchanan North 345kV Voltage	SBK Edic R945	108.0	327.8	335.7	3391
4742 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	108.3	327.8	335.7	3392
4752 >E	Ramapo 345kV Voltage	Marcy South N.	87.0	327.8	331.8	3375
4783 >E	Ladentown 345kV Voltage	SBK Marcy R3108	84.1	327.8	329.6	3087
4803 >E	Niagara 230kV East Voltage	SBK Edic R945	154.9	218.5	226.5	3437
4803 >E	Niagara 230kV West Voltage	SBK Edic R945	154.9	218.5	226.5	3437
4813 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	155.6	218.5	226.5	3441
4813 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	155.6	218.5	226.5	3441
4817 >E	Rainey 345kV Voltage	SBK Princetown 345	80.6	327.8	325.4	4419
4859 >E	Farragut 345kV Voltage	SBK Princetown 345	83.8	327.8	325.5	4457
4871 >E	Ladentown 345kV Voltage	Marcy South N.	88.4	327.8	334.2	3378
4873 >E	Niagara 345kV Voltage	SBK Edic R945	76.8	327.8	343.0	3485
4884 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	77.1	327.8	342.9	3490
4918 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	85.1	327.8	334.4	2107
4965 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	88.6	327.8	334.3	2111

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4979 >E	Ramapo 345kV Voltage	SBK Edic R945	99.1	327.8	338.3	3559
4986 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	99.4	327.8	338.3	3560
5079 >E	Bowline 1 345kV Voltage	Marcy South S.	85.6	327.8	287.1	3677
5093 >E	Bowline 2 345kV Voltage	Marcy South S.	84.8	327.8	287.6	3680
5107 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	98.6	327.8	333.1	3647
5113 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	98.8	327.8	333.1	3649
5163 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	93.0	327.8	329.7	3189
5189 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	92.6	327.8	329.7	3196
5213 >E	Roseton 345kV Voltage	SBK Edic R945	96.5	327.8	336.2	3720
5220 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	96.8	327.8	336.1	3722
5226 >E	Millwood 345kV Voltage	SBK Edic R945	124.5	327.8	334.5	3729
5232 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	124.8	327.8	334.5	3730
5240 >E	Buchanan South 345kV Voltage	SBK Edic R945	117.3	327.8	336.1	3739
5247 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	117.6	327.8	336.0	3741
5264 >E	Goethals 345kV Voltage	Volney-Marcy	101.1	327.8	328.8	4074
5277 >E	Bowline 1 345kV Voltage	Marcy South N.	98.0	327.8	334.4	3388
5302 >E	Bowline 2 345kV Voltage	Marcy South N.	97.5	327.8	334.6	3389
5305 >E	Sprain Brook 345kV Voltage	SBK Edic R945	147.2	327.8	333.4	3784
5310 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	147.5	327.8	333.3	3785
5321 >E	Dunwoodie 345kV Voltage	SBK Edic R945	148.9	327.8	333.3	3795
5329 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	149.3	327.8	333.2	3797
5348 >E	Goethals 345kV Voltage	SBK Edic R70	104.7	327.8	328.0	5343
5354 >E	Ladentown 345kV Voltage	SBK Edic R945	108.1	327.8	339.3	3818
5359 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	108.3	327.8	339.2	3818
5377 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	105.7	327.8	327.7	5355
5392 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	106.2	327.8	327.6	5310
5414 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	107.1	327.8	327.4	5261
5472 >E	Rainey 345kV Voltage	Ph2 DC 1500	106.3	327.8	337.6	3225
5507 >E	Farragut 345kV Voltage	Ph2 DC 1500	109.8	327.8	337.4	3228
5516 >E	Bowline 1 345kV Voltage	SBK Edic R945	107.7	327.8	341.5	3930
5524 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	108.0	327.8	341.4	3932
5549 >E	Gardenville 230kV Voltage	SBK Edic R945	113.1	207	220.4	3952
5562 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	113.7	207	220.3	3958
5610 >E	Goethals 345kV Voltage	SBK Princetown 345	114.1	327.8	325.5	5136
5740 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	119.8	327.8	334.2	2189
5855 >E	Bowline 2 345kV Voltage	SBK Edic R945	118.3	327.8	340.2	4164
5861 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	118.5	327.8	340.2	4164
6420 >E	Goethals 345kV Voltage	Ph2 DC 1500	146.7	327.8	337.4	3316
7358 >E	Northport 138kV Voltage	Pre-Fault	532.6	NA	135	7358
7439 >E	Rainey 345kV Voltage	Marcy South S.	179.8	327.8	320.3	4162

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7509 >E	Farragut 345kV Voltage	Marcy South S.	186.1	327.8	320.4	4176
8368 >E	Northport 138kV Voltage	Ravenswood 3	459.1	131.1	133.1	7943
9171 >E	Goethals 345kV Voltage	Marcy South S.	253.0	327.8	320.3	4518
9212 >E	Rainey 345kV Voltage	Marcy South N.	248.1	327.8	338.7	3486
9240 >E	Northport 138kV Voltage	Volney-Marcy	516.9	131.1	131.5	6326
9326 >E	Farragut 345kV Voltage	Marcy South N.	257.5	327.8	338.5	3489
9403 >E	Northport 138kV Voltage	SBK Edic R70	530.3	131.1	131.2	9344
9459 >E	Northport 138kV Voltage	Princetown-N.Scot 345	534.4	131.1	131.1	9420
9484 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	536.3	131.1	131.0	9328
9537 >E	Northport 138kV Voltage	N.Scot-Leeds 345	540.5	131.1	130.9	9208
9884 >E	Rainey 345kV Voltage	SBK Marcy R3108	270.0	327.8	329.4	4449
9907 >E	Northport 138kV Voltage	SBK Princetown 345	568.5	131.1	130.2	9022
9998 >E	Farragut 345kV Voltage	SBK Marcy R3108	279.8	327.8	329.3	4480
11754 >E	Goethals 345kV Voltage	Marcy South N.	355.0	327.8	338.1	3550
12616 >E	Goethals 345kV Voltage	SBK Marcy R3108	385.1	327.8	328.9	5179
13235 >E	Northport 138kV Voltage	Ph2 DC 1500	832.2	131.1	134.7	3971
15008 >E	Rainey 345kV Voltage	SBK Edic R945	458.6	327.8	336.5	10493
15050 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	460.1	327.8	336.5	10508
15184 >E	Farragut 345kV Voltage	SBK Edic R945	474.6	327.8	336.4	10615
15184 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	474.6	327.8	336.4	10600
19377 >E	Northport 138kV Voltage	Marcy South S.	1315.1	131.1	127.9	6614
19533 >E	Goethals 345kV Voltage	SBK Edic R945	649.5	327.8	336.6	13623
19574 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	651.0	327.8	336.5	13631
24647 >E	Northport 138kV Voltage	Marcy South N.	1744.2	131.1	135.3	3871
28110 >E	Northport 138kV Voltage	SBK Marcy R3108	2003.2	131.1	131.4	9316
58421 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	4378.8	131.1	136.0	40448
58421	Northport 138kV Voltage	SBK Edic R945	4378.8	131.1	136.0	40514

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
>E						
99998	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
>E						
99998	Station 80 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Station 80 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

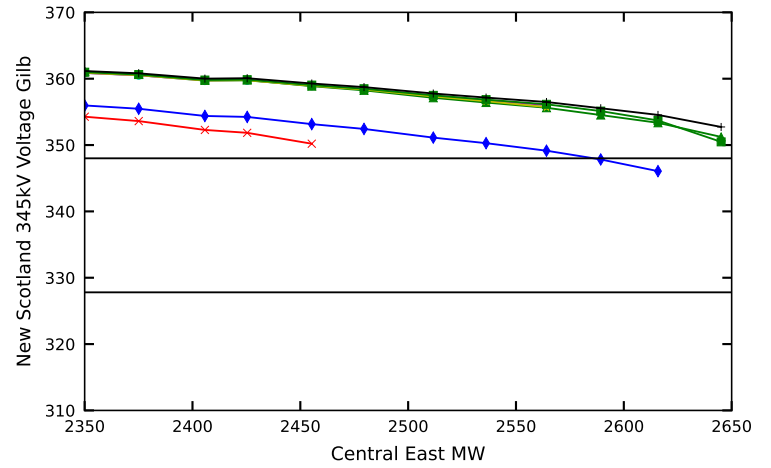
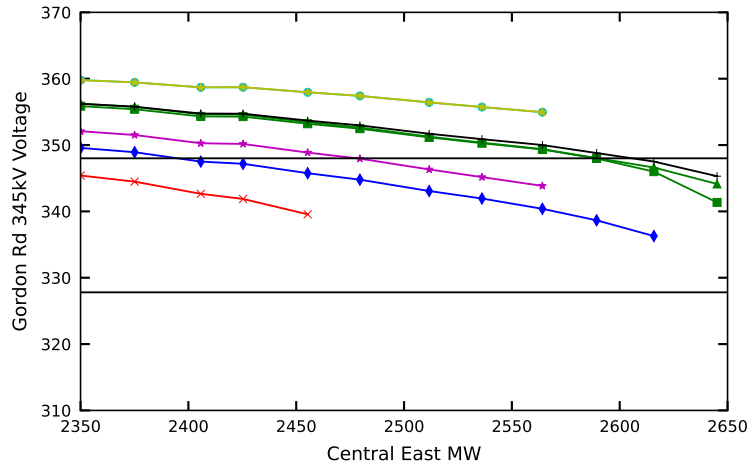
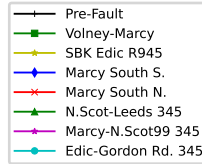
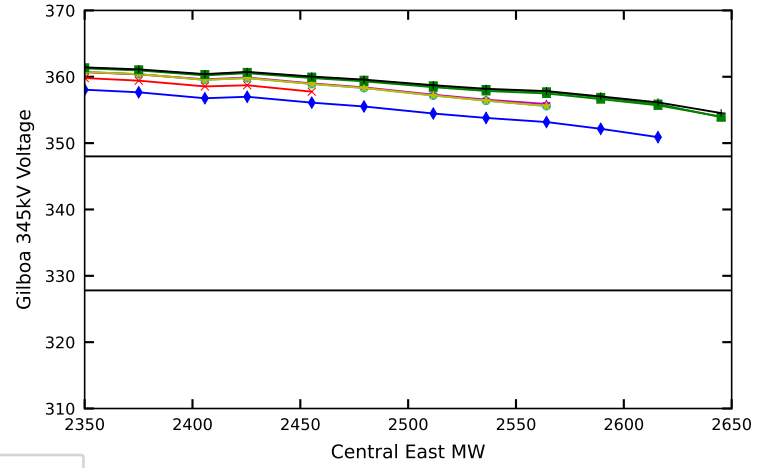
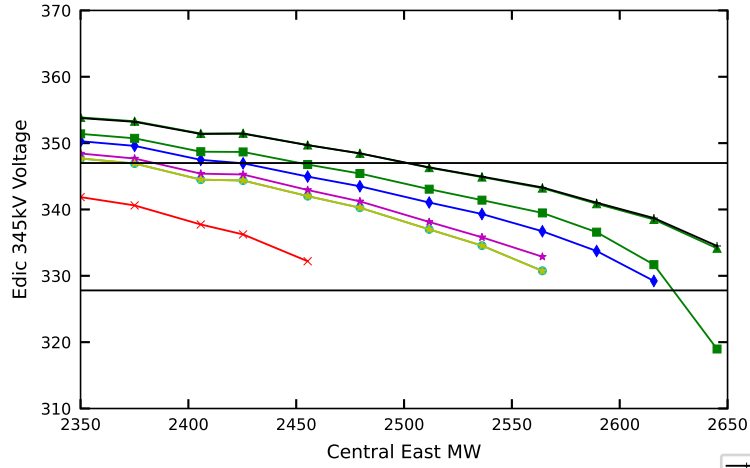
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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 L_SVC_OS

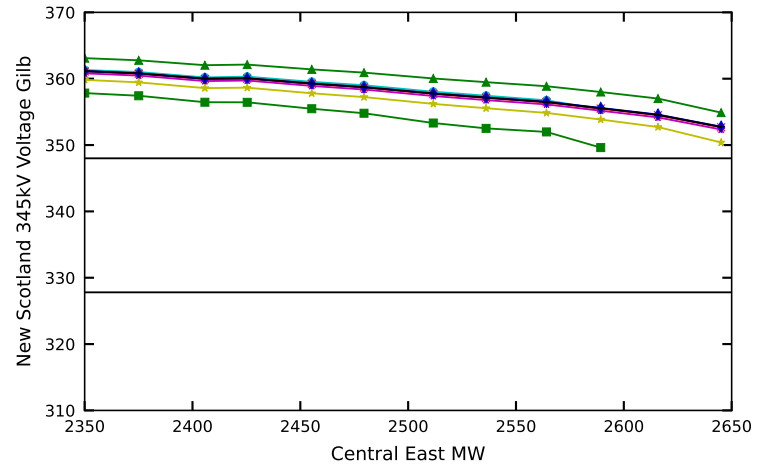
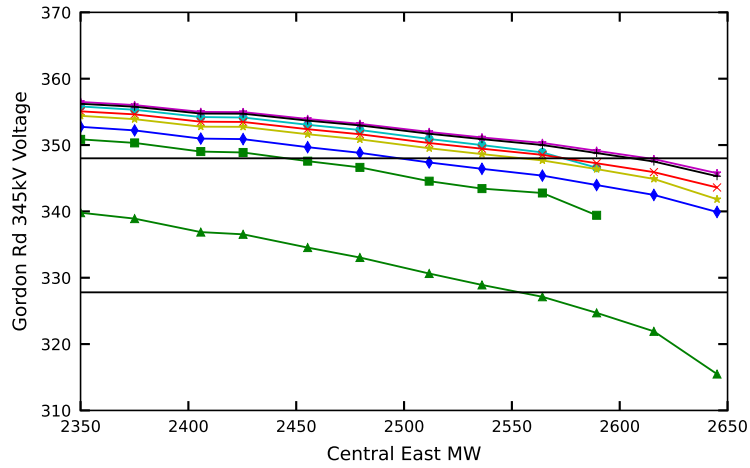
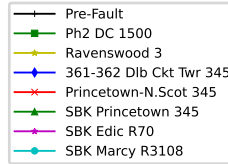
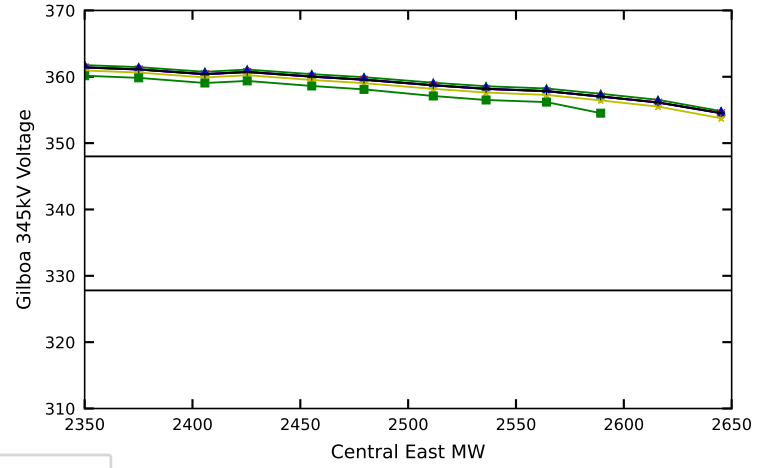
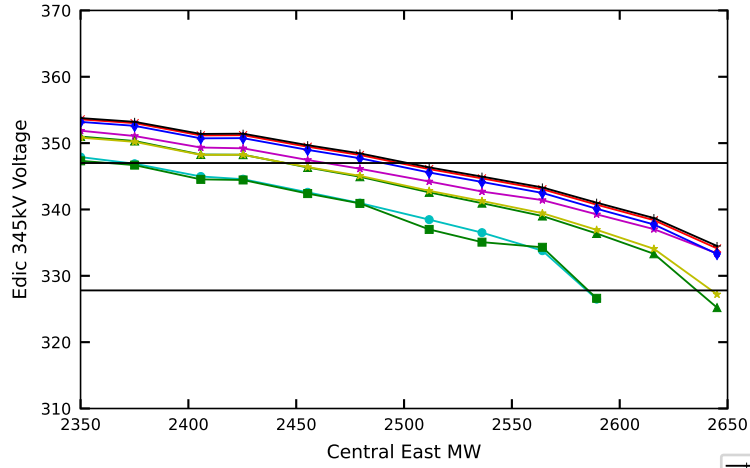
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						Post Flow

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

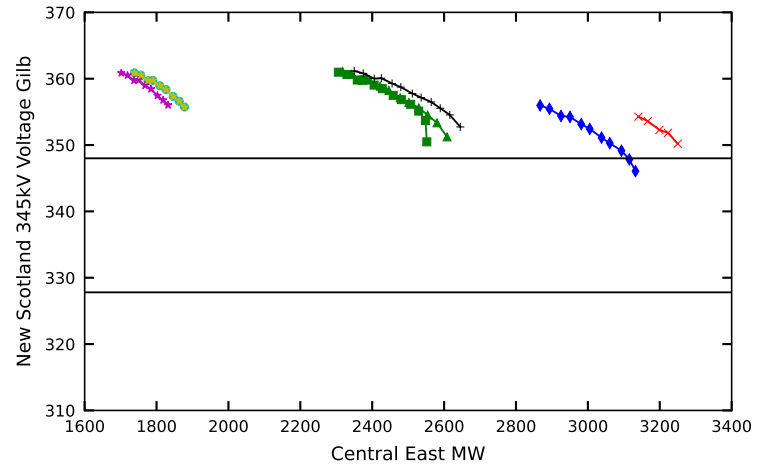
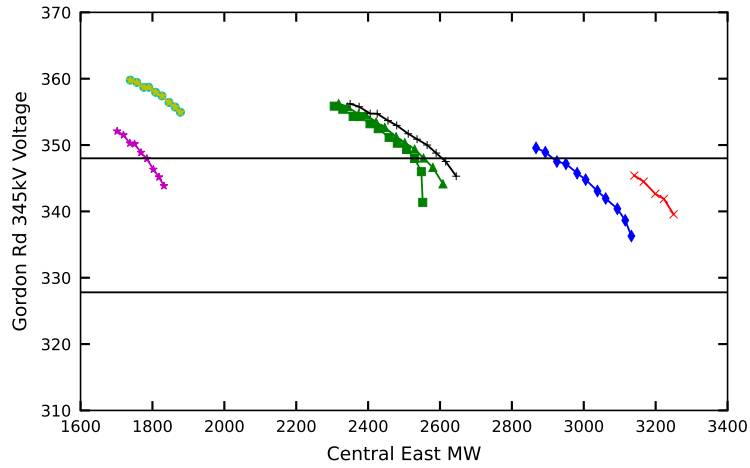
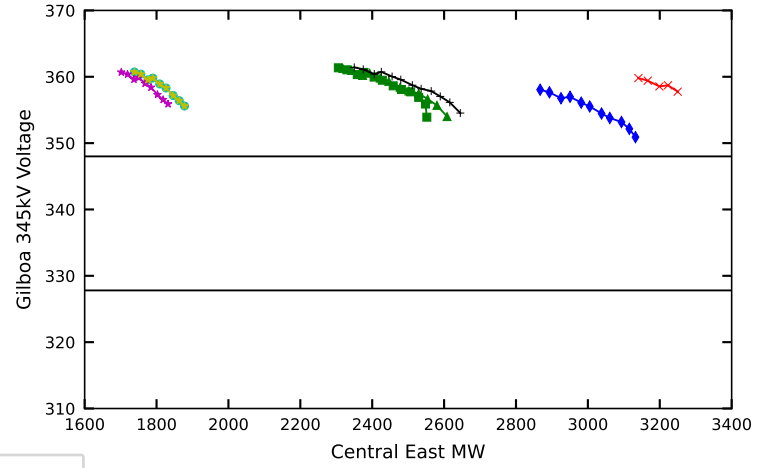
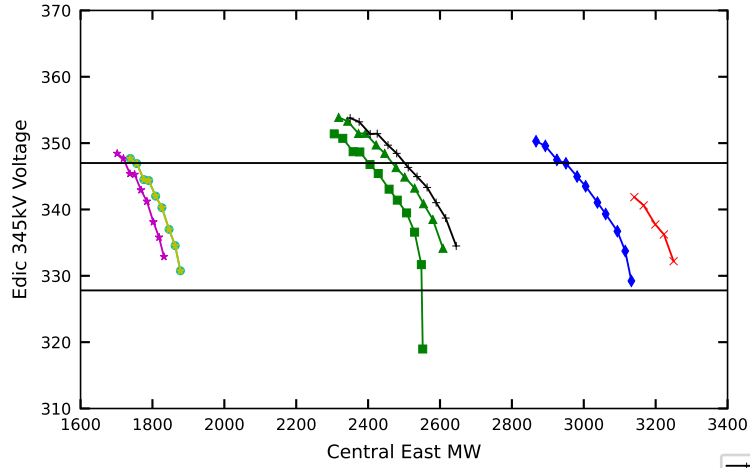
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_05 Figure 1



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_05 Figure 2



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_05 Figure 1



- +— Pre-Fault
- Volney-Marcy
- ▲— SBK Edic R945
- ◆— Marcy South S.
- ×— Marcy South N.
- ▲— N.Scot-Leeds 345
- ×— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\M_STAT_OS\Sum2023_CEVC_Ph2_00_M_STAT_OS.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Interface: Central East

Transfe	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
MW		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
2350	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2375	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2405	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2425	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2455	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2479	t6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2511	t7	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2536	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2564	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2589	t1	0	2	2	0	2	0	2	0	0	0	0	0	0	0	0
	0															
2615	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	1															
2645	t1	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2
	2															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\M_STAT_OS\Sum2023_CEVC_PH2_00_M_STAT_OS.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	2	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	1	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	2
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2225 <E	Dunwoodie 345kV Voltage	Pre-Fault	112.7	NA	348	2225
2236 <E	Sprain Brook 345kV Voltage	Pre-Fault	112.8	NA	348	2236
2332	limit with 5% margin	Marcy South N.	NA	NA	NA	3087
2435	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1783
2435	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1740
2435	limit with 5% margin	SBK Edic R945	NA	NA	NA	1783
2459	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2382
2459	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2759
2483 >E	Clay 345kV Voltage	Marcy South N.	8.1	327.8	345.7	3275
2485	limit with 5% margin	Marcy South S.	NA	NA	NA	2975
2487 >E	Edic 345kV Voltage	Marcy South N.	7.4	327.8	347.8	3279
2488	Marcy 345kV Voltage	Pre-Fault	15.1	NA	348	2488
2489 >E	Marcy 345kV Voltage	Marcy South N.	7.4	327.8	347.9	3280
2491	Pannell Road 345kV Voltage	Pre-Fault	31.7	NA	346	2491
2495	Clay 345kV Voltage	Pre-Fault	18.5	NA	345	2495
2495	Station 80 345kV Voltage	Pre-Fault	34.1	NA	346	2495
2501	Edic 345kV Voltage	Pre-Fault	15.2	NA	347	2501
2512	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2477
2512	limit with 5% margin	Volney-Marcy	NA	NA	NA	2424
2512	limit with 5% margin	SBK Edic R70	NA	NA	NA	2541
2512	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2307
2512	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2502
2512	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2477
2512	limit with 5% margin	Ravenswood 3	NA	NA	NA	2591
2553	Gordon Rd 345kV Voltage	SBK Princetown 345	15.7	327.8	350.3	2359
2577	Clay 345kV Voltage	SBK Marcy R3108	3.0	327.8	340.3	2501
2581 >E	Pannell Road 345kV Voltage	Marcy South N.	12.9	327.8	343.1	3363
2583 >E	Marcy 345kV Voltage	SBK Edic R945	7.3	327.8	342.3	1887
2583 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	7.4	327.8	342.3	1888
2584	Edic 345kV Voltage	SBK Marcy R3108	3.4	327.8	341.4	2505
2585	Edic 345kV Voltage	Ph2 DC 1500	3.3	327.8	341.4	2902
2585 >E	Edic 345kV Voltage	SBK Edic R945	7.3	327.8	342.1	1888
2585	Marcy 345kV Voltage	Ph2 DC 1500	3.2	327.8	341.5	2902
2585 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	7.4	327.8	342.1	1889
2586 >E	Clay 345kV Voltage	SBK Edic R945	7.3	327.8	340.1	1889
2586 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	7.3	327.8	340.1	1889
2588	Clay 345kV Voltage	Ph2 DC 1500	3.4	327.8	339.3	2904
2605	Gordon Rd 345kV Voltage	Pre-Fault	20.7	NA	348	2605
2607 >E	Gordon Rd 345kV Voltage	Marcy South N.	13.0	327.8	348.4	3387
2612 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	9.6	327.8	340.5	1855

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2612	Clay 345kV Voltage	Volney-Marcy	4.4	327.8	337.3	2545
2614 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	9.9	327.8	338.5	1856
2616 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	5.0	327.8	340.2	2520
2617 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	9.6	327.8	340.3	1858
2624 >E	Edic 345kV Voltage	Marcy South S.	5.9	327.8	338.0	3137
2624	Edic 345kV Voltage	Volney-Marcy	2.3	327.8	337.4	2549
2625 >E	Marcy 345kV Voltage	Marcy South S.	5.9	327.8	338.0	3138
2625 >E	Clay 345kV Voltage	Marcy South S.	5.6	327.8	336.3	3138
2625	Marcy 345kV Voltage	Volney-Marcy	2.3	327.8	337.4	2549
2629 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	5.8	327.8	339.5	2931
2632 >E	Station 80 345kV Voltage	Marcy South N.	15.2	327.8	342.1	3409
2632	Millwood 345kV Voltage	Pre-Fault	45.9	NA	348	2632
2633	Clay 345kV Voltage	SBK Princetown 345	3.5	327.8	334.8	2422
2635 >E	Oakdale 345kV Voltage	Marcy South N.	9.7	320	345.4	3412
2635	Edic 345kV Voltage	SBK Princetown 345	3.6	327.8	335.8	2423
2636	Marcy 345kV Voltage	SBK Princetown 345	3.6	327.8	335.9	2423
2637 >E	Station 80 345kV Voltage	SBK Marcy R3108	6.2	327.8	340.3	2531
2640	Clay 345kV Voltage	Ravenswood 3	4.2	327.8	334.0	2724
2640	Pannell Road 345kV Voltage	Volney-Marcy	3.5	327.8	338.9	2551
2642	Edic 345kV Voltage	Ravenswood 3	4.3	327.8	334.9	2725
2642	Marcy 345kV Voltage	Ravenswood 3	4.3	327.8	334.9	2725
2650 >E	Station 80 345kV Voltage	Ph2 DC 1500	7.2	327.8	339.7	2945
2656 >E	Station 80 345kV Voltage	Volney-Marcy	4.5	327.8	339.8	2553
2662 >E	Pannell Road 345kV Voltage	SBK Edic R945	10.6	327.8	338.7	1929
2663 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	10.7	327.8	338.7	1929
2676 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.5	327.8	344.6	2962
2676 >E	Oakdale 345kV Voltage	Volney-Marcy	3.1	320	336.0	2556
2679 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	7.4	327.8	329.1	2640
2679 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	10.2	218.5	228.1	2964
2680 >E	Clay 345kV Voltage	SBK Edic R70	8.1	327.8	328.9	2710
2681 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	6.6	327.8	329.3	2642
2681 >E	Marcy 345kV Voltage	SBK Edic R70	6.3	327.8	329.3	2711
2681 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	6.6	327.8	329.3	2643
2683 >E	Oakdale 345kV Voltage	Pre-Fault	6.8	NA	335	2683
2685 >E	Pannell Road 345kV Voltage	SBK Princetown 345	6.8	327.8	336.4	2451
2685 >E	Clay 345kV Voltage	N.Scot-Leeds 345	7.7	327.8	328.3	2647
2686 >E	Clay 345kV Voltage	Princetown-N.Scot 345	7.8	327.8	328.2	2675
2687 >E	Edic 345kV Voltage	N.Scot-Leeds 345	6.7	327.8	328.4	2649

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2688 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	6.7	327.8	328.4	2649
2688 >E	Edic 345kV Voltage	Princetown-N.Scot 345	6.9	327.8	328.3	2677
2689 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	6.8	327.8	328.3	2677
2689 >E	Station 80 345kV Voltage	SBK Edic R945	11.6	327.8	337.9	1943
2689 >E	Edic 345kV Voltage	SBK Edic R70	8.0	327.8	328.1	2719
2690 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	11.7	327.8	337.8	1943
2691 >E	Pannell Road 345kV Voltage	Marcy South S.	9.3	327.8	336.2	3180
2694 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.3	320	339.8	2974
2697 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.6	320	339.6	2561
2703 >E	Buchanan North 345kV Voltage	Pre-Fault	49.4	NA	346	2703
2703 >E	Pannell Road 345kV Voltage	Ravenswood 3	8.3	327.8	335.4	2768
2705 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	13.7	327.8	336.8	1901
2710 >E	St.Lawrence 230kV Voltage	Volney-Marcy	8.9	218.5	226.9	2560
2710 >E	Gordon Rd 345kV Voltage	Marcy South S.	11.2	327.8	342.9	3193
2719 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.6	320	329.6	2470
2721 >E	New Scotland 345kV Voltage Alps	Pre-Fault	16.1	NA	348	2721
2721 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	16.1	NA	348	2721
2721 >E	Station 80 345kV Voltage	SBK Princetown 345	9.2	327.8	337.6	2471
2726 >E	Station 80 345kV Voltage	Marcy South S.	11.2	327.8	336.1	3203
2730 >E	Gordon Rd 345kV Voltage	Volney-Marcy	6.3	327.8	338.8	2563
2732 >E	Oakdale 345kV Voltage	Ravenswood 3	5.1	320	327.7	2789
2733 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	14.5	327.8	335.9	1915
2736 >E	Fraser 345kV Voltage	Pre-Fault	8.9	NA	338	2736
2746 >E	Oakdale 345kV Voltage	SBK Edic R945	9.2	320	340.4	1972
2748 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	9.3	320	340.3	1973
2748 >E	Station 80 345kV Voltage	Ravenswood 3	11.5	327.8	336.6	2801
2758 >E	St.Lawrence 230kV Voltage	Pre-Fault	25.4	NA	225	2758
2763 >E	Gilboa 345kV Voltage	Pre-Fault	18.2	NA	348	2763
2772 >E	Marcy 345kV Voltage	SBK Marcy R3108	8.8	327.8	324.4	2599
2777 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	6.6	320	321.1	2734
2777 >E	Coopers Corners 345kV Voltage	Pre-Fault	13.3	NA	338	2777
2779 >E	Gordon Rd 345kV Voltage	Ravenswood 3	9.6	327.8	335.2	2822
2780 >E	Pleasant Valley 345kV Voltage	Pre-Fault	40.8	NA	348	2780
2781 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	6.7	320	320.5	2739
2782 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	6.7	320	320.3	2770
2782 >E	Rock Tavern 345kV Voltage	Pre-Fault	32.8	NA	348	2782
2783 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	11.4	327.8	334.9	2740
2783 >E	Oakdale 345kV Voltage	SBK Edic R70	6.8	320	320.2	2810
2786 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	15.2	218.5	223.9	2508

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2788 >E	Fraser 345kV Voltage	Ph2 DC 1500	8.3	327.8	340.7	3036
2792 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	9.9	327.8	342.4	3038
2794 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	10.9	327.8	338.9	2610
2797 >E	Oakdale 345kV Voltage	Marcy South S.	8.3	320	330.1	3249
2804 >E	St.Lawrence 230kV Voltage	Ravenswood 3	17.3	218.5	223.2	2840
2809 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	11.7	320	337.5	1952
2810 >E	Buchanan South 345kV Voltage	Pre-Fault	47.9	NA	346	2810
2812 >E	Coopers Corners 345kV Voltage	Volney-Marcy	8.9	327.8	335.4	2574
2813 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	16.3	327.8	329.2	2768
2821 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	10.6	327.8	346.9	3057
2821 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	10.6	327.8	346.9	3057
2825 >E	Coopers Corners 345kV Voltage	Ravenswood 3	10.8	327.8	334.4	2855
2825 >E	Somerset 345kV Voltage	SBK Marcy R3108	12.0	327.8	345.4	2625
2827 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	8.9	327.8	327.8	2783
2827 >E	Fraser 345kV Voltage	Volney-Marcy	8.9	327.8	327.8	2576
2827 >E	Fraser 345kV Voltage	SBK Edic R70	8.9	327.8	327.8	2853
2827 >E	Fraser 345kV Voltage	SBK Princetown 345	8.9	327.8	327.8	2531
2827 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	8.9	327.8	327.8	2813
2827 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	8.9	327.8	327.8	2782
2827 >E	Fraser 345kV Voltage	Ravenswood 3	8.9	327.8	327.8	2856
2827 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	17.1	327.8	328.4	2783
2830 >E	Pannell Road 345kV Voltage	SBK Edic R70	18.1	327.8	328.3	2856
2830 >E	Ramapo 500kV Voltage	Ravenswood 3	44.4	500	506.2	2858
2831 >E	Ramapo 500kV Voltage	Ph2 DC 1500	50.2	500	507.7	3064
2831 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	17.4	327.8	328.2	2818
2833 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	10.5	327.8	333.8	2534
2837 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	11.8	327.8	330.8	2793
2845 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	12.7	327.8	330.2	2831
2849 >E	Somerset 345kV Voltage	Ph2 DC 1500	13.7	327.8	344.8	3076
2850 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	9.1	327.8	340.0	2579
2850 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	9.1	327.8	340.0	2579
2863 >E	New Scotland 345kV Voltage Alps	Marcy South N.	18.2	327.8	348.4	3617
2863 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	18.2	327.8	348.4	3617
2867 >E	Somerset 345kV Voltage	Volney-Marcy	12.4	327.8	356.0	2581
2872 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	22.4	218.5	221.9	2648
2881 >E	St.Lawrence 230kV Voltage	SBK Edic R70	21.8	218.5	220.2	2906
2887 >E	Coopers Corners 345kV Voltage	SBK Edic R70	12.8	327.8	329.7	2912
2890 >E	New Scotland 345kV Voltage Alps	Marcy South S.	15.1	327.8	344.1	3309
2890 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	15.1	327.8	344.1	3309

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2892 >E	Gordon Rd 345kV Voltage	SBK Edic R70	13.8	327.8	326.6	2917
2896 >E	Niagara 230kV East Voltage	Volney-Marcy	21.0	218.5	227.6	2585
2896 >E	Niagara 230kV West Voltage	Volney-Marcy	21.0	218.5	227.6	2585
2901 >E	Watercure 230kV Voltage	Ph2 DC 1500	14.1	207	224.7	3110
2902 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	13.0	327.8	328.6	2855
2903 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	13.0	327.8	328.5	2855
2903 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	21.2	327.8	339.3	1998
2909 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	24.5	218.5	219.1	2860
2909 >E	St.Lawrence 230kV Voltage	Marcy South N.	37.2	218.5	228.3	3658
2910 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	13.2	327.8	328.0	2895
2917 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	24.9	218.5	218.8	2869
2918 >E	Watercure 230kV Voltage	SBK Marcy R3108	14.5	207	224.3	2671
2919 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	25.2	218.5	218.7	2905
2923 >E	St.Lawrence 230kV Voltage	Marcy South S.	28.6	218.5	225.4	3330
2929 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	12.6	327.8	335.1	2929
2929 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	12.6	327.8	335.1	2929
2932 >E	Somerset 345kV Voltage	SBK Edic R945	17.6	327.8	339.3	2070
2935 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	17.8	327.8	339.2	2071
2939 >E	Ramapo 345kV Voltage	Pre-Fault	51.8	NA	346	2939
2942 >E	St.Lawrence 230kV Voltage	SBK Edic R945	33.1	218.5	224.9	2075
2944 >E	Fraser 345kV Voltage	SBK Edic R945	17.0	327.8	351.7	2076
2947 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	33.5	218.5	224.8	2077
2951 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	17.2	327.8	351.6	2079
2953 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	25.7	327.8	329.6	2902
2964 >E	Fraser 345kV Voltage	Marcy South S.	14.8	327.8	327.8	3357
2968 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	13.8	327.8	332.7	2918
2968 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	13.8	327.8	332.7	2918
2968 >E	Watercure 230kV Voltage	Marcy South N.	24.9	207	225.0	3712
2977 >E	Watercure 230kV Voltage	Volney-Marcy	15.5	207	235.3	2596
2981 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	27.4	327.8	328.6	2931
2990 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	28.1	327.8	328.3	2975
2992 >E	Gilboa 345kV Voltage	Ph2 DC 1500	15.1	327.8	344.1	3170
2993 >E	Station 80 345kV Voltage	SBK Edic R70	29.5	327.8	328.2	3017
2994 >E	Fraser 345kV Voltage	SBK Marcy R3108	15.9	327.8	327.8	2709
3005 >E	Leeds 345kV Voltage	Pre-Fault	31.2	NA	345	3005
3013 >E	Ladentown 345kV Voltage	Pre-Fault	52.9	NA	346	3013
3014 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	21.1	327.8	336.6	2052
3018 >E	Ramapo 500kV Voltage	Volney-Marcy	44.6	500	503.4	2601

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3019 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	13.8	327.8	329.5	2639
3019 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	13.8	327.8	329.5	2639
3031 >E	Gilboa 345kV Voltage	Volney-Marcy	14.8	327.8	333.3	2603
3039 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	16.1	327.8	328.3	3061
3039 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	16.1	327.8	328.3	3061
3044 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	16.0	327.8	328.0	2990
3044 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	16.0	327.8	328.0	2990
3044 >E	Sprain Brook 345kV Voltage	Ravenswood 3	36.1	327.8	336.6	3011
3045 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	16.1	327.8	327.9	3029
3045 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	16.1	327.8	327.9	3029
3046 >E	Niagara 230kV East Voltage	Pre-Fault	58.1	NA	225	3046
3046 >E	Niagara 230kV West Voltage	Pre-Fault	58.1	NA	225	3046
3047 >E	Dunwoodie 345kV Voltage	Ravenswood 3	36.8	327.8	336.6	3013
3055 >E	Niagara 230kV East Voltage	SBK Edic R945	35.2	218.5	223.8	2134
3055 >E	Niagara 230kV West Voltage	SBK Edic R945	35.2	218.5	223.8	2134
3055 >E	Roseton 345kV Voltage	Pre-Fault	45.8	NA	345	3055
3057 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	35.3	218.5	223.8	2135
3057 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	35.3	218.5	223.8	2135
3057 >E	Niagara 230kV East Voltage	Marcy South S.	33.1	218.5	222.1	3417
3057 >E	Niagara 230kV West Voltage	Marcy South S.	33.1	218.5	222.1	3417
3065 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	41.9	218.5	222.6	2077
3078 >E	Gilboa 345kV Voltage	Ravenswood 3	16.7	327.8	330.7	3035
3081 >E	Somerset 345kV Voltage	Marcy South N.	29.2	327.8	344.4	3814
3094 >E	Niagara 230kV East Voltage	SBK Princetown 345	35.1	218.5	224.2	2682
3094 >E	Niagara 230kV West Voltage	SBK Princetown 345	35.1	218.5	224.2	2682
3097 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	17.3	327.8	329.6	3042
3100 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	18.5	327.8	336.5	2762
3100 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	18.5	327.8	336.5	2762
3101 >E	Ramapo 500kV Voltage	SBK Princetown 345	54.2	500	502.2	2685
3104 >E	Gilboa 345kV Voltage	Marcy South S.	21.1	327.8	339.7	3447
3108 >E	Gilboa 345kV Voltage	SBK Princetown 345	17.1	327.8	329.0	2689
3110 >E	Somerset 345kV Voltage	Marcy South S.	24.0	327.8	341.5	3451
3111 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	38.9	218.5	222.8	2099
3111 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	38.9	218.5	222.8	2099
3119 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	23.7	327.8	350.2	2104
3128 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	18.1	327.8	327.9	3070
3129 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	18.1	327.8	327.9	3112
3130 >E	Gilboa 345kV Voltage	SBK Edic R70	18.2	327.8	327.8	3151

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3133 >E	Fraser 345kV Voltage	Marcy South N.	22.0	327.8	327.8	3860
3136 >E	Niagara 230kV East Voltage	Ravenswood 3	38.6	218.5	223.4	3076
3136 >E	Niagara 230kV West Voltage	Ravenswood 3	38.6	218.5	223.4	3076
3138 >E	Millwood 345kV Voltage	Ravenswood 3	34.7	327.8	337.0	3078
3140 >E	Buchanan North 345kV Voltage	Ravenswood 3	35.2	327.8	337.1	3079
3151 >E	Bowline 1 345kV Voltage	Pre-Fault	52.9	NA	345	3151
3163 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	22.6	327.8	325.9	2794
3178 >E	Rock Tavern 345kV Voltage	Ravenswood 3	25.4	327.8	335.9	3106
3207 >E	Buchanan South 345kV Voltage	Ravenswood 3	34.6	327.8	337.7	3126
3210 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	64.8	500	500.6	3150
3210 >E	Ramapo 500kV Voltage	SBK Edic R70	64.6	500	500.6	3229
3226 >E	Bowline 2 345kV Voltage	Pre-Fault	57.9	NA	345	3226
3233 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	66.9	500	500.3	3171
3245 >E	Niagara 345kV Voltage	SBK Marcy R3108	24.0	327.8	349.4	2835
3246 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	68.0	500	500.1	3227
3250 >E	Rock Tavern 345kV Voltage	Volney-Marcy	25.1	327.8	333.7	2632
3251 >E	Ramapo 500kV Voltage	Pre-Fault	68.4	NA	500	3251
3256 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	26.8	327.8	342.5	3345
3265 >E	Niagara 230kV East Voltage	SBK Marcy R3108	49.2	218.5	229.6	2845
3265 >E	Niagara 230kV West Voltage	SBK Marcy R3108	49.2	218.5	229.6	2845
3280 >E	Watercure 230kV Voltage	SBK Edic R945	31.4	207	227.2	2252
3291 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	31.9	207	227.1	2257
3297 >E	Niagara 345kV Voltage	Ph2 DC 1500	26.7	327.8	348.8	3371
3298 >E	Niagara 230kV East Voltage	Ph2 DC 1500	53.2	218.5	229.4	3372
3298 >E	Niagara 230kV West Voltage	Ph2 DC 1500	53.2	218.5	229.4	3372
3300 >E	Niagara 345kV Voltage	SBK Edic R945	26.4	327.8	340.1	2263
3305 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	26.6	327.8	340.0	2264
3317 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	28.2	327.8	331.7	2807
3342 >E	Ramapo 345kV Voltage	Ravenswood 3	35.6	327.8	338.2	3222
3355 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	34.7	327.8	333.9	3232
3359 >E	Ladentown 345kV Voltage	Ravenswood 3	34.9	327.8	339.5	3234
3383 >E	Gilboa 345kV Voltage	Marcy South N.	31.0	327.8	338.3	4085
3386 >E	Gilboa 345kV Voltage	SBK Marcy R3108	27.3	327.8	331.4	2905
3389 >E	Sprain Brook 345kV Voltage	Volney-Marcy	43.1	327.8	329.3	2650
3390 >E	Gardenville 230kV Voltage	Volney-Marcy	30.1	207	233.0	2650
3395 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	56.3	218.5	219.0	3326
3395 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	56.3	218.5	219.0	3326
3399 >E	Dunwoodie 345kV Voltage	Volney-Marcy	43.9	327.8	329.2	2652

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3411 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	57.3	218.5	218.7	3343
3411 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	57.3	218.5	218.7	3343
3411 >E	Bowline 1 345kV Voltage	Ravenswood 3	34.8	327.8	340.1	3271
3414 >E	Rock Tavern 345kV Voltage	SBK Edic R70	32.1	327.8	328.8	3429
3415 >E	Niagara 230kV East Voltage	SBK Edic R70	58.2	218.5	218.6	3430
3415 >E	Niagara 230kV West Voltage	SBK Edic R70	58.2	218.5	218.6	3430
3417 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	57.7	218.5	218.6	3396
3417 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	57.7	218.5	218.6	3396
3418 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	31.9	327.8	328.6	3350
3420 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	30.5	327.8	337.4	2251
3425 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	45.5	327.8	328.5	3357
3427 >E	Bowline 2 345kV Voltage	Ravenswood 3	34.8	327.8	341.5	3283
3432 >E	Sprain Brook 345kV Voltage	SBK Edic R70	46.0	327.8	328.4	3446
3432 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	45.2	327.8	328.4	2872
3433 >E	Buchanan North 345kV Voltage	Volney-Marcy	40.9	327.8	331.2	2656
3433 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	32.4	327.8	328.2	3363
3435 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	46.3	327.8	328.5	3366
3441 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	32.7	327.8	327.9	3420
3442 >E	Dunwoodie 345kV Voltage	SBK Edic R70	46.9	327.8	328.4	3456
3443 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	46.1	327.8	328.3	2878
3446 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	31.6	327.8	335.5	2339
3446 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	31.6	327.8	335.5	2339
3453 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	31.8	327.8	335.4	2341
3453 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	31.8	327.8	335.4	2341
3453 >E	Millwood 345kV Voltage	Volney-Marcy	40.5	327.8	330.1	2659
3456 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	47.0	327.8	327.8	3384
3457 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	47.1	327.8	327.8	3435
3459 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	34.7	327.8	331.3	2659
3466 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	47.9	327.8	327.8	3394
3467 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	48.0	327.8	327.8	3445
3472 >E	Leeds 345kV Voltage	Marcy South S.	32.3	327.8	340.9	3684
3486 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	36.7	327.8	340.9	3496
3501 >E	Buchanan North 345kV Voltage	SBK Princetown 345	44.4	327.8	329.8	2911
3502 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	47.4	327.8	340.3	3507
3515 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	43.9	327.8	328.8	3443
3515 >E	Millwood 345kV Voltage	SBK Princetown 345	43.2	327.8	328.8	2919
3523 >E	Gilboa 345kV Voltage	SBK Edic R945	34.5	327.8	346.1	2379
3524 >E	Millwood 345kV Voltage	SBK Edic R70	44.4	327.8	328.6	3536

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\M_STAT_OS\Sum2023_CEVC_PH2_00_M_STAT_OS.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3530 >E	Buchanan South 345kV Voltage	Volney-Marcy	41.0	327.8	331.0	2669
3531 >E	Roseton 345kV Voltage	Ravenswood 3	37.8	327.8	334.6	3357
3534 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	34.9	327.8	345.9	2384
3535 >E	Leeds 345kV Voltage	Ph2 DC 1500	31.7	327.8	340.2	3529
3539 >E	Gordon Rd 345kV Voltage	SBK Edic R945	35.9	327.8	319.3	2388
3542 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	31.2	327.8	327.8	3469
3542 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	31.2	327.8	327.8	3467
3542 >E	Leeds 345kV Voltage	Volney-Marcy	31.2	327.8	327.8	2671
3542 >E	Leeds 345kV Voltage	SBK Edic R70	31.2	327.8	327.8	3554
3542 >E	Leeds 345kV Voltage	SBK Princetown 345	31.2	327.8	327.8	2934
3542 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	31.2	327.8	327.8	3520
3542 >E	Leeds 345kV Voltage	Ravenswood 3	31.2	327.8	327.8	3365
3547 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	38.7	327.8	329.2	3474
3548 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	36.2	327.8	319.0	2391
3552 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	47.1	327.8	328.8	3479
3552 >E	Buchanan North 345kV Voltage	SBK Edic R70	47.3	327.8	328.8	3564
3555 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	45.6	327.8	327.9	3479
3557 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	45.8	327.8	327.9	3534
3564 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	43.0	207	224.8	2321
3568 >E	Ramapo 500kV Voltage	SBK Marcy R3108	104.2	500	502.0	2996
3578 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	38.9	327.8	328.4	2954
3587 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	40.3	327.8	328.2	3598
3590 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	48.8	327.8	328.0	3512
3597 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	49.2	327.8	327.9	3573
3602 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	40.7	327.8	327.8	3579
3602 >E	Buchanan South 345kV Voltage	SBK Princetown 345	44.0	327.8	329.4	2968
3603 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	40.7	327.8	327.8	3525
3612 >E	Millwood 345kV Voltage	Ph2 DC 1500	49.0	327.8	339.9	3579
3621 >E	Ramapo 345kV Voltage	Volney-Marcy	41.1	327.8	332.9	2681
3626 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	45.5	327.8	329.0	3549
3629 >E	Buchanan South 345kV Voltage	SBK Edic R70	45.8	327.8	328.9	3639
3632 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	37.9	327.8	331.1	2355
3632 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	37.9	327.8	331.1	2355
3642 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	57.5	327.8	338.1	3599
3642 >E	Ramapo 345kV Voltage	Ph2 DC 1500	44.5	327.8	343.3	3599
3647 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	58.0	327.8	338.0	3602
3647 >E	Gardenville 230kV Voltage	SBK Marcy R3108	41.1	207	225.9	3036

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3651 >E	Roseton 345kV Voltage	Volney-Marcy	38.6	327.8	332.0	2685
3653 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	48.0	327.8	341.5	3607
3654 >E	Gardenville 230kV Voltage	Ph2 DC 1500	41.2	207	225.9	3607
3672 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	47.4	327.8	328.0	3591
3674 >E	Watercure 230kV Voltage	Marcy South S.	43.4	207	224.5	3815
3677 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	47.7	327.8	327.9	3653
3688 >E	Roseton 345kV Voltage	Ph2 DC 1500	40.9	327.8	342.4	3630
3700 >E	Leeds 345kV Voltage	Marcy South N.	41.1	327.8	342.6	4371
3710 >E	Ladentown 345kV Voltage	Volney-Marcy	42.5	327.8	332.8	2693
3713 >E	Ramapo 345kV Voltage	SBK Princetown 345	45.1	327.8	331.1	3030
3715 >E	Ramapo 500kV Voltage	Marcy South S.	127.0	500	500.6	3841
3751 >E	Roseton 345kV Voltage	SBK Princetown 345	42.2	327.8	329.8	3052
3767 >E	Ladentown 345kV Voltage	Ph2 DC 1500	47.0	327.8	344.6	3682
3771 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	43.0	327.8	343.0	2423
3777 >E	Bowline 1 345kV Voltage	Volney-Marcy	42.5	327.8	333.2	2702
3800 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	44.3	327.8	328.7	3717
3802 >E	Pleasant Valley 345kV Voltage	Marcy South S.	55.9	327.8	335.9	3897
3805 >E	Ladentown 345kV Voltage	SBK Princetown 345	46.3	327.8	331.0	3082
3806 >E	Ramapo 345kV Voltage	SBK Edic R70	49.1	327.8	329.3	3813
3812 >E	Gardenville 230kV Voltage	Marcy South S.	47.2	207	217.9	3903
3812 >E	Somerset 345kV Voltage	SBK Princetown 345	55.5	327.8	377.1	3086
3814 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	49.2	327.8	329.1	3730
3816 >E	Roseton 345kV Voltage	SBK Edic R70	45.1	327.8	328.4	3822
3836 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	45.5	327.8	327.9	3748
3839 >E	Watercure 230kV Voltage	SBK Princetown 345	50.1	207	242.3	3101
3840 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	45.7	327.8	327.9	3814
3841 >E	Coopers Corners 345kV Voltage	Marcy South N.	45.6	327.8	306.5	4497
3841 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	47.0	327.8	346.5	3730
3863 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	51.1	327.8	328.2	3774
3876 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	51.6	327.8	327.9	3849
3876 >E	Ladentown 345kV Voltage	SBK Edic R70	49.3	327.8	329.7	3881
3877 >E	Bowline 1 345kV Voltage	SBK Princetown 345	46.2	327.8	331.3	3122
3886 >E	Bowline 2 345kV Voltage	Volney-Marcy	45.8	327.8	333.6	2716
3891 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	49.7	327.8	329.4	3804
3943 >E	Ramapo 500kV Voltage	Marcy South N.	159.8	500	503.7	4589
3952 >E	Bowline 1 345kV Voltage	SBK Edic R70	49.2	327.8	329.8	3956
3954 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	52.1	327.8	328.2	3861

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3956 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	50.4	327.8	346.1	3807
3968 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	52.6	327.8	328.0	3939
3969 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	49.7	327.8	329.5	3879
3994 >E	Bowline 2 345kV Voltage	SBK Princetown 345	49.7	327.8	331.7	3188
4036 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	52.1	327.8	328.2	3940
4051 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	52.6	327.8	328.0	4022
4053 >E	Bowline 2 345kV Voltage	SBK Edic R70	52.1	327.8	330.7	4055
4094 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	53.4	327.8	330.0	3999
4122 >E	Niagara 345kV Voltage	Marcy South N.	58.9	327.8	347.0	4750
4144 >E	Pleasant Valley 345kV Voltage	Marcy South N.	69.7	327.8	337.6	4770
4188 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	56.7	327.8	328.4	4085
4197 >E	Leeds 345kV Voltage	SBK Marcy R3108	53.2	327.8	327.8	3310
4209 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	57.4	327.8	328.0	4178
4243 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	62.8	327.8	326.2	3334
4273 >E	Gardenville 230kV Voltage	SBK Edic R945	66.4	207	223.9	2772
4276 >E	Niagara 230kV East Voltage	Marcy South N.	126.3	218.5	228.9	4889
4276 >E	Niagara 230kV West Voltage	Marcy South N.	126.3	218.5	228.9	4889
4291 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	67.1	207	223.8	2779
4478 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	76.0	327.8	328.3	3451
4578 >E	Gardenville 230kV Voltage	SBK Princetown 345	75.5	207	232.4	3518
4604 >E	Rainey 345kV Voltage	Ravenswood 3	94.4	327.8	342.3	4118
4647 >E	Watercure 230kV Voltage	Ravenswood 3	83.3	207	248.9	4149
4713 >E	Gardenville 230kV Voltage	Marcy South N.	89.0	207	225.8	5282
4717 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	83.1	207	221.3	2886
4720 >E	Farragut 345kV Voltage	Ravenswood 3	99.6	327.8	341.6	4201
4744 >E	Niagara 345kV Voltage	Marcy South S.	76.2	327.8	356.2	4504
4820 >E	Dunwoodie 345kV Voltage	Marcy South S.	123.9	327.8	327.2	4553
4853 >E	Sprain Brook 345kV Voltage	Marcy South S.	124.6	327.8	327.0	4575
4869 >E	Millwood 345kV Voltage	Marcy South S.	110.2	327.8	327.7	4585
4906 >E	Roseton 345kV Voltage	Marcy South S.	85.2	327.8	326.1	4609
5037 >E	Roseton 345kV Voltage	SBK Marcy R3108	89.2	327.8	326.9	3730
5052 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	120.4	327.8	327.2	3737
5106 >E	Roseton 345kV Voltage	Marcy South N.	94.5	327.8	333.1	5636
5106 >E	Dunwoodie 345kV Voltage	SBK Edic R945	138.9	327.8	326.4	3208
5116 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	139.4	327.8	326.3	3210
5175 >E	Millwood 345kV Voltage	Marcy South N.	125.9	327.8	332.8	5698
5192 >E	Rock Tavern 345kV Voltage	Marcy South N.	94.4	327.8	320.9	5713
5208 >E	Millwood 345kV Voltage	SBK Marcy R3108	124.2	327.8	326.4	3815
5227 >E	Gardenville 230kV Voltage	Ravenswood 3	100.1	207	232.0	4561

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5288 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	147.1	327.8	326.0	3855
5291 >E	Dunwoodie 345kV Voltage	Marcy South N.	150.2	327.8	331.6	5803
5296 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	148.5	327.8	326.0	3859
5302 >E	Rainey 345kV Voltage	Pre-Fault	161.1	NA	338	5302
5304 >E	Sprain Brook 345kV Voltage	Marcy South N.	150.0	327.8	331.6	5814
5317 >E	Farragut 345kV Voltage	Pre-Fault	167.3	NA	338	5317
5357 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	151.3	327.8	324.4	3199
5390 >E	Buchanan South 345kV Voltage	Marcy South S.	121.6	327.8	325.1	4921
5416 >E	Sprain Brook 345kV Voltage	SBK Edic R945	154.9	327.8	326.2	3370
5428 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	155.6	327.8	326.1	3373
5432 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	124.8	327.8	326.7	3927
5500 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	95.7	327.8	327.8	3410
5500 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	95.7	327.8	327.8	3270
5500 >E	Leeds 345kV Voltage	SBK Edic R945	95.7	327.8	327.8	3414
5503 >E	Ramapo 345kV Voltage	SBK Marcy R3108	116.7	327.8	327.1	3963
5540 >E	Buchanan North 345kV Voltage	Marcy South N.	142.5	327.8	330.4	6027
5589 >E	Buchanan South 345kV Voltage	Marcy South N.	133.4	327.8	332.4	6071
5594 >E	Buchanan North 345kV Voltage	Marcy South S.	136.8	327.8	320.2	5053
5642 >E	Goethals 345kV Voltage	Ravenswood 3	136.5	327.8	340.4	4856
5732 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	170.7	327.8	324.0	3383
5860 >E	Somerset 345kV Voltage	Ravenswood 3	152.5	327.8	422.7	5011
6011 >E	Ladentown 345kV Voltage	SBK Marcy R3108	130.7	327.8	327.1	4217
6175 >E	Goethals 345kV Voltage	Pre-Fault	226.2	NA	338	6175
6294 >E	Ramapo 345kV Voltage	Marcy South N.	145.9	327.8	329.4	6705
6567 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	157.1	327.8	327.5	3973
6576 >E	Rainey 345kV Voltage	Volney-Marcy	147.1	327.8	330.1	3073
6591 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	158.0	327.8	327.3	3980
6600 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	144.6	327.8	327.1	4511
6640 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	143.8	327.8	327.1	4531
6647 >E	Farragut 345kV Voltage	Volney-Marcy	152.8	327.8	330.1	3083
6656 >E	Niagara 345kV Voltage	Volney-Marcy	145.1	327.8	558.7	3084
6687 >E	Ladentown 345kV Voltage	Marcy South N.	155.3	327.8	331.0	7059
6770 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	154.6	327.8	328.9	6567
6773 >E	Rainey 345kV Voltage	SBK Princetown 345	154.2	327.8	328.9	4754
6820 >E	Rainey 345kV Voltage	SBK Edic R70	156.6	327.8	328.6	6765
6822 >E	Rock Tavern 345kV Voltage	Marcy South S.	135.2	327.8	278.7	5844
6845 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	160.6	327.8	328.9	6640
6847 >E	Farragut 345kV Voltage	SBK Princetown 345	160.2	327.8	328.9	4796
6863 >E	Ramapo 345kV Voltage	Marcy South S.	157.5	327.8	312.3	5870
6897 >E	Farragut 345kV Voltage	SBK Edic R70	162.7	327.8	328.6	6841
6928 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr	160.4	327.8	327.9	6708

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
6936 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	160.7	327.8	327.9	6869
6962 >E	Ladentown 345kV Voltage	Marcy South S.	158.0	327.8	316.7	5935
7008 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr	166.7	327.8	327.9	6785
		345				
7015 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	167.0	327.8	327.9	6947
7244 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	182.2	327.8	323.2	4124
7342 >E	Rainey 345kV Voltage	Ph2 DC 1500	176.1	327.8	343.5	6041
7358 >E	Bowline 1 345kV Voltage	Marcy South N.	170.8	327.8	331.4	7664
7399 >E	Farragut 345kV Voltage	Ph2 DC 1500	181.9	327.8	343.2	6078
7411 >E	Bowline 2 345kV Voltage	Marcy South N.	170.1	327.8	331.4	7711
7664 >E	Bowline 1 345kV Voltage	Marcy South S.	174.3	327.8	315.7	6387
7712 >E	Bowline 2 345kV Voltage	Marcy South S.	173.4	327.8	316.2	6418
7720 >E	Millwood 345kV Voltage	SBK Edic R945	244.1	327.8	324.9	4576
7768 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	246.4	327.8	324.7	4594
8030 >E	Goethals 345kV Voltage	Volney-Marcy	208.5	327.8	329.8	3266
8245 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	217.1	327.8	328.9	7983
8268 >E	Goethals 345kV Voltage	SBK Princetown 345	217.5	327.8	328.7	5597
8314 >E	Goethals 345kV Voltage	SBK Edic R70	219.9	327.8	328.5	8230
8462 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr	225.4	327.8	327.9	8177
		345				
8471 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	225.7	327.8	327.9	8384
8868 >E	Coopers Corners 345kV Voltage	Marcy South S.	153.1	327.8	58.0	7163
8872 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	296.4	327.8	319.5	4921
8876 >E	Goethals 345kV Voltage	Ph2 DC 1500	241.7	327.8	343.3	7053
13336 >E	Rainey 345kV Voltage	Marcy South S.	398.1	327.8	326.8	10045
13491 >E	Farragut 345kV Voltage	Marcy South S.	412.1	327.8	326.8	10144
15089 >E	Rainey 345kV Voltage	SBK Marcy R3108	462.3	327.8	325.1	8751
15123 >E	Buchanan South 345kV Voltage	SBK Edic R945	557.0	327.8	320.4	8450
15272 >E	Farragut 345kV Voltage	SBK Marcy R3108	478.6	327.8	325.2	8842
15444 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	571.2	327.8	319.7	8601
15824 >E	Rainey 345kV Voltage	Marcy South N.	491.1	327.8	333.3	15286
16094 >E	Farragut 345kV Voltage	Marcy South N.	511.3	327.8	333.3	15528

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
17252 >E	Goethals 345kV Voltage	Marcy South S.	563.4	327.8	326.7	12570
19977 >E	Goethals 345kV Voltage	SBK Marcy R3108	667.4	327.8	324.7	11192
21061 >E	Goethals 345kV Voltage	Marcy South N.	710.5	327.8	333.1	20000
22536 >E	Northport 138kV Voltage	Ph2 DC 1500	1567.0	131.1	138.2	16066
24496 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	830.3	207	221.5	23526
24797 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	979.7	327.8	297.3	12720
29515 >E	Rainey 345kV Voltage	SBK Edic R945	995.6	327.8	322.7	15982
29780 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	1005.4	327.8	322.4	16084
32775 >E	Farragut 345kV Voltage	SBK Edic R945	1138.9	327.8	322.3	17688
32799 >E	Gardenville 230kV Voltage	Pre-Fault	1837.9	NA	217	32799
33078 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	1150.3	327.8	322.0	17806
33597 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	1174.3	207	216.6	32315
35845 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	1227.2	327.8	315.2	18131
40505 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	1435.2	207	212.8	40001
40739 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	1436.6	327.8	313.8	20528
42978 >E	Northport 138kV Voltage	Marcy South S.	3175.0	131.1	130.4	29157
44565 >E	Goethals 345kV Voltage	SBK Edic R945	1610.5	327.8	321.3	23859
45012 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	1627.6	327.8	321.0	24036
47829 >E	Northport 138kV Voltage	Marcy South N.	3568.2	131.1	133.5	44100
51941 >E	Gardenville 230kV Voltage	SBK Edic R70	1875.7	207	206.6	50974
53322	Northport 138kV Voltage	SBK Marcy R3108	3981.8	131.1	129.5	27848

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						
56198	Goethals 345kV Voltage	Marcy-N.Scot99 345	2053.6	327.8	312.3	28099
>E						
99998	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						
99998	Bowline 1 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						
99998	Bowline 2 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						
99998	Buchanan North 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						
99998	Coopers Corners 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Ladentown 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						
99998	Ladentown 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
99998 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Ramapo 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
99998 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	SBK Edic R945	NA	500	NA	99998
99998	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

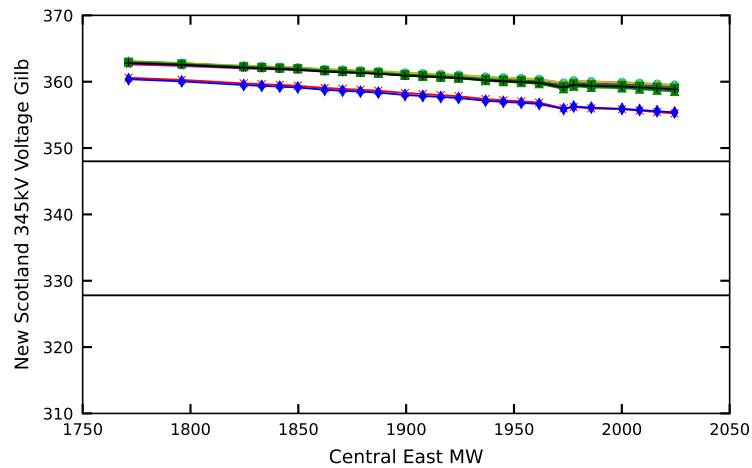
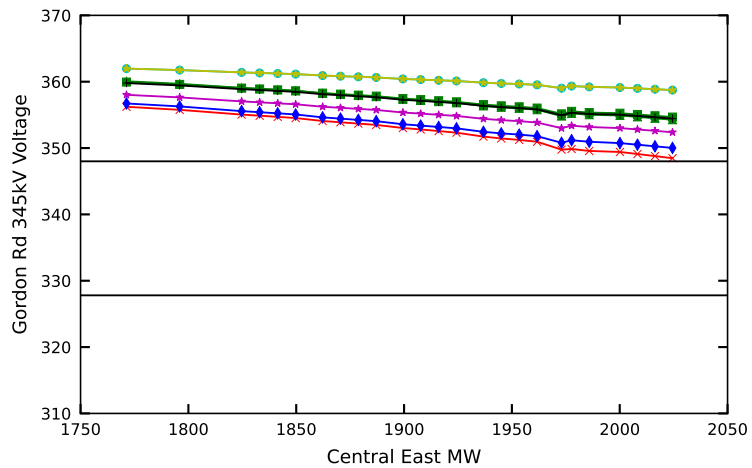
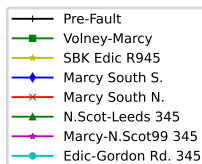
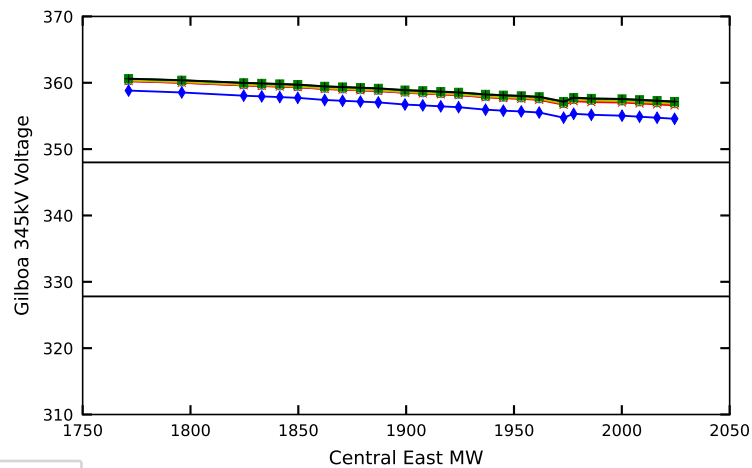
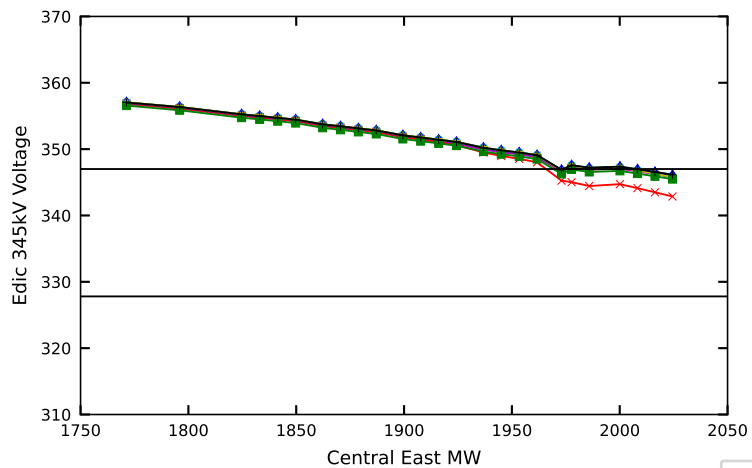
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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 00 M_STAT_OS

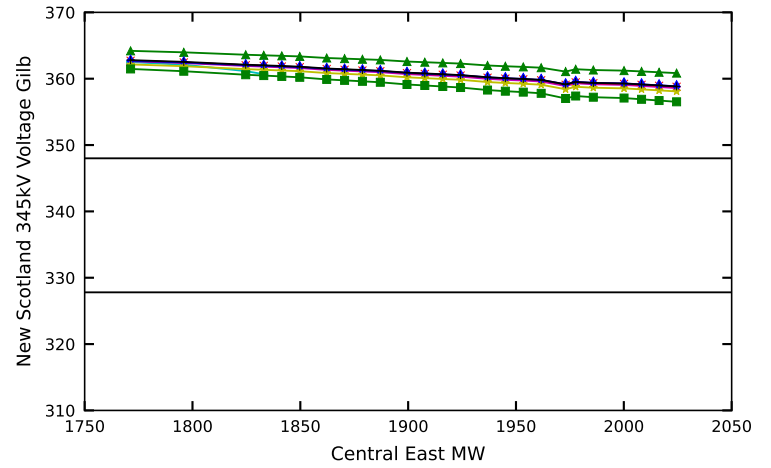
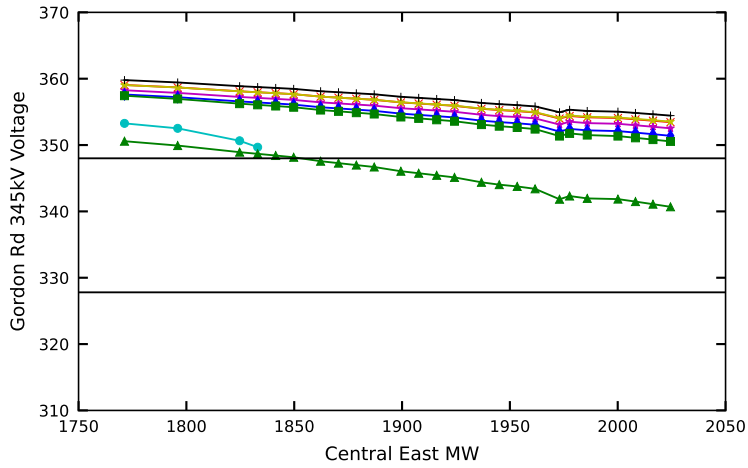
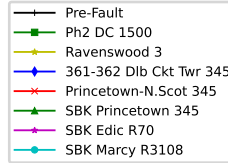
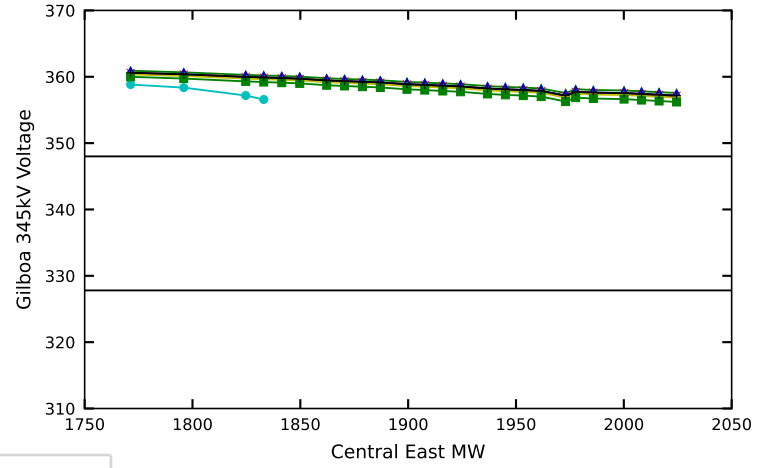
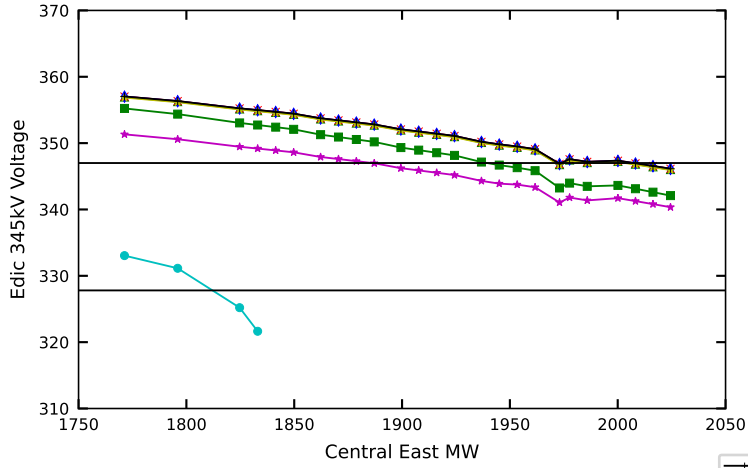
Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						
99998	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
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99998	Rock Tavern 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Roseton 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
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99998	Roseton 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
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99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
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99998	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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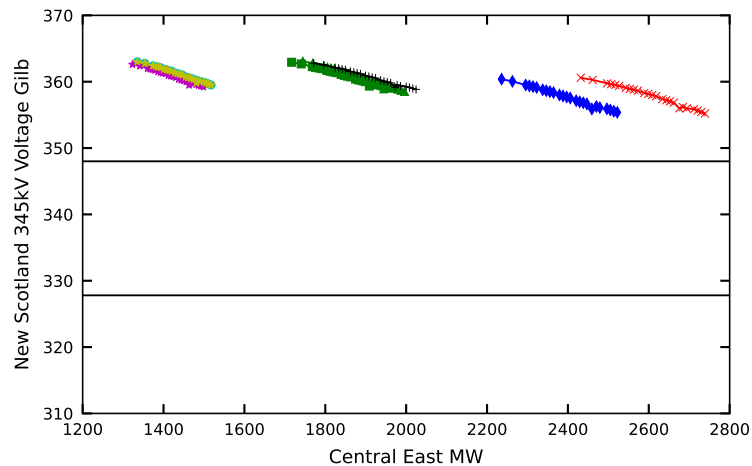
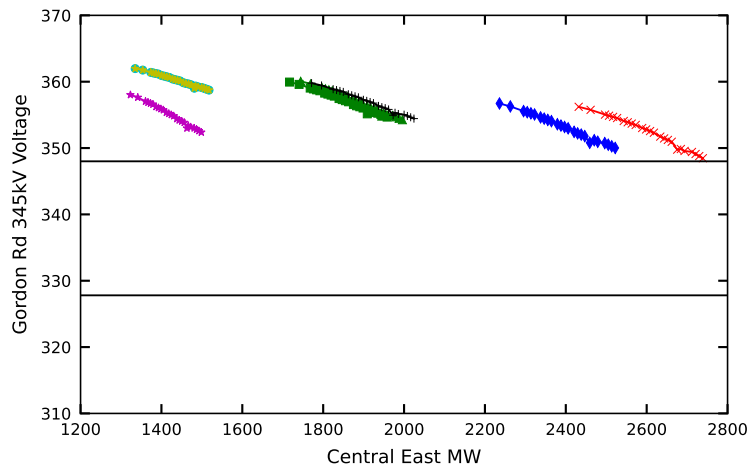
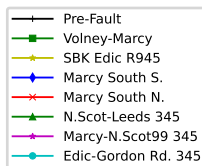
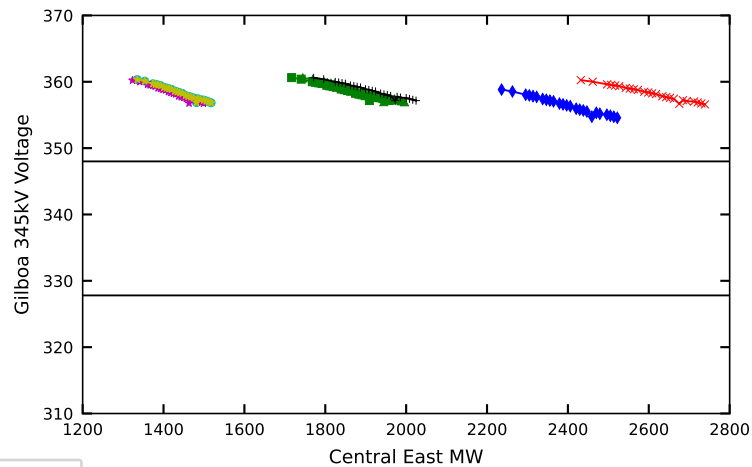
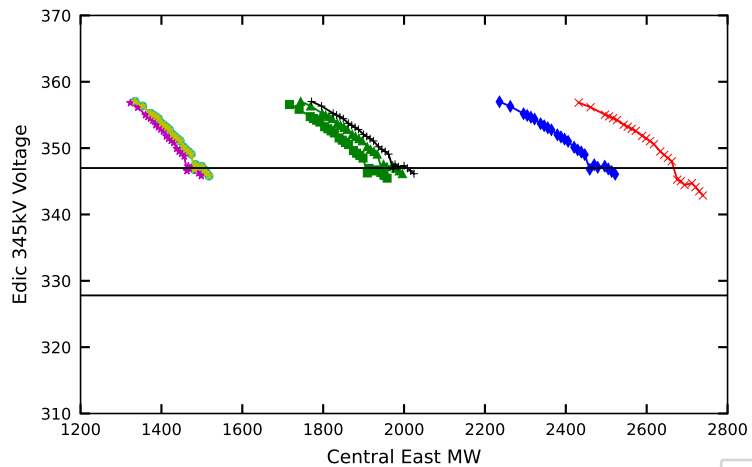
1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS Figure 1



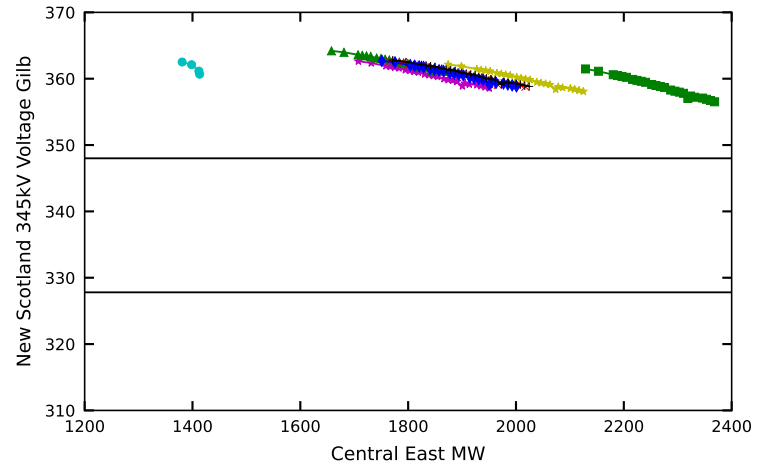
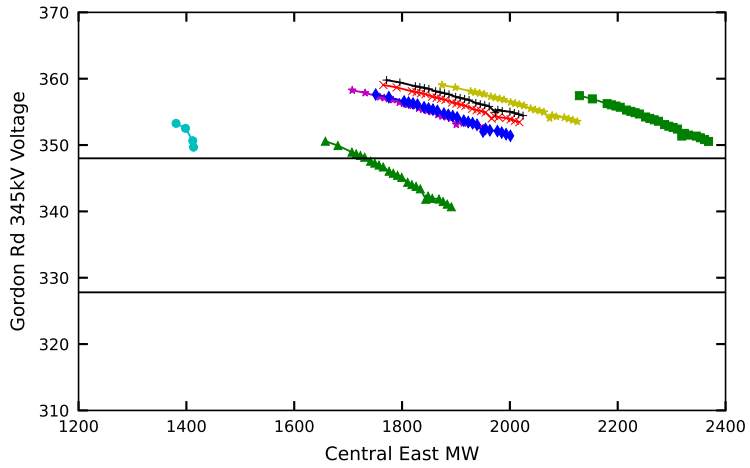
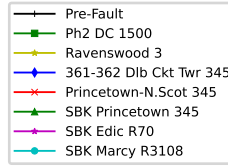
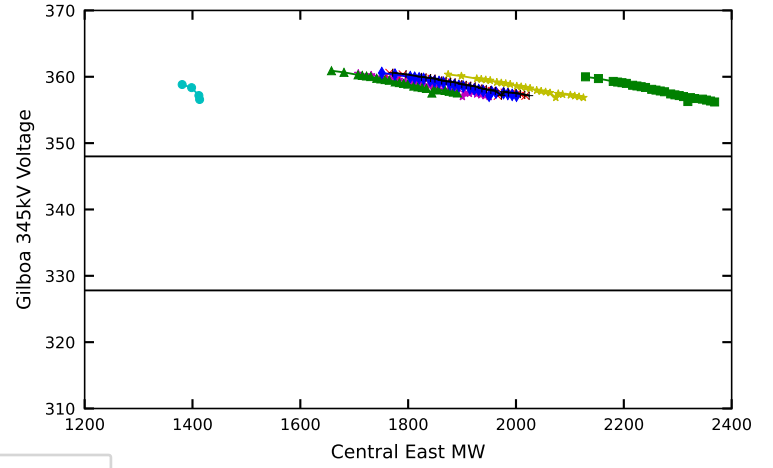
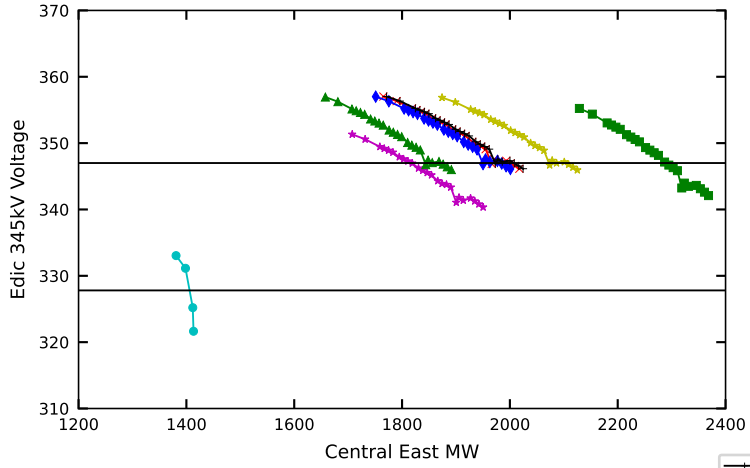
1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS Figure 2



1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS Figure 1



1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
1771	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1795	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1824	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1833	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1841	t5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
1849	t6	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
1862	t7	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
1870	t8	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
1878	t9	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
1887	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	0															
1899	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	1															
1907	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	2															
1916	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	3															
1924	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	4															
1936	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	5															
1945	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	6															
1953	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	7															
1961	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	8															
1973	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	9															
1977	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	0															
1985	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	1															
2000	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	2															
2008	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	3															
2016	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	4															
2024	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-09-2023 10:50

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\MSU1_OS\Sum2023_CEVC_PH2_00_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Interface: Central East

Dlb Ckt																									
Twr 345																									
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																									
wood 3																									
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph2 DC																									
1500																									

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1383 <E	Station 80 345kV Voltage	Pre-Fault	123.6	NA	346	1383
1501 <E	Dunwoodie 345kV Voltage	Pre-Fault	551.7	NA	348	1501
1549 <E	Sprain Brook 345kV Voltage	Pre-Fault	545.0	NA	348	1549
1604 <E	Pannell Road 345kV Voltage	Pre-Fault	95.4	NA	346	1604
1741	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1342
1812	Edic 345kV Voltage	SBK Marcy R3108	4.8	327.8	355.7	1405
1817	Clay 345kV Voltage	SBK Marcy R3108	4.7	327.8	349.8	1408
1837 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.7	327.8	343.4	1413
1844 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.4	327.8	342.1	1415
1887 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.2	320	355.7	1422
1923	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1441
1923	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1423
1923	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	1896
1923	limit with 5% margin	Marcy South N.	NA	NA	NA	2601
1923	limit with 5% margin	Marcy South S.	NA	NA	NA	2396
1923	limit with 5% margin	SBK Edic R945	NA	NA	NA	1441
1923	limit with 5% margin	Volney-Marcy	NA	NA	NA	1860
1923	limit with 5% margin	SBK Edic R70	NA	NA	NA	1852
1923	limit with 5% margin	SBK Princetown 345	NA	NA	NA	1796
1923	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	1916
1923	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	1900
1923	limit with 5% margin	Ravenswood 3	NA	NA	NA	2018
1923	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2249
1937 >E	Fraser 345kV Voltage	SBK Marcy R3108	4.8	327.8	356.7	1430
1940 >E	Somerset 345kV Voltage	SBK Marcy R3108	7.7	327.8	347.6	1430
1947	Clay 345kV Voltage	Pre-Fault	33.5	NA	345	1947
1968	Niagara 230kV East Voltage	Pre-Fault	3.5	NA	225	1968
1968	Niagara 230kV West Voltage	Pre-Fault	3.5	NA	225	1968
1970	Marcy 345kV Voltage	Pre-Fault	5.1	NA	348	1970
1972	Edic 345kV Voltage	Pre-Fault	5.1	NA	347	1972
1984 >E	Watercure 230kV Voltage	SBK Marcy R3108	7.9	207	232.7	1437
1994 >E	Niagara 230kV East Voltage	SBK Marcy R3108	23.6	218.5	227.2	1439
1994 >E	Niagara 230kV West Voltage	SBK Marcy R3108	23.6	218.5	227.2	1439
2021 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	8.6	327.8	355.8	1444
2159 >E	Station 80 345kV Voltage	Ph2 DC 1500	33.9	327.8	334.0	2493
2160 >E	Niagara 345kV Voltage	SBK Marcy R3108	13.4	327.8	355.1	1466
2165 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	28.6	327.8	334.0	2499
2171 >E	Clay 345kV Voltage	Marcy South N.	14.8	327.8	335.2	2901
2190 >E	Clay 345kV Voltage	Ph2 DC 1500	17.7	327.8	334.4	2522
2208 >E	Clay 345kV Voltage	Volney-Marcy	18.8	327.8	333.6	2132

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2215 >E	Pannell Road 345kV Voltage	Marcy South N.	23.2	327.8	332.6	2949
2217 >E	Edic 345kV Voltage	Marcy South N.	12.8	327.8	336.3	2952
2222 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	13.7	327.8	346.7	1476
2223 >E	Gardenville 230kV Voltage	SBK Marcy R3108	18.8	207	230.0	1477
2225 >E	Marcy 345kV Voltage	Marcy South N.	12.8	327.8	336.4	2961
2226 >E	Clay 345kV Voltage	SBK Edic R70	19.3	327.8	332.8	2143
2236 >E	Gilboa 345kV Voltage	SBK Marcy R3108	14.0	327.8	355.7	1479
2243 >E	Station 80 345kV Voltage	Marcy South N.	27.4	327.8	332.0	2980
2245 >E	Edic 345kV Voltage	SBK Edic R70	17.6	327.8	335.0	2161
2246 >E	Edic 345kV Voltage	Ph2 DC 1500	15.6	327.8	334.9	2574
2259 >E	Marcy 345kV Voltage	Ph2 DC 1500	15.5	327.8	334.7	2586
2265 >E	Pannell Road 345kV Voltage	Volney-Marcy	29.2	327.8	331.1	2186
2268 >E	Pannell Road 345kV Voltage	SBK Edic R70	30.1	327.8	331.0	2183
2281 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	19.2	327.8	330.4	1707
2281 >E	Clay 345kV Voltage	SBK Edic R945	19.2	327.8	330.4	1707
2284 >E	Gordon Rd 345kV Voltage	Pre-Fault	40.3	NA	348	2284
2289 >E	Gordon Rd 345kV Voltage	SBK Princetown 345	20.5	327.8	347.9	2140
2295 >E	Station 80 345kV Voltage	SBK Edic R70	35.4	327.8	330.7	2208
2298 >E	Station 80 345kV Voltage	Volney-Marcy	34.3	327.8	330.6	2218
2314 >E	Clay 345kV Voltage	Ravenswood 3	22.2	327.8	328.9	2412
2315 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	16.2	327.8	331.4	1733
2315 >E	Edic 345kV Voltage	SBK Edic R945	16.2	327.8	331.4	1733
2317 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	21.9	327.8	328.7	1711
2321 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	16.0	327.8	331.5	1737
2321 >E	Marcy 345kV Voltage	SBK Edic R945	16.0	327.8	331.5	1737
2323 >E	Pannell Road 345kV Voltage	Ravenswood 3	34.4	327.8	329.4	2421
2330 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	29.6	327.8	329.2	1744
2330 >E	Marcy 345kV Voltage	SBK Edic R70	15.6	327.8	331.1	2242
2330 >E	Pannell Road 345kV Voltage	SBK Edic R945	29.7	327.8	329.2	1744
2333 >E	Clay 345kV Voltage	SBK Princetown 345	22.4	327.8	328.0	2182
2338 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	22.6	327.8	327.8	2311
2338 >E	Clay 345kV Voltage	N.Scot-Leeds 345	22.6	327.8	327.8	2308
2338 >E	Clay 345kV Voltage	Princetown-N.Scot 345	22.6	327.8	327.8	2330
2339 >E	Station 80 345kV Voltage	Ravenswood 3	40.5	327.8	329.6	2437
2348 >E	Clay 345kV Voltage	Marcy South S.	22.6	327.8	327.4	2865
2363 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	34.9	327.8	329.0	1768
2364 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	33.1	327.8	328.3	1744
2364 >E	Station 80 345kV Voltage	SBK Edic R945	34.9	327.8	329.0	1769
2365 >E	Edic 345kV Voltage	Volney-Marcy	19.3	327.8	328.9	2281
2376 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	19.5	327.8	328.3	1753

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2376 >E	Oakdale 345kV Voltage	Marcy South N.	17.7	320	335.3	3127
2376 >E	Pannell Road 345kV Voltage	SBK Princetown 345	34.2	327.8	327.9	2222
2379 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	34.5	327.8	327.8	2352
2379 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	34.5	327.8	327.8	2371
2380 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	34.5	327.8	327.8	2350
2381 >E	Edic 345kV Voltage	Ravenswood 3	19.7	327.8	328.1	2479
2381 >E	Edic 345kV Voltage	SBK Princetown 345	19.6	327.8	328.0	2227
2383 >E	Edic 345kV Voltage	Marcy South S.	19.7	327.8	328.0	2901
2384 >E	Oakdale 345kV Voltage	Pre-Fault	26.4	NA	335	2384
2385 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	19.7	327.8	327.9	2357
2386 >E	Edic 345kV Voltage	Princetown-N.Scot 345	19.7	327.8	327.8	2377
2386 >E	Edic 345kV Voltage	N.Scot-Leeds 345	19.7	327.8	327.8	2356
2395 >E	Marcy 345kV Voltage	Marcy South S.	19.6	327.8	327.8	2914
2395 >E	Marcy 345kV Voltage	Volney-Marcy	19.6	327.8	327.8	2309
2395 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	19.6	327.8	327.8	2386
2395 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	19.6	327.8	327.8	2367
2395 >E	Marcy 345kV Voltage	Ravenswood 3	19.6	327.8	327.8	2492
2395 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	19.6	327.8	327.8	1767
2395 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	19.6	327.8	327.8	2364
2395 >E	Marcy 345kV Voltage	SBK Princetown 345	19.6	327.8	327.8	2239
2399 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	38.8	327.8	328.1	1770
2403 >E	Pannell Road 345kV Voltage	Marcy South S.	34.0	327.8	327.1	2923
2409 >E	Station 80 345kV Voltage	SBK Princetown 345	40.1	327.8	327.9	2253
2412 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	40.5	327.8	327.8	2384
2412 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	40.5	327.8	327.8	2403
2412 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	40.5	327.8	327.8	2382
2418 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	17.8	327.8	355.2	1509
2418 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	17.8	327.8	355.2	1509
2442 >E	Somerset 345kV Voltage	Pre-Fault	78.7	NA	338	2442
2443 >E	Station 80 345kV Voltage	Marcy South S.	39.8	327.8	327.0	2965
2497 >E	Fraser 345kV Voltage	Pre-Fault	30.4	NA	338	2497
2510 >E	Ramapo 500kV Voltage	SBK Marcy R3108	61.4	500	509.7	1523
2520 >E	Millwood 345kV Voltage	Pre-Fault	271.0	NA	348	2520
2548 >E	Gordon Rd 345kV Voltage	Marcy South N.	25.3	327.8	341.5	3317
2586 >E	Gilboa 345kV Voltage	Pre-Fault	61.3	NA	348	2586
2589 >E	Oakdale 345kV Voltage	Ph2 DC 1500	22.8	320	327.2	2892
2601 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	50.3	218.5	234.3	1538

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2614 >E	Oakdale 345kV Voltage	Volney-Marcy	22.9	320	326.3	2517
2616 >E	New Scotland 345kV Voltage Alps	Pre-Fault	54.6	NA	348	2616
2616 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	54.6	NA	348	2616
2634 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	22.8	320	325.5	1969
2634 >E	Oakdale 345kV Voltage	SBK Edic R945	22.8	320	325.5	1969
2658 >E	Coopers Corners 345kV Voltage	Pre-Fault	44.1	NA	338	2658
2667 >E	Oakdale 345kV Voltage	SBK Edic R70	24.0	320	324.2	2564
2673 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	24.2	320	324.0	1969
2706 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	30.0	327.8	337.5	3001
2713 >E	Marcy 345kV Voltage	SBK Marcy R3108	14.1	327.8	328.1	1557
2717 >E	Somerset 345kV Voltage	Ph2 DC 1500	65.1	327.8	334.5	3011
2739 >E	Oakdale 345kV Voltage	Ravenswood 3	25.9	320	321.5	2833
2751 >E	Oakdale 345kV Voltage	SBK Princetown 345	25.8	320	321.1	2574
2753 >E	Gordon Rd 345kV Voltage	Marcy South S.	32.8	327.8	336.4	3293
2765 >E	Somerset 345kV Voltage	Marcy South N.	50.6	327.8	333.9	3557
2774 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	26.3	320	320.2	2742
2776 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	26.3	320	320.1	2744
2778 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	26.3	320	320.1	2768
2790 >E	Buchanan North 345kV Voltage	Pre-Fault	237.0	NA	346	2790
2797 >E	Oakdale 345kV Voltage	Marcy South S.	26.2	320	319.3	3339
2807 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	30.4	327.8	327.8	2097
2807 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	30.4	327.8	327.8	2066
2807 >E	Fraser 345kV Voltage	Marcy South N.	30.4	327.8	327.8	3603
2807 >E	Fraser 345kV Voltage	Marcy South S.	30.4	327.8	327.8	3350
2807 >E	Fraser 345kV Voltage	SBK Edic R70	30.4	327.8	327.8	2697
2807 >E	Fraser 345kV Voltage	SBK Princetown 345	30.4	327.8	327.8	2626
2807 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	30.4	327.8	327.8	2797
2807 >E	Fraser 345kV Voltage	Ravenswood 3	30.4	327.8	327.8	2901
2807 >E	Fraser 345kV Voltage	Ph2 DC 1500	30.4	327.8	327.8	3095
2807 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	30.4	327.8	327.8	2775
2807 >E	Fraser 345kV Voltage	SBK Edic R945	30.4	327.8	327.8	2097
2807 >E	Fraser 345kV Voltage	Volney-Marcy	30.4	327.8	327.8	2700
2807 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	30.4	327.8	327.8	2775
2814 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	33.5	327.8	334.9	2781
2819 >E	Niagara 230kV East Voltage	Ph2 DC 1500	207.6	218.5	221.3	3106
2819 >E	Niagara 230kV West Voltage	Ph2 DC 1500	207.6	218.5	221.3	3106
2843 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	37.0	327.8	333.8	2123
2843 >E	Coopers Corners 345kV Voltage	SBK Edic R945	37.0	327.8	333.8	2123

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2877 >E	Rock Tavern 345kV Voltage	Pre-Fault	123.3	NA	348	2877
2889 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	39.1	327.8	332.8	2125
2892 >E	Gordon Rd 345kV Voltage	SBK Edic R70	35.1	327.8	332.9	2778
2909 >E	Niagara 230kV East Voltage	Marcy South N.	162.5	218.5	221.0	3715
2909 >E	Niagara 230kV West Voltage	Marcy South N.	162.5	218.5	221.0	3715
2959 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	38.1	327.8	331.2	2176
2968 >E	Coopers Corners 345kV Voltage	Ravenswood 3	41.7	327.8	331.0	3060
2979 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	39.6	327.8	330.7	3254
2984 >E	Somerset 345kV Voltage	SBK Edic R70	67.9	327.8	331.1	2865
2986 >E	Gordon Rd 345kV Voltage	Princeton-N.Scot 345	37.5	327.8	330.6	2975
2992 >E	Somerset 345kV Voltage	Volney-Marcy	65.5	327.8	331.0	2875
3007 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	37.2	327.8	330.1	2974
3013 >E	Gordon Rd 345kV Voltage	Ravenswood 3	38.4	327.8	329.9	3105
3027 >E	Watercure 230kV Voltage	Marcy South N.	46.0	207	218.5	3845
3043 >E	New Scotland 345kV Voltage Alps	Marcy South N.	37.2	327.8	340.2	3863
3043 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	37.2	327.8	340.2	3863
3059 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	43.0	327.8	328.9	2863
3063 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	66.0	327.8	330.1	2286
3065 >E	Somerset 345kV Voltage	SBK Edic R945	66.2	327.8	330.1	2288
3078 >E	Ramapo 500kV Voltage	Ph2 DC 1500	132.4	500	506.6	3346
3090 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	43.7	327.8	328.2	3057
3098 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	43.9	327.8	328.0	3062
3104 >E	Coopers Corners 345kV Voltage	Princeton-N.Scot 345	44.0	327.8	327.9	3093
3116 >E	Somerset 345kV Voltage	Ravenswood 3	79.4	327.8	329.4	3207
3124 >E	Gordon Rd 345kV Voltage	Volney-Marcy	40.9	327.8	327.2	3001
3142 >E	Coopers Corners 345kV Voltage	SBK Edic R70	43.0	327.8	327.0	3016
3145 >E	Ramapo 500kV Voltage	Ravenswood 3	142.2	500	506.2	3236
3156 >E	Coopers Corners 345kV Voltage	Volney-Marcy	45.3	327.8	326.7	3031
3178 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	73.7	327.8	328.6	2335
3188 >E	Pleasant Valley 345kV Voltage	Pre-Fault	195.1	NA	348	3188
3215 >E	Niagara 230kV East Voltage	SBK Edic R70	224.8	218.5	219.8	3085
3215 >E	Niagara 230kV West Voltage	SBK Edic R70	224.8	218.5	219.8	3085
3224 >E	Somerset 345kV Voltage	SBK Princetown 345	77.0	327.8	328.1	3018
3240 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	42.3	327.8	336.6	3496
3240 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	42.3	327.8	336.6	3496
3241 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	48.0	327.8	347.7	1643
3244 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	78.5	327.8	327.8	3206
3244 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	78.6	327.8	327.8	3211
3245 >E	Somerset 345kV Voltage	Princeton-N.Scot 345	78.7	327.8	327.8	3233

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3248 >E	New Scotland 345kV Voltage Alps	Marcy South S.	44.4	327.8	336.4	3817
3248 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	44.4	327.8	336.4	3817
3250 >E	Somerset 345kV Voltage	Marcy South S.	75.3	327.8	327.7	3819
3252 >E	Niagara 230kV East Voltage	Volney-Marcy	217.3	218.5	219.7	3122
3252 >E	Niagara 230kV West Voltage	Volney-Marcy	217.3	218.5	219.7	3122
3273 >E	Watercure 230kV Voltage	Pre-Fault	71.4	NA	215	3273
3301 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	216.6	218.5	219.5	2463
3301 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	216.6	218.5	219.5	2463
3305 >E	Niagara 230kV East Voltage	SBK Edic R945	217.3	218.5	219.5	2466
3305 >E	Niagara 230kV West Voltage	SBK Edic R945	217.3	218.5	219.5	2466
3375 >E	Niagara 230kV East Voltage	Ravenswood 3	266.5	218.5	219.2	3463
3375 >E	Niagara 230kV West Voltage	Ravenswood 3	266.5	218.5	219.2	3463
3413 >E	Gilboa 345kV Voltage	Marcy South S.	51.9	327.8	334.5	3991
3420 >E	Watercure 230kV Voltage	Ph2 DC 1500	61.0	207	212.9	3663
3441 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	241.6	218.5	219.0	2526
3441 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	241.6	218.5	219.0	2526
3475 >E	Buchanan South 345kV Voltage	Pre-Fault	263.7	NA	346	3475
3484 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	47.5	327.8	332.1	3449
3484 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	47.5	327.8	332.1	3449
3511 >E	Watercure 230kV Voltage	Volney-Marcy	61.0	207	211.7	3368
3526 >E	Niagara 230kV East Voltage	SBK Princetown 345	256.0	218.5	218.7	3302
3526 >E	Niagara 230kV West Voltage	SBK Princetown 345	256.0	218.5	218.7	3302
3527 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	60.6	207	211.4	2630
3528 >E	Watercure 230kV Voltage	SBK Edic R945	60.6	207	211.4	2631
3538 >E	Niagara 230kV East Voltage	Marcy South S.	247.7	218.5	218.6	4123
3538 >E	Niagara 230kV West Voltage	Marcy South S.	247.7	218.5	218.6	4123
3564 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	263.1	218.5	218.5	3523
3564 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	263.1	218.5	218.5	3523
3564 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	263.1	218.5	218.5	3529
3564 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	263.1	218.5	218.5	3529
3566 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	50.1	327.8	330.6	3421
3566 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	50.1	327.8	330.6	3421
3567 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	263.7	218.5	218.5	3554
3567 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	263.7	218.5	218.5	3554
3593 >E	Leeds 345kV Voltage	Pre-Fault	110.9	NA	345	3593
3600 >E	Gilboa 345kV Voltage	Ph2 DC 1500	55.5	327.8	331.5	3831
3609 >E	Watercure 230kV Voltage	SBK Edic R70	64.2	207	210.3	3462
3615 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	52.5	327.8	329.7	3701
3615 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	52.5	327.8	329.7	3701

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3630 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	64.8	207	210.0	2663
3632 >E	Gilboa 345kV Voltage	Marcy South N.	55.9	327.8	330.9	4513
3707 >E	New Scotland 345kV Voltage Alps	Princeton-N.Scot 345	54.3	327.8	328.0	3694
3707 >E	New Scotland 345kV Voltage Gilb	Princeton-N.Scot 345	54.3	327.8	328.0	3694
3736 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	58.7	327.8	329.2	3700
3741 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	55.3	327.8	327.4	3698
3741 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	55.3	327.8	327.4	3698
3754 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	156.1	500	503.2	2798
3754 >E	Gilboa 345kV Voltage	SBK Edic R70	59.3	327.8	329.0	3600
3762 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	55.6	327.8	327.0	3605
3762 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	55.6	327.8	327.0	3605
3764 >E	Watercure 230kV Voltage	Ravenswood 3	70.4	207	208.1	3849
3764 >E	Ramapo 500kV Voltage	SBK Edic R945	157.0	500	503.1	2805
3767 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	60.0	327.8	328.8	2807
3767 >E	Gilboa 345kV Voltage	SBK Edic R945	60.0	327.8	328.7	2807
3774 >E	Ramapo 345kV Voltage	Pre-Fault	227.2	NA	346	3774
3777 >E	Gilboa 345kV Voltage	Ravenswood 3	60.3	327.8	328.6	3862
3781 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	159.1	500	503.1	2772
3784 >E	Watercure 230kV Voltage	SBK Princeton 345	69.5	207	207.8	3545
3792 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	61.1	327.8	328.3	2780
3820 >E	Gilboa 345kV Voltage	Princeton-N.Scot 345	61.2	327.8	327.9	3806
3827 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	61.4	327.8	327.8	3783
3833 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	71.0	207	207.2	3790
3834 >E	Gilboa 345kV Voltage	Volney-Marcy	61.6	327.8	327.7	3674
3837 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	71.2	207	207.1	3801
3841 >E	Watercure 230kV Voltage	Princeton-N.Scot 345	71.3	207	207.0	3827
3854 >E	Watercure 230kV Voltage	Marcy South S.	69.8	207	206.9	4458
3882 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	58.6	327.8	324.8	2893
3882 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	58.6	327.8	324.8	2893
3882 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	58.6	327.8	324.8	2892
3882 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	58.6	327.8	324.8	2892
3907 >E	Gilboa 345kV Voltage	SBK Princeton 345	63.3	327.8	326.5	3660
3928 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	61.5	327.8	307.2	2927
3929 >E	Gordon Rd 345kV Voltage	SBK Edic R945	61.6	327.8	307.2	2927
4000 >E	Niagara 345kV Voltage	Pre-Fault	149.6	NA	338	4000
4004 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	63.0	327.8	322.6	2934
4004 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	63.0	327.8	322.6	2934

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4107 >E	Coopers Corners 345kV Voltage	Marcy South N.	71.7	327.8	305.1	5037
4132 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	63.8	327.8	320.2	3871
4132 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	63.8	327.8	320.2	3871
4142 >E	Ramapo 500kV Voltage	Marcy South N.	182.8	500	501.3	5076
4149 >E	Niagara 345kV Voltage	Marcy South N.	92.8	327.8	337.0	5084
4170 >E	Gardenville 230kV Voltage	Pre-Fault	179.8	NA	217	4170
4190 >E	Roseton 345kV Voltage	Pre-Fault	193.7	NA	345	4190
4237 >E	Ramapo 500kV Voltage	SBK Edic R70	188.3	500	500.8	4060
4247 >E	Ramapo 500kV Voltage	Volney-Marcy	190.3	500	500.7	4066
4306 >E	Ramapo 345kV Voltage	SBK Marcy R3108	91.3	327.8	346.6	1817
4309 >E	Ramapo 500kV Voltage	SBK Princetown 345	194.5	500	500.4	4037
4320 >E	Ladentown 345kV Voltage	Pre-Fault	260.1	NA	346	4320
4337 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	110.4	327.8	342.4	1822
4338 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	196.2	500	500.3	4300
4344 >E	Gardenville 230kV Voltage	Marcy South N.	112.0	207	216.0	5299
4371 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	198.3	500	500.1	4321
4389 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	199.5	500	500.0	4373
4392 >E	Ramapo 500kV Voltage	Pre-Fault	199.6	NA	500	4392
4412 >E	Niagara 345kV Voltage	Ph2 DC 1500	120.5	327.8	335.2	4584
4529 >E	Rock Tavern 345kV Voltage	Ravenswood 3	101.6	327.8	334.6	4608
4568 >E	Ramapo 500kV Voltage	Marcy South S.	227.6	500	499.1	5213
4698 >E	Buchanan North 345kV Voltage	Ravenswood 3	157.4	327.8	337.9	4775
4728 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	102.5	327.8	333.0	3519
4729 >E	Rock Tavern 345kV Voltage	SBK Edic R945	102.5	327.8	333.0	3519
4803 >E	Leeds 345kV Voltage	Marcy South S.	91.3	327.8	334.1	5461
4851 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	107.0	327.8	332.0	3548
4866 >E	Niagara 345kV Voltage	Volney-Marcy	123.2	327.8	332.2	4652
4899 >E	Niagara 345kV Voltage	SBK Edic R70	127.9	327.8	332.0	4692
4903 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	105.2	327.8	331.6	5040
4934 >E	Sprain Brook 345kV Voltage	Ravenswood 3	211.7	327.8	337.7	5009
4941 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	123.7	327.8	331.7	3677
4951 >E	Niagara 345kV Voltage	SBK Edic R945	124.1	327.8	331.6	3683
4952 >E	Dunwoodie 345kV Voltage	Ravenswood 3	214.6	327.8	337.7	5027
4978 >E	Ladentown 345kV Voltage	SBK Marcy R3108	111.8	327.8	347.0	1927
4987 >E	Gardenville 230kV Voltage	Ph2 DC 1500	145.0	207	212.5	5118
5134 >E	Roseton 345kV Voltage	SBK Marcy R3108	110.1	327.8	345.9	1953
5150 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	144.6	207	211.5	3832
5159 >E	Gardenville 230kV Voltage	SBK Edic R945	145.0	207	211.5	3837
5167 >E	Millwood 345kV Voltage	Ravenswood 3	183.8	327.8	338.2	5240
5247 >E	Gardenville 230kV Voltage	Volney-Marcy	149.6	207	211.0	5014

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Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5264 >E	Bowline 1 345kV Voltage	Pre-Fault	287.1	NA	345	5264
5265 >E	Buchanan South 345kV Voltage	Ravenswood 3	169.2	327.8	339.2	5337
5275 >E	Gardenville 230kV Voltage	SBK Edic R70	153.0	207	210.9	5051
5283 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	138.5	327.8	329.4	3861
5302 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	121.3	327.8	328.3	4971
5309 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	121.4	327.8	328.3	5266
5324 >E	Ramapo 345kV Voltage	Ravenswood 3	146.3	327.8	339.2	5396
5349 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	122.7	327.8	328.0	5288
5359 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	123.0	327.8	327.9	5339
5370 >E	Niagara 345kV Voltage	Ravenswood 3	151.8	327.8	328.8	5441
5380 >E	Bowline 2 345kV Voltage	Pre-Fault	286.1	NA	345	5380
5400 >E	Rock Tavern 345kV Voltage	SBK Edic R70	122.0	327.8	327.5	5170
5413 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	142.8	327.8	343.2	1998
5420 >E	Niagara 345kV Voltage	Marcy South S.	141.7	327.8	328.5	6114
5440 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	122.3	327.8	348.1	2003
5445 >E	Niagara 345kV Voltage	SBK Princetown 345	145.8	327.8	328.3	5105
5448 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	158.4	207	209.9	3981
5487 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	122.0	327.8	348.4	2010
5499 >E	Leeds 345kV Voltage	Marcy South N.	110.8	327.8	327.8	6574
5499 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	110.8	327.8	327.8	5479
5499 >E	Leeds 345kV Voltage	Ravenswood 3	110.8	327.8	327.8	5569
5499 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	110.8	327.8	327.8	5456
5500 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	110.9	327.8	327.8	4091
5500 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	110.9	327.8	327.8	4019
5500 >E	Leeds 345kV Voltage	SBK Edic R945	110.9	327.8	327.8	4090
5500 >E	Leeds 345kV Voltage	Volney-Marcy	110.9	327.8	327.8	5254
5500 >E	Leeds 345kV Voltage	SBK Edic R70	110.9	327.8	327.8	5266
5500 >E	Leeds 345kV Voltage	SBK Princetown 345	110.9	327.8	327.8	5157
5500 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	110.9	327.8	327.8	5438
5500 >E	Leeds 345kV Voltage	Ph2 DC 1500	110.9	327.8	327.8	5594
5519 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	149.2	327.8	327.8	5456
5521 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	149.3	327.8	327.8	5478
5523 >E	Rock Tavern 345kV Voltage	Volney-Marcy	127.9	327.8	326.5	5276
5526 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	149.6	327.8	327.8	5506
5535 >E	Ladentown 345kV Voltage	Ravenswood 3	149.9	327.8	341.3	5605
5558 >E	Gardenville 230kV Voltage	Marcy South S.	162.5	207	209.3	6260
5625 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	136.2	327.8	343.4	2033
5753 >E	Bowline 1 345kV Voltage	Ravenswood 3	149.2	327.8	343.3	5821

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Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5755 >E	Gardenville 230kV Voltage	SBK Princetown 345	170.7	207	208.2	5397
5826 >E	Bowline 2 345kV Voltage	Ravenswood 3	149.2	327.8	343.4	5893
5830 >E	Millwood 345kV Voltage	SBK Marcy R3108	169.9	327.8	341.0	2066
5835 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	179.1	327.8	333.1	5905
5848 >E	Gardenville 230kV Voltage	Ravenswood 3	179.2	207	207.7	5916
5951 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	179.1	207	207.1	5884
5952 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	179.2	207	207.1	5907
5965 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	179.7	207	207.0	5943
6001 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	168.4	327.8	333.6	6067
6029 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	147.3	327.8	333.4	6085
6210 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	196.8	327.8	331.6	4616
6216 >E	Buchanan North 345kV Voltage	SBK Edic R945	197.1	327.8	331.5	4619
6310 >E	Roseton 345kV Voltage	Ravenswood 3	163.8	327.8	334.1	6373
6314 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	216.7	327.8	338.3	2145
6369 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	204.1	327.8	330.9	4649
6425 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	222.8	327.8	338.2	2164
6452 >E	Pleasant Valley 345kV Voltage	Marcy South S.	183.6	327.8	331.3	7205
6491 >E	Ramapo 345kV Voltage	Ph2 DC 1500	174.5	327.8	334.0	6514
6620 >E	Millwood 345kV Voltage	Ph2 DC 1500	200.7	327.8	332.9	6634
6626 >E	Roseton 345kV Voltage	Ph2 DC 1500	158.9	327.8	332.4	6639
6635 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	180.3	327.8	333.4	4931
6641 >E	Ramapo 345kV Voltage	SBK Edic R945	180.5	327.8	333.4	4934
6687 >E	Pleasant Valley 345kV Voltage	Marcy South N.	183.0	327.8	330.1	7885
6703 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	232.0	327.8	332.0	6711
6738 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	234.3	327.8	332.0	6743
6758 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	195.8	327.8	333.6	6762
6821 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	187.4	327.8	332.6	4976
6843 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	184.5	327.8	329.3	6794
6961 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	230.6	327.8	328.4	6912
7063 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	191.2	327.8	328.1	6756
7084 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	236.1	327.8	327.9	7058
7085 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	236.1	327.8	327.9	7004
7086 >E	Buchanan North 345kV Voltage	SBK Edic R70	233.4	327.8	327.9	6778
7105 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	178.5	327.8	330.0	5279
7105 >E	Roseton 345kV Voltage	SBK Edic R945	178.5	327.8	330.0	5278
7107 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	194.2	327.8	327.9	7081
7136 >E	Buchanan North 345kV Voltage	SBK Princetown 345	237.8	327.8	327.7	6693
7158 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	196.0	327.8	327.7	7077

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7300 >E	Rock Tavern 345kV Voltage	Marcy South N.	181.8	327.8	312.1	8562
7311 >E	Buchanan North 345kV Voltage	Volney-Marcy	245.0	327.8	326.9	6971
7313 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	185.6	327.8	328.9	5333
7326 >E	Ladentown 345kV Voltage	Ph2 DC 1500	197.1	327.8	334.4	7289
7375 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	188.5	327.8	328.6	7324
7431 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	204.9	327.8	326.3	7085
7440 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	202.1	327.8	326.2	5527
7444 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	202.2	327.8	326.2	5528
7506 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	193.1	327.8	327.9	7478
7515 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	193.4	327.8	327.8	7430
7516 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	230.6	327.8	330.7	5584
7517 >E	Roseton 345kV Voltage	SBK Edic R70	191.7	327.8	327.8	7190
7526 >E	Buchanan South 345kV Voltage	SBK Edic R945	231.0	327.8	330.6	5589
7531 >E	Leeds 345kV Voltage	SBK Marcy R3108	173.2	327.8	327.8	2344
7548 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	208.1	327.8	325.6	7081
7574 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	248.7	327.8	329.4	5626
7579 >E	Millwood 345kV Voltage	SBK Edic R945	248.9	327.8	329.3	5628
7624 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	373.2	218.5	225.3	7565
7627 >E	Roseton 345kV Voltage	SBK Princetown 345	196.4	327.8	327.3	7155
7653 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	288.3	327.8	329.0	5685
7656 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	209.9	327.8	333.2	5687
7665 >E	Sprain Brook 345kV Voltage	SBK Edic R945	288.9	327.8	328.9	5692
7665 >E	Ladentown 345kV Voltage	SBK Edic R945	210.2	327.8	333.1	5692
7713 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	292.4	327.8	328.9	5729
7715 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	212.0	327.8	324.8	5625
7719 >E	Dunwoodie 345kV Voltage	SBK Edic R945	292.7	327.8	328.9	5732
7747 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	259.9	327.8	328.7	7694
7769 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	240.8	327.8	329.7	5663
7780 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	222.5	327.8	328.4	7727
7784 >E	Roseton 345kV Voltage	Volney-Marcy	201.6	327.8	326.4	7420
7786 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	299.3	327.8	328.5	7733
7819 >E	St.Lawrence 230kV Voltage	Pre-Fault	626.1	NA	225	7819
7820 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	302.4	327.8	328.5	7767
7846 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	260.4	327.8	328.3	5720
7871 >E	Ramapo 345kV Voltage	SBK Princetown 345	225.7	327.8	328.0	7384
7876 >E	Ramapo 345kV Voltage	SBK Edic R70	223.6	327.8	327.9	7532
7883 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	218.1	327.8	332.3	5746
7888 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	226.5	327.8	327.9	7799
7899 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	226.9	327.8	327.8	7870

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7936 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	302.1	327.8	328.1	5784
7970 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	269.9	327.8	327.9	7941
7994 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	310.1	327.8	327.9	7964
7996 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	306.2	327.8	328.0	5828
7999 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	271.0	327.8	327.8	7908
8002 >E	Millwood 345kV Voltage	SBK Edic R70	268.3	327.8	327.8	7652
8027 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	311.6	327.8	327.8	7936
8031 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	313.4	327.8	327.9	8001
8050 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	254.4	327.8	328.7	7996
8056 >E	Sprain Brook 345kV Voltage	SBK Edic R70	309.4	327.8	327.7	7703
8058 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	314.5	327.8	327.8	7967
8094 >E	Dunwoodie 345kV Voltage	SBK Edic R70	312.7	327.8	327.7	7739
8122 >E	Ramapo 345kV Voltage	Volney-Marcy	234.3	327.8	326.9	7740
8153 >E	Buchanan North 345kV Voltage	Marcy South N.	276.9	327.8	323.4	9504
8207 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	217.9	327.8	334.7	8106
8242 >E	St.Lawrence 230kV Voltage	Marcy South N.	388.5	218.5	224.3	9601
8251 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	262.7	327.8	327.9	8220
8254 >E	Buchanan South 345kV Voltage	SBK Edic R70	260.1	327.8	327.9	7892
8259 >E	Millwood 345kV Voltage	SBK Princetown 345	280.4	327.8	326.8	7749
8266 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	263.2	327.8	327.8	8172
8268 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	216.7	327.8	334.9	8163
8293 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	322.6	327.8	326.9	7780
8336 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	326.1	327.8	326.9	7821
8408 >E	Millwood 345kV Voltage	Volney-Marcy	287.1	327.8	326.3	8011
8442 >E	Buchanan South 345kV Voltage	SBK Princetown 345	269.1	327.8	327.2	7920
8477 >E	Sprain Brook 345kV Voltage	Volney-Marcy	331.8	327.8	326.3	8077
8519 >E	Roseton 345kV Voltage	Marcy South N.	226.5	327.8	322.7	9907
8523 >E	Dunwoodie 345kV Voltage	Volney-Marcy	335.6	327.8	326.3	8120
8541 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	230.2	327.8	333.6	6343
8558 >E	Bowline 1 345kV Voltage	SBK Edic R945	230.8	327.8	333.5	6353
8623 >E	Buchanan South 345kV Voltage	Volney-Marcy	276.3	327.8	326.5	8216
8632 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	229.8	327.8	333.6	6410
8638 >E	Bowline 2 345kV Voltage	SBK Edic R945	230.0	327.8	333.6	6412
8694 >E	Millwood 345kV Voltage	Marcy South N.	300.7	327.8	325.2	10101
8792 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	238.9	327.8	332.7	6405
8874 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	253.7	327.8	328.5	8817
8892 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	238.7	327.8	332.7	6478

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
8958 >E	Sprain Brook 345kV Voltage	Marcy South N.	356.2	327.8	324.8	10392
8991 >E	Dunwoodie 345kV Voltage	Marcy South N.	359.6	327.8	324.8	10428
9000 >E	Ladentown 345kV Voltage	SBK Edic R70	255.9	327.8	328.0	8603
9019 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	258.9	327.8	327.9	8918
9026 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	259.1	327.8	327.9	8993
9058 >E	Ladentown 345kV Voltage	SBK Princetown 345	259.9	327.8	327.8	8499
9178 >E	Buchanan South 345kV Voltage	Marcy South N.	297.7	327.8	324.4	10635
9316 >E	Ladentown 345kV Voltage	Volney-Marcy	268.5	327.8	326.8	8872
9364 >E	Ramapo 345kV Voltage	Marcy South N.	274.1	327.8	321.4	10840
9840 >E	Roseton 345kV Voltage	Marcy South S.	276.9	327.8	315.8	10790
9861 >E	Millwood 345kV Voltage	Marcy South S.	360.1	327.8	320.9	10812
10005 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	280.4	327.8	328.5	9943
10071 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	278.4	327.8	328.6	10008
10157 >E	Bowline 1 345kV Voltage	SBK Edic R70	283.4	327.8	328.0	9707
10166 >E	Sprain Brook 345kV Voltage	Marcy South S.	425.1	327.8	320.9	11135
10171 >E	Dunwoodie 345kV Voltage	Marcy South S.	427.8	327.8	321.1	11140
10183 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	286.4	327.8	327.9	10068
10200 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	287.1	327.8	327.8	10162
10213 >E	Bowline 2 345kV Voltage	SBK Edic R70	281.0	327.8	328.1	9761
10216 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	512.7	218.5	221.2	7582
10224 >E	St.Lawrence 230kV Voltage	SBK Edic R945	513.2	218.5	221.2	7586
10229 >E	Bowline 1 345kV Voltage	SBK Princetown 345	287.7	327.8	327.7	9599
10266 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	284.9	327.8	327.9	10150
10283 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	285.5	327.8	327.9	10245
10312 >E	Bowline 2 345kV Voltage	SBK Princetown 345	286.1	327.8	327.8	9678
10461	St.Lawrence 230kV Voltage	Volney-Marcy	543.1	218.5	220.8	9959

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Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
10463	Ladentown 345kV Voltage	Marcy South N.	304.8	327.8	322.4	12053
>E						
10509	Bowline 1 345kV Voltage	Volney-Marcy	296.7	327.8	326.7	10004
>E						
10603	Bowline 2 345kV Voltage	Volney-Marcy	295.3	327.8	326.7	10093
>E						
11047	Buchanan North 345kV Voltage	Marcy South S.	400.8	327.8	311.2	12067
>E						
11186	Buchanan South 345kV Voltage	Marcy South S.	383.4	327.8	316.8	12214
>E						
11592	St.Lawrence 230kV Voltage	Ravenswood 3	617.4	218.5	219.0	11609
>E						
11772	Bowline 1 345kV Voltage	Marcy South N.	335.1	327.8	322.3	13497
>E						
11872	Bowline 2 345kV Voltage	Marcy South N.	333.5	327.8	322.3	13608
>E						
11879	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	625.4	218.5	218.5	11835
>E						
11895	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	626.1	218.5	218.5	11761
>E						
11896	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	626.1	218.5	218.5	11826
>E						
11992	St.Lawrence 230kV Voltage	SBK Princetown 345	630.6	218.5	218.3	11256
>E						
12216	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	638.9	218.5	218.0	8888
>E						
12461	St.Lawrence 230kV Voltage	Marcy South S.	651.4	218.5	217.6	13563
>E						
13841	Rainey 345kV Voltage	Ravenswood 3	540.9	327.8	343.1	13839
>E						
13956	St.Lawrence 230kV Voltage	SBK Edic R70	766.9	218.5	215.2	13330
>E						
14355	Ramapo 345kV Voltage	Marcy South S.	450.3	327.8	299.4	15566
>E						
14453	Farragut 345kV Voltage	Ravenswood 3	568.6	327.8	342.3	14445
>E						
15030	Ladentown 345kV Voltage	Marcy South S.	463.6	327.8	304.8	16280
>E						
15589	Rock Tavern 345kV Voltage	Marcy South S.	445.7	327.8	244.9	16872
>E						

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
17142 >E	Bowline 1 345kV Voltage	Marcy South S.	513.7	327.8	303.6	18514
17253 >E	Bowline 2 345kV Voltage	Marcy South S.	509.8	327.8	303.5	18631
18810 >E	Farragut 345kV Voltage	Pre-Fault	1011.8	NA	338	18810
18812 >E	Rainey 345kV Voltage	Pre-Fault	978.3	NA	338	18812
19691 >E	Goethals 345kV Voltage	Ravenswood 3	778.1	327.8	341.7	19637
19783 >E	Coopers Corners 345kV Voltage	Marcy South S.	512.7	327.8	-50.5	21308
20446 >E	Rainey 345kV Voltage	Ph2 DC 1500	666.9	327.8	336.3	19466
20519 >E	Farragut 345kV Voltage	Ph2 DC 1500	684.1	327.8	336.3	19533
20806 >E	Rainey 345kV Voltage	SBK Marcy R3108	681.9	327.8	343.0	4515
20831 >E	Farragut 345kV Voltage	SBK Marcy R3108	697.5	327.8	342.8	4519
24890 >E	Goethals 345kV Voltage	Pre-Fault	1423.0	NA	338	24890
25416 >E	Goethals 345kV Voltage	Ph2 DC 1500	884.1	327.8	337.6	24078
26706 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	899.0	327.8	329.9	19792
26706 >E	Rainey 345kV Voltage	SBK Edic R945	899.0	327.8	329.9	19784
26863 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	924.0	327.8	330.0	19908
26949 >E	Farragut 345kV Voltage	SBK Edic R945	927.2	327.8	330.0	19964
27753 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	940.3	327.8	328.9	27616
27765 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	937.0	327.8	328.8	20162
28045 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	971.2	327.8	328.9	27907
28052 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	967.7	327.8	328.9	20370
28070	Goethals 345kV Voltage	SBK Marcy R3108	986.0	327.8	342.8	5703

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Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
28579	Rainey 345kV Voltage	SBK Edic R70	967.7	327.8	328.0	27278
>E						
28694	Rainey 345kV Voltage	Princetown-N.Scot 345	974.8	327.8	327.9	28585
>E						
28699	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	974.8	327.8	327.9	28377
>E						
29007	Farragut 345kV Voltage	SBK Edic R70	1004.2	327.8	327.9	27686
>E						
29029	Farragut 345kV Voltage	Princetown-N.Scot 345	1008.0	327.8	327.9	28919
>E						
29034	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	1008.0	327.8	327.9	28708
>E						
29770	Rainey 345kV Voltage	SBK Princetown 345	1011.8	327.8	326.8	27958
>E						
30045	Farragut 345kV Voltage	SBK Princetown 345	1043.6	327.8	326.9	28215
>E						
30534	Rainey 345kV Voltage	Volney-Marcy	1039.5	327.8	326.0	28994
>E						
30841	Farragut 345kV Voltage	Volney-Marcy	1073.0	327.8	326.1	29284
>E						
32447	Rainey 345kV Voltage	Marcy South N.	1108.8	327.8	324.1	36317
>E						
32708	Farragut 345kV Voltage	Marcy South N.	1142.1	327.8	324.3	36605
>E						
36055	Goethals 345kV Voltage	Edic-Gordon Rd. 345	1291.8	327.8	330.2	26714
>E						
36055	Goethals 345kV Voltage	SBK Edic R945	1291.8	327.8	330.2	26702
>E						
37626	Goethals 345kV Voltage	Marcy-N.Scot99 345	1350.8	327.8	329.0	27312
>E						
37691	Goethals 345kV Voltage	N.Scot-Leeds 345	1357.7	327.8	329.0	37513
>E						
38042	Rainey 345kV Voltage	Marcy South S.	1317.4	327.8	318.3	40623
>E						
38374	Farragut 345kV Voltage	Marcy South S.	1357.7	327.8	318.7	40974
>E						
39098	Goethals 345kV Voltage	SBK Edic R70	1408.0	327.8	328.0	37311
>E						
39207	Goethals 345kV Voltage	Princetown-N.Scot 345	1415.5	327.8	327.9	39058
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

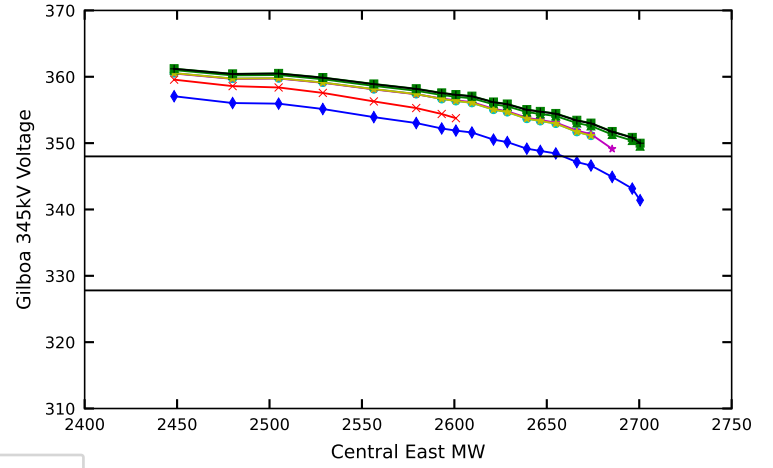
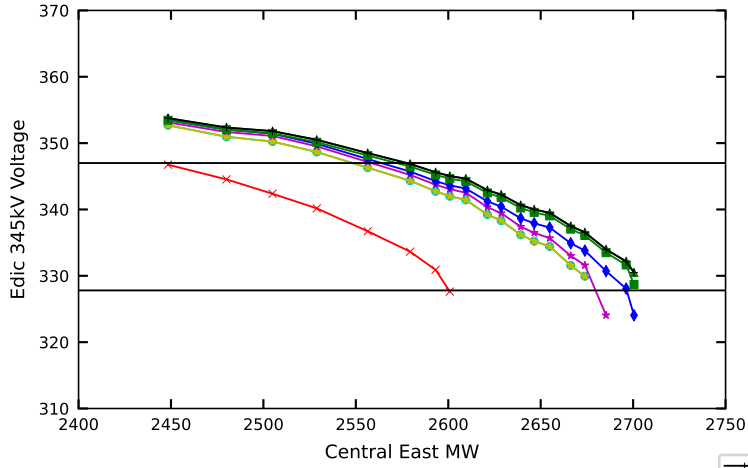
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\00\MSU1_OS\Sum2023_CEVC_PH2_00_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE1770 MS770 DE2020 00 MSU1_OS

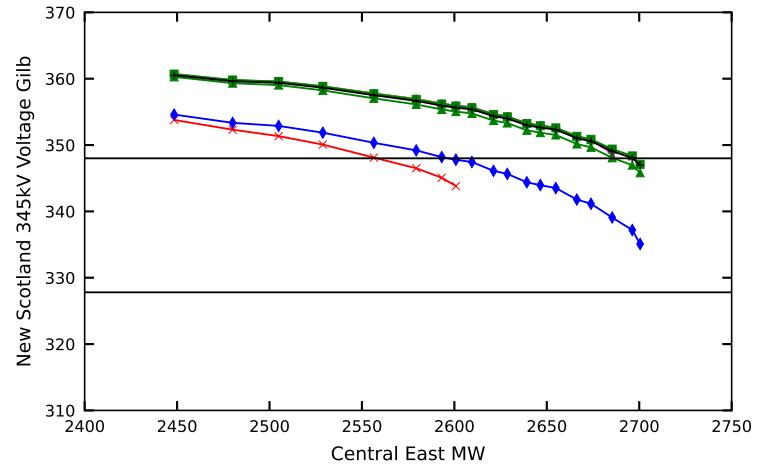
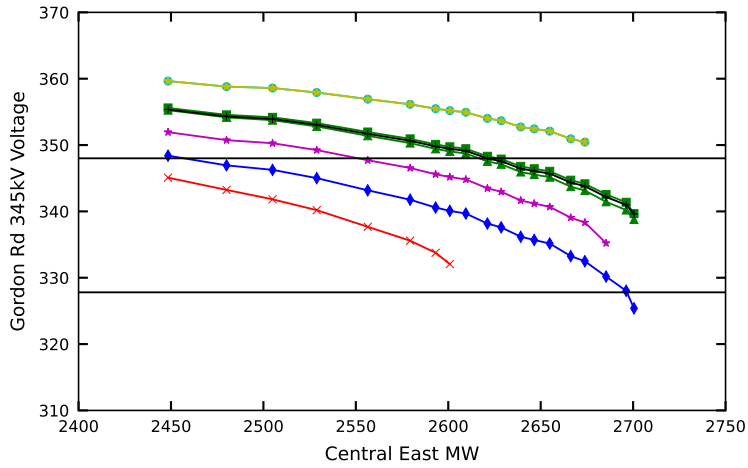
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
39412	Goethals 345kV Voltage	361-362 Dlb Ckt Twr	1423.0	327.8	327.8	38969
>E		345				
40928	Goethals 345kV Voltage	SBK Princetown 345	1478.4	327.8	326.7	38440
>E						
41819	Goethals 345kV Voltage	Volney-Marcy	1512.0	327.8	326.1	39695
>E						
44748	Goethals 345kV Voltage	Marcy South N.	1622.6	327.8	324.0	49893
>E						
52298	Goethals 345kV Voltage	Marcy South S.	1914.4	327.8	318.7	55704
>E						
53796	Northport 138kV Voltage	Ph2 DC 1500	4062.7	131.1	139.7	50417
>E						
99999	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99999
>E						
99999	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	361-362 Dlb Ckt Twr	NA	131.1	NA	99999
>E		345				
99999	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

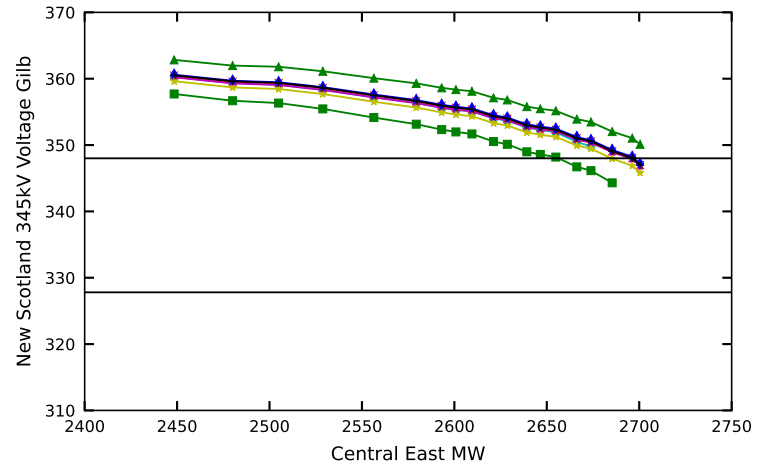
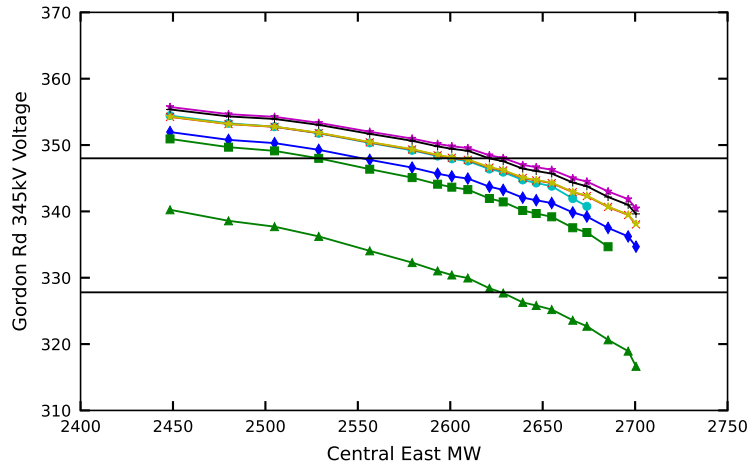
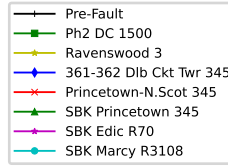
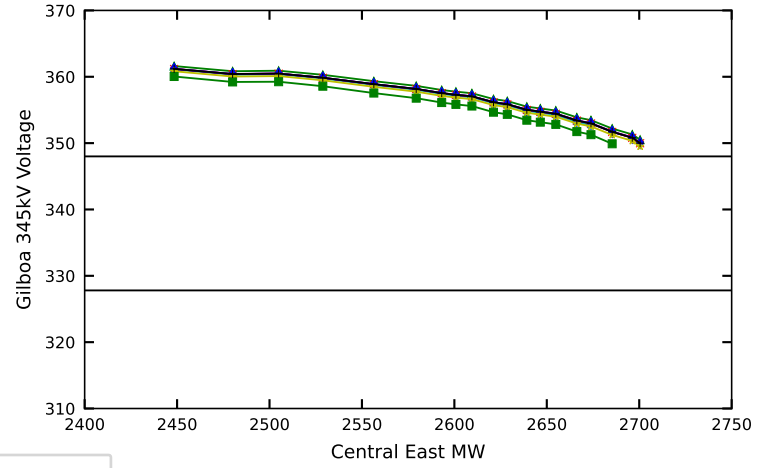
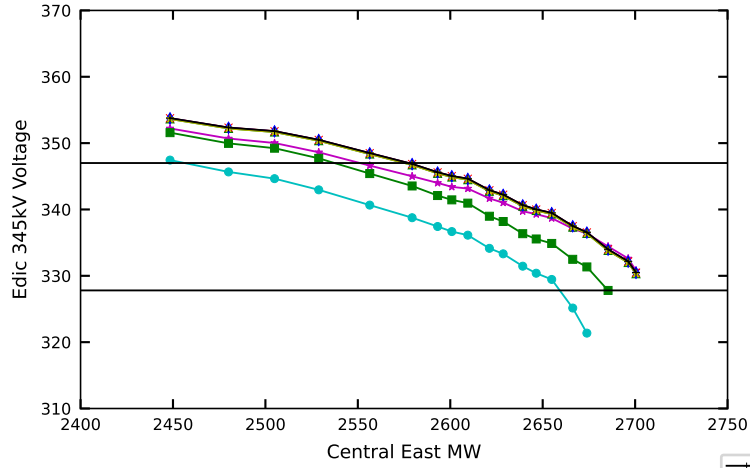
1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A Figure 1



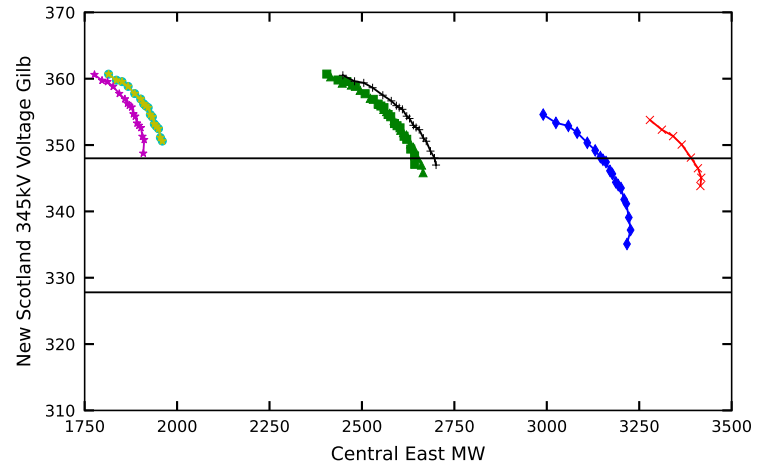
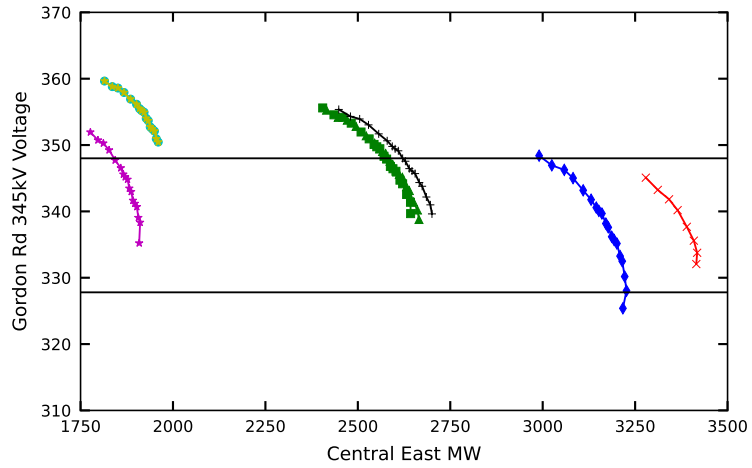
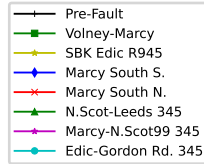
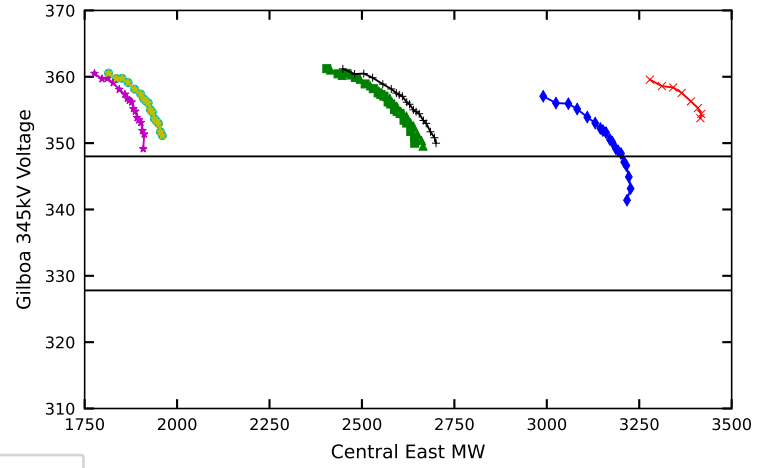
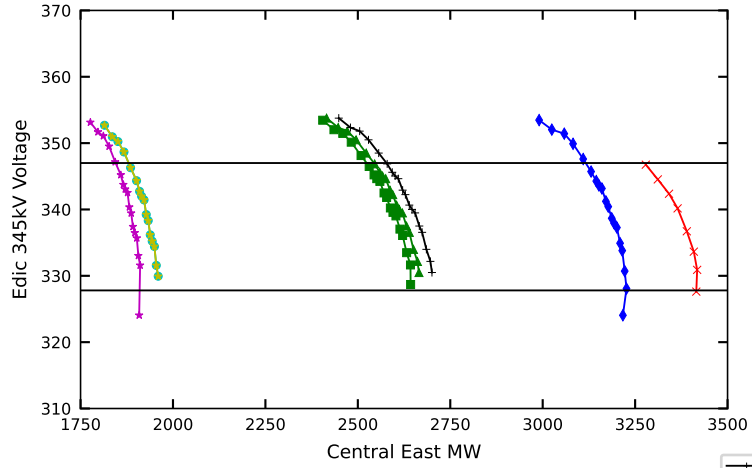
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



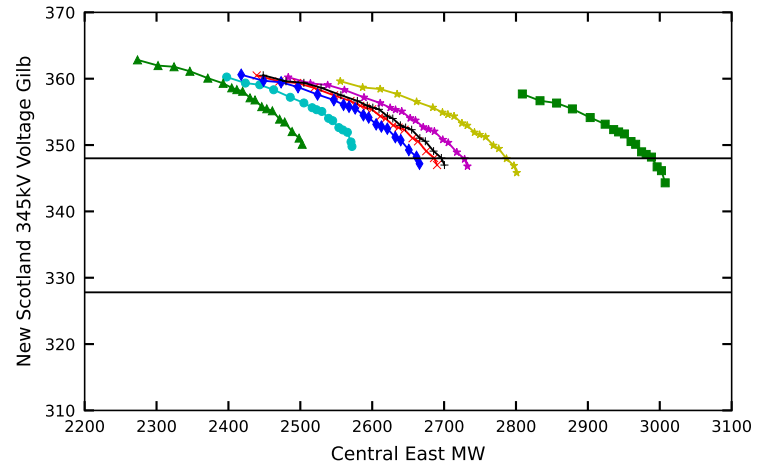
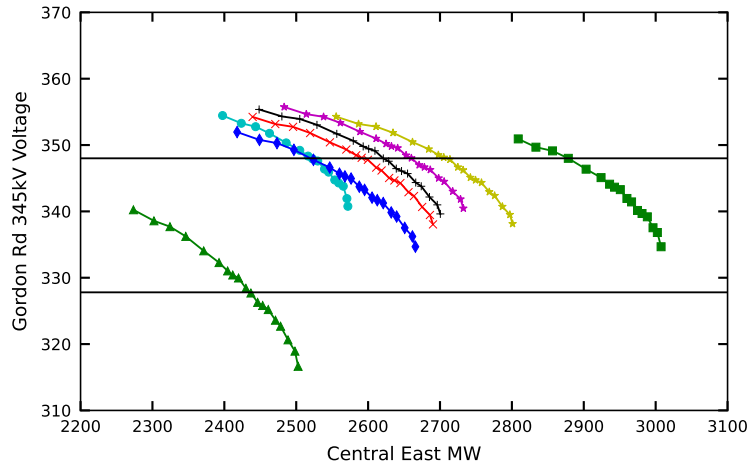
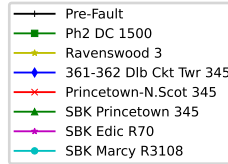
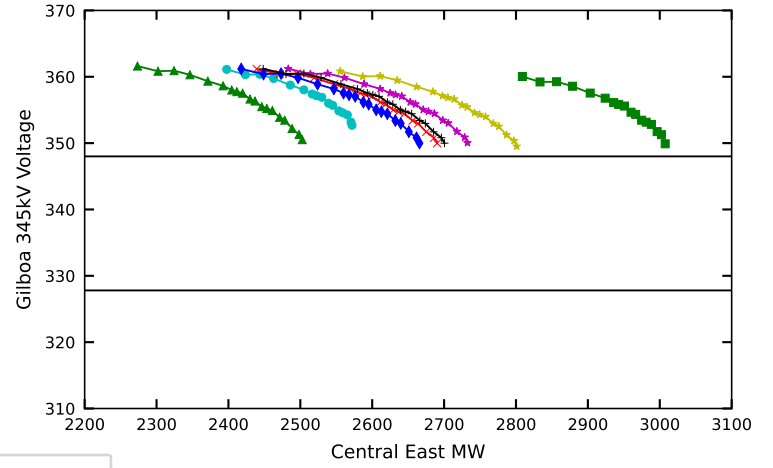
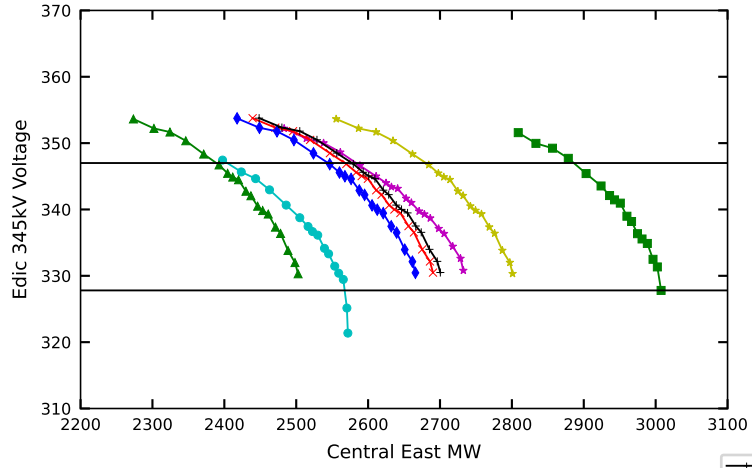
1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A Figure 2



1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A Figure 1



1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A Figure 2



Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\0A\Sum2023_CEVC_PH2_10_0A.xlsx

1: 2023S CEVC PH2 CE2500 MS2270 DE1300 1O 0A

Interface: Central East

Transfer		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2448	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2480	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2504	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2528	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2556	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2579	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2593	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2600	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2609	t9	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2621	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2628	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2639	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2646	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2654	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2666	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2673	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2685	t1	0	2	0	0	2	0	2	0	2	0	0	0	0	0	0
	7															
2696	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	8															
2700	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	9															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\0A\Sum2023_CEVC_PH2_10_0A.xlsx

1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17	t18	t19
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\0A\Sum2023_CEVC_PH2_10_0A.xlsx

1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2312 <E	Dunwoodie 345kV Voltage	Pre-Fault	118.0	NA	348	2312
2328 <E	Sprain Brook 345kV Voltage	Pre-Fault	114.5	NA	348	2328
2463	limit with 5% margin	Marcy South N.	NA	NA	NA	3246
2540	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1862
2540	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1815
2540	limit with 5% margin	SBK Edic R945	NA	NA	NA	1862
2540	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2443
2551	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2857
2561	limit with 5% margin	Marcy South S.	NA	NA	NA	3065
2565	Marcy 345kV Voltage	Pre-Fault	14.0	NA	348	2565
2565	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2532
2565	limit with 5% margin	Volney-Marcy	NA	NA	NA	2510
2565	limit with 5% margin	SBK Edic R70	NA	NA	NA	2595
2565	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2377
2565	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2555
2565	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2532
2565	limit with 5% margin	Ravenswood 3	NA	NA	NA	2660
2577	Edic 345kV Voltage	Pre-Fault	14.1	NA	347	2577
2593	Pannell Road 345kV Voltage	Pre-Fault	21.8	NA	346	2593
2596	Station 80 345kV Voltage	Pre-Fault	19.3	NA	346	2596
2596	Clay 345kV Voltage	Pre-Fault	14.4	NA	345	2596
2608 >E	Edic 345kV Voltage	Marcy South N.	5.0	327.8	344.2	3427
2609 >E	Clay 345kV Voltage	Marcy South N.	5.8	327.8	344.1	3428
2610 >E	Marcy 345kV Voltage	Marcy South N.	5.0	327.8	344.1	3429
2620	Millwood 345kV Voltage	Pre-Fault	17.2	NA	348	2620
2620	Gordon Rd 345kV Voltage	Pre-Fault	10.2	NA	348	2620
2627	Gordon Rd 345kV Voltage	SBK Princetown 345	10.5	327.8	347.6	2435
2638 >E	Gordon Rd 345kV Voltage	Marcy South N.	7.6	327.8	347.0	3447
2659	Edic 345kV Voltage	SBK Marcy R3108	2.6	327.8	338.7	2567
2661	Clay 345kV Voltage	SBK Marcy R3108	2.4	327.8	339.0	2568
2679 >E	Pannell Road 345kV Voltage	Marcy South N.	9.7	327.8	342.4	3474
2680	Buchanan North 345kV Voltage	Pre-Fault	26.9	NA	346	2680
2682 >E	Marcy 345kV Voltage	SBK Edic R945	4.7	327.8	335.5	1966
2683 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.7	327.8	335.5	1966
2683 >E	Edic 345kV Voltage	SBK Edic R945	4.7	327.8	335.3	1966
2683 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.7	327.8	335.3	1966
2684 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	2.8	327.8	339.7	2573
2685	Edic 345kV Voltage	Ph2 DC 1500	3.2	327.8	334.0	3007
2686 >E	Marcy 345kV Voltage	Ph2 DC 1500	3.2	327.8	333.8	3007
2686 >E	Oakdale 345kV Voltage	Marcy South N.	6.9	320	344.8	3478

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\0A\Sum2023_CEVC_PH2_10_0A.xlsx

1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2691 >E	Clay 345kV Voltage	SBK Edic R945	5.1	327.8	335.6	1971
2691 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	5.1	327.8	335.6	1971
2694 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	5.3	327.8	334.0	1923
2695 >E	Clay 345kV Voltage	Ph2 DC 1500	3.8	327.8	333.7	3012
2696 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.4	327.8	339.7	2575
2696	New Scotland 345kV Voltage Alps	Pre-Fault	4.0	NA	348	2696
2696	New Scotland 345kV Voltage Gilb	Pre-Fault	4.0	NA	348	2696
2697 >E	Edic 345kV Voltage	Marcy South S.	4.1	327.8	332.0	3227
2697 >E	Gordon Rd 345kV Voltage	Marcy South S.	5.1	327.8	340.9	3227
2698	Clay 345kV Voltage	Volney-Marcy	1.2	327.8	332.9	2642
2698 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.3	327.8	333.5	1926
2698 >E	Marcy 345kV Voltage	Marcy South S.	4.1	327.8	331.8	3227
2701 >E	Edic 345kV Voltage	Volney-Marcy	1.4	327.8	330.0	2642
2702 >E	Pleasant Valley 345kV Voltage	Pre-Fault	10.6	NA	348	2702
2702 >E	Marcy 345kV Voltage	Volney-Marcy	1.5	327.8	329.7	2642
2702 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	6.0	327.8	334.4	1929
2704 >E	Oakdale 345kV Voltage	Pre-Fault	2.4	NA	335	2704
2706 >E	Edic 345kV Voltage	SBK Princetown 345	2.5	327.8	328.0	2509
2706 >E	Edic 345kV Voltage	Ravenswood 3	2.5	327.8	328.0	2806
2707 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.5	327.8	327.8	2672
2707 >E	Edic 345kV Voltage	Princetown-N.Scot 345	2.5	327.8	327.8	2696
2707 >E	Edic 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	327.8	2672
2707 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	327.8	2672
2707 >E	Marcy 345kV Voltage	SBK Edic R70	2.5	327.8	327.8	2738
2707 >E	Marcy 345kV Voltage	SBK Princetown 345	2.5	327.8	327.8	2509
2707 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	2.5	327.8	327.8	2697
2707 >E	Marcy 345kV Voltage	Ravenswood 3	2.5	327.8	327.8	2807
2707 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	2.5	327.8	327.8	2672
2707 >E	Edic 345kV Voltage	SBK Edic R70	2.3	327.8	327.7	2738
2707 >E	Clay 345kV Voltage	Marcy South S.	4.4	327.8	332.0	3231
2710 >E	Clay 345kV Voltage	SBK Princetown 345	2.5	327.8	328.4	2512
2710 >E	Clay 345kV Voltage	Ravenswood 3	2.6	327.8	328.2	2810
2710 >E	Gilboa 345kV Voltage	Pre-Fault	5.2	NA	348	2710
2710 >E	Clay 345kV Voltage	SBK Edic R70	2.5	327.8	328.2	2742
2711 >E	Pannell Road 345kV Voltage	Volney-Marcy	1.8	327.8	334.0	2643
2711 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	2.6	327.8	327.9	2676
2711 >E	Clay 345kV Voltage	N.Scot-Leeds 345	2.6	327.8	327.9	2676
2711 >E	Clay 345kV Voltage	Princetown-N.Scot 345	2.6	327.8	327.8	2701

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2714 >E	Station 80 345kV Voltage	Marcy South N.	11.3	327.8	341.6	3497
2715 >E	Rock Tavern 345kV Voltage	Pre-Fault	9.2	NA	348	2715
2717 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.0	320	337.1	2579
2717 >E	Fraser 345kV Voltage	Pre-Fault	3.2	NA	338	2717
2718 >E	Station 80 345kV Voltage	Volney-Marcy	2.1	327.8	334.3	2644
2719 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	2.8	327.8	333.5	2684
2721 >E	Oakdale 345kV Voltage	Volney-Marcy	1.6	320	328.1	2644
2721 >E	Buchanan South 345kV Voltage	Pre-Fault	15.0	NA	346	2721
2722 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.3	327.8	337.0	3024
2726 >E	Coopers Corners 345kV Voltage	Pre-Fault	4.4	NA	338	2726
2727 >E	Leeds 345kV Voltage	Pre-Fault	5.4	NA	345	2727
2729 >E	Gordon Rd 345kV Voltage	Volney-Marcy	2.5	327.8	330.2	2645
2730 >E	Pannell Road 345kV Voltage	SBK Princetown 345	3.3	327.8	328.4	2533
2730 >E	Pannell Road 345kV Voltage	Ravenswood 3	3.4	327.8	328.2	2828
2731 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	3.0	327.8	329.8	2720
2731 >E	Pannell Road 345kV Voltage	SBK Edic R70	3.3	327.8	328.1	2761
2731 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	3.4	327.8	327.9	2696
2732 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	327.9	2696
2732 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	3.4	327.8	327.8	2721
2732 >E	Gordon Rd 345kV Voltage	Ravenswood 3	3.1	327.8	329.4	2829
2733 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	329.2	2697
2733 >E	Pannell Road 345kV Voltage	SBK Edic R945	6.7	327.8	334.8	2000
2734 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	334.8	2000
2736 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.3	320	321.4	2540
2737 >E	Oakdale 345kV Voltage	Ravenswood 3	2.4	320	321.0	2834
2739 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.1	327.8	327.1	2768
2739 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	320	320.3	2704
2739 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.4	320	320.2	2704
2740 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.4	320	320.1	2729
2740 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	6.5	327.8	333.8	3032
2740 >E	Oakdale 345kV Voltage	SBK Edic R70	2.3	320	320.0	2769
2741 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.6	320	326.7	3033
2742 >E	Station 80 345kV Voltage	Ravenswood 3	4.0	327.8	328.3	2838
2742 >E	Station 80 345kV Voltage	SBK Princetown 345	3.9	327.8	328.3	2545
2742 >E	Station 80 345kV Voltage	SBK Edic R70	3.9	327.8	328.2	2771
2743 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	4.0	327.8	327.9	2708
2743 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	327.9	2708

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2744 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	4.0	327.8	327.8	2733
2744 >E	Marcy 345kV Voltage	SBK Marcy R3108	8.0	327.8	327.8	2584
2747 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	333.5	1956
2748 >E	Ramapo 500kV Voltage	Ravenswood 3	17.1	500	504.7	2843
2749 >E	St.Lawrence 230kV Voltage	Pre-Fault	14.5	NA	225	2749
2750 >E	Fraser 345kV Voltage	SBK Edic R70	3.2	327.8	327.8	2778
2750 >E	Fraser 345kV Voltage	Volney-Marcy	3.2	327.8	327.8	2647
2750 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.2	327.8	327.8	2714
2750 >E	Fraser 345kV Voltage	SBK Princetown 345	3.2	327.8	327.8	2554
2750 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	3.2	327.8	327.8	2739
2750 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.2	327.8	327.8	2714
2750 >E	Fraser 345kV Voltage	Ravenswood 3	3.2	327.8	327.8	2845
2750 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.8	327.8	342.9	3250
2750 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.8	327.8	342.9	3250
2751 >E	Oakdale 345kV Voltage	SBK Edic R945	5.1	320	332.7	2012
2751 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	5.1	320	332.7	2012
2756 >E	Pannell Road 345kV Voltage	Marcy South S.	7.1	327.8	332.4	3253
2757 >E	Station 80 345kV Voltage	SBK Edic R945	7.8	327.8	334.5	2016
2757 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	7.9	327.8	334.5	2016
2758 >E	Ramapo 345kV Voltage	Pre-Fault	15.0	NA	346	2758
2758 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	6.6	327.8	337.6	2586
2760 >E	Coopers Corners 345kV Voltage	Ravenswood 3	4.5	327.8	330.4	2854
2760 >E	New Scotland 345kV Voltage Alps	Marcy South N.	9.7	327.8	347.2	3526
2760 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	9.7	327.8	347.2	3526
2763 >E	Coopers Corners 345kV Voltage	Volney-Marcy	3.8	327.8	329.7	2648
2764 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	5.6	320	331.0	1967
2764 >E	Station 80 345kV Voltage	Ph2 DC 1500	8.2	327.8	334.3	3043
2765 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	3.3	327.8	330.8	2648
2765 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	3.3	327.8	330.8	2648
2765 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.4	327.8	329.1	2793
2765 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	4.4	327.8	329.1	2570
2766 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	3.7	327.8	330.3	2730
2766 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	3.7	327.8	330.3	2730
2769 >E	St.Lawrence 230kV Voltage	Volney-Marcy	7.4	218.5	223.6	2649
2769 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	328.2	2733
2770 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	327.8	328.0	2734
2771 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	4.4	327.8	327.9	2760
2771 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	4.0	327.8	329.1	2864
2771 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	4.0	327.8	329.1	2864

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Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2772 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	8.8	327.8	333.2	1972
2774 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	10.1	218.5	221.8	3048
2775 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	3.9	327.8	328.2	2802
2775 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	3.9	327.8	328.2	2802
2775 >E	Ladentown 345kV Voltage	Pre-Fault	14.9	NA	346	2775
2777 >E	Roseton 345kV Voltage	Pre-Fault	11.9	NA	345	2777
2777 >E	Ramapo 500kV Voltage	Ph2 DC 1500	27.8	500	505.1	3049
2777 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	4.0	327.8	327.6	2766
2777 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	4.0	327.8	327.6	2766
2778 >E	Fraser 345kV Voltage	SBK Edic R945	6.1	327.8	337.1	2031
2779 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	6.2	327.8	337.0	2031
2779 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	4.1	327.8	327.0	2743
2779 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	4.1	327.8	327.0	2743
2782 >E	Fraser 345kV Voltage	Ph2 DC 1500	5.4	327.8	327.8	3051
2784 >E	Somerset 345kV Voltage	Volney-Marcy	4.1	327.8	338.8	2650
2785 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	10.6	327.8	335.7	1980
2788 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	6.2	327.8	335.7	3054
2788 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	6.2	327.8	335.7	3054
2790 >E	Somerset 345kV Voltage	Pre-Fault	7.8	NA	338	2790
2790 >E	Gilboa 345kV Voltage	Marcy South S.	6.2	327.8	343.0	3268
2792 >E	Station 80 345kV Voltage	Marcy South S.	9.3	327.8	332.6	3269
2793 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	6.7	327.8	335.5	1985
2794 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	6.6	327.8	331.0	3056
2797 >E	Coopers Corners 345kV Voltage	SBK Edic R945	9.5	327.8	339.4	2044
2797 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	9.6	327.8	339.4	2044
2798 >E	Somerset 345kV Voltage	SBK Marcy R3108	6.4	327.8	345.3	2593
2802 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	4.6	327.8	321.4	2608
2802 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	4.6	327.8	321.4	2608
2807 >E	Gilboa 345kV Voltage	Volney-Marcy	4.8	327.8	329.1	2653
2808 >E	Oakdale 345kV Voltage	Marcy South S.	6.5	320	324.4	3276
2809 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	328.8	2773
2811 >E	Leeds 345kV Voltage	Marcy South S.	7.3	327.8	341.8	3278
2811 >E	Gilboa 345kV Voltage	Ravenswood 3	5.1	327.8	328.4	2900
2812 >E	Ramapo 500kV Voltage	Volney-Marcy	15.3	500	501.1	2653
2812 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	10.3	327.8	338.4	1997
2814 >E	Bowline 1 345kV Voltage	Pre-Fault	14.9	NA	345	2814
2814 >E	Gilboa 345kV Voltage	SBK Edic R70	5.1	327.8	327.8	2838
2814 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	5.2	327.8	327.8	2804
2815 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr	5.2	327.8	327.6	2779

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Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2818 >E	Fraser 345kV Voltage	Marcy South S.	7.3	327.8	327.8	3281
2820 >E	Leeds 345kV Voltage	Ravenswood 3	5.4	327.8	327.8	2908
2820 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	327.8	2784
2820 >E	Leeds 345kV Voltage	Volney-Marcy	5.4	327.8	327.8	2654
2820 >E	Leeds 345kV Voltage	SBK Edic R70	5.4	327.8	327.8	2844
2820 >E	Leeds 345kV Voltage	SBK Princetown 345	5.4	327.8	327.8	2627
2820 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	5.4	327.8	327.8	2809
2820 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	5.4	327.8	327.8	2784
2821 >E	Bowline 2 345kV Voltage	Pre-Fault	14.9	NA	345	2821
2822 >E	Gilboa 345kV Voltage	SBK Princetown 345	5.4	327.8	326.3	2628
2826 >E	Ramapo 500kV Voltage	SBK Princetown 345	17.5	500	500.2	2632
2826 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	17.3	500	500.2	2789
2827 >E	St.Lawrence 230kV Voltage	Ravenswood 3	13.4	218.5	219.6	2914
2828 >E	Ramapo 500kV Voltage	SBK Edic R70	17.5	500	500.1	2851
2829 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	17.6	500	500.1	2793
2830 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	17.6	500	500.0	2819
2830 >E	Ramapo 500kV Voltage	Pre-Fault	17.6	NA	500	2830
2843 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	14.5	218.5	218.5	2832
2843 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	14.5	218.5	218.5	2806
2843 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	14.5	218.5	218.5	2806
2844 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	14.5	218.5	218.4	2651
2846 >E	Dunwoodie 345kV Voltage	Ravenswood 3	16.3	327.8	334.6	2931
2847 >E	St.Lawrence 230kV Voltage	SBK Edic R70	14.9	218.5	218.2	2868
2848 >E	Sprain Brook 345kV Voltage	Ravenswood 3	16.3	327.8	334.6	2933
2864 >E	Somerset 345kV Voltage	SBK Edic R70	7.6	327.8	328.4	2885
2865 >E	Somerset 345kV Voltage	SBK Princetown 345	7.6	327.8	328.3	2673
2865 >E	Somerset 345kV Voltage	Ravenswood 3	7.8	327.8	328.3	2948
2867 >E	Fraser 345kV Voltage	SBK Marcy R3108	9.5	327.8	327.8	2605
2868 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	7.7	327.8	327.9	2831
2869 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	7.7	327.8	327.9	2832
2869 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	7.8	327.8	327.8	2858
2869 >E	Gilboa 345kV Voltage	Ph2 DC 1500	8.3	327.8	331.3	3091
2877 >E	Rock Tavern 345kV Voltage	Ravenswood 3	9.5	327.8	330.5	2959
2877 >E	Millwood 345kV Voltage	Ravenswood 3	14.6	327.8	334.0	2959
2882 >E	St.Lawrence 230kV Voltage	Marcy South N.	24.2	218.5	225.7	3606
2883 >E	Buchanan North 345kV Voltage	Ravenswood 3	15.1	327.8	333.4	2964

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2883 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	20.2	218.5	223.3	2608
2884 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	10.5	327.8	330.9	2965
2888 >E	Rock Tavern 345kV Voltage	Volney-Marcy	8.5	327.8	329.3	2660
2895 >E	St.Lawrence 230kV Voltage	SBK Edic R945	20.9	218.5	222.9	2111
2897 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	21.0	218.5	222.8	2111
2897 >E	Rock Tavern 345kV Voltage	SBK Edic R70	9.2	327.8	328.3	2915
2899 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	9.2	327.8	328.1	2861
2900 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	9.3	327.8	328.0	2709
2901 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	9.3	327.8	327.8	2864
2901 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	9.2	327.8	327.8	2890
2907 >E	Buchanan South 345kV Voltage	Ravenswood 3	14.6	327.8	333.6	2986
2909 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	10.2	327.8	328.5	2662
2910 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	328.4	2872
2914 >E	St.Lawrence 230kV Voltage	Marcy South S.	21.9	218.5	221.4	3323
2915 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	10.6	327.8	328.0	2932
2916 >E	Leeds 345kV Voltage	Ph2 DC 1500	9.7	327.8	327.8	3112
2917 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	10.6	327.8	327.7	2906
2917 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	11.1	327.8	335.8	2614
2917 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	11.1	327.8	335.8	2614
2919 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	10.7	327.8	327.5	2881
2919 >E	Watercure 230kV Voltage	Marcy South N.	16.9	207	225.0	3630
2923 >E	Niagara 230kV East Voltage	Volney-Marcy	16.9	218.5	225.5	2664
2923 >E	Niagara 230kV West Voltage	Volney-Marcy	16.9	218.5	225.5	2664
2926 >E	Pleasant Valley 345kV Voltage	Marcy South S.	14.0	327.8	338.1	3329
2929 >E	Watercure 230kV Voltage	SBK Marcy R3108	11.6	207	231.0	2616
2931 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	11.0	327.8	326.4	2741
2931 >E	Niagara 345kV Voltage	Volney-Marcy	8.2	327.8	342.2	2664
2932 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	23.3	218.5	221.7	2071
2934 >E	Ramapo 500kV Voltage	SBK Edic R945	39.7	500	503.8	2137
2935 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	39.9	500	503.8	2137
2939 >E	Leeds 345kV Voltage	Marcy South N.	13.7	327.8	342.2	3643
2940 >E	Niagara 230kV East Voltage	Pre-Fault	34.3	NA	225	2940
2940 >E	Niagara 230kV West Voltage	Pre-Fault	34.3	NA	225	2940
2943 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	41.2	500	503.7	2078
2951 >E	Roseton 345kV Voltage	Ravenswood 3	11.9	327.8	330.4	3025
2954 >E	Buchanan North 345kV Voltage	Volney-Marcy	14.5	327.8	328.7	2666
2958 >E	Dunwoodie 345kV Voltage	Volney-Marcy	16.7	327.8	328.1	2667
2958 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	16.9	327.8	328.1	2920
2960 >E	Sprain Brook 345kV Voltage	Volney-Marcy	16.6	327.8	328.1	2667

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2960 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	16.9	327.8	328.1	2922
2961 >E	Dunwoodie 345kV Voltage	SBK Edic R70	17.2	327.8	328.0	2975
2962 >E	Millwood 345kV Voltage	Volney-Marcy	14.5	327.8	328.4	2667
2963 >E	Sprain Brook 345kV Voltage	SBK Edic R70	17.2	327.8	328.0	2976
2963 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	15.2	327.8	328.2	2925
2964 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	17.3	327.8	327.8	2952
2964 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	14.9	327.8	328.2	2926
2965 >E	Buchanan North 345kV Voltage	SBK Edic R70	15.4	327.8	328.0	2978
2966 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	17.3	327.8	327.7	2927
2966 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	17.3	327.8	327.8	2954
2967 >E	Millwood 345kV Voltage	SBK Edic R70	15.1	327.8	328.0	2981
2968 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	17.3	327.8	327.7	2929
2969 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	15.4	327.8	327.8	2957
2969 >E	Ramapo 345kV Voltage	Ravenswood 3	15.1	327.8	331.9	3041
2969 >E	Fraser 345kV Voltage	Marcy South N.	13.5	327.8	327.8	3663
2970 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	15.5	327.8	327.7	2931
2970 >E	Roseton 345kV Voltage	Volney-Marcy	11.4	327.8	328.7	2668
2971 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	15.2	327.8	327.8	2959
2973 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	15.2	327.8	327.7	2934
2973 >E	Buchanan North 345kV Voltage	SBK Princetown 345	15.6	327.8	327.5	2785
2975 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	17.6	327.8	327.1	2786
2976 >E	Ladentown 345kV Voltage	Ravenswood 3	14.9	327.8	332.6	3047
2977 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	17.6	327.8	327.2	2788
2977 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	11.7	327.8	328.1	2939
2978 >E	Roseton 345kV Voltage	SBK Edic R70	11.9	327.8	328.0	2991
2981 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	11.9	327.8	327.8	2970
2982 >E	Millwood 345kV Voltage	SBK Princetown 345	15.5	327.8	327.1	2793
2982 >E	Buchanan South 345kV Voltage	Volney-Marcy	14.2	327.8	328.6	2669
2983 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	11.9	327.8	327.7	2944
2984 >E	Gilboa 345kV Voltage	SBK Edic R945	13.3	327.8	335.5	2172
2986 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	13.4	327.8	335.4	2172
2988 >E	Roseton 345kV Voltage	SBK Princetown 345	12.1	327.8	327.2	2800
2988 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	14.7	327.8	328.2	2950
2989 >E	Somerset 345kV Voltage	SBK Edic R945	14.9	327.8	336.9	2175
2991 >E	Buchanan South 345kV Voltage	SBK Edic R70	14.9	327.8	328.0	3003
2991 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	15.0	327.8	336.8	2176

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2995 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	15.0	327.8	327.8	2983
2996 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	15.1	327.8	327.7	2957
2998 >E	Niagara 345kV Voltage	Pre-Fault	15.9	NA	338	2998
3000 >E	Niagara 230kV East Voltage	SBK Marcy R3108	25.1	218.5	229.0	2629
3000 >E	Niagara 230kV West Voltage	SBK Marcy R3108	25.1	218.5	229.0	2629
3000 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	14.1	327.8	330.2	3150
3000 >E	Bowline 1 345kV Voltage	Ravenswood 3	14.9	327.8	332.5	3069
3004 >E	Buchanan South 345kV Voltage	SBK Princetown 345	15.3	327.8	327.2	2816
3004 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	14.5	327.8	330.5	2186
3004 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	14.5	327.8	330.5	2186
3005 >E	Gilboa 345kV Voltage	Marcy South N.	15.5	327.8	338.8	3686
3006 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	14.6	327.8	330.4	2185
3006 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	14.6	327.8	330.4	2185
3006 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	16.2	327.8	325.8	2630
3006 >E	Bowline 2 345kV Voltage	Ravenswood 3	14.9	327.8	332.5	3075
3008 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	14.2	327.8	334.2	2119
3009 >E	Ramapo 345kV Voltage	Volney-Marcy	13.9	327.8	329.3	2672
3012 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	15.4	327.8	330.1	3155
3021 >E	Niagara 345kV Voltage	SBK Marcy R3108	12.6	327.8	349.7	2633
3023 >E	Gordon Rd 345kV Voltage	SBK Edic R945	15.4	327.8	318.3	2198
3024 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	15.5	327.8	318.2	2198
3025 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	14.8	327.8	328.2	2986
3026 >E	Ladentown 345kV Voltage	Volney-Marcy	13.9	327.8	329.2	2673
3026 >E	Ramapo 345kV Voltage	SBK Edic R70	14.9	327.8	328.1	3035
3031 >E	Ramapo 500kV Voltage	Marcy South S.	46.5	500	499.9	3375
3031 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	15.5	327.8	328.9	2133
3031 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	15.5	327.8	328.9	2133
3031 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	15.0	327.8	327.8	3019
3031 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	15.0	327.8	327.8	2992
3033 >E	Ramapo 345kV Voltage	SBK Princetown 345	15.1	327.8	327.6	2847
3034 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	16.7	327.8	335.0	2135
3035 >E	Somerset 345kV Voltage	Marcy South N.	21.1	327.8	344.5	3706
3040 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	14.7	327.8	328.2	3001
3042 >E	Ladentown 345kV Voltage	SBK Edic R70	14.8	327.8	328.1	3050
3047 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	14.9	327.8	327.8	3035
3048 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	15.0	327.8	327.7	3008
3048 >E	Bowline 1 345kV Voltage	Volney-Marcy	13.9	327.8	329.3	2675
3051 >E	Ladentown 345kV Voltage	SBK Princetown 345	15.1	327.8	327.5	2866

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3054 >E	Bowline 2 345kV Voltage	Volney-Marcy	13.9	327.8	329.4	2676
3062 >E	Ramapo 500kV Voltage	SBK Marcy R3108	48.2	500	501.7	2640
3064 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	14.7	327.8	328.3	3024
3064 >E	Gilboa 345kV Voltage	SBK Marcy R3108	15.7	327.8	331.0	2640
3066 >E	Bowline 1 345kV Voltage	SBK Edic R70	14.9	327.8	328.1	3073
3070 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	14.7	327.8	328.3	3031
3071 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	14.9	327.8	327.8	3059
3072 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	15.0	327.8	327.7	3032
3073 >E	Bowline 2 345kV Voltage	SBK Edic R70	14.8	327.8	328.1	3078
3076 >E	Bowline 1 345kV Voltage	SBK Princetown 345	15.1	327.8	327.5	2891
3077 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	14.9	327.8	327.8	3065
3078 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	14.9	327.8	327.7	3038
3082 >E	Bowline 2 345kV Voltage	SBK Princetown 345	15.1	327.8	327.5	2897
3085 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	23.4	327.8	330.9	3188
3087 >E	Somerset 345kV Voltage	Marcy South S.	18.3	327.8	335.6	3401
3101 >E	Gardenville 230kV Voltage	Volney-Marcy	15.4	207	221.3	2680
3101 >E	Millwood 345kV Voltage	Ph2 DC 1500	22.4	327.8	329.8	3195
3116 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	26.7	327.8	329.3	3202
3117 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	26.6	327.8	329.4	3203
3127 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	22.2	327.8	330.5	3207
3128 >E	Roseton 345kV Voltage	Ph2 DC 1500	18.2	327.8	329.9	3208
3129 >E	Somerset 345kV Voltage	Ph2 DC 1500	21.9	327.8	340.5	3208
3134 >E	Dunwoodie 345kV Voltage	Marcy South S.	28.7	327.8	330.7	3422
3135 >E	Millwood 345kV Voltage	Marcy South S.	24.9	327.8	331.2	3422
3140 >E	Sprain Brook 345kV Voltage	Marcy South S.	28.8	327.8	330.6	3424
3148 >E	Niagara 345kV Voltage	SBK Edic R70	15.6	327.8	328.5	3149
3150 >E	Niagara 230kV East Voltage	SBK Edic R70	33.6	218.5	218.9	3151
3150 >E	Niagara 230kV West Voltage	SBK Edic R70	33.6	218.5	218.9	3151
3151 >E	Niagara 345kV Voltage	SBK Princetown 345	15.7	327.8	328.4	2968
3152 >E	Niagara 230kV East Voltage	SBK Princetown 345	33.7	218.5	218.8	2969
3152 >E	Niagara 230kV West Voltage	SBK Princetown 345	33.7	218.5	218.8	2969
3154 >E	Niagara 230kV East Voltage	Ravenswood 3	34.3	218.5	218.8	3206
3154 >E	Niagara 230kV West Voltage	Ravenswood 3	34.3	218.5	218.8	3206
3154 >E	Niagara 345kV Voltage	Ravenswood 3	16.0	327.8	328.2	3207
3158 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	15.9	327.8	327.9	3117
3159 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	15.9	327.8	327.9	3118
3160 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	15.9	327.8	327.8	3147
3161 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr	34.2	218.5	218.6	3119

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3161 >E	Niagara 230kV West Voltage	361-362 D1b Ckt Twr 345	34.2	218.5	218.6	3119
3161 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	34.2	218.5	218.5	3120
3161 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	34.2	218.5	218.5	3120
3162 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	34.3	218.5	218.5	3149
3162 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	34.3	218.5	218.5	3149
3170 >E	Ramapo 345kV Voltage	Ph2 DC 1500	22.4	327.8	331.4	3227
3176 >E	Roseton 345kV Voltage	Marcy South S.	20.5	327.8	333.5	3440
3193 >E	Ladentown 345kV Voltage	Ph2 DC 1500	22.1	327.8	331.5	3237
3198 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	21.0	327.8	327.8	2237
3198 >E	Leeds 345kV Voltage	SBK Edic R945	21.0	327.8	327.8	2318
3198 >E	Leeds 345kV Voltage	SBK Marcy R3108	21.0	327.8	327.8	2664
3198 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	21.0	327.8	327.8	2316
3198 >E	Pleasant Valley 345kV Voltage	Marcy South N.	27.3	327.8	337.4	3812
3203 >E	Rock Tavern 345kV Voltage	SBK Edic R945	24.7	327.8	337.1	2321
3205 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	24.8	327.8	337.0	2320
3221 >E	Gardenville 230kV Voltage	SBK Marcy R3108	21.7	207	226.3	2668
3228 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	22.1	327.8	331.7	3253
3237 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	22.1	327.8	331.8	3257
3242 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	26.2	327.8	336.0	2264
3244 >E	Gardenville 230kV Voltage	Pre-Fault	33.1	NA	217	3244
3263 >E	Buchanan South 345kV Voltage	Marcy South S.	27.9	327.8	329.0	3479
3280 >E	Niagara 230kV East Voltage	Ph2 DC 1500	46.3	218.5	223.6	3276
3280 >E	Niagara 230kV West Voltage	Ph2 DC 1500	46.3	218.5	223.6	3276
3297 >E	Watercure 230kV Voltage	Volney-Marcy	24.9	207	258.6	2699
3351 >E	Buchanan North 345kV Voltage	Marcy South S.	33.5	327.8	325.6	3518
3364 >E	Watercure 230kV Voltage	SBK Edic R945	30.6	207	228.6	2432
3375 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	31.1	207	228.6	2436
3404 >E	Buchanan North 345kV Voltage	SBK Edic R945	41.2	327.8	333.3	2459
3406 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	41.3	327.8	333.3	2457
3418 >E	Coopers Corners 345kV Voltage	Marcy South N.	24.8	327.8	305.6	3956
3444 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	43.1	327.8	332.6	2390
3452 >E	Ramapo 500kV Voltage	Marcy South N.	97.5	500	502.1	3978
3477 >E	Niagara 230kV East Voltage	SBK Edic R945	60.2	218.5	224.1	2509
3477 >E	Niagara 230kV West Voltage	SBK Edic R945	60.2	218.5	224.1	2509
3483 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	60.7	218.5	224.0	2509
3483 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	60.7	218.5	224.0	2509
3502 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	36.6	327.8	329.1	2525
3503 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	36.6	327.8	329.1	2523
3503 >E	Rainey 345kV Voltage	Ravenswood 3	40.2	327.8	339.1	3519

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Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3504 >E	Ramapo 345kV Voltage	SBK Edic R945	37.7	327.8	335.7	2527
3507 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	37.8	327.8	335.6	2526
3514 >E	Niagara 345kV Voltage	SBK Edic R945	29.5	327.8	339.0	2534
3520 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	29.7	327.8	338.9	2534
3528 >E	Millwood 345kV Voltage	SBK Edic R945	45.0	327.8	331.4	2544
3530 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	45.1	327.8	331.4	2541
3538 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	37.9	327.8	328.2	2448
3539 >E	Buchanan South 345kV Voltage	SBK Edic R945	42.3	327.8	332.7	2551
3541 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	42.4	327.8	332.7	2549
3542 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	39.1	327.8	328.1	2724
3542 >E	Gardenville 230kV Voltage	SBK Princetown 345	32.1	207	208.0	3373
3551 >E	Farragut 345kV Voltage	Ravenswood 3	42.4	327.8	338.2	3562
3552 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	39.6	327.8	334.8	2457
3553 >E	Gardenville 230kV Voltage	SBK Edic R70	32.4	207	207.6	3525
3556 >E	Sprain Brook 345kV Voltage	SBK Edic R945	53.6	327.8	330.7	2563
3557 >E	Gardenville 230kV Voltage	Ravenswood 3	32.6	207	207.5	3568
3558 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	53.7	327.8	330.7	2560
3561 >E	Dunwoodie 345kV Voltage	SBK Edic R945	54.2	327.8	330.6	2566
3562 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	54.3	327.8	330.6	2563
3563 >E	Rainey 345kV Voltage	Pre-Fault	54.2	NA	338	3563
3565 >E	Farragut 345kV Voltage	Pre-Fault	56.1	NA	338	3565
3568 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	32.9	207	207.2	3520
3569 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	32.9	207	207.2	3523
3572 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	33.0	207	207.1	3557
3574 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	46.9	327.8	330.6	2470
3576 >E	Ladentown 345kV Voltage	SBK Edic R945	38.5	327.8	335.4	2576
3577 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	39.4	207	227.5	2472
3579 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	38.6	327.8	335.4	2575
3583 >E	Rock Tavern 345kV Voltage	Marcy South S.	30.9	327.8	310.0	3622
3585 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	44.2	327.8	331.9	2477
3585 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	68.0	218.5	223.0	2477
3585 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	68.0	218.5	223.0	2477
3597 >E	Roseton 345kV Voltage	Marcy South N.	37.4	327.8	333.9	4073
3601 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	38.7	327.8	326.3	2735
3601 >E	Roseton 345kV Voltage	SBK Edic R945	37.5	327.8	332.7	2593
3603 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	37.6	327.8	332.7	2591
3604 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	55.9	327.8	330.0	2489
3606 >E	Millwood 345kV Voltage	Marcy South N.	49.1	327.8	332.3	4079
3608 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	56.5	327.8	329.9	2492
3623 >E	Dunwoodie 345kV Voltage	Marcy South N.	57.2	327.8	331.4	4090

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3625 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	33.2	327.8	336.6	2502
3626 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	40.3	327.8	334.5	2503
3633 >E	Bowline 1 345kV Voltage	SBK Edic R945	38.3	327.8	335.9	2615
3633 >E	Sprain Brook 345kV Voltage	Marcy South N.	57.4	327.8	331.4	4096
3636 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	38.4	327.8	335.9	2613
3646 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	39.1	327.8	331.8	2515
3647 >E	Watercure 230kV Voltage	Marcy South S.	37.9	207	216.9	3650
3651 >E	Bowline 2 345kV Voltage	SBK Edic R945	38.3	327.8	336.0	2627
3654 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	38.4	327.8	336.0	2625
3665 >E	Ladentown 345kV Voltage	Marcy South S.	37.7	327.8	320.9	3658
3675 >E	Ramapo 345kV Voltage	Marcy South S.	38.9	327.8	320.3	3663
3686 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	40.1	327.8	335.0	2540
3704 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	40.1	327.8	335.1	2551
3725 >E	Niagara 230kV East Voltage	Marcy South S.	77.3	218.5	223.7	3685
3725 >E	Niagara 230kV West Voltage	Marcy South S.	77.3	218.5	223.7	3685
3733 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	56.7	327.8	327.5	2758
3737 >E	Niagara 345kV Voltage	Marcy South N.	40.8	327.8	347.9	4164
3756 >E	Niagara 345kV Voltage	Marcy South S.	37.0	327.8	338.0	3699
3769 >E	Niagara 230kV East Voltage	Marcy South N.	82.5	218.5	229.8	4185
3769 >E	Niagara 230kV West Voltage	Marcy South N.	82.5	218.5	229.8	4185
3781 >E	Niagara 345kV Voltage	Ph2 DC 1500	39.6	327.8	343.8	3504
3788 >E	Millwood 345kV Voltage	SBK Marcy R3108	57.9	327.8	326.7	2767
3805 >E	Bowline 1 345kV Voltage	Marcy South S.	40.7	327.8	318.0	3721
3827 >E	Buchanan South 345kV Voltage	Marcy South N.	54.4	327.8	331.5	4223
3839 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	70.1	327.8	326.4	2776
3842 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	70.7	327.8	326.4	2777
3843 >E	Bowline 2 345kV Voltage	Marcy South S.	41.4	327.8	317.3	3738
3848 >E	Gardenville 230kV Voltage	SBK Edic R945	46.3	207	218.1	2762
3851 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	56.1	327.8	327.0	2778
3857 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	46.7	207	218.0	2763
3858 >E	Goethals 345kV Voltage	Pre-Fault	76.2	NA	338	3858
3865 >E	Roseton 345kV Voltage	SBK Marcy R3108	47.2	327.8	327.0	2781
3876 >E	Rock Tavern 345kV Voltage	Marcy South N.	44.2	327.8	321.1	4255
3913 >E	Buchanan North 345kV Voltage	Marcy South N.	63.1	327.8	328.9	4279
3947 >E	Goethals 345kV Voltage	Ravenswood 3	58.2	327.8	336.8	3917
3949 >E	Ramapo 345kV Voltage	SBK Marcy R3108	54.6	327.8	327.5	2796
3999 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	52.0	207	216.2	2735
4006 >E	Ladentown 345kV Voltage	SBK Marcy R3108	54.2	327.8	327.5	2806
4035 >E	Coopers Corners 345kV Voltage	Marcy South S.	34.8	327.8	213.2	3823
4073 >E	Rainey 345kV Voltage	Volney-Marcy	52.4	327.8	328.6	2773
4088 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	53.2	327.8	328.3	4036

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4089 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	54.0	327.8	327.5	2820
4094 >E	Farragut 345kV Voltage	Volney-Marcy	54.3	327.8	328.6	2775
4109 >E	Rainey 345kV Voltage	SBK Edic R70	54.0	327.8	327.9	4042
4109 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	55.0	327.8	328.3	4057
4113 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	54.0	327.8	327.5	2825
4117 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	54.2	327.8	327.8	4098
4123 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	54.5	327.8	327.6	4067
4131 >E	Farragut 345kV Voltage	SBK Edic R70	55.9	327.8	327.9	4062
4139 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	56.2	327.8	327.8	4120
4146 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	56.4	327.8	327.6	4089
4150 >E	Rainey 345kV Voltage	SBK Princetown 345	55.3	327.8	327.1	4002
4172 >E	Farragut 345kV Voltage	SBK Princetown 345	57.3	327.8	327.2	4024
4327 >E	Gardenville 230kV Voltage	Marcy South N.	69.2	207	228.7	4549
4405 >E	Ramapo 345kV Voltage	Marcy South N.	70.0	327.8	326.1	4600
4495 >E	Ladentown 345kV Voltage	Marcy South N.	71.1	327.8	328.2	4658
4542 >E	Gardenville 230kV Voltage	Marcy South S.	71.7	207	219.6	4049
4579 >E	Goethals 345kV Voltage	Volney-Marcy	73.8	327.8	328.5	2821
4597 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	74.7	327.8	328.3	4538
4627 >E	Goethals 345kV Voltage	SBK Edic R70	76.0	327.8	327.9	4524
4637 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	76.3	327.8	327.8	4615
4645 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	76.6	327.8	327.7	4581
4678 >E	Goethals 345kV Voltage	SBK Princetown 345	77.7	327.8	327.2	4547
4706 >E	Rainey 345kV Voltage	Ph2 DC 1500	76.7	327.8	330.6	3922
4725 >E	Farragut 345kV Voltage	Ph2 DC 1500	79.0	327.8	330.6	3931
4820 >E	Bowline 1 345kV Voltage	Marcy South N.	78.8	327.8	328.1	4870
4840 >E	Bowline 2 345kV Voltage	Marcy South N.	78.3	327.8	328.2	4883
5030 >E	Rainey 345kV Voltage	Marcy South S.	89.3	327.8	332.1	4267
5045 >E	Watercure 230kV Voltage	Ph2 DC 1500	102.2	207	260.7	4076
5068 >E	Farragut 345kV Voltage	Marcy South S.	92.6	327.8	332.0	4284
5384 >E	Goethals 345kV Voltage	Ph2 DC 1500	105.6	327.8	330.8	4229
5861 >E	Goethals 345kV Voltage	Marcy South S.	124.5	327.8	331.9	4637
6447 >E	Northport 138kV Voltage	Pre-Fault	427.3	NA	135	6447
7276 >E	Rainey 345kV Voltage	SBK Edic R945	173.8	327.8	333.0	5104
7285 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	174.2	327.8	332.9	5092
7357 >E	Farragut 345kV Voltage	SBK Edic R945	180.4	327.8	332.9	5160
7367 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	180.8	327.8	332.9	5148
7479 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	181.1	327.8	332.0	4898
7517 >E	Rainey 345kV Voltage	Marcy South N.	182.6	327.8	332.8	6630

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7564 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	188.0	327.8	332.0	4951
7611 >E	Farragut 345kV Voltage	Marcy South N.	189.8	327.8	332.7	6691
7658 >E	Northport 138kV Voltage	Ravenswood 3	400.3	131.1	132.2	7238
7987 >E	Northport 138kV Voltage	Volney-Marcy	417.1	131.1	131.4	3146
8022 >E	Northport 138kV Voltage	N.Scot-Leeds 345	420.2	131.1	131.3	7923
8095 >E	Northport 138kV Voltage	SBK Edic R70	426.0	131.1	131.1	7748
8113 >E	Northport 138kV Voltage	Princetown-N.Scot 345	427.3	131.1	131.1	8072
8139 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	429.3	131.1	131.0	8021
8237 >E	Northport 138kV Voltage	SBK Princetown 345	436.7	131.1	130.8	8227
8853 >E	Rainey 345kV Voltage	SBK Marcy R3108	232.9	327.8	325.7	3659
8971 >E	Farragut 345kV Voltage	SBK Marcy R3108	242.1	327.8	325.8	3679
8972 >E	Goethals 345kV Voltage	SBK Edic R945	245.4	327.8	333.1	6263
8978 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	245.7	327.8	333.1	6242
9233 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	255.2	327.8	332.2	5989
9311 >E	Goethals 345kV Voltage	Marcy South N.	258.3	327.8	332.5	7800
11212 >E	Northport 138kV Voltage	Ph2 DC 1500	672.1	131.1	132.2	6868
11339 >E	Goethals 345kV Voltage	SBK Marcy R3108	337.3	327.8	325.4	4096
11524 >E	Northport 138kV Voltage	Marcy South S.	697.6	131.1	133.0	7163
18953 >E	Northport 138kV Voltage	Marcy South N.	1289.7	131.1	133.2	14091
20478 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1400.0	131.1	133.4	14054
20478 >E	Northport 138kV Voltage	SBK Edic R945	1400.0	131.1	133.4	14125
21266 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1461.2	131.1	133.0	13470
26458 >E	Northport 138kV Voltage	SBK Marcy R3108	1870.2	131.1	129.9	6756
99998 >E	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

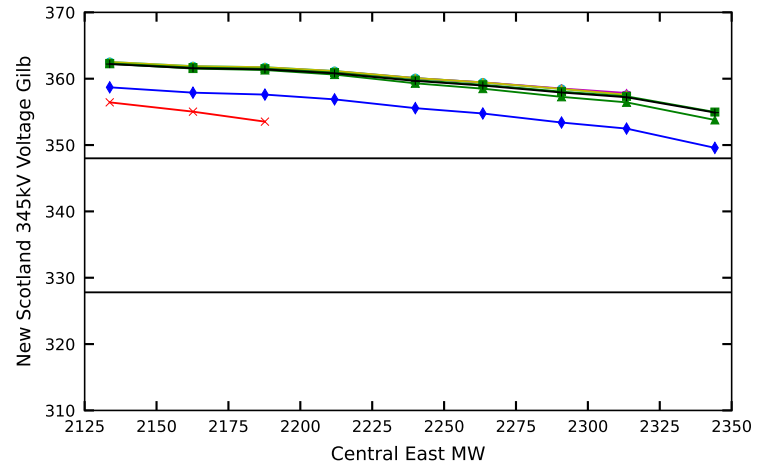
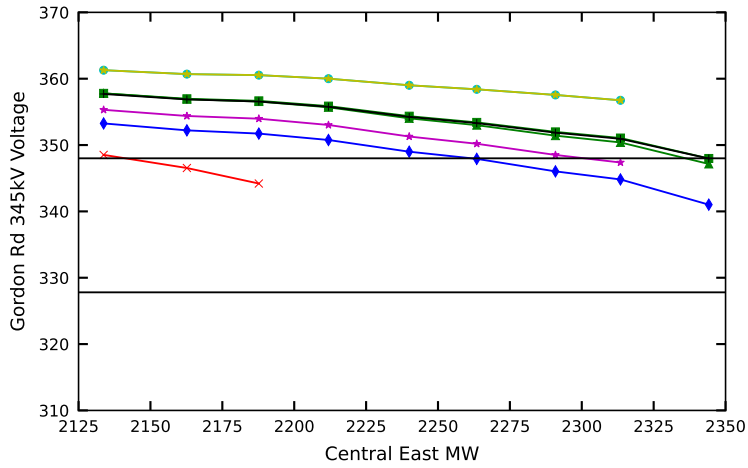
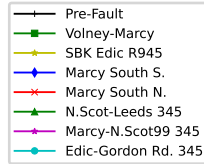
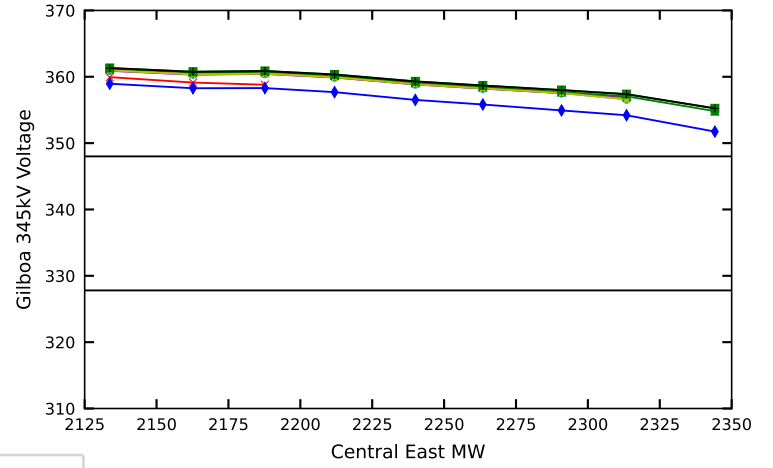
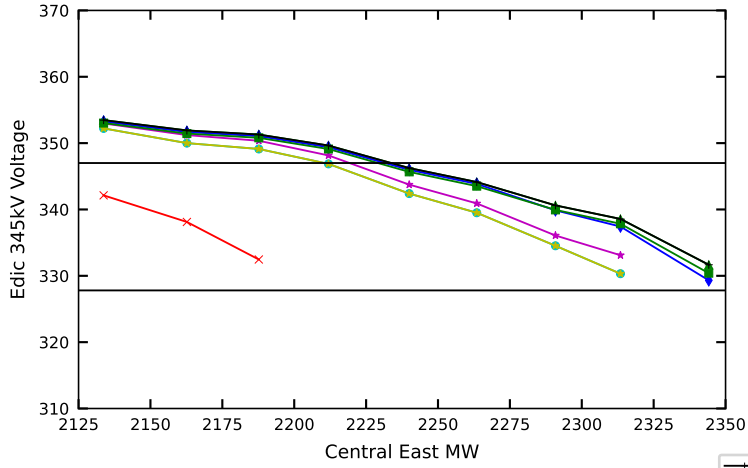
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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 0A

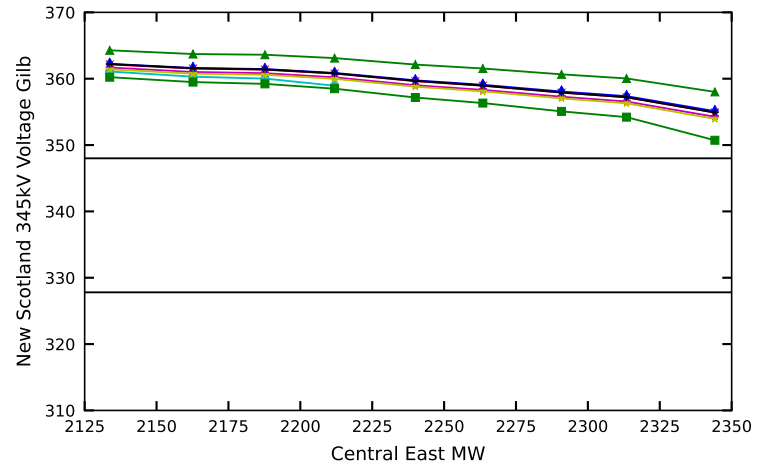
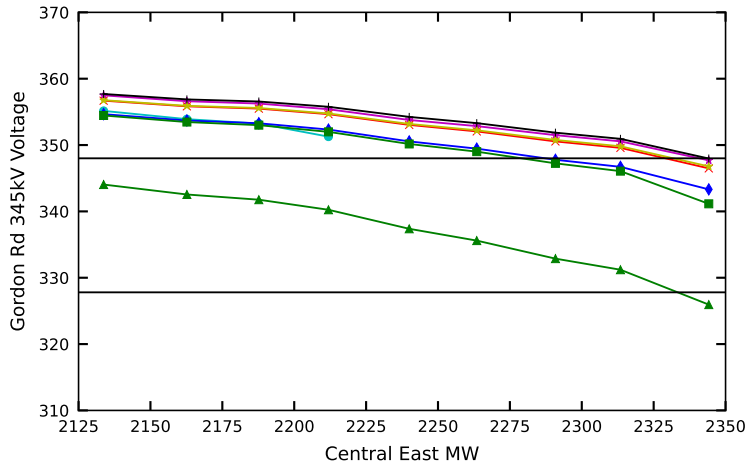
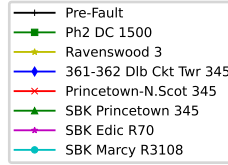
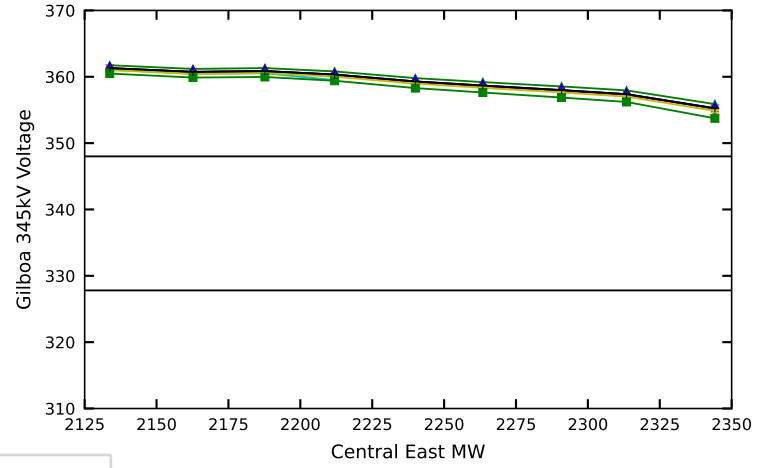
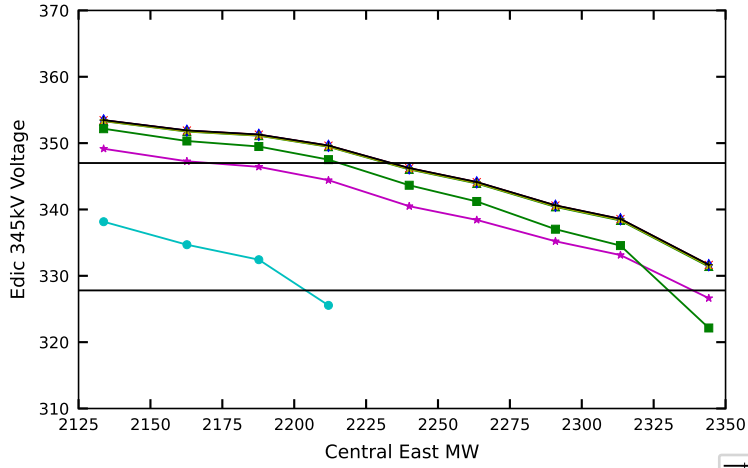
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				<-Post->	<-Pre->	
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

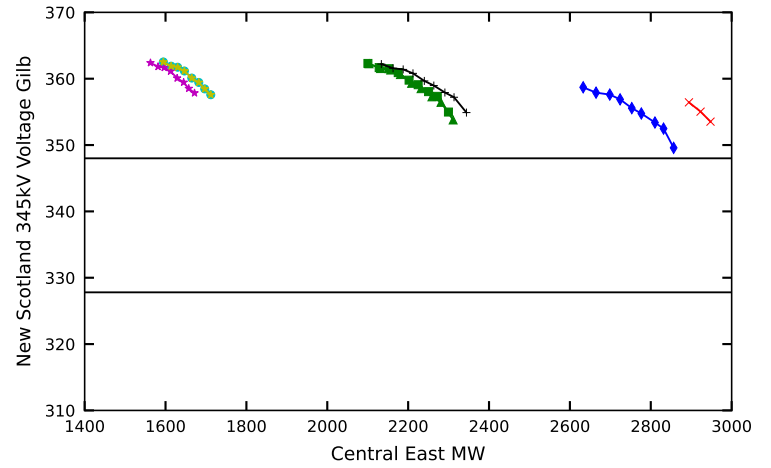
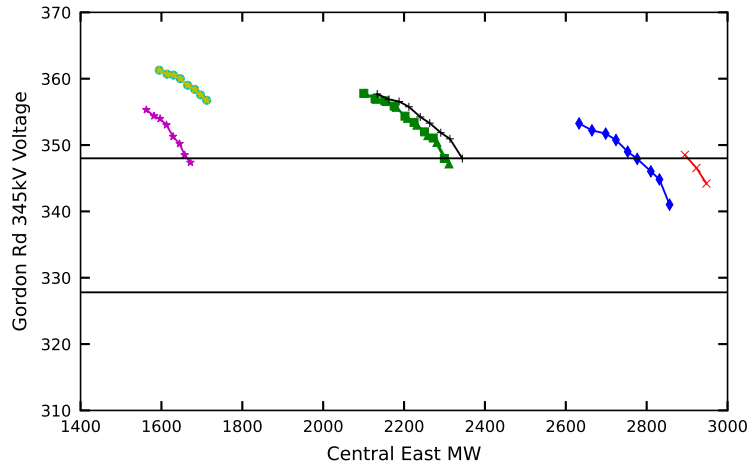
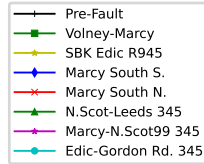
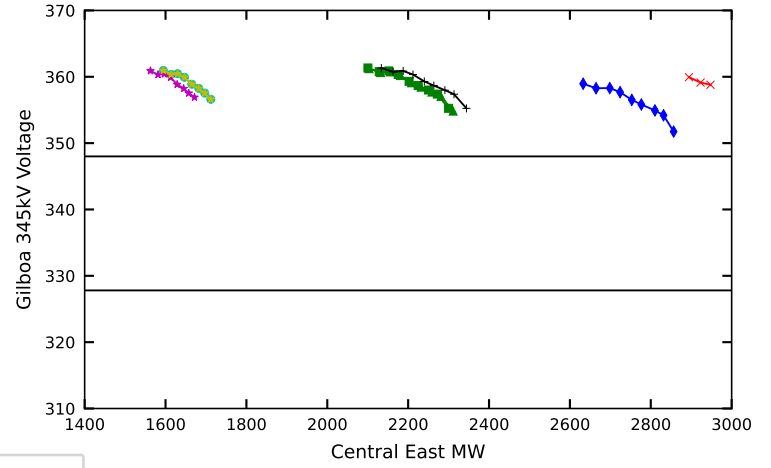
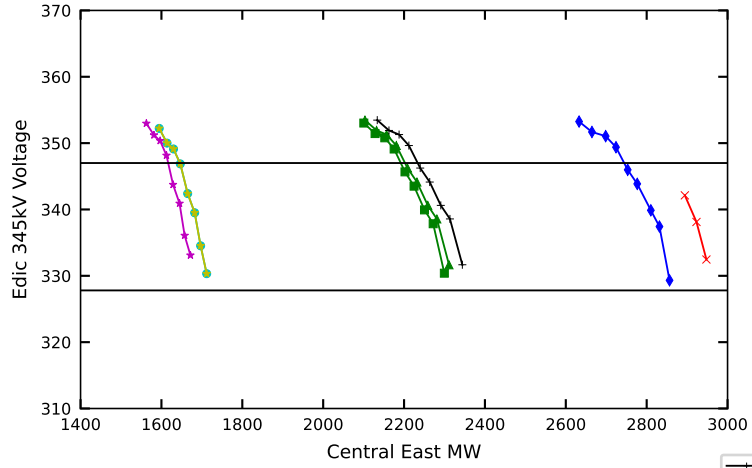
1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S Figure 1



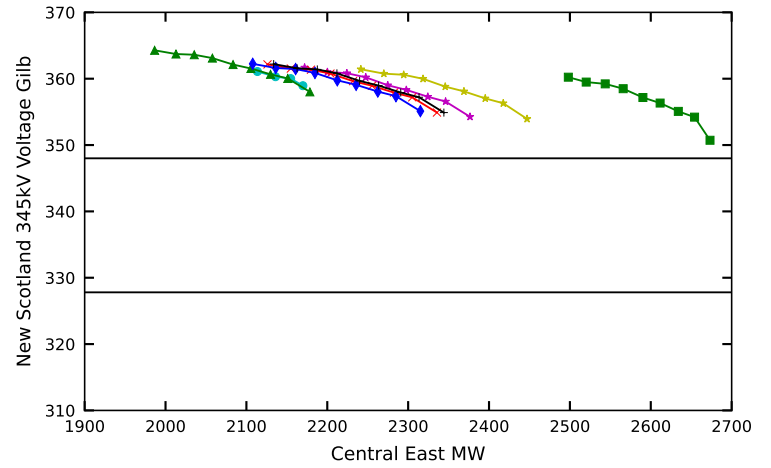
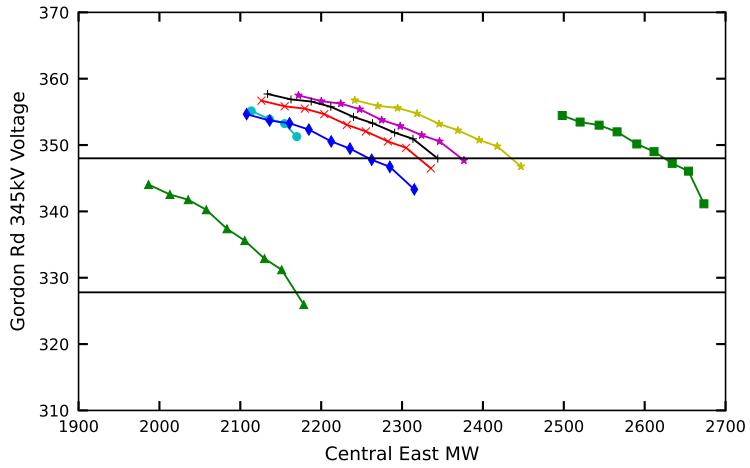
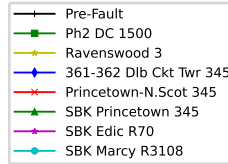
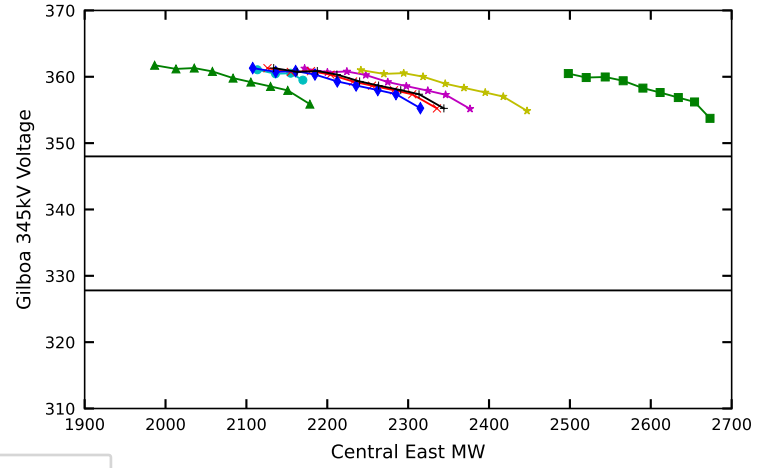
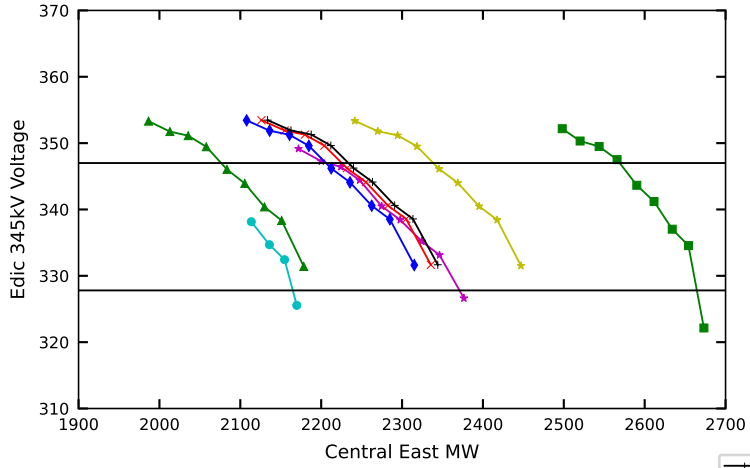
1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S Figure 2



1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S Figure 1



1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S Figure 2



Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\0S\Sum2023_CEVC_PH2_10_0S.xlsx

1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

Interface: Central East

Transfer MW	base	ce0 1	ce0 2	ce0 3	ce0 7	ce0 8	ce1 1	ce1 3	ce1 5	ce2 0	ce3 0	ce3 1	ce3 2	log0 9	log1 5
2133 t 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2162 t 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2187 t 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2211 t 4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2239 t 5	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2263 t 6	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2290 t 7	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2313 t 8	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2344 t 9	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\05\Sum2023_CEVC_PH2_10_05.xlsx

1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 05

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9
base) Pre-Fault	0	0	0	0	0	0	0	0	0
ce01) Edic- Gordon Rd. 345	0	0	0	0	0	0	0	0	2
ce02) Marcy- N.Scot99 345	0	0	0	0	0	0	0	0	2
ce03) N.Scot- Leeds 345	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	1	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	2
ce13) Volney- Marcy	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	2	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0
ce30) SBK Prinetown 345	0	0	0	0	0	0	0	0	0
ce31) Prinetown- N.Scot 345	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2061 <E	Dunwoodie 345kV Voltage	Pre-Fault	94.5	NA	348	2061
2071 <E	Sprain Brook 345kV Voltage	Pre-Fault	94.7	NA	348	2071
2078	limit with 5% margin	Marcy South N.	NA	NA	NA	2800
2101	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2061
2138	Clay 345kV Voltage	SBK Marcy R3108	7.3	327.8	345.6	2117
2148	Clay 345kV Voltage	Pre-Fault	18.5	NA	345	2148
2157	Clay 345kV Voltage	Marcy South N.	6.8	327.8	344.5	2918
2160	Pannell Road 345kV Voltage	Pre-Fault	32.2	NA	346	2160
2185	Station 80 345kV Voltage	Pre-Fault	37.0	NA	346	2185
2197	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1626
2197	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1588
2197	limit with 5% margin	SBK Edic R945	NA	NA	NA	1626
2203	Edic 345kV Voltage	SBK Marcy R3108	3.5	327.8	350.2	2164
2208 >E	Edic 345kV Voltage	Marcy South N.	4.4	327.8	350.8	2967
2211 >E	Marcy 345kV Voltage	Marcy South N.	4.4	327.8	351.0	2971
2215 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	4.9	327.8	343.9	2172
2217 >E	Pannell Road 345kV Voltage	Marcy South N.	6.9	327.8	344.6	2977
2226	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2195
2226	limit with 5% margin	Marcy South S.	NA	NA	NA	2713
2226	limit with 5% margin	Volney-Marcy	NA	NA	NA	2184
2226	limit with 5% margin	SBK Edic R70	NA	NA	NA	2257
2226	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2069
2226	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2218
2226	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2199
2226	limit with 5% margin	Ravenswood 3	NA	NA	NA	2324
2226	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2539
2227	Marcy 345kV Voltage	Pre-Fault	8.3	NA	348	2227
2233	Edic 345kV Voltage	Pre-Fault	8.3	NA	347	2233
2238 >E	Station 80 345kV Voltage	SBK Marcy R3108	6.0	327.8	343.6	2186
2245 >E	Station 80 345kV Voltage	Marcy South N.	7.9	327.8	344.4	3004
2268	Clay 345kV Voltage	Volney-Marcy	5.5	327.8	334.5	2229
2272	Clay 345kV Voltage	SBK Edic R945	4.7	327.8	333.9	1686
2272	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.7	327.8	333.9	1686
2279	Clay 345kV Voltage	Marcy-N.Scot99 345	4.9	327.8	332.8	1651
2284	Clay 345kV Voltage	SBK Edic R70	6.6	327.8	332.0	2318
2288	Clay 345kV Voltage	Ph2 DC 1500	5.5	327.8	331.4	2631
2309	Clay 345kV Voltage	Marcy South S.	9.1	327.8	329.2	2828
2315	Clay 345kV Voltage	SBK Princetown 345	4.2	327.8	328.4	2152
2316	Clay 345kV Voltage	Ravenswood 3	4.3	327.8	328.1	2420
2317	Clay 345kV Voltage	361-362 Dlb Ckt Twr	4.3	327.8	327.9	2288

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2317	Clay 345kV Voltage	N.Scot-Leeds 345	4.3	327.8	327.9	2285
2317	Clay 345kV Voltage	Princetown-N.Scot 345	4.3	327.8	327.8	2309
2326 >E	Edic 345kV Voltage	SBK Edic R945	5.4	327.8	337.4	1720
2326 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	337.4	1720
2328 >E	Marcy 345kV Voltage	SBK Edic R945	5.4	327.8	337.5	1722
2328 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	337.5	1722
2329 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.1	320	348.8	2243
2330	Edic 345kV Voltage	Ph2 DC 1500	2.5	327.8	334.8	2664
2331	Marcy 345kV Voltage	Ph2 DC 1500	2.5	327.8	334.8	2665
2333	Gordon Rd 345kV Voltage	SBK Princetown 345	5.8	327.8	349.0	2168
2338	Edic 345kV Voltage	SBK Edic R70	4.7	327.8	332.9	2371
2341	Pannell Road 345kV Voltage	Ph2 DC 1500	5.3	327.8	333.6	2671
2343 >E	Pannell Road 345kV Voltage	SBK Edic R945	11.0	327.8	335.1	1731
2343 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	11.0	327.8	335.1	1731
2343	Gordon Rd 345kV Voltage	Pre-Fault	10.3	NA	348	2343
2345 >E	Pannell Road 345kV Voltage	Volney-Marcy	8.2	327.8	333.3	2300
2349 >E	Edic 345kV Voltage	Marcy South S.	3.8	327.8	330.4	2861
2352 >E	Marcy 345kV Voltage	Marcy South S.	3.8	327.8	330.2	2863
2353 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	334.9	1697
2354 >E	Edic 345kV Voltage	Volney-Marcy	4.1	327.8	329.3	2309
2359 >E	Marcy 345kV Voltage	Volney-Marcy	4.2	327.8	328.4	2313
2360 >E	Edic 345kV Voltage	SBK Princetown 345	4.4	327.8	328.1	2192
2360 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	334.7	1701
2360 >E	Edic 345kV Voltage	Ravenswood 3	4.4	327.8	328.0	2462
2361 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	327.8	327.9	2331
2361 >E	Edic 345kV Voltage	Princetown-N.Scot 345	4.4	327.8	327.8	2352
2361 >E	Edic 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	327.8	2327
2362 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	327.8	2329
2362 >E	Marcy 345kV Voltage	SBK Edic R70	4.4	327.8	327.8	2394
2362 >E	Marcy 345kV Voltage	SBK Princetown 345	4.4	327.8	327.8	2195
2362 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	4.4	327.8	327.8	2354
2362 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	327.8	327.8	2333
2362 >E	Marcy 345kV Voltage	Ravenswood 3	4.4	327.8	327.8	2464
2363 >E	Oakdale 345kV Voltage	Marcy South N.	8.7	320	354.6	3119
2363 >E	Gordon Rd 345kV Voltage	Marcy South N.	10.7	327.8	354.4	3120
2365 >E	Station 80 345kV Voltage	Ph2 DC 1500	6.8	327.8	335.1	2686
2368 >E	Oakdale 345kV Voltage	Pre-Fault	5.0	NA	335	2368
2373 >E	Millwood 345kV Voltage	Pre-Fault	41.9	NA	348	2373

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2380 >E	Pannell Road 345kV Voltage	Marcy South S.	9.3	327.8	330.3	2885
2383 >E	Pannell Road 345kV Voltage	SBK Edic R70	11.9	327.8	330.1	2415
2387 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	17.4	327.8	333.7	1718
2390 >E	Station 80 345kV Voltage	Volney-Marcy	11.1	327.8	333.7	2341
2395 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.5	320	329.5	2705
2397 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	7.7	218.5	225.2	2706
2401 >E	St.Lawrence 230kV Voltage	Pre-Fault	15.8	NA	225	2401
2402 >E	Station 80 345kV Voltage	SBK Edic R945	15.1	327.8	336.6	1770
2402 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	15.1	327.8	336.6	1770
2403 >E	Pannell Road 345kV Voltage	SBK Princetown 345	11.5	327.8	328.3	2231
2404 >E	Pannell Road 345kV Voltage	Ravenswood 3	11.6	327.8	328.3	2504
2408 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	11.7	327.8	327.9	2378
2408 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	11.7	327.8	327.9	2374
2409 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	11.7	327.8	327.8	2400
2410 >E	Oakdale 345kV Voltage	Volney-Marcy	4.4	320	326.5	2359
2423 >E	Somerset 345kV Voltage	SBK Marcy R3108	11.4	327.8	348.0	2302
2425 >E	Fraser 345kV Voltage	Pre-Fault	6.8	NA	338	2425
2427 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	6.2	327.8	339.9	2724
2431 >E	Oakdale 345kV Voltage	Marcy South S.	4.7	320	322.2	2927
2435 >E	New Scotland 345kV Voltage Alps	Pre-Fault	13.3	NA	348	2435
2435 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	13.3	NA	348	2435
2436 >E	Oakdale 345kV Voltage	SBK Edic R70	5.0	320	321.2	2467
2437 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.9	320	321.1	2261
2437 >E	Station 80 345kV Voltage	Marcy South S.	12.9	327.8	330.9	2932
2438 >E	Oakdale 345kV Voltage	Ravenswood 3	4.9	320	320.9	2536
2438 >E	Buchanan North 345kV Voltage	Pre-Fault	45.9	NA	346	2438
2441 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	320	320.2	2410
2441 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	5.0	320	320.2	2406
2442 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	5.0	320	320.1	2433
2448 >E	Gilboa 345kV Voltage	Pre-Fault	14.4	NA	348	2448
2450 >E	Gordon Rd 345kV Voltage	Marcy South S.	8.1	327.8	337.6	2943
2457 >E	Station 80 345kV Voltage	SBK Edic R70	17.1	327.8	329.7	2487
2463 >E	St.Lawrence 230kV Voltage	Marcy South N.	22.4	218.5	232.0	3218
2466 >E	Oakdale 345kV Voltage	SBK Edic R945	7.7	320	336.2	1812
2466 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	7.7	320	336.2	1812
2476 >E	Niagara 230kV East Voltage	Pre-Fault	26.9	NA	225	2476
2476 >E	Niagara 230kV West Voltage	Pre-Fault	26.9	NA	225	2476
2478 >E	Station 80 345kV Voltage	Ravenswood 3	16.8	327.8	328.4	2576
2480 >E	Station 80 345kV Voltage	SBK Princetown 345	16.6	327.8	328.3	2299

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2480 >E	Coopers Corners 345kV Voltage	Pre-Fault	10.4	NA	338	2480
2482 >E	Somerset 345kV Voltage	Marcy South N.	15.0	327.8	349.5	3236
2484 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	9.0	327.8	334.4	2453
2488 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	16.9	327.8	327.9	2456
2488 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	16.9	327.8	327.9	2452
2489 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	16.9	327.8	327.8	2479
2490 >E	St.Lawrence 230kV Voltage	Volney-Marcy	14.9	218.5	219.4	2431
2490 >E	St.Lawrence 230kV Voltage	Marcy South S.	14.4	218.5	219.4	2975
2491 >E	St.Lawrence 230kV Voltage	SBK Edic R70	14.7	218.5	219.3	2521
2494 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	327.8	2458
2494 >E	Fraser 345kV Voltage	Marcy South S.	6.8	327.8	327.8	2978
2494 >E	Fraser 345kV Voltage	Volney-Marcy	6.8	327.8	327.8	2434
2494 >E	Fraser 345kV Voltage	SBK Edic R70	6.8	327.8	327.8	2524
2494 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	6.8	327.8	327.8	2485
2494 >E	Fraser 345kV Voltage	Ravenswood 3	6.8	327.8	327.8	2591
2494 >E	Fraser 345kV Voltage	SBK Princetown 345	6.8	327.8	327.8	2312
2494 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	6.8	327.8	327.8	2462
2494 >E	Fraser 345kV Voltage	Ph2 DC 1500	6.8	327.8	327.8	2766
2495 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	25.4	327.8	334.9	1786
2497 >E	St.Lawrence 230kV Voltage	Ravenswood 3	15.6	218.5	218.9	2593
2498 >E	Pleasant Valley 345kV Voltage	Pre-Fault	34.7	NA	348	2498
2501 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	12.3	327.8	346.3	2350
2504 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	15.8	218.5	218.5	2495
2504 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	15.8	218.5	218.5	2472
2504 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	15.8	218.5	218.5	2468
2505 >E	Fraser 345kV Voltage	SBK Marcy R3108	9.4	327.8	347.3	2353
2506 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	15.8	218.5	218.4	2322
2508 >E	Rock Tavern 345kV Voltage	Pre-Fault	28.0	NA	348	2508
2512 >E	Watercure 230kV Voltage	SBK Marcy R3108	13.2	207	228.4	2357
2516 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	8.0	327.8	334.6	2780
2527 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	9.5	327.8	330.3	2490
2529 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	9.9	327.8	330.0	2520
2530 >E	Niagara 230kV East Voltage	Ph2 DC 1500	18.6	218.5	223.0	2789
2530 >E	Niagara 230kV West Voltage	Ph2 DC 1500	18.6	218.5	223.0	2789
2536 >E	Gordon Rd 345kV Voltage	Ravenswood 3	10.1	327.8	329.4	2631
2537 >E	Marcy 345kV Voltage	SBK Marcy R3108	14.7	327.8	327.8	2372
2542 >E	Buchanan South 345kV Voltage	Pre-Fault	44.7	NA	346	2542

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2545 >E	Gordon Rd 345kV Voltage	Volney-Marcy	10.0	327.8	328.5	2480
2546 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	8.8	327.8	339.7	2798
2546 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	8.8	327.8	339.7	2798
2547 >E	Coopers Corners 345kV Voltage	Ravenswood 3	9.7	327.8	331.6	2641
2557 >E	Gordon Rd 345kV Voltage	SBK Edic R70	10.7	327.8	327.3	2586
2560 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	11.6	320	330.1	1828
2567 >E	Coopers Corners 345kV Voltage	SBK Edic R70	10.2	327.8	329.6	2596
2574 >E	New Scotland 345kV Voltage Alps	Marcy South S.	10.6	327.8	337.6	3044
2574 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	10.6	327.8	337.6	3044
2574 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	10.2	327.8	329.0	2384
2574 >E	Fraser 345kV Voltage	SBK Edic R945	10.1	327.8	340.2	1884
2575 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	10.1	327.8	340.2	1884
2582 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	10.3	327.8	328.3	2543
2584 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	328.0	2551
2586 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	327.9	2576
2588 >E	Coopers Corners 345kV Voltage	Volney-Marcy	10.3	327.8	327.6	2519
2595 >E	Ramapo 500kV Voltage	Ravenswood 3	45.4	500	506.2	2687
2595 >E	St.Lawrence 230kV Voltage	SBK Edic R945	25.9	218.5	225.4	1898
2595 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	25.9	218.5	225.4	1898
2598 >E	Niagara 230kV East Voltage	Volney-Marcy	23.6	218.5	220.5	2528
2598 >E	Niagara 230kV West Voltage	Volney-Marcy	23.6	218.5	220.5	2528
2598 >E	Somerset 345kV Voltage	Ph2 DC 1500	14.0	327.8	344.3	2831
2614 >E	New Scotland 345kV Voltage Alps	Marcy South N.	16.6	327.8	358.5	3367
2614 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	16.6	327.8	358.5	3367
2622 >E	Niagara 230kV East Voltage	Marcy South S.	25.0	218.5	219.6	3083
2622 >E	Niagara 230kV West Voltage	Marcy South S.	25.0	218.5	219.6	3083
2630 >E	Ramapo 500kV Voltage	Ph2 DC 1500	52.4	500	505.7	2851
2635 >E	Watercure 230kV Voltage	Marcy South N.	21.0	207	233.5	3387
2636 >E	Coopers Corners 345kV Voltage	SBK Edic R945	14.8	327.8	342.2	1925
2636 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	14.8	327.8	342.2	1925
2641 >E	Niagara 230kV East Voltage	SBK Edic R70	26.9	218.5	218.9	2668
2641 >E	Niagara 230kV West Voltage	SBK Edic R70	26.9	218.5	218.9	2668
2642 >E	Niagara 230kV East Voltage	Ravenswood 3	26.8	218.5	218.8	2732
2642 >E	Niagara 230kV West Voltage	Ravenswood 3	26.8	218.5	218.8	2732
2642 >E	Gilboa 345kV Voltage	Marcy South S.	12.5	327.8	334.5	3099
2644 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	11.6	327.8	332.3	2604
2644 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	11.6	327.8	332.3	2604
2647 >E	Niagara 230kV East Voltage	SBK Princetown 345	26.8	218.5	218.6	2449
2647 >E	Niagara 230kV West Voltage	SBK Princetown 345	26.8	218.5	218.6	2449
2651 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr	26.9	218.5	218.5	2616

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2651 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	26.9	218.5	218.5	2616
2651 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	26.9	218.5	218.5	2611
2651 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	26.9	218.5	218.5	2611
2651 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	26.9	218.5	218.5	2641
2651 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	26.9	218.5	218.5	2641
2667 >E	Gilboa 345kV Voltage	Ph2 DC 1500	12.5	327.8	332.8	2874
2667 >E	Ramapo 345kV Voltage	Pre-Fault	48.5	NA	346	2667
2674 >E	Leeds 345kV Voltage	Pre-Fault	25.8	NA	345	2674
2684 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	13.0	327.8	329.3	2772
2684 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	13.0	327.8	329.3	2772
2696 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	13.0	327.8	328.4	2616
2696 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	13.0	327.8	328.4	2616
2697 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	13.4	327.8	328.3	2724
2697 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	13.4	327.8	328.3	2724
2701 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	19.8	327.8	335.0	1917
2707 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	13.4	327.8	327.6	2696
2707 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	13.4	327.8	327.6	2696
2715 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	13.6	327.8	326.9	2680
2715 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	13.6	327.8	326.9	2680
2717 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	13.8	327.8	329.4	2676
2724 >E	Dunwoodie 345kV Voltage	Ravenswood 3	31.1	327.8	336.7	2810
2729 >E	Niagara 230kV East Voltage	SBK Edic R945	35.3	218.5	222.8	1987
2729 >E	Niagara 230kV West Voltage	SBK Edic R945	35.3	218.5	222.8	1987
2729 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	35.3	218.5	222.8	1987
2729 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	35.3	218.5	222.8	1987
2730 >E	Gilboa 345kV Voltage	Ravenswood 3	14.3	327.8	328.4	2817
2733 >E	Sprain Brook 345kV Voltage	Ravenswood 3	31.5	327.8	336.9	2819
2736 >E	Roseton 345kV Voltage	Pre-Fault	39.0	NA	345	2736
2737 >E	Gilboa 345kV Voltage	Volney-Marcy	14.3	327.8	328.0	2653
2740 >E	Gilboa 345kV Voltage	SBK Edic R70	14.5	327.8	327.8	2766
2740 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	14.4	327.8	327.8	2730
2742 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	14.5	327.8	327.6	2706
2756 >E	Ladentown 345kV Voltage	Pre-Fault	52.2	NA	346	2756
2760 >E	Gilboa 345kV Voltage	SBK Princetown 345	14.8	327.8	326.3	2549
2762 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	38.9	218.5	222.3	1955
2768 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	21.5	327.8	337.9	2517

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2799 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	21.7	327.8	336.2	1979
2799 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	18.2	327.8	327.8	1979
2802 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	15.2	327.8	320.4	2587
2802 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	15.2	327.8	320.4	2587
2811 >E	Watercure 230kV Voltage	SBK Edic R945	21.5	207	221.8	2041
2811 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	21.5	207	221.8	2041
2811 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	41.6	218.5	221.2	1987
2811 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	41.6	218.5	221.2	1987
2816 >E	Millwood 345kV Voltage	Ravenswood 3	30.2	327.8	337.4	2899
2821 >E	Buchanan North 345kV Voltage	Ravenswood 3	31.0	327.8	337.6	2904
2821 >E	Niagara 230kV East Voltage	SBK Marcy R3108	45.9	218.5	230.7	2550
2821 >E	Niagara 230kV West Voltage	SBK Marcy R3108	45.9	218.5	230.7	2550
2833 >E	Niagara 345kV Voltage	SBK Marcy R3108	22.5	327.8	352.1	2557
2853 >E	Somerset 345kV Voltage	Volney-Marcy	25.8	327.8	338.9	2757
2858 >E	Rock Tavern 345kV Voltage	Ravenswood 3	22.2	327.8	335.5	2939
2879 >E	Buchanan South 345kV Voltage	Ravenswood 3	30.3	327.8	338.5	2959
2886 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	48.5	218.5	225.9	2590
2893 >E	Somerset 345kV Voltage	Pre-Fault	46.5	NA	338	2893
2908 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	21.9	327.8	333.7	3024
2915 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	22.6	327.8	343.6	2608
2915 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	22.6	327.8	343.6	2608
2946 >E	Bowline 1 345kV Voltage	Pre-Fault	57.6	NA	345	2946
2949 >E	Gilboa 345kV Voltage	SBK Marcy R3108	23.3	327.8	344.3	2629
2951 >E	Leeds 345kV Voltage	Marcy South S.	21.5	327.8	334.2	3350
2964 >E	Gardenville 230kV Voltage	Ph2 DC 1500	24.9	207	219.6	3059
2968 >E	Bowline 2 345kV Voltage	Pre-Fault	57.3	NA	345	2968
2971 >E	Niagara 230kV East Voltage	Marcy South N.	58.5	218.5	231.6	3717
2971 >E	Niagara 230kV West Voltage	Marcy South N.	58.5	218.5	231.6	3717
2990 >E	Ramapo 500kV Voltage	SBK Edic R70	66.8	500	500.6	3011
2998 >E	Niagara 345kV Voltage	Marcy South N.	29.0	327.8	354.0	3744
3001 >E	Ramapo 345kV Voltage	Ravenswood 3	31.2	327.8	339.1	3076
3005 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	30.2	327.8	333.4	3080
3005 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	35.3	327.8	330.0	3084
3007 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	68.6	500	500.4	2959
3009 >E	Gilboa 345kV Voltage	SBK Edic R945	24.1	327.8	338.5	2172
3009 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	24.1	327.8	338.4	2172
3014 >E	Somerset 345kV Voltage	Marcy South S.	31.7	327.8	335.4	3402
3015 >E	Ramapo 500kV Voltage	Volney-Marcy	69.6	500	500.3	2903
3015 >E	Ramapo 500kV Voltage	SBK Princetown 345	69.9	500	500.3	2776
3015 >E	Ladentown 345kV Voltage	Ravenswood 3	30.7	327.8	341.0	3089
3020 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	36.0	327.8	330.2	3094

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
3029 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	70.4	500	500.1	2988
3032 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	70.6	500	500.0	3021
3034 >E	Ramapo 500kV Voltage	Pre-Fault	70.7	NA	500	3034
3037 >E	Rock Tavern 345kV Voltage	SBK Edic R70	27.0	327.8	329.1	3058
3044 >E	Watercure 230kV Voltage	Ph2 DC 1500	30.7	207	234.2	3109
3056 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	36.0	327.8	332.5	3116
3058 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	27.5	327.8	328.3	3009
3059 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	28.4	327.8	331.8	3118
3061 >E	Bowline 1 345kV Voltage	Ravenswood 3	30.5	327.8	343.0	3134
3064 >E	Rock Tavern 345kV Voltage	SBK Princeton 345	27.8	327.8	328.1	2820
3071 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	27.9	327.8	327.9	3029
3073 >E	Rock Tavern 345kV Voltage	Princeton-N.Scot 345	28.0	327.8	327.8	3061
3075 >E	Bowline 2 345kV Voltage	Ravenswood 3	30.5	327.8	343.1	3147
3078 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	40.8	327.8	328.3	3029
3079 >E	Ramapo 500kV Voltage	SBK Edic R945	84.5	500	504.8	2218
3079 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	84.5	500	504.8	2218
3079 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	25.7	327.8	333.0	2218
3079 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	25.7	327.8	333.0	2218
3079 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	25.7	327.8	333.0	2218
3079 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	25.7	327.8	333.0	2218
3080 >E	Dunwoodie 345kV Voltage	SBK Edic R70	41.1	327.8	328.2	3100
3082 >E	Millwood 345kV Voltage	Ph2 DC 1500	34.4	327.8	331.1	3132
3085 >E	Rock Tavern 345kV Voltage	Volney-Marcy	28.2	327.8	327.4	2966
3086 >E	Gardenville 230kV Voltage	Pre-Fault	46.5	NA	217	3086
3087 >E	Pleasant Valley 345kV Voltage	Marcy South S.	33.1	327.8	331.0	3461
3090 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	32.7	207	215.7	2163
3099 >E	Dunwoodie 345kV Voltage	Princeton-N.Scot 345	41.9	327.8	327.8	3087
3101 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	41.8	327.8	328.3	3050
3101 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	42.0	327.8	327.7	3059
3102 >E	Sprain Brook 345kV Voltage	SBK Edic R70	42.0	327.8	328.3	3122
3117 >E	Dunwoodie 345kV Voltage	Volney-Marcy	42.6	327.8	327.3	2995
3117 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	25.8	327.8	327.8	3067
3117 >E	Leeds 345kV Voltage	Volney-Marcy	25.8	327.8	327.8	2995
3117 >E	Leeds 345kV Voltage	SBK Edic R70	25.8	327.8	327.8	3137
3117 >E	Leeds 345kV Voltage	SBK Princeton 345	25.8	327.8	327.8	2867
3117 >E	Leeds 345kV Voltage	Princeton-N.Scot 345	25.8	327.8	327.8	3105
3117 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	25.8	327.8	327.8	3075

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3117 >E	Leeds 345kV Voltage	Ph2 DC 1500	25.8	327.8	327.8	3154
3117 >E	Leeds 345kV Voltage	Ravenswood 3	25.8	327.8	327.8	3187
3122 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	42.9	327.8	327.8	3110
3123 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	42.6	327.8	327.2	2873
3124 >E	Gordon Rd 345kV Voltage	SBK Edic R945	28.0	327.8	317.6	2248
3124 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	28.0	327.8	317.6	2248
3125 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	43.0	327.8	327.7	3082
3141 >E	Sprain Brook 345kV Voltage	Volney-Marcy	43.6	327.8	327.3	3016
3147 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	43.7	327.8	327.2	2894
3153 >E	Roseton 345kV Voltage	Ravenswood 3	32.6	327.8	334.3	3222
3157 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	33.2	327.8	329.0	3105
3162 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	35.9	327.8	332.1	3182
3187 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	34.4	327.8	328.1	3206
3192 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	40.7	327.8	328.5	3140
3195 >E	Millwood 345kV Voltage	SBK Edic R70	41.0	327.8	328.4	3214
3197 >E	Gardenville 230kV Voltage	SBK Marcy R3108	38.8	207	228.2	2784
3200 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	34.7	327.8	327.7	3188
3206 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	34.9	327.8	327.6	3162
3207 >E	Dunwoodie 345kV Voltage	Marcy South S.	47.2	327.8	325.2	3558
3212 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	35.0	327.8	327.4	3080
3221 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	41.9	327.8	327.8	3208
3224 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	42.0	327.8	327.7	3180
3226 >E	Roseton 345kV Voltage	Ph2 DC 1500	32.1	327.8	332.4	3222
3231 >E	Buchanan North 345kV Voltage	SBK Edic R70	44.2	327.8	328.7	3249
3241 >E	Sprain Brook 345kV Voltage	Marcy South S.	48.6	327.8	325.0	3586
3241 >E	Millwood 345kV Voltage	Volney-Marcy	42.6	327.8	327.3	3107
3243 >E	Ramapo 345kV Voltage	Ph2 DC 1500	37.1	327.8	334.1	3232
3246 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	44.7	327.8	328.4	3192
3250 >E	Millwood 345kV Voltage	SBK Princetown 345	42.8	327.8	327.1	2986
3252 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	36.0	327.8	326.2	2988
3263 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	104.9	500	503.5	2272
3273 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	45.9	327.8	327.8	3260
3273 >E	Gardenville 230kV Voltage	Volney-Marcy	36.8	207	213.0	3135
3273 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	45.9	327.8	327.8	3228
3283 >E	Buchanan North 345kV Voltage	SBK Princetown 345	46.2	327.8	327.6	3015
3293 >E	Buchanan North 345kV Voltage	Volney-Marcy	46.6	327.8	327.4	3153
3313 >E	Somerset 345kV Voltage	SBK Edic R70	46.6	327.8	329.0	3330

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3315 >E	Somerset 345kV Voltage	Ravenswood 3	45.4	327.8	328.9	3376
3318 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	33.4	327.8	325.5	2307
3318 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	33.4	327.8	325.5	2307
3321 >E	Buchanan South 345kV Voltage	SBK Edic R70	43.4	327.8	328.6	3337
3323 >E	Somerset 345kV Voltage	SBK Princetown 345	44.9	327.8	328.8	3050
3324 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	43.4	327.8	328.5	3269
3340 >E	Niagara 345kV Voltage	Ph2 DC 1500	35.4	327.8	359.4	3292
3351 >E	Millwood 345kV Voltage	Marcy South S.	47.8	327.8	324.7	3675
3356 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	44.7	327.8	327.8	3343
3359 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	44.8	327.8	327.7	3312
3359 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	46.2	327.8	328.0	3312
3359 >E	Gardenville 230kV Voltage	Marcy South S.	40.2	207	211.1	3682
3360 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	46.3	327.8	327.9	3304
3363 >E	Gardenville 230kV Voltage	Marcy South N.	47.2	207	230.3	4102
3364 >E	Ramapo 500kV Voltage	Marcy South S.	109.1	500	495.3	3686
3364 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	36.1	327.8	328.8	2336
3365 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	46.4	327.8	327.8	3352
3374 >E	Ladentown 345kV Voltage	Ph2 DC 1500	40.1	327.8	334.2	3314
3379 >E	Buchanan South 345kV Voltage	Volney-Marcy	45.5	327.8	327.3	3230
3379 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	38.0	327.8	328.5	3323
3380 >E	Roseton 345kV Voltage	SBK Edic R70	38.2	327.8	328.5	3395
3381 >E	Buchanan South 345kV Voltage	SBK Princetown 345	45.4	327.8	327.2	3103
3407 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	39.0	327.8	327.8	3394
3410 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	39.0	327.8	327.7	3362
3423 >E	Roseton 345kV Voltage	Volney-Marcy	39.4	327.8	327.4	3270
3428 >E	Roseton 345kV Voltage	SBK Princetown 345	39.5	327.8	327.2	3145
3470 >E	Ramapo 500kV Voltage	SBK Marcy R3108	122.1	500	504.4	2955
3481 >E	Ramapo 345kV Voltage	SBK Edic R70	46.1	327.8	329.2	3495
3515 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	47.2	327.8	328.5	3456
3521 >E	Gardenville 230kV Voltage	SBK Princetown 345	45.6	207	207.7	3227
3524 >E	Gardenville 230kV Voltage	Ravenswood 3	45.7	207	207.6	3577
3533 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	43.6	327.8	334.8	3413
3535 >E	Gardenville 230kV Voltage	SBK Edic R70	46.5	207	207.4	3548
3546 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	46.4	207	207.1	3486
3546 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	46.4	207	207.1	3496
3546 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	47.5	327.8	339.4	2527
3546 >E	Rock Tavern 345kV Voltage	SBK Edic R945	47.5	327.8	339.4	2527

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3548 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	48.4	327.8	327.8	3498
3549 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	48.5	327.8	327.8	3534
3550 >E	Ramapo 345kV Voltage	SBK Princetown 345	48.5	327.8	327.8	3253
3550 >E	Gardenville 230kV Voltage	Princeton-N.Scot 345	46.5	207	207.0	3536
3562 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	44.0	327.8	334.6	3431
3577 >E	Ramapo 345kV Voltage	Volney-Marcy	49.4	327.8	327.2	3408
3613 >E	Buchanan South 345kV Voltage	Marcy South S.	54.3	327.8	322.0	3888
3638 >E	Ladentown 345kV Voltage	SBK Edic R70	49.9	327.8	329.1	3649
3666 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	50.8	327.8	328.6	3603
3701 >E	Roseton 345kV Voltage	Marcy South S.	49.0	327.8	320.2	3960
3706 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	52.2	327.8	327.8	3691
3706 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	52.2	327.8	327.8	3653
3716 >E	Ladentown 345kV Voltage	SBK Princetown 345	52.5	327.8	327.6	3401
3735 >E	Buchanan North 345kV Voltage	Marcy South S.	62.9	327.8	317.7	3988
3737 >E	Ladentown 345kV Voltage	Volney-Marcy	53.2	327.8	327.2	3552
3815 >E	Leeds 345kV Voltage	Marcy South N.	51.2	327.8	360.9	4546
3854 >E	Bowline 1 345kV Voltage	SBK Edic R70	54.9	327.8	329.2	3862
3871 >E	Bowline 2 345kV Voltage	SBK Edic R70	54.7	327.8	329.2	3879
3890 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	56.0	327.8	328.6	3822
3906 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	55.7	327.8	328.6	3838
3936 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	57.6	327.8	327.8	3920
3937 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	57.6	327.8	327.8	3880
3947 >E	Bowline 1 345kV Voltage	SBK Princetown 345	57.9	327.8	327.6	3607
3953 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	57.3	327.8	327.8	3937
3953 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	57.3	327.8	327.8	3897
3964 >E	Bowline 2 345kV Voltage	SBK Princetown 345	57.6	327.8	327.6	3622
3974 >E	Bowline 1 345kV Voltage	Volney-Marcy	58.8	327.8	327.2	3766
3990 >E	Bowline 2 345kV Voltage	Volney-Marcy	58.5	327.8	327.2	3780
4018 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	65.2	327.8	333.5	2750
4163 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	70.9	327.8	335.9	3387
4167 >E	Rainey 345kV Voltage	Ravenswood 3	85.7	327.8	343.1	4192
4284 >E	Farragut 345kV Voltage	Ravenswood 3	91.0	327.8	342.4	4304
4341 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	65.0	327.8	327.8	3053
4341 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	65.0	327.8	327.8	2954
4341 >E	Leeds 345kV Voltage	SBK Edic R945	65.0	327.8	327.8	3053
4391 >E	Buchanan North 345kV Voltage	SBK Edic R945	100.7	327.8	335.1	3086
4391 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	100.7	327.8	335.0	3086

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4468 >E	Ladentown 345kV Voltage	Marcy South S.	76.1	327.8	313.2	4584
4498 >E	Ramapo 345kV Voltage	Marcy South S.	78.7	327.8	308.2	4608
4524 >E	Gilboa 345kV Voltage	Marcy South N.	75.4	327.8	371.8	5243
4571 >E	Rock Tavern 345kV Voltage	Marcy South S.	70.3	327.8	274.3	4668
4582 >E	Ramapo 345kV Voltage	SBK Edic R945	90.8	327.8	338.0	3212
4582 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	90.8	327.8	338.0	3213
4707 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	91.2	327.8	330.4	3295
4707 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	91.2	327.8	330.4	3295
4717 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	85.7	327.8	335.0	3302
4717 >E	Roseton 345kV Voltage	SBK Edic R945	85.7	327.8	335.0	3302
4807 >E	Bowline 1 345kV Voltage	Marcy South S.	84.0	327.8	312.7	4859
4830 >E	Bowline 2 345kV Voltage	Marcy South S.	83.6	327.8	312.5	4878
4929 >E	Watercure 230kV Voltage	Volney-Marcy	108.5	207	238.4	4624
4948 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	120.1	327.8	332.8	3455
4948 >E	Millwood 345kV Voltage	SBK Edic R945	120.1	327.8	332.8	3455
4952 >E	Leeds 345kV Voltage	SBK Marcy R3108	83.3	327.8	327.8	3879
4967 >E	Rainey 345kV Voltage	Pre-Fault	156.5	NA	338	4967
4975 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	128.3	327.8	331.2	3355
4975 >E	Buchanan South 345kV Voltage	SBK Edic R945	113.8	327.8	334.4	3473
4976 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	113.8	327.8	334.4	3473
5010 >E	Farragut 345kV Voltage	Pre-Fault	164.3	NA	338	5010
5035 >E	Sprain Brook 345kV Voltage	SBK Edic R945	142.0	327.8	331.9	3512
5036 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	142.1	327.8	331.9	3513
5055 >E	Dunwoodie 345kV Voltage	SBK Edic R945	143.7	327.8	331.8	3525
5055 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	143.7	327.8	331.8	3526
5104 >E	Ladentown 345kV Voltage	SBK Edic R945	105.9	327.8	337.7	3558
5104 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	105.9	327.8	337.7	3558
5136 >E	Goethals 345kV Voltage	Ravenswood 3	125.1	327.8	341.3	5121
5182 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	108.7	327.8	325.8	3486
5291 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	118.6	327.8	333.2	3555
5330 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	117.9	327.8	333.2	4115
5338 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	107.3	327.8	329.7	3585
5560 >E	Bowline 1 345kV Voltage	SBK Edic R945	116.4	327.8	338.4	3859
5560 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	116.4	327.8	338.4	3860
5596 >E	Bowline 2 345kV Voltage	SBK Edic R945	115.9	327.8	338.5	3884
5597 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	115.9	327.8	338.5	3884
5627 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	150.1	327.8	328.5	3768
5638 >E	Coopers Corners 345kV Voltage	Marcy South S.	79.5	327.8	34.4	5536
5687 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	143.5	327.8	329.9	3806
5697 >E	Roseton 345kV Voltage	SBK Marcy R3108	121.4	327.8	333.8	4344
5713 >E	Niagara 345kV Voltage	Volney-Marcy	114.3	327.8	361.7	5330

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5725 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	164.9	327.8	333.0	4361
5734 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	177.3	327.8	328.1	3836
5759 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	179.4	327.8	328.0	3852
5807 >E	Rainey 345kV Voltage	Ph2 DC 1500	127.6	327.8	332.6	4827
5886 >E	Goethals 345kV Voltage	Pre-Fault	224.3	NA	338	5886
5895 >E	Farragut 345kV Voltage	Ph2 DC 1500	133.5	327.8	332.6	4882
5930 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	136.7	327.8	332.8	3960
5991 >E	Ramapo 345kV Voltage	SBK Marcy R3108	146.4	327.8	334.7	4527
6441 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	152.0	327.8	328.6	6316
6466 >E	Rainey 345kV Voltage	SBK Edic R70	153.1	327.8	328.4	6431
6519 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	150.2	327.8	333.2	4332
6560 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	159.6	327.8	328.6	6432
6565 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	149.6	327.8	333.2	4362
6567 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	156.6	327.8	327.8	6539
6581 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	157.1	327.8	327.7	6478
6585 >E	Farragut 345kV Voltage	SBK Edic R70	160.7	327.8	328.4	6549
6634 >E	Millwood 345kV Voltage	SBK Marcy R3108	199.3	327.8	331.8	4928
6663 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	187.1	327.8	332.8	4946
6666 >E	Rainey 345kV Voltage	Volney-Marcy	160.0	327.8	327.1	6187
6676 >E	Rainey 345kV Voltage	SBK Princetown 345	160.1	327.8	327.1	6039
6692 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	164.5	327.8	327.8	6663
6706 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	165.0	327.8	327.7	6602
6795 >E	Farragut 345kV Voltage	Volney-Marcy	168.1	327.8	327.1	6303
6804 >E	Farragut 345kV Voltage	SBK Princetown 345	168.2	327.8	327.1	6153
6867 >E	Ladentown 345kV Voltage	SBK Marcy R3108	172.4	327.8	334.6	5074
7043 >E	Goethals 345kV Voltage	Ph2 DC 1500	179.8	327.8	332.8	5596
7057 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	250.4	327.8	330.7	5192
7095 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	253.7	327.8	330.6	5216
7259 >E	Rainey 345kV Voltage	Marcy South S.	181.5	327.8	323.4	6853
7412 >E	Farragut 345kV Voltage	Marcy South S.	191.0	327.8	323.4	6978
7645 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	190.7	327.8	335.0	5559
7697 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	189.7	327.8	335.1	5592
8003 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	217.8	327.8	328.6	7842
8036 >E	Goethals 345kV Voltage	SBK Edic R70	219.2	327.8	328.4	7976
8181 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	224.6	327.8	327.8	8145
8198 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	225.2	327.8	327.7	8068
8329 >E	Goethals 345kV Voltage	Volney-Marcy	230.0	327.8	327.1	7683
8332 >E	Goethals 345kV Voltage	SBK Princetown 345	229.8	327.8	327.1	7515

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
9026 >E	Niagara 345kV Voltage	Marcy South S.	220.9	327.8	364.9	8291
9164 >E	Goethals 345kV Voltage	Marcy South S.	261.5	327.8	323.4	8403
12746 >E	Watercure 230kV Voltage	Marcy South S.	408.9	207	255.8	11316
13265 >E	Pleasant Valley 345kV Voltage	Marcy South N.	438.2	327.8	413.6	13827
14564 >E	Rainey 345kV Voltage	SBK Edic R945	449.3	327.8	334.0	9817
14572 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	449.5	327.8	334.0	9822
14730 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	464.8	327.8	333.9	9927
14730 >E	Farragut 345kV Voltage	SBK Edic R945	464.8	327.8	333.9	9926
17549 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	557.8	327.8	328.9	11312
17739 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	576.5	327.8	328.9	11432
19275 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	647.0	327.8	334.0	12933
19275 >E	Goethals 345kV Voltage	SBK Edic R945	647.0	327.8	334.0	12933
23425 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	804.4	327.8	329.1	15030
24789 >E	Rainey 345kV Voltage	SBK Marcy R3108	826.6	327.8	331.3	16256
25368 >E	Farragut 345kV Voltage	SBK Marcy R3108	865.3	327.8	331.2	16617
36340 >E	Goethals 345kV Voltage	SBK Marcy R3108	1300.8	327.8	330.5	23462
56973 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	4294.6	131.1	134.6	37874
56973 >E	Northport 138kV Voltage	SBK Edic R945	4294.6	131.1	134.6	37873
72181 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	5487.6	131.1	132.0	45880
99998 >E	Bowline 1 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
99998 >E	Bowline 2 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
99998	Buchanan North 345kV Voltage	Marcy South N.	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Buchanan South 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Coopers Corners 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Fraser 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R945	NA	207	NA	99998
>E						
99998	Ladentown 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Millwood 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998
99998 >E	Rainey 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
99998 >E	Ramapo 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
99998 >E	Ramapo 500kV Voltage	Marcy South N.	NA	500	NA	99998
99998 >E	Rock Tavern 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
99998 >E	Roseton 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
99998	Sprain Brook 345kV Voltage	Marcy South N.	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

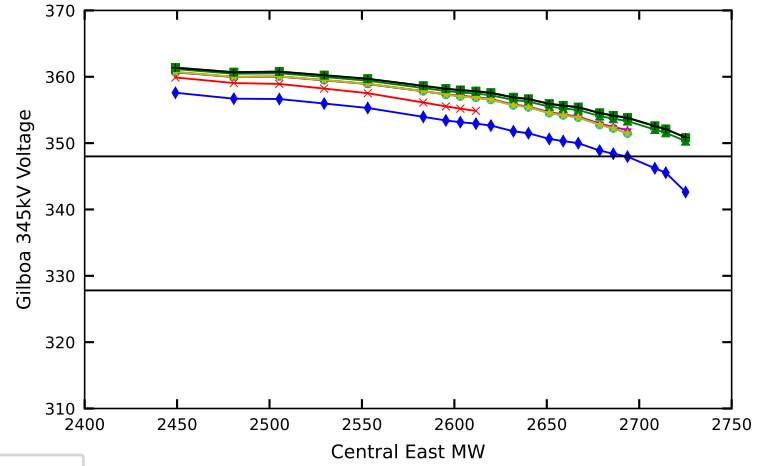
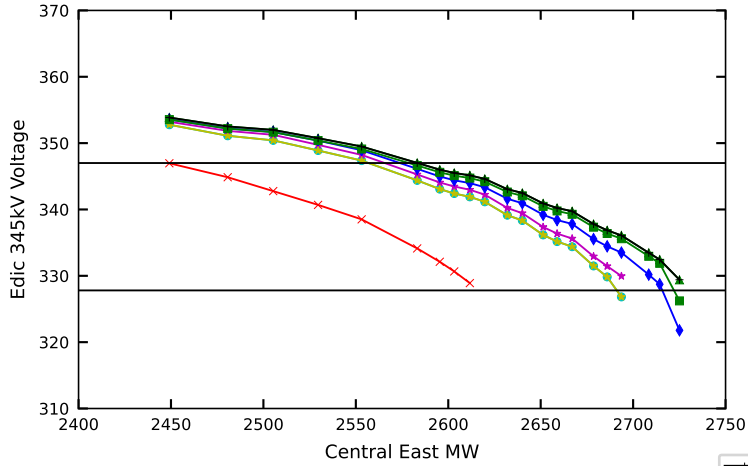
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\0S\Sum2023_CEVC_PH2_10_0S.xlsx

1: 2023S CEVC PH2 CE2130 MS2270 DE1300 10 0S

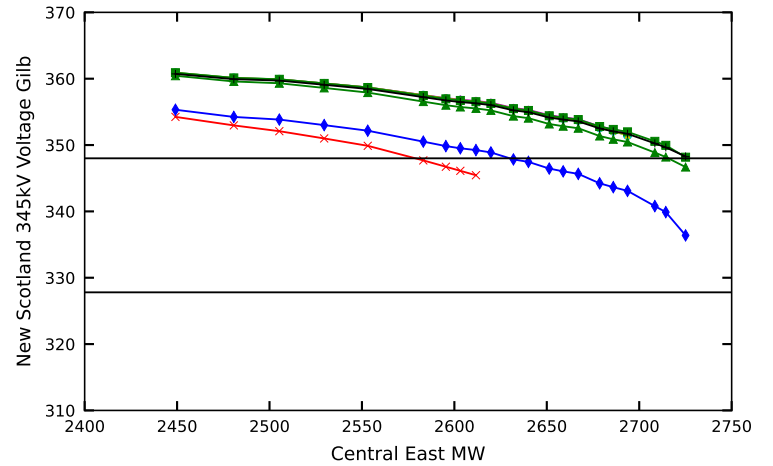
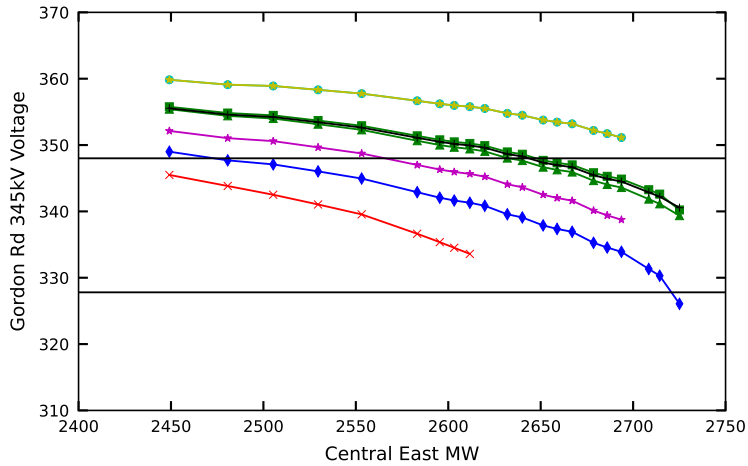
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99999	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

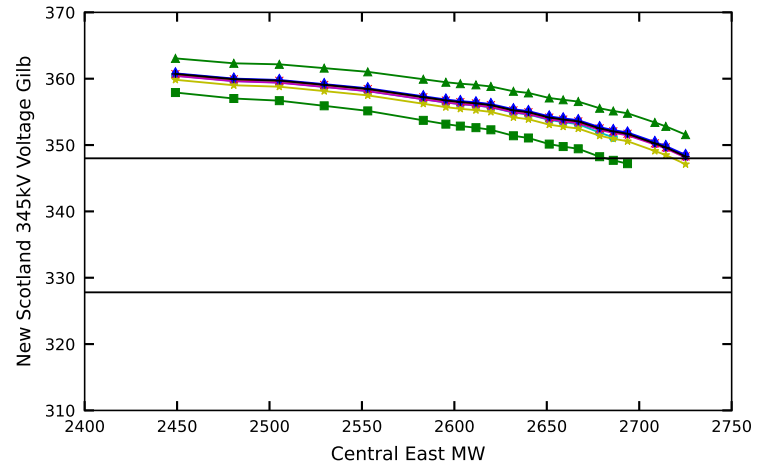
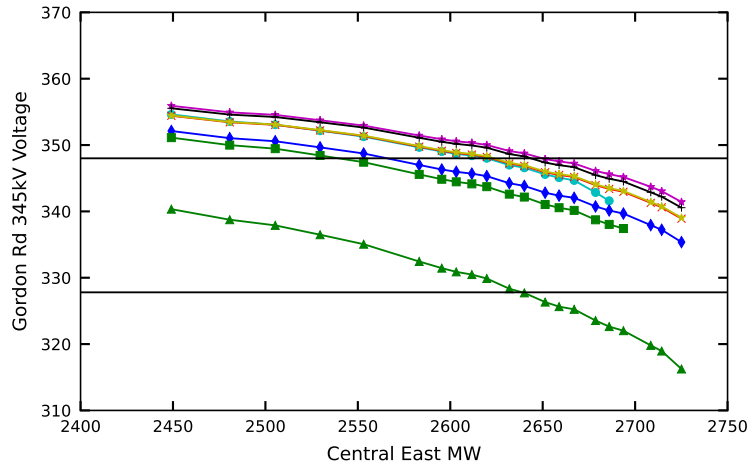
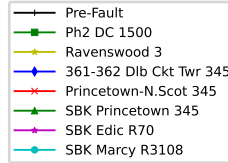
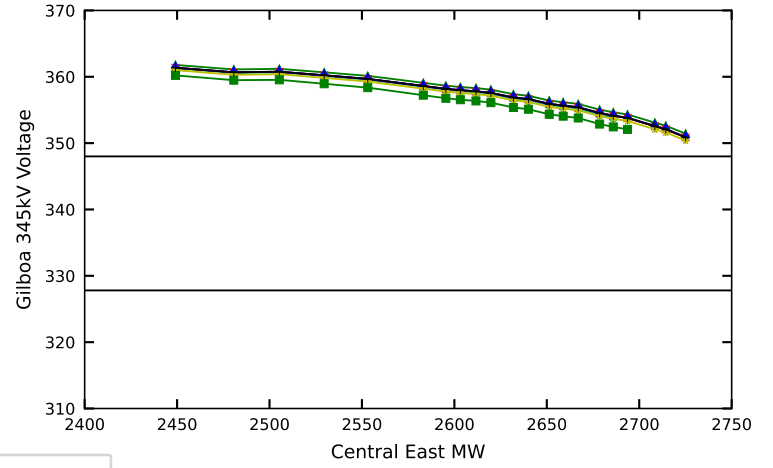
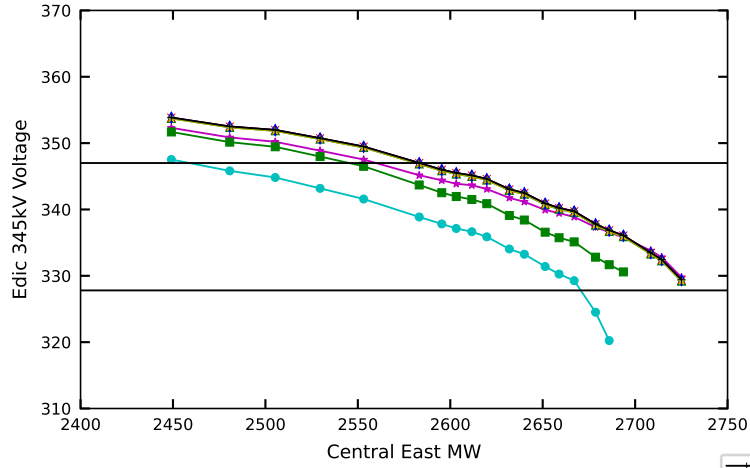
1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A Figure 1



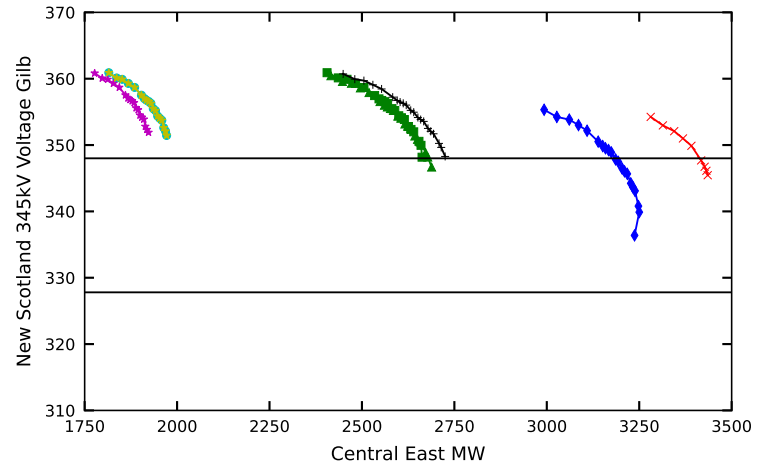
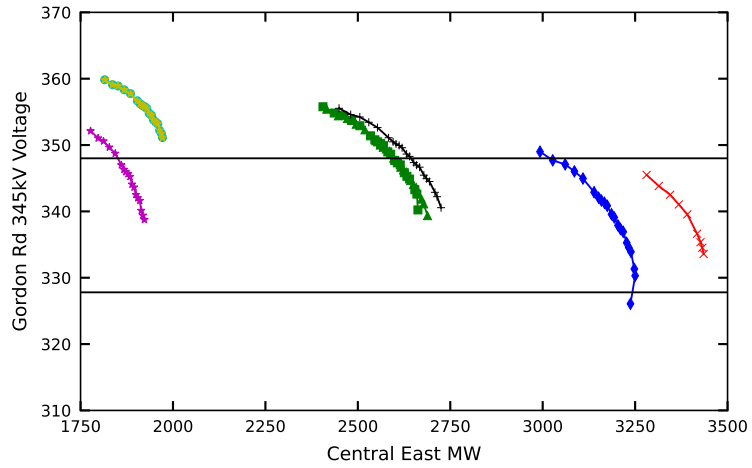
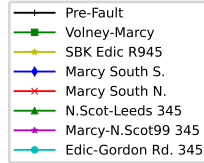
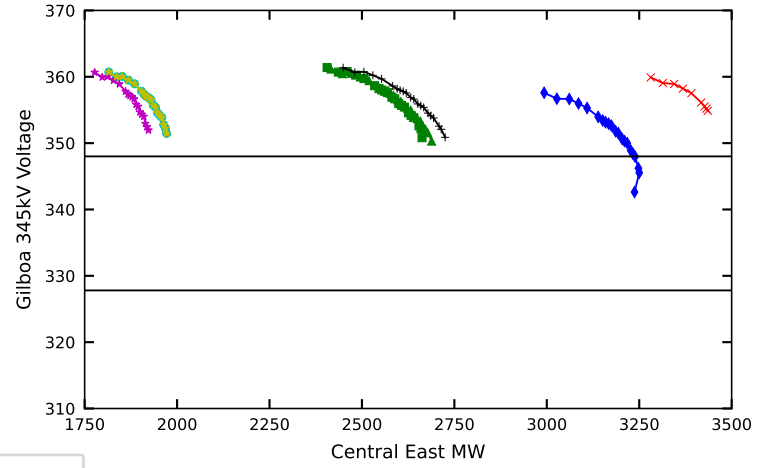
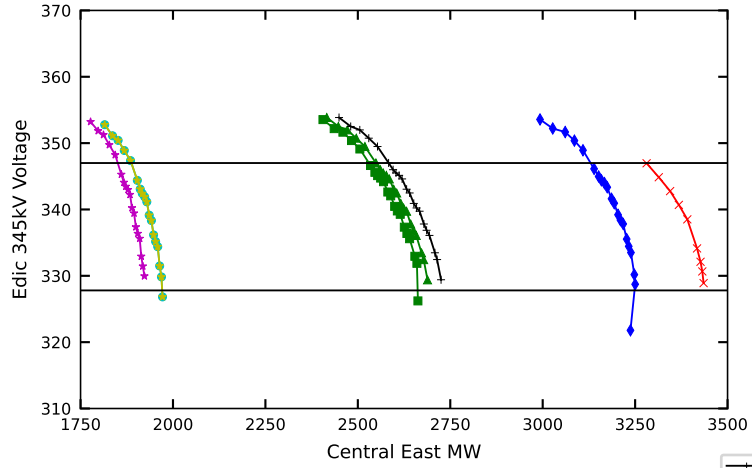
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



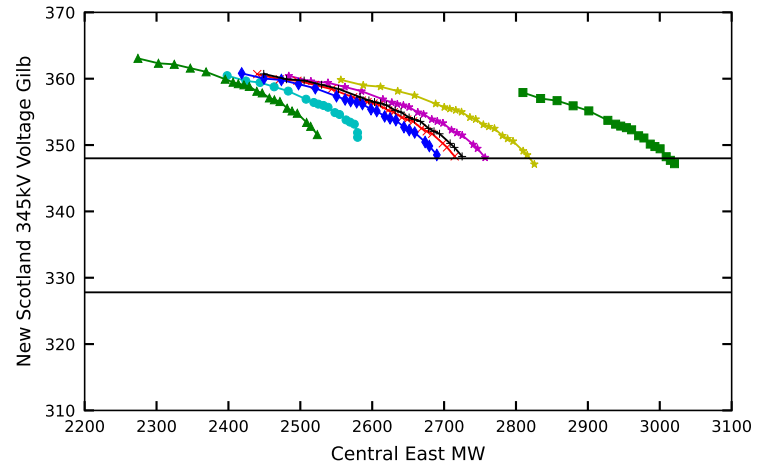
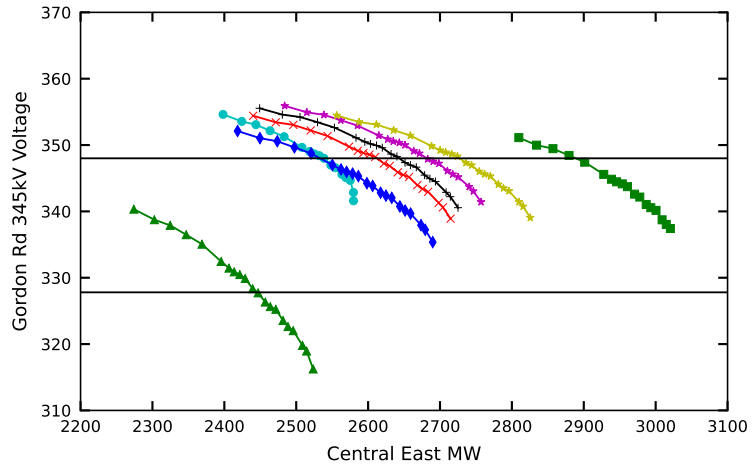
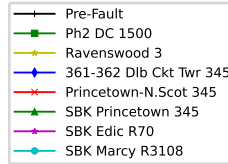
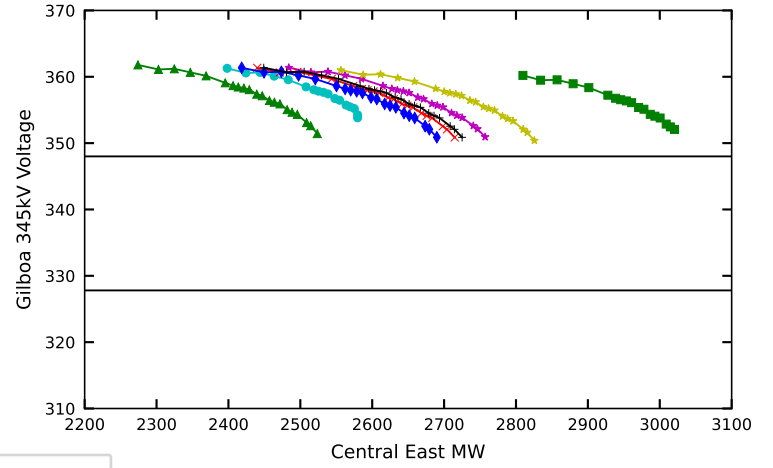
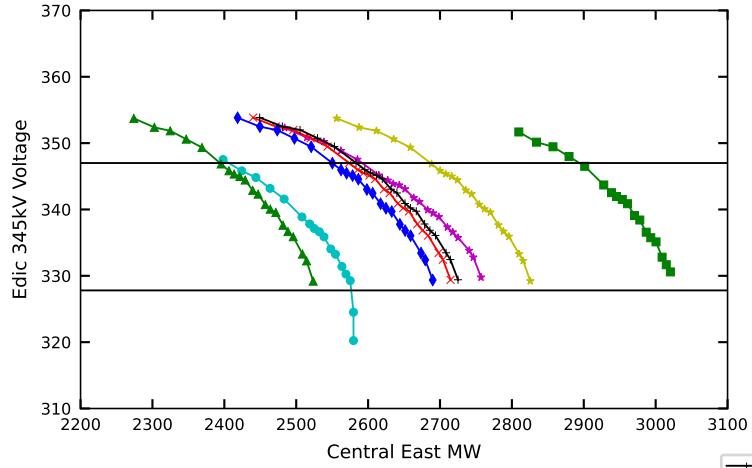
1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A Figure 2



1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A Figure 1



1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 1O 1A

Interface: Central East

Transfer r MW	base	ce0 1	ce0 2	ce0 3	ce0 7	ce0 8	ce1 1	ce1 3	ce1 5	ce2 0	ce3 0	ce3 1	ce3 2	log0 9	log1 5
2449	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2480	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2505	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2529	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2553	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2583	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2595	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2603	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2611	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2619	t1 0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2631	t1 1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2640	t1 2	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2651	t1 3	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2658	t1 4	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2667	t1 5	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2678	t1 6	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2685	t1 7	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2693	t1 8	0	0	0	0	2	0	0	2	0	0	0	0	0	0
2708	t1 9	0	2	2	0	2	0	2	2	0	0	0	0	0	1
2714	t2 0	0	2	2	0	2	0	2	2	0	0	0	0	0	2
2725	t2 1	0	2	2	0	2	0	2	2	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\1A\Sum2023_CEVC_PH2_10_1A.xlsx

1: 2023S CEVC PH2 CE2500 MS2270 DE1300 1O 1A

Interface: Central East

	t	t	t	t	t	t	t	t	t	t1	t1	t1	t1	t1	t1	t1	t1	t1	t1	t2	t2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown -N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2366 <E	Dunwoodie 345kV Voltage	Pre-Fault	86.1	NA	348	2366
2373 <E	Sprain Brook 345kV Voltage	Pre-Fault	86.4	NA	348	2373
2481	limit with 5% margin	Marcy South N.	NA	NA	NA	3263
2551	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2450
2558	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1873
2558	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1826
2558	limit with 5% margin	SBK Edic R945	NA	NA	NA	1873
2558	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2869
2572	Marcy 345kV Voltage	Pre-Fault	12.1	NA	348	2572
2578	limit with 5% margin	Marcy South S.	NA	NA	NA	3087
2583	Edic 345kV Voltage	Pre-Fault	12.0	NA	347	2583
2588	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2554
2588	limit with 5% margin	Volney-Marcy	NA	NA	NA	2529
2588	limit with 5% margin	SBK Edic R70	NA	NA	NA	2619
2588	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2397
2588	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2578
2588	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2555
2588	limit with 5% margin	Ravenswood 3	NA	NA	NA	2684
2600	Pannell Road 345kV Voltage	Pre-Fault	25.1	NA	346	2600
2604	Clay 345kV Voltage	Pre-Fault	22.7	NA	345	2604
2605	Station 80 345kV Voltage	Pre-Fault	28.6	NA	346	2605
2614 >E	Clay 345kV Voltage	Marcy South N.	4.6	327.8	344.6	3436
2616 >E	Edic 345kV Voltage	Marcy South N.	4.8	327.8	344.9	3437
2619 >E	Marcy 345kV Voltage	Marcy South N.	4.8	327.8	344.9	3438
2638	Gordon Rd 345kV Voltage	SBK Princetown 345	13.0	327.8	348.3	2445
2643	Gordon Rd 345kV Voltage	Pre-Fault	12.0	NA	348	2643
2650	Millwood 345kV Voltage	Pre-Fault	25.3	NA	348	2650
2664 >E	Gordon Rd 345kV Voltage	Marcy South N.	9.1	327.8	348.4	3457
2669 >E	Pannell Road 345kV Voltage	Marcy South N.	7.7	327.8	344.0	3459
2670	Edic 345kV Voltage	SBK Marcy R3108	2.4	327.8	339.1	2576
2671	Clay 345kV Voltage	SBK Marcy R3108	2.2	327.8	339.3	2577
2690	Marcy 345kV Voltage	SBK Edic R945	2.6	327.8	336.5	1970
2690	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.6	327.8	336.5	1970
2691	Edic 345kV Voltage	SBK Edic R945	2.6	327.8	336.3	1970
2691	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.6	327.8	336.3	1970
2691 >E	Station 80 345kV Voltage	Marcy South N.	8.3	327.8	343.0	3468
2692 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	2.4	327.8	339.9	2579
2693	Clay 345kV Voltage	SBK Edic R945	2.4	327.8	336.8	1971
2693	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.4	327.8	336.8	1971
2699 >E	Oakdale 345kV Voltage	Marcy South N.	7.2	320	347.3	3472

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\1A\Sum2023_CEVC_PH2_10_1A.xlsx

1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2702 >E	Station 80 345kV Voltage	SBK Marcy R3108	2.9	327.8	340.1	2579
2704 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	5.2	327.8	335.0	1929
2709 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.2	327.8	334.6	1931
2710 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	5.4	327.8	335.2	1932
2713 >E	Edic 345kV Voltage	Ph2 DC 1500	7.1	327.8	334.1	3035
2714	Buchanan North 345kV Voltage	Pre-Fault	42.8	NA	346	2714
2715 >E	Marcy 345kV Voltage	Ph2 DC 1500	7.1	327.8	333.9	3036
2717	Clay 345kV Voltage	Volney-Marcy	1.6	327.8	333.1	2660
2718 >E	Edic 345kV Voltage	Marcy South S.	4.1	327.8	331.8	3251
2719 >E	Marcy 345kV Voltage	Marcy South S.	4.1	327.8	331.6	3252
2721 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.6	320	337.8	2579
2721 >E	Pannell Road 345kV Voltage	SBK Edic R945	4.1	327.8	338.3	1982
2721 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	4.1	327.8	338.3	1982
2722	Edic 345kV Voltage	Volney-Marcy	1.9	327.8	330.3	2661
2723	Marcy 345kV Voltage	Volney-Marcy	1.9	327.8	329.9	2662
2727 >E	New Scotland 345kV Voltage Alps	Pre-Fault	7.9	NA	348	2727
2727 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	7.9	NA	348	2727
2727 >E	Oakdale 345kV Voltage	Pre-Fault	4.0	NA	335	2727
2728 >E	Clay 345kV Voltage	Marcy South S.	4.6	327.8	331.9	3255
2728 >E	Clay 345kV Voltage	Ph2 DC 1500	7.3	327.8	333.4	3046
2728 >E	Gordon Rd 345kV Voltage	Marcy South S.	5.8	327.8	340.6	3255
2729 >E	Edic 345kV Voltage	SBK Princetown 345	3.5	327.8	328.0	2527
2730 >E	Edic 345kV Voltage	Ravenswood 3	3.5	327.8	328.0	2830
2730 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.5	327.8	327.8	2695
2730 >E	Edic 345kV Voltage	Princetown-N.Scot 345	3.5	327.8	327.8	2720
2730 >E	Edic 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	327.8	2693
2730 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	327.8	2694
2730 >E	Marcy 345kV Voltage	Ravenswood 3	3.5	327.8	327.8	2830
2730 >E	Marcy 345kV Voltage	SBK Edic R70	3.5	327.8	327.8	2762
2730 >E	Marcy 345kV Voltage	SBK Princetown 345	3.5	327.8	327.8	2528
2730 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	3.5	327.8	327.8	2720
2730 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.5	327.8	327.8	2695
2732 >E	Edic 345kV Voltage	SBK Edic R70	3.5	327.8	327.4	2764
2733 >E	Oakdale 345kV Voltage	SBK Edic R945	3.1	320	337.7	1986
2733 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.1	320	337.7	1986
2733 >E	Clay 345kV Voltage	SBK Princetown 345	3.5	327.8	328.5	2531
2734 >E	Clay 345kV Voltage	Ravenswood 3	3.5	327.8	328.3	2834
2736 >E	Clay 345kV Voltage	SBK Edic R70	3.6	327.8	327.9	2768
2736 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr	3.6	327.8	327.9	2700

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2736 >E	Clay 345kV Voltage	N.Scot-Leeds 345	3.6	327.8	327.9	2699
2736 >E	Clay 345kV Voltage	Princetown-N.Scot 345	3.6	327.8	327.8	2725
2737 >E	Pannell Road 345kV Voltage	Volney-Marcy	2.6	327.8	334.8	2665
2737 >E	Station 80 345kV Voltage	SBK Edic R945	5.0	327.8	338.5	1988
2737 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.0	327.8	338.5	1988
2746 >E	Pleasant Valley 345kV Voltage	Pre-Fault	18.6	NA	348	2746
2747 >E	Fraser 345kV Voltage	Pre-Fault	4.7	NA	338	2747
2748 >E	Station 80 345kV Voltage	Volney-Marcy	3.1	327.8	335.3	2668
2750 >E	Gilboa 345kV Voltage	Pre-Fault	8.8	NA	348	2750
2751 >E	Oakdale 345kV Voltage	Volney-Marcy	2.5	320	329.0	2669
2753 >E	Rock Tavern 345kV Voltage	Pre-Fault	14.8	NA	348	2753
2756 >E	Fraser 345kV Voltage	SBK Edic R945	4.0	327.8	342.9	1995
2756 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.0	327.8	342.9	1995
2757 >E	Marcy 345kV Voltage	SBK Marcy R3108	7.8	327.8	327.8	2580
2761 >E	Coopers Corners 345kV Voltage	Pre-Fault	6.5	NA	338	2761
2767 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	5.9	327.8	339.0	2580
2767 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	8.6	327.8	335.3	1964
2768 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	5.8	327.8	333.8	2732
2770 >E	Coopers Corners 345kV Voltage	SBK Edic R945	6.3	327.8	343.4	2000
2770 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.3	327.8	343.4	2000
2770 >E	St.Lawrence 230kV Voltage	Pre-Fault	15.1	NA	225	2770
2771 >E	Pannell Road 345kV Voltage	SBK Princetown 345	5.3	327.8	328.5	2563
2771 >E	Pannell Road 345kV Voltage	Ravenswood 3	5.3	327.8	328.5	2868
2774 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	5.4	327.8	327.9	2738
2775 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	327.9	2736
2775 >E	Pannell Road 345kV Voltage	SBK Edic R70	5.5	327.8	327.9	2807
2775 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	5.4	327.8	327.8	2764
2776 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	5.6	320	333.2	1969
2776 >E	Buchanan South 345kV Voltage	Pre-Fault	26.6	NA	346	2776
2780 >E	Gordon Rd 345kV Voltage	Volney-Marcy	4.5	327.8	331.9	2676
2781 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.9	320	321.5	2572
2782 >E	Oakdale 345kV Voltage	Ravenswood 3	3.9	320	321.3	2878
2784 >E	Oakdale 345kV Voltage	Marcy South S.	4.1	320	323.3	3276
2786 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	4.0	320	320.3	2750
2787 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	4.0	320	320.2	2748
2787 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	4.0	320	320.1	2776
2789 >E	Oakdale 345kV Voltage	SBK Edic R70	4.1	320	319.7	2820

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Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2790 >E	Somerset 345kV Voltage	SBK Marcy R3108	5.6	327.8	345.9	2580
2791 >E	Station 80 345kV Voltage	Ravenswood 3	6.3	327.8	328.6	2887
2792 >E	Station 80 345kV Voltage	SBK Princetown 345	6.3	327.8	328.5	2581
2793 >E	Pannell Road 345kV Voltage	Marcy South S.	8.5	327.8	333.1	3280
2793 >E	New Scotland 345kV Voltage Alps	Marcy South S.	6.5	327.8	341.6	3280
2793 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	6.5	327.8	341.6	3280
2794 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	6.2	327.8	329.8	2783
2794 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	329.8	2755
2795 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	327.8	2756
2795 >E	Fraser 345kV Voltage	Volney-Marcy	4.7	327.8	327.8	2680
2795 >E	Fraser 345kV Voltage	SBK Edic R70	4.7	327.8	327.8	2827
2795 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	327.8	2758
2795 >E	Fraser 345kV Voltage	Ravenswood 3	4.7	327.8	327.8	2890
2795 >E	Fraser 345kV Voltage	SBK Princetown 345	4.7	327.8	327.8	2584
2795 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	2784
2795 >E	Gordon Rd 345kV Voltage	Ravenswood 3	6.3	327.8	329.6	2891
2796 >E	Station 80 345kV Voltage	SBK Edic R70	6.5	327.8	327.9	2828
2796 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	327.9	2759
2796 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	327.9	2757
2796 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	10.1	327.8	335.1	1981
2796 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.8	2785
2801 >E	St.Lawrence 230kV Voltage	Volney-Marcy	8.8	218.5	222.9	2682
2805 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	11.8	327.8	332.8	3104
2809 >E	Coopers Corners 345kV Voltage	Ravenswood 3	6.4	327.8	330.7	2903
2812 >E	Coopers Corners 345kV Voltage	Volney-Marcy	5.4	327.8	330.2	2684
2812 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	6.9	327.8	338.1	1990
2812 >E	Ramapo 500kV Voltage	Ravenswood 3	28.9	500	504.9	2906
2812 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	12.4	327.8	337.9	3109
2814 >E	Leeds 345kV Voltage	Pre-Fault	11.7	NA	345	2814
2814 >E	Gordon Rd 345kV Voltage	SBK Edic R70	6.6	327.8	326.7	2846
2818 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	6.4	327.8	329.3	2603
2819 >E	Coopers Corners 345kV Voltage	SBK Edic R70	6.4	327.8	329.1	2851
2821 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	11.7	327.8	337.5	1995
2824 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	328.3	2785
2826 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	6.5	327.8	328.1	2788
2827 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	6.5	327.8	327.9	2816
2830 >E	St.Lawrence 230kV Voltage	Marcy South S.	11.6	218.5	220.1	3294
2832 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	10.5	327.8	340.1	2001

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2832 >E	Ramapo 345kV Voltage	Pre-Fault	25.7	NA	346	2832
2833 >E	St.Lawrence 230kV Voltage	SBK Edic R945	13.9	218.5	227.5	2024
2834 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	13.9	218.5	227.5	2024
2835 >E	New Scotland 345kV Voltage Alps	Marcy South N.	12.7	327.8	351.2	3528
2835 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	12.7	327.8	351.2	3528
2837 >E	Station 80 345kV Voltage	Ph2 DC 1500	13.8	327.8	332.7	3128
2839 >E	Oakdale 345kV Voltage	Ph2 DC 1500	8.0	320	326.4	3129
2841 >E	Fraser 345kV Voltage	Marcy South S.	7.3	327.8	327.8	3298
2847 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	6.0	327.8	332.8	2693
2847 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	6.0	327.8	332.8	2693
2848 >E	Somerset 345kV Voltage	Volney-Marcy	6.0	327.8	340.6	2694
2859 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	7.1	327.8	331.2	2818
2859 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	7.1	327.8	331.2	2818
2860 >E	St.Lawrence 230kV Voltage	Ravenswood 3	14.8	218.5	219.0	2950
2865 >E	Somerset 345kV Voltage	SBK Edic R945	8.6	327.8	343.4	2036
2865 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	8.6	327.8	343.4	2036
2865 >E	Ladentown 345kV Voltage	Pre-Fault	25.8	NA	346	2865
2868 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	15.1	218.5	218.5	2857
2868 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	15.1	218.5	218.5	2830
2869 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	15.1	218.5	218.5	2828
2870 >E	Gilboa 345kV Voltage	Marcy South S.	8.8	327.8	339.7	3309
2871 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	15.2	218.5	218.3	2649
2872 >E	Roseton 345kV Voltage	Pre-Fault	20.7	NA	345	2872
2873 >E	St.Lawrence 230kV Voltage	SBK Edic R70	15.6	218.5	218.2	2905
2873 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	7.7	327.8	329.4	2963
2873 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	7.7	327.8	329.4	2963
2877 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	18.5	218.5	223.7	2581
2880 >E	Watercure 230kV Voltage	SBK Marcy R3108	8.9	207	230.1	2581
2882 >E	Somerset 345kV Voltage	Pre-Fault	12.7	NA	338	2882
2883 >E	Ramapo 500kV Voltage	Ph2 DC 1500	49.1	500	505.9	3162
2884 >E	Station 80 345kV Voltage	Marcy South S.	15.2	327.8	335.2	3315
2884 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	7.9	327.8	327.9	2916
2884 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	7.9	327.8	327.9	2916
2886 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	7.9	327.8	327.7	2875
2886 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	7.9	327.8	327.7	2875
2890 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	8.0	327.8	327.3	2851
2890 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	8.0	327.8	327.3	2851
2891 >E	Fraser 345kV Voltage	SBK Marcy R3108	9.8	327.8	327.8	2581

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2893 >E	St.Lawrence 230kV Voltage	Marcy South N.	24.4	218.5	230.1	3553
2899 >E	Ramapo 500kV Voltage	SBK Edic R945	31.2	500	505.6	2049
2899 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	31.2	500	505.6	2049
2900 >E	Leeds 345kV Voltage	Marcy South S.	9.3	327.8	341.9	3321
2911 >E	Gilboa 345kV Voltage	Volney-Marcy	8.1	327.8	329.8	2710
2917 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	8.5	327.8	329.1	2875
2921 >E	Ramapo 500kV Voltage	Volney-Marcy	26.3	500	501.4	2713
2922 >E	Gilboa 345kV Voltage	Ravenswood 3	8.8	327.8	328.5	3008
2928 >E	Watercure 230kV Voltage	SBK Edic R945	10.7	207	229.8	2059
2928 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	10.7	207	229.7	2059
2928 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	10.4	327.8	337.4	2581
2928 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	10.4	327.8	337.4	2581
2928 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	8.8	327.8	327.8	2917
2929 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	8.6	327.8	322.3	2698
2929 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	8.6	327.8	322.3	2698
2929 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	8.9	327.8	327.7	2889
2929 >E	Gilboa 345kV Voltage	SBK Edic R70	8.8	327.8	327.7	2961
2932 >E	Bowline 1 345kV Voltage	Pre-Fault	25.8	NA	345	2932
2934 >E	Gilboa 345kV Voltage	SBK Edic R945	10.2	327.8	343.4	2062
2934 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	10.2	327.8	343.3	2062
2935 >E	Somerset 345kV Voltage	Marcy South N.	15.9	327.8	347.5	3570
2935 >E	Fraser 345kV Voltage	Ph2 DC 1500	11.9	327.8	327.8	3201
2937 >E	Gilboa 345kV Voltage	SBK Princetown 345	9.0	327.8	326.8	2706
2943 >E	Bowline 2 345kV Voltage	Pre-Fault	25.7	NA	345	2943
2956 >E	Ramapo 500kV Voltage	SBK Princetown 345	31.2	500	500.3	2722
2956 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	31.0	500	500.3	2913
2957 >E	Watercure 230kV Voltage	Marcy South N.	18.5	207	229.1	3579
2961 >E	Ramapo 500kV Voltage	SBK Edic R70	31.3	500	500.2	2992
2964 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	31.5	500	500.1	2923
2965 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	31.6	500	500.0	2953
2966 >E	Ramapo 500kV Voltage	Pre-Fault	31.6	NA	500	2966
2972 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	11.8	327.8	338.4	2076
2972 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	11.8	327.8	338.4	2076
2972 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	11.8	327.8	338.4	2076
2972 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	11.8	327.8	338.4	2076
2974 >E	Niagara 230kV East Voltage	SBK Marcy R3108	21.9	218.5	229.4	2581
2974 >E	Niagara 230kV West Voltage	SBK Marcy R3108	21.9	218.5	229.4	2581
2977 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	13.8	327.8	324.8	2581
2982 >E	Niagara 345kV Voltage	SBK Marcy R3108	10.9	327.8	350.2	2581

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Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2989 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	15.3	327.8	337.6	3242
2989 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	15.3	327.8	337.6	3242
2990 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	16.2	327.8	331.7	3242
2991 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	44.7	500	504.4	2092
2991 >E	Somerset 345kV Voltage	Ravenswood 3	12.1	327.8	329.4	3072
2993 >E	Dunwoodie 345kV Voltage	Ravenswood 3	28.2	327.8	335.3	3074
2996 >E	Sprain Brook 345kV Voltage	Ravenswood 3	28.2	327.8	335.3	3077
2998 >E	Rock Tavern 345kV Voltage	Ravenswood 3	14.4	327.8	331.5	3078
2998 >E	Gordon Rd 345kV Voltage	SBK Edic R945	13.1	327.8	327.8	2086
2998 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	13.1	327.8	327.8	2086
2999 >E	Somerset 345kV Voltage	SBK Princetown 345	12.3	327.8	328.8	2759
3007 >E	Somerset 345kV Voltage	SBK Edic R70	12.6	327.8	328.1	3039
3010 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	12.7	327.8	327.9	2968
3010 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	12.7	327.8	327.9	2965
3011 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	12.7	327.8	327.8	2999
3015 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	11.7	327.8	327.8	2969
3015 >E	Leeds 345kV Voltage	Volney-Marcy	11.7	327.8	327.8	2737
3015 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	11.7	327.8	327.8	3002
3015 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	11.7	327.8	327.8	2973
3015 >E	Leeds 345kV Voltage	SBK Edic R70	11.7	327.8	327.8	3046
3015 >E	Leeds 345kV Voltage	SBK Princetown 345	11.7	327.8	327.8	2772
3015 >E	Leeds 345kV Voltage	Ravenswood 3	11.7	327.8	327.8	3094
3015 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	29.8	218.5	224.3	2106
3016 >E	Niagara 230kV East Voltage	Volney-Marcy	22.9	218.5	226.4	2737
3016 >E	Niagara 230kV West Voltage	Volney-Marcy	22.9	218.5	226.4	2737
3021 >E	Rock Tavern 345kV Voltage	Volney-Marcy	13.3	327.8	329.9	2738
3026 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	16.1	327.8	337.0	2112
3029 >E	Watercure 230kV Voltage	Volney-Marcy	12.8	207	228.4	2740
3035 >E	Millwood 345kV Voltage	Ravenswood 3	24.5	327.8	334.8	3113
3043 >E	Buchanan North 345kV Voltage	Ravenswood 3	25.5	327.8	334.2	3120
3045 >E	Rock Tavern 345kV Voltage	SBK Edic R70	14.7	327.8	328.3	3076
3046 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	14.7	327.8	328.3	2799
3046 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	14.6	327.8	328.2	3000
3046 >E	Ramapo 500kV Voltage	Marcy South S.	43.6	500	500.4	3376
3051 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	14.8	327.8	327.9	3008
3052 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	14.8	327.8	327.8	3039
3053 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	17.9	327.8	331.4	3129
3059 >E	Niagara 345kV Voltage	Volney-Marcy	11.5	327.8	344.8	2748

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3076 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	15.8	327.8	337.2	2141
3081 >E	Buchanan South 345kV Voltage	Ravenswood 3	24.3	327.8	334.5	3155
3086 >E	Pleasant Valley 345kV Voltage	Marcy South S.	20.6	327.8	337.2	3391
3088 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	39.9	218.5	223.1	3316
3091 >E	Rock Tavern 345kV Voltage	SBK Edic R945	18.5	327.8	343.0	2121
3091 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	18.5	327.8	343.0	2121
3096 >E	Niagara 230kV East Voltage	Pre-Fault	55.0	NA	225	3096
3096 >E	Niagara 230kV West Voltage	Pre-Fault	55.0	NA	225	3096
3100 >E	Ramapo 500kV Voltage	SBK Marcy R3108	49.5	500	500.8	2582
3100 >E	Gilboa 345kV Voltage	SBK Marcy R3108	15.9	327.8	331.9	2582
3100 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	17.5	327.8	328.9	2759
3105 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	18.0	327.8	328.6	3057
3118 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	18.5	327.8	327.9	3150
3122 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	18.6	327.8	327.8	3108
3123 >E	Somerset 345kV Voltage	Ph2 DC 1500	21.3	327.8	333.1	3342
3123 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	17.8	327.8	331.2	2167
3123 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	17.8	327.8	331.2	2167
3124 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	18.6	327.8	327.6	3079
3125 >E	Gardenville 230kV Voltage	SBK Marcy R3108	17.4	207	225.6	2582
3143 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	19.0	327.8	326.6	2882
3158 >E	Roseton 345kV Voltage	Ravenswood 3	20.0	327.8	331.2	3226
3165 >E	Ramapo 345kV Voltage	Ravenswood 3	24.2	327.8	333.1	3232
3181 >E	Buchanan North 345kV Voltage	Volney-Marcy	25.4	327.8	329.3	2779
3181 >E	Ladentown 345kV Voltage	Ravenswood 3	24.0	327.8	333.8	3247
3186 >E	Niagara 345kV Voltage	SBK Edic R945	17.8	327.8	348.6	2156
3186 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	17.8	327.8	348.6	2157
3192 >E	Gilboa 345kV Voltage	Ph2 DC 1500	20.5	327.8	332.2	3393
3198 >E	Millwood 345kV Voltage	Volney-Marcy	25.5	327.8	328.7	2784
3199 >E	Roseton 345kV Voltage	Volney-Marcy	19.4	327.8	329.2	2784
3209 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	27.3	327.8	328.3	3158
3209 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	26.5	327.8	328.4	3158
3215 >E	Dunwoodie 345kV Voltage	Volney-Marcy	30.7	327.8	328.4	2788
3216 >E	Buchanan North 345kV Voltage	SBK Edic R70	27.8	327.8	328.0	3247
3216 >E	Niagara 230kV East Voltage	SBK Edic R945	39.1	218.5	229.5	2168
3216 >E	Niagara 230kV West Voltage	SBK Edic R945	39.1	218.5	229.5	2168
3216 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	39.1	218.5	229.5	2168
3216 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	39.1	218.5	229.5	2168
3218 >E	Sprain Brook 345kV Voltage	Volney-Marcy	30.7	327.8	328.5	2789
3218 >E	Bowline 1 345kV Voltage	Ravenswood 3	24.0	327.8	333.9	3282
3218 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	20.4	327.8	328.3	3167

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3219 >E	Millwood 345kV Voltage	SBK Edic R70	27.1	327.8	328.0	3250
3221 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	31.6	327.8	328.2	3169
3222 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	27.9	327.8	327.8	3208
3222 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	27.9	327.8	327.8	3175
3224 >E	Roseton 345kV Voltage	SBK Edic R70	20.7	327.8	328.0	3255
3224 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	31.6	327.8	328.3	3173
3225 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	27.2	327.8	327.8	3211
3225 >E	Buchanan North 345kV Voltage	SBK Princetown 345	28.0	327.8	327.7	2953
3225 >E	Buchanan South 345kV Voltage	Volney-Marcy	24.7	327.8	329.1	2791
3226 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	27.2	327.8	327.7	3179
3228 >E	Bowline 2 345kV Voltage	Ravenswood 3	24.0	327.8	333.9	3291
3229 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	20.7	327.8	327.8	3215
3229 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	20.7	327.8	327.8	3182
3231 >E	Dunwoodie 345kV Voltage	SBK Edic R70	32.3	327.8	328.0	3262
3234 >E	Sprain Brook 345kV Voltage	SBK Edic R70	32.3	327.8	328.0	3265
3234 >E	Niagara 345kV Voltage	Pre-Fault	25.6	NA	338	3234
3235 >E	Roseton 345kV Voltage	SBK Princetown 345	20.8	327.8	327.5	2962
3236 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	32.4	327.8	327.8	3223
3238 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	32.5	327.8	327.7	3191
3240 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	32.4	327.8	327.8	3226
3240 >E	Millwood 345kV Voltage	SBK Princetown 345	27.6	327.8	327.2	2966
3242 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	32.5	327.8	327.7	3194
3245 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	26.0	327.8	328.4	3193
3246 >E	Ramapo 345kV Voltage	Volney-Marcy	23.1	327.8	329.9	2796
3247 >E	Leeds 345kV Voltage	Marcy South N.	23.5	327.8	348.6	3701
3254 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	32.9	327.8	327.2	2978
3255 >E	Buchanan South 345kV Voltage	SBK Edic R70	26.5	327.8	328.0	3286
3257 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	32.9	327.8	327.2	2981
3261 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	26.6	327.8	327.8	3247
3262 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	26.7	327.8	327.7	3214
3270 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	25.6	207	226.0	2251
3272 >E	Buchanan South 345kV Voltage	SBK Princetown 345	26.9	327.8	327.4	2993
3281 >E	Ladentown 345kV Voltage	Volney-Marcy	23.4	327.8	329.9	2805
3283 >E	Gilboa 345kV Voltage	Marcy South N.	24.8	327.8	344.5	3716
3284 >E	Gardenville 230kV Voltage	Volney-Marcy	21.8	207	223.4	2806

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3286 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	25.2	327.8	328.3	3233
3292 >E	Ramapo 345kV Voltage	SBK Edic R70	25.6	327.8	328.1	3323
3297 >E	Ramapo 345kV Voltage	SBK Princetown 345	25.6	327.8	327.9	3015
3299 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	25.7	327.8	327.8	3250
3299 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	25.7	327.8	327.8	3285
3309 >E	Buchanan North 345kV Voltage	SBK Edic R945	34.3	327.8	337.8	2203
3309 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	34.3	327.8	337.8	2203
3313 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	28.3	327.8	338.2	2276
3318 >E	Bowline 1 345kV Voltage	Volney-Marcy	23.4	327.8	330.0	2815
3320 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	25.3	327.8	328.4	3265
3327 >E	Bowline 2 345kV Voltage	Volney-Marcy	23.3	327.8	330.1	2817
3327 >E	Ladentown 345kV Voltage	SBK Edic R70	25.7	327.8	328.1	3358
3334 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	25.8	327.8	327.8	3285
3334 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	25.8	327.8	327.8	3320
3336 >E	Ladentown 345kV Voltage	SBK Princetown 345	25.8	327.8	327.8	3048
3347 >E	Niagara 230kV East Voltage	Ravenswood 3	48.0	218.5	220.4	3401
3347 >E	Niagara 230kV West Voltage	Ravenswood 3	48.0	218.5	220.4	3401
3359 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	25.2	327.8	328.4	3303
3363 >E	Ramapo 345kV Voltage	SBK Edic R945	30.1	327.8	341.4	2223
3363 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	30.1	327.8	341.4	2223
3367 >E	Leeds 345kV Voltage	SBK Marcy R3108	24.9	327.8	327.8	2584
3367 >E	Bowline 1 345kV Voltage	SBK Edic R70	25.7	327.8	328.1	3398
3369 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	25.2	327.8	328.4	3313
3374 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	25.8	327.8	327.8	3324
3375 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	25.8	327.8	327.8	3360
3376 >E	Bowline 1 345kV Voltage	SBK Princetown 345	25.7	327.8	327.8	3082
3378 >E	Bowline 2 345kV Voltage	SBK Edic R70	25.6	327.8	328.1	3409
3381 >E	Ramapo 500kV Voltage	Marcy South N.	86.8	500	504.8	3757
3385 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	25.7	327.8	327.8	3334
3385 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	25.7	327.8	327.8	3370
3386 >E	Fraser 345kV Voltage	Marcy South N.	28.0	327.8	327.8	3759
3386 >E	Bowline 2 345kV Voltage	SBK Princetown 345	25.7	327.8	327.8	3092
3398 >E	Niagara 230kV East Voltage	SBK Princetown 345	51.1	218.5	219.5	3102
3398 >E	Niagara 230kV West Voltage	SBK Princetown 345	51.1	218.5	219.5	3102
3417 >E	Niagara 230kV East Voltage	SBK Edic R70	52.7	218.5	219.2	3448
3417 >E	Niagara 230kV West Voltage	SBK Edic R70	52.7	218.5	219.2	3448
3423 >E	Niagara 345kV Voltage	Ravenswood 3	23.6	327.8	330.6	3472

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Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3430 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	30.4	327.8	322.8	2585
3439 >E	Ladentown 345kV Voltage	SBK Edic R945	31.5	327.8	341.4	2252
3439 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	31.5	327.8	341.4	2252
3445 >E	Millwood 345kV Voltage	Marcy South S.	39.4	327.8	329.2	3528
3447 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	54.6	218.5	218.6	3395
3447 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	54.6	218.5	218.6	3395
3448 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	54.6	218.5	218.6	3389
3448 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	54.6	218.5	218.6	3389
3451 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	54.9	218.5	218.5	3436
3451 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	54.9	218.5	218.5	3436
3455 >E	Niagara 345kV Voltage	SBK Princetown 345	24.4	327.8	329.4	3151
3456 >E	Buchanan South 345kV Voltage	SBK Edic R945	36.7	327.8	337.8	2258
3456 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	36.7	327.8	337.8	2258
3469 >E	Roseton 345kV Voltage	Marcy South S.	30.7	327.8	331.2	3537
3474 >E	Dunwoodie 345kV Voltage	Marcy South S.	47.3	327.8	329.0	3539
3475 >E	Niagara 345kV Voltage	SBK Edic R70	25.1	327.8	328.6	3506
3476 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	40.4	327.8	336.0	2266
3476 >E	Millwood 345kV Voltage	SBK Edic R945	40.4	327.8	336.0	2266
3480 >E	Sprain Brook 345kV Voltage	Marcy South S.	47.3	327.8	328.9	3541
3485 >E	Bowline 1 345kV Voltage	SBK Edic R945	31.3	327.8	342.3	2269
3485 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	31.3	327.8	342.3	2269
3486 >E	Niagara 345kV Voltage	Marcy South N.	31.6	327.8	351.8	3801
3491 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	25.5	327.8	328.0	3438
3492 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	25.5	327.8	328.0	3432
3494 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	25.6	327.8	327.8	3479
3499 >E	Bowline 2 345kV Voltage	SBK Edic R945	31.3	327.8	342.5	2274
3500 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	31.3	327.8	342.5	2274
3511 >E	Sprain Brook 345kV Voltage	SBK Edic R945	48.7	327.8	334.7	2279
3511 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	48.7	327.8	334.6	2279
3519 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	49.3	327.8	334.5	2282
3519 >E	Dunwoodie 345kV Voltage	SBK Edic R945	49.4	327.8	334.5	2282
3525 >E	Niagara 230kV East Voltage	Marcy South N.	64.9	218.5	231.5	3817
3525 >E	Niagara 230kV West Voltage	Marcy South N.	64.9	218.5	231.5	3817
3542 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	36.3	327.8	333.8	2291
3542 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	36.3	327.8	333.8	2291
3550 >E	Leeds 345kV Voltage	SBK Edic R945	31.6	327.8	327.8	2293
3550 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	31.6	327.8	327.8	2293
3550 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	31.6	327.8	327.8	2411

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3550 >E	Leeds 345kV Voltage	Ph2 DC 1500	31.6	327.8	327.8	3661
3552 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	34.1	327.8	339.1	2294
3552 >E	Roseton 345kV Voltage	SBK Edic R945	34.1	327.8	339.1	2294
3570 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	48.3	327.8	334.1	2422
3582 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	38.0	327.8	332.4	3686
3594 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	39.6	327.8	332.8	3695
3626 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	40.6	327.8	327.1	2586
3630 >E	Buchanan South 345kV Voltage	Marcy South S.	43.3	327.8	326.2	3599
3646 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	53.1	327.8	333.0	3734
3646 >E	Gardenville 230kV Voltage	Pre-Fault	56.6	NA	217	3646
3674 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	43.7	327.8	336.8	2482
3682 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	35.3	327.8	340.3	2486
3714 >E	Buchanan North 345kV Voltage	Marcy South S.	49.4	327.8	322.6	3630
3738 >E	Millwood 345kV Voltage	Ph2 DC 1500	53.5	327.8	332.3	3802
3749 >E	Pleasant Valley 345kV Voltage	Marcy South N.	50.0	327.8	343.5	3911
3753 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	50.4	327.8	333.5	2526
3759 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	54.3	327.8	332.0	2530
3767 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	44.9	327.8	336.5	2535
3771 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	45.6	327.8	329.3	2537
3774 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	63.5	327.8	331.5	3830
3780 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	52.1	327.8	333.1	3834
3781 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	64.0	327.8	331.4	3834
3800 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	65.0	327.8	331.1	2554
3809 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	65.8	327.8	331.0	2559
3834 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	44.7	327.8	337.1	2573
3845 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	85.1	218.5	225.9	2579
3845 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	85.1	218.5	225.9	2579
3850 >E	Ramapo 345kV Voltage	Ph2 DC 1500	51.5	327.8	334.2	3886
3854 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	44.7	327.8	337.2	2584
3862 >E	Roseton 345kV Voltage	SBK Marcy R3108	45.3	327.8	324.5	2588
3869 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	46.3	327.8	333.8	2593
3881 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	62.3	327.8	323.2	2588
3907 >E	Ladentown 345kV Voltage	Ph2 DC 1500	51.0	327.8	334.4	3929
3924 >E	Gardenville 230kV Voltage	Marcy South N.	52.9	207	230.5	3984
3928 >E	Watercure 230kV Voltage	Ph2 DC 1500	53.4	207	218.7	3945
3946 >E	Roseton 345kV Voltage	Ph2 DC 1500	49.1	327.8	332.5	3958
3950 >E	Millwood 345kV Voltage	SBK Marcy R3108	63.7	327.8	323.2	2589
3987 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	50.9	327.8	334.8	3989
3990 >E	Rainey 345kV Voltage	Ravenswood 3	62.7	327.8	340.4	3996
3997 >E	Gardenville 230kV Voltage	Ravenswood 3	48.7	207	210.8	4003
4006 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	77.0	327.8	323.2	2589

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4009 >E	Watercure 230kV Voltage	Pre-Fault	72.8	NA	215	4009
4009 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	50.8	327.8	334.9	4005
4010 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	77.6	327.8	323.2	2589
4018 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	61.8	327.8	322.7	2589
4049 >E	Niagara 345kV Voltage	Ph2 DC 1500	49.4	327.8	334.2	4035
4059 >E	Farragut 345kV Voltage	Ravenswood 3	65.8	327.8	339.5	4061
4064 >E	Gardenville 230kV Voltage	SBK Princetown 345	51.4	207	209.6	3674
4082 >E	Ramapo 345kV Voltage	SBK Marcy R3108	58.6	327.8	321.4	2590
4124 >E	Rock Tavern 345kV Voltage	Marcy South S.	47.8	327.8	300.8	3787
4148 >E	Gardenville 230kV Voltage	SBK Edic R70	54.3	207	208.1	4178
4150 >E	Ramapo 345kV Voltage	Marcy South S.	55.8	327.8	316.0	3797
4183 >E	Coopers Corners 345kV Voltage	Marcy South N.	47.2	327.8	309.3	4093
4187 >E	Ladentown 345kV Voltage	Marcy South S.	56.1	327.8	315.9	3811
4191 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	55.9	207	207.4	4121
4191 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	55.9	207	207.4	4111
4193 >E	Ladentown 345kV Voltage	SBK Marcy R3108	60.1	327.8	320.9	2590
4198 >E	Watercure 230kV Voltage	Ravenswood 3	58.9	207	212.4	4190
4203 >E	Farragut 345kV Voltage	Pre-Fault	95.0	NA	338	4203
4206 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	56.4	207	207.1	4186
4207 >E	Rainey 345kV Voltage	Pre-Fault	92.2	NA	338	4207
4248 >E	Watercure 230kV Voltage	SBK Princetown 345	60.5	207	211.7	3832
4303 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	60.6	327.8	320.3	2591
4365 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	61.8	327.8	319.3	2592
4436 >E	Bowline 1 345kV Voltage	Marcy South S.	61.8	327.8	311.4	3905
4439 >E	Niagara 230kV East Voltage	Ph2 DC 1500	131.5	218.5	222.4	4328
4439 >E	Niagara 230kV West Voltage	Ph2 DC 1500	131.5	218.5	222.4	4328
4453 >E	Bowline 2 345kV Voltage	Marcy South S.	61.5	327.8	311.4	3912
4472 >E	Gardenville 230kV Voltage	SBK Edic R945	70.3	207	252.5	2640
4473 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	70.3	207	252.6	2641
4534 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	70.8	207	207.8	4456
4551 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	71.4	207	207.5	4460
4574 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	72.2	207	207.2	4551
4577 >E	Roseton 345kV Voltage	Marcy South N.	72.1	327.8	340.9	4257
4658 >E	Goethals 345kV Voltage	Ravenswood 3	89.7	327.8	338.3	4615
4670 >E	Watercure 230kV Voltage	SBK Edic R70	75.9	207	205.9	4700
4693 >E	Goethals 345kV Voltage	Pre-Fault	128.6	NA	338	4693
4803 >E	Millwood 345kV Voltage	Marcy South N.	104.6	327.8	338.6	4352
4832 >E	Coopers Corners 345kV Voltage	Marcy South S.	54.0	327.8	163.0	4056
5014 >E	Dunwoodie 345kV Voltage	Marcy South N.	131.3	327.8	337.2	4440

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5029 >E	Sprain Brook 345kV Voltage	Marcy South N.	131.3	327.8	337.2	4446
5048 >E	Rainey 345kV Voltage	Volney-Marcy	88.2	327.8	328.9	3260
5072 >E	Farragut 345kV Voltage	Volney-Marcy	90.9	327.8	328.9	3266
5091 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	90.1	327.8	328.4	4983
5116 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	92.9	327.8	328.4	5008
5138 >E	Rainey 345kV Voltage	SBK Edic R70	92.0	327.8	327.9	5166
5150 >E	Rainey 345kV Voltage	Princeton-N.Scot 345	92.3	327.8	327.8	5123
5155 >E	Buchanan North 345kV Voltage	Marcy South N.	120.3	327.8	334.8	4499
5155 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	92.5	327.8	327.7	5062
5156 >E	Buchanan South 345kV Voltage	Marcy South N.	110.9	327.8	338.2	4500
5163 >E	Farragut 345kV Voltage	SBK Edic R70	94.8	327.8	327.9	5191
5175 >E	Farragut 345kV Voltage	Princeton-N.Scot 345	95.1	327.8	327.8	5148
5180 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	95.3	327.8	327.7	5086
5193 >E	Rainey 345kV Voltage	SBK Princeton 345	93.6	327.8	327.3	4644
5218 >E	Farragut 345kV Voltage	SBK Princeton 345	96.4	327.8	327.3	4666
5221 >E	Rock Tavern 345kV Voltage	Marcy South N.	89.3	327.8	327.2	4527
5880 >E	Goethals 345kV Voltage	Volney-Marcy	123.5	327.8	328.8	3475
5903 >E	Ramapo 345kV Voltage	Marcy South N.	126.2	327.8	333.5	4812
5928 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	125.6	327.8	328.4	5795
5992 >E	Goethals 345kV Voltage	SBK Edic R70	128.2	327.8	327.9	6019
6009 >E	Goethals 345kV Voltage	Princeton-N.Scot 345	128.7	327.8	327.8	5976
6014 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	128.9	327.8	327.7	5900
6063 >E	Goethals 345kV Voltage	SBK Princeton 345	130.5	327.8	327.3	5392
6172 >E	Ladentown 345kV Voltage	Marcy South N.	132.2	327.8	335.8	4925
6621 >E	Rainey 345kV Voltage	Marcy South S.	148.0	327.8	329.9	4738
6674 >E	Farragut 345kV Voltage	Marcy South S.	153.0	327.8	329.9	4758
6776 >E	Bowline 1 345kV Voltage	Marcy South N.	146.5	327.8	336.2	5177
6815 >E	Bowline 2 345kV Voltage	Marcy South N.	145.7	327.8	336.3	5194
7001 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	162.0	327.8	339.3	3591
7004 >E	Rainey 345kV Voltage	SBK Edic R945	162.1	327.8	339.3	3592
7088 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	168.6	327.8	339.2	3624
7088 >E	Farragut 345kV Voltage	SBK Edic R945	168.6	327.8	339.2	3624
8036 >E	Goethals 345kV Voltage	Marcy South S.	207.8	327.8	330.0	5277
8180 >E	Rainey 345kV Voltage	Ph2 DC 1500	206.2	327.8	335.2	7129
8280 >E	Farragut 345kV Voltage	Ph2 DC 1500	214.2	327.8	335.3	7204
8534 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	219.1	327.8	334.0	5253
8589 >E	Goethals 345kV Voltage	SBK Edic R945	229.0	327.8	339.2	4188
8594 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	229.2	327.8	339.2	4190

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
8668 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	228.6	327.8	334.0	5329
9229 >E	Rainey 345kV Voltage	SBK Marcy R3108	245.1	327.8	320.7	2628
9315 >E	Farragut 345kV Voltage	SBK Marcy R3108	253.3	327.8	320.9	2629
9760 >E	Northport 138kV Voltage	Pre-Fault	800.6	NA	135	9760
9984 >E	Goethals 345kV Voltage	Ph2 DC 1500	283.2	327.8	335.9	8480
10690 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	310.0	327.8	334.2	6482
11174 >E	Northport 138kV Voltage	Ravenswood 3	680.9	131.1	133.2	10648
11792 >E	Goethals 345kV Voltage	SBK Marcy R3108	352.8	327.8	320.4	2647
12563 >E	Northport 138kV Voltage	Volney-Marcy	775.0	131.1	131.5	5195
12654 >E	Northport 138kV Voltage	N.Scot-Leeds 345	782.8	131.1	131.4	12319
12856 >E	Northport 138kV Voltage	SBK Edic R70	798.8	131.1	131.1	12873
12895 >E	Northport 138kV Voltage	Princetown-N.Scot 345	801.5	131.1	131.1	12816
12930 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	804.3	131.1	131.0	12651
13069 >E	Northport 138kV Voltage	SBK Princetown 345	814.6	131.1	130.9	11412
13803 >E	Rainey 345kV Voltage	Marcy South N.	413.6	327.8	341.8	8118
13951 >E	Farragut 345kV Voltage	Marcy South N.	427.7	327.8	341.5	8180
17994 >E	Goethals 345kV Voltage	Marcy South N.	590.0	327.8	341.6	9872
19356 >E	Northport 138kV Voltage	Marcy South S.	1311.6	131.1	131.4	9588
19697 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1335.3	131.1	136.1	8366
19697 >E	Northport 138kV Voltage	SBK Edic R945	1335.3	131.1	136.1	8365
19770 >E	Northport 138kV Voltage	Ph2 DC 1500	1342.4	131.1	136.1	15809
25024 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1752.6	131.1	133.7	14657
29005 >E	Northport 138kV Voltage	SBK Marcy R3108	2065.7	131.1	127.5	2777

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

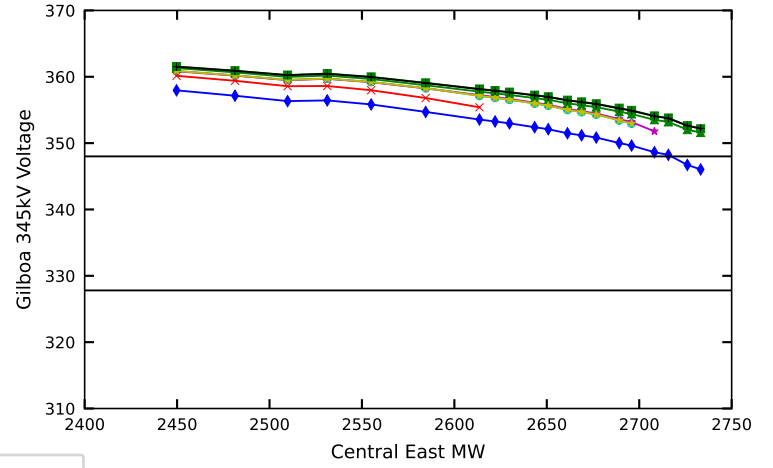
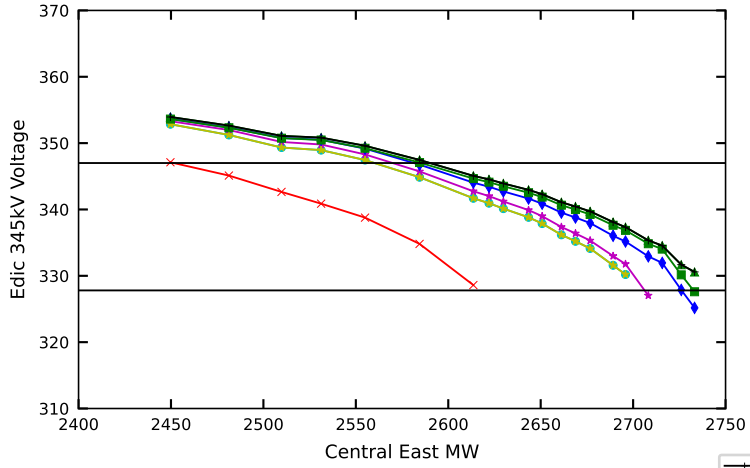
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1: 2023S CEVC PH2 CE2500 MS2270 DE1300 10 1A

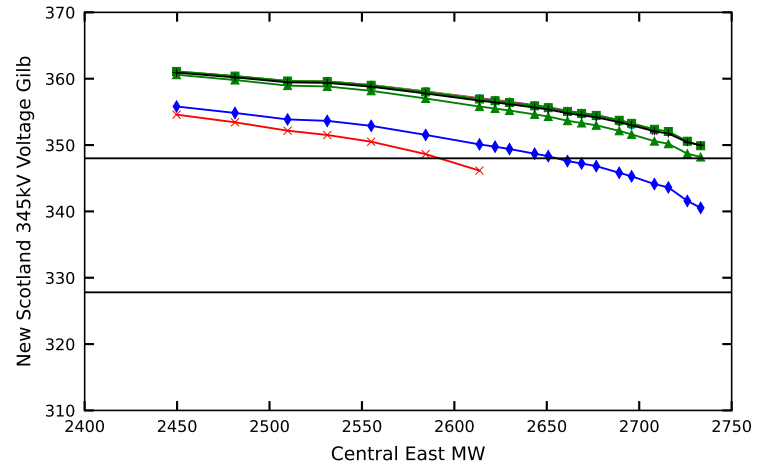
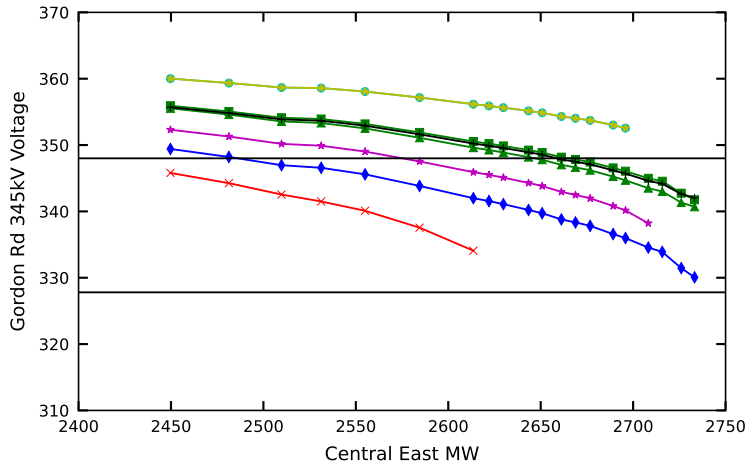
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
58385 >E	Northport 138kV Voltage	Marcy South N.	4392.4	131.1	138.0	26773
99998 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Niagara 230kV East Voltage	Marcy South S.	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Marcy South S.	NA	218.5	NA	99998
99998 >E	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

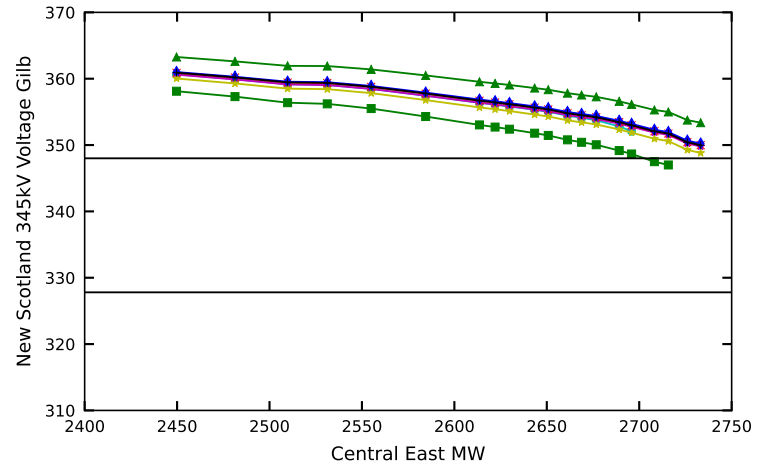
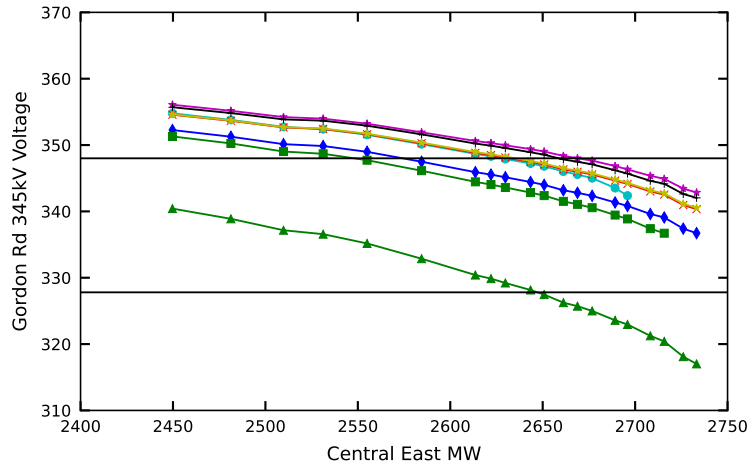
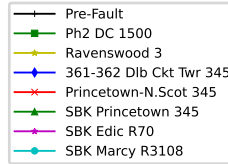
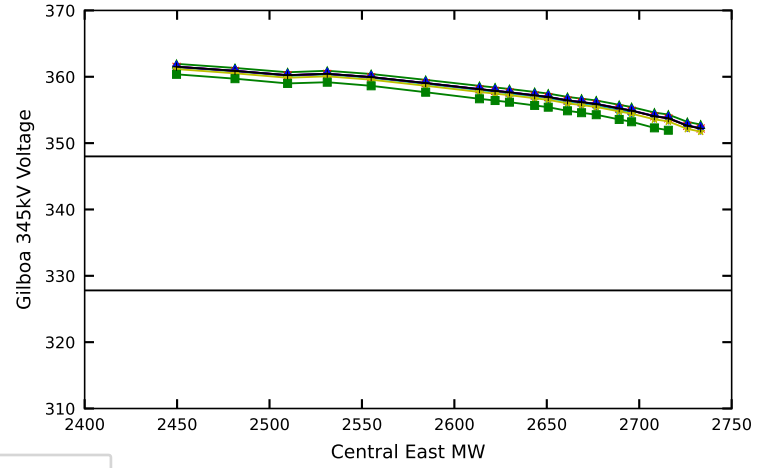
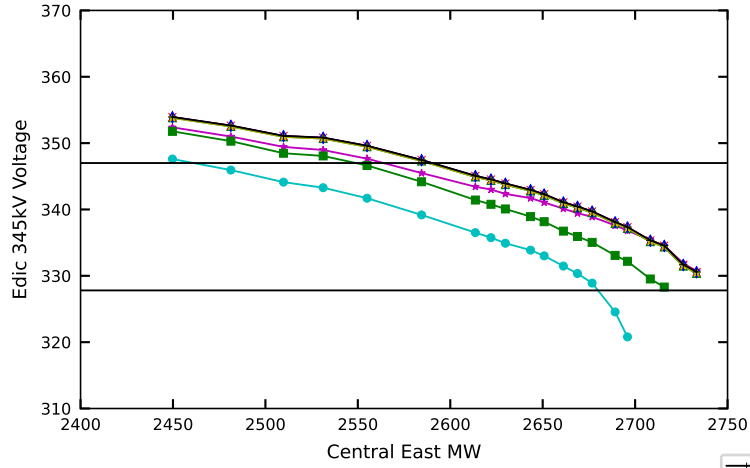
1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A Figure 1



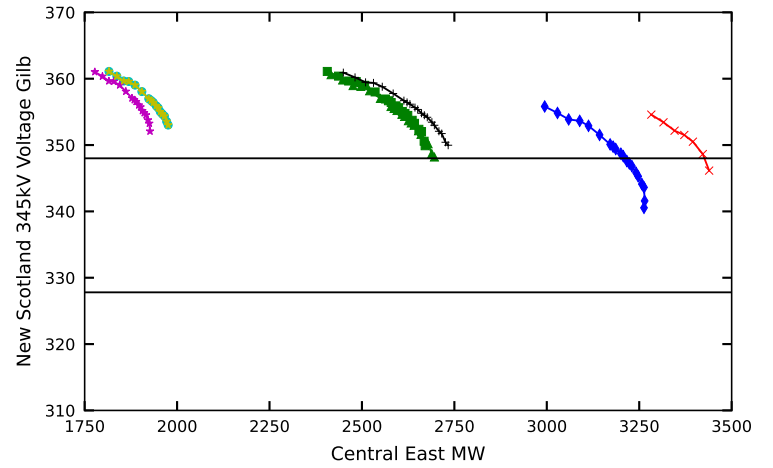
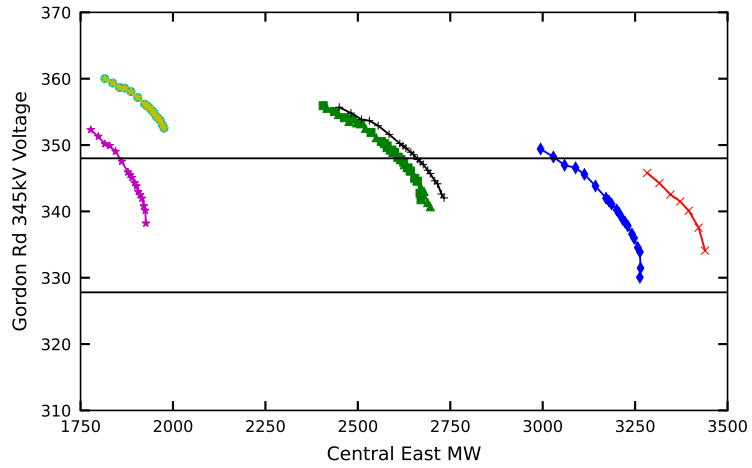
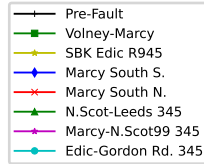
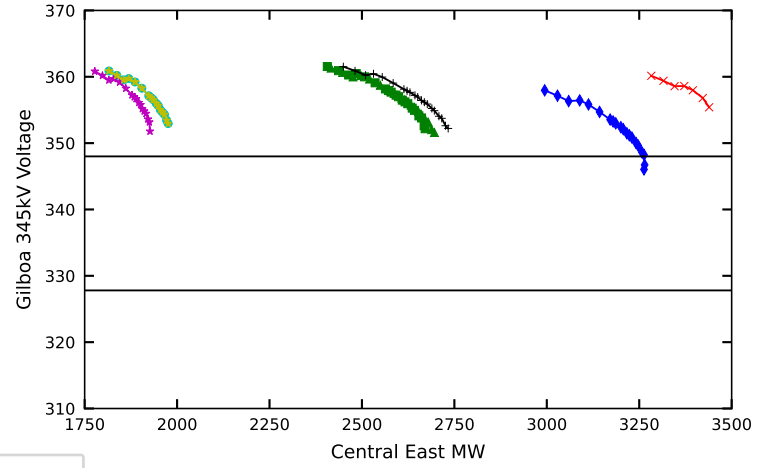
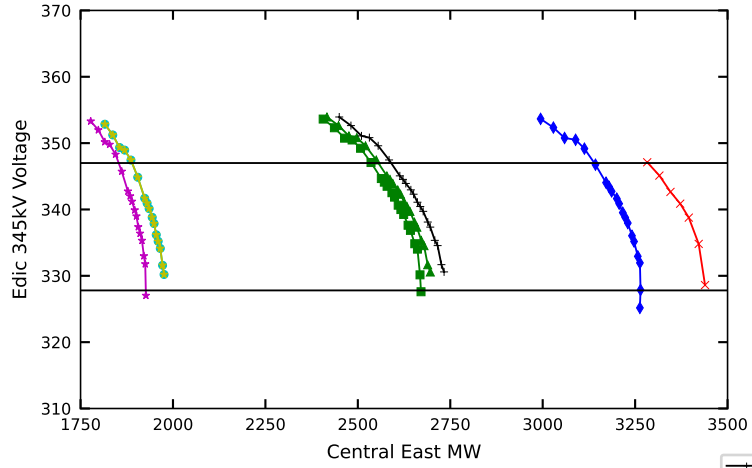
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



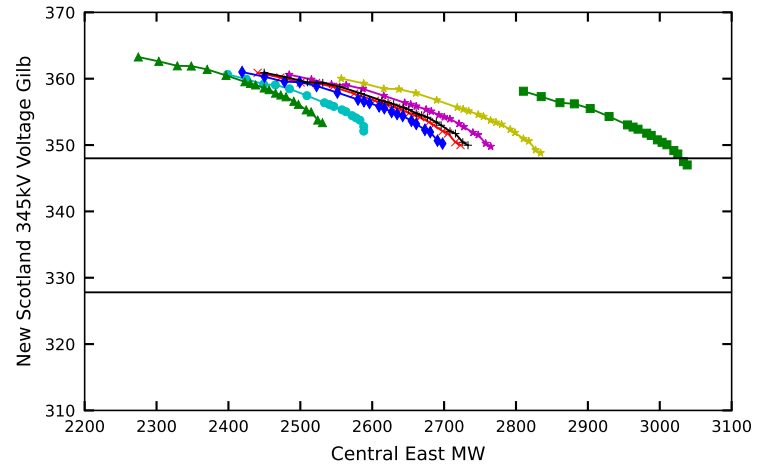
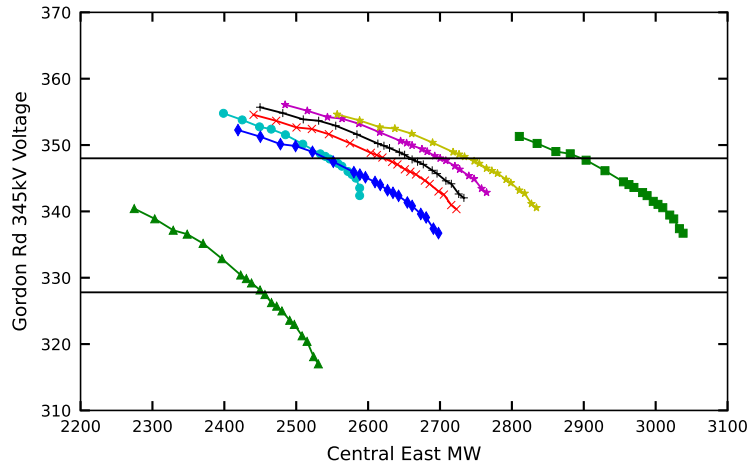
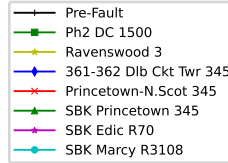
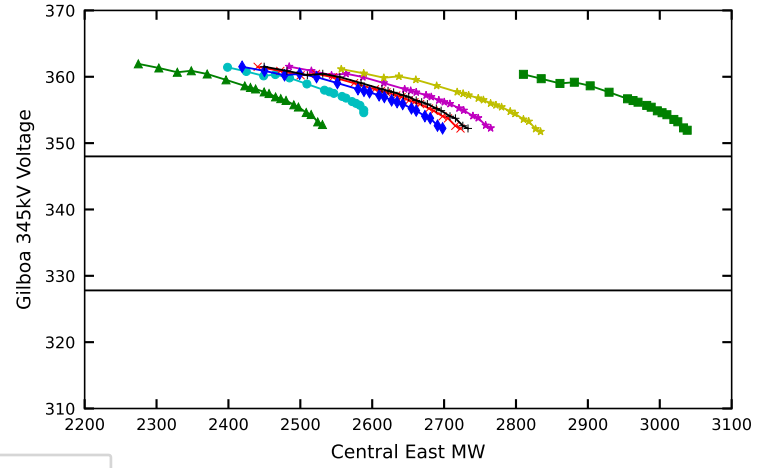
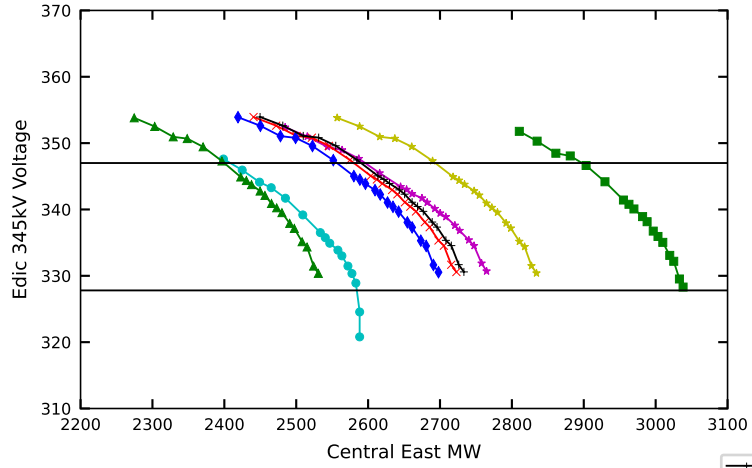
1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A Figure 2



1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A Figure 1



1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2510 MS2270 DE1300 1O 2A

Interface: Central East

Transfer	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
	MW	e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
2449	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2481	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2509	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2531	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2554	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2584	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2613	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2622	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2629	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2643	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2650	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2661	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2668	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2676	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2689	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2695	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2708	t1	0	1	0	0	2	0	1	0	2	0	0	0	0	0	0
	7															
2715	t1	0	2	1	0	2	0	2	0	2	0	0	0	0	0	0
	8															
2726	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	9															
2733	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	0															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\2A\Sum2023_CEVC_PH2_10_2A.xlsx

1: 2023S CEVC PH2 CE2510 MS2270 DE1300 1O 2A

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17	t18	t19	t20
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2365 <E	Dunwoodie 345kV Voltage	Pre-Fault	92.5	NA	348	2365
2374 <E	Sprain Brook 345kV Voltage	Pre-Fault	92.8	NA	348	2374
2482	limit with 5% margin	Marcy South N.	NA	NA	NA	3267
2554	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2458
2561	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1877
2561	limit with 5% margin	SBK Edic R945	NA	NA	NA	1877
2572	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1830
2578	Marcy 345kV Voltage	Pre-Fault	13.8	NA	348	2578
2579	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2886
2589	limit with 5% margin	Marcy South S.	NA	NA	NA	3101
2590	Edic 345kV Voltage	Pre-Fault	12.1	NA	347	2590
2596	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2561
2596	limit with 5% margin	Volney-Marcy	NA	NA	NA	2537
2596	limit with 5% margin	SBK Edic R70	NA	NA	NA	2626
2596	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2404
2596	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2586
2596	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2563
2596	limit with 5% margin	Ravenswood 3	NA	NA	NA	2692
2604	Pannell Road 345kV Voltage	Pre-Fault	22.9	NA	346	2604
2607	Station 80 345kV Voltage	Pre-Fault	22.6	NA	346	2607
2608	Clay 345kV Voltage	Pre-Fault	14.8	NA	345	2608
2615 >E	Clay 345kV Voltage	Marcy South N.	5.0	327.8	344.5	3440
2617 >E	Edic 345kV Voltage	Marcy South N.	4.7	327.8	344.8	3441
2619 >E	Marcy 345kV Voltage	Marcy South N.	4.7	327.8	344.7	3442
2647	Gordon Rd 345kV Voltage	SBK Princetown 345	10.6	327.8	348.7	2453
2658	Gordon Rd 345kV Voltage	Pre-Fault	14.6	NA	348	2658
2666 >E	Gordon Rd 345kV Voltage	Marcy South N.	8.4	327.8	347.7	3470
2673 >E	Pannell Road 345kV Voltage	Marcy South N.	8.2	327.8	343.0	3474
2679	Edic 345kV Voltage	SBK Marcy R3108	2.9	327.8	339.3	2584
2680	Millwood 345kV Voltage	Pre-Fault	52.2	NA	348	2680
2681	Clay 345kV Voltage	SBK Marcy R3108	2.4	327.8	339.5	2585
2694 >E	Oakdale 345kV Voltage	Marcy South N.	6.8	320	345.7	3487
2699 >E	Station 80 345kV Voltage	Marcy South N.	9.2	327.8	341.9	3489
2706	Edic 345kV Voltage	Marcy-N.Scot99 345	2.6	327.8	335.7	1926
2706 >E	Marcy 345kV Voltage	SBK Edic R945	4.8	327.8	336.2	1982
2706 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.8	327.8	336.2	1982
2707 >E	Edic 345kV Voltage	SBK Edic R945	4.8	327.8	336.0	1982
2707 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.8	327.8	336.0	1982
2708 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.6	327.8	335.4	1926
2709 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	2.8	327.8	336.2	1926

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2713 >E	Clay 345kV Voltage	SBK Edic R945	5.2	327.8	336.1	1986
2713 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	5.2	327.8	336.1	1986
2716 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	4.2	327.8	339.9	2599
2718 >E	Edic 345kV Voltage	Ph2 DC 1500	6.2	327.8	334.2	3040
2720 >E	Marcy 345kV Voltage	Ph2 DC 1500	6.2	327.8	334.1	3041
2724	Clay 345kV Voltage	Volney-Marcy	2.2	327.8	333.3	2666
2726 >E	Edic 345kV Voltage	Marcy South S.	2.5	327.8	331.6	3264
2727 >E	Marcy 345kV Voltage	Marcy South S.	2.5	327.8	331.4	3264
2730 >E	Clay 345kV Voltage	Marcy South S.	2.6	327.8	331.7	3265
2732	Edic 345kV Voltage	Volney-Marcy	2.8	327.8	330.7	2670
2732 >E	Clay 345kV Voltage	Ph2 DC 1500	6.2	327.8	333.9	3049
2734 >E	Station 80 345kV Voltage	SBK Marcy R3108	5.1	327.8	339.9	2607
2734 >E	Marcy 345kV Voltage	Volney-Marcy	2.9	327.8	330.4	2671
2741 >E	Buchanan North 345kV Voltage	Pre-Fault	59.5	NA	346	2741
2741 >E	Gordon Rd 345kV Voltage	Marcy South S.	4.2	327.8	340.3	3267
2744 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.9	320	334.9	1932
2745 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	4.9	327.8	337.8	1932
2747 >E	Oakdale 345kV Voltage	Pre-Fault	7.7	NA	335	2747
2750 >E	Edic 345kV Voltage	SBK Princetown 345	6.6	327.8	328.0	2546
2750 >E	Edic 345kV Voltage	Ravenswood 3	6.6	327.8	328.0	2850
2750 >E	Edic 345kV Voltage	SBK Edic R70	6.1	327.8	327.9	2781
2751 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	6.6	327.8	327.9	2715
2751 >E	Edic 345kV Voltage	N.Scot-Leeds 345	6.6	327.8	327.8	2714
2751 >E	Edic 345kV Voltage	Princetown-N.Scot 345	6.6	327.8	327.8	2741
2752 >E	Pannell Road 345kV Voltage	Volney-Marcy	3.9	327.8	335.4	2677
2752 >E	Marcy 345kV Voltage	Ravenswood 3	6.6	327.8	327.8	2852
2752 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	6.6	327.8	327.8	2714
2752 >E	Marcy 345kV Voltage	SBK Edic R70	6.6	327.8	327.8	2782
2752 >E	Marcy 345kV Voltage	SBK Princetown 345	6.6	327.8	327.8	2547
2752 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	6.6	327.8	327.8	2741
2752 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	6.6	327.8	327.8	2716
2752 >E	Pannell Road 345kV Voltage	Marcy South S.	3.4	327.8	331.8	3269
2755 >E	Clay 345kV Voltage	SBK Princetown 345	6.7	327.8	328.4	2551
2757 >E	Clay 345kV Voltage	SBK Edic R70	6.5	327.8	328.3	2787
2757 >E	Clay 345kV Voltage	Ravenswood 3	6.7	327.8	328.2	2857
2759 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	6.8	327.8	327.9	2723
2759 >E	Clay 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	327.9	2722
2759 >E	Oakdale 345kV Voltage	SBK Marcy R3108	4.2	320	336.4	2618

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2760 >E	Clay 345kV Voltage	Princetown-N.Scot 345	6.8	327.8	327.8	2749
2762 >E	Station 80 345kV Voltage	Marcy South S.	3.8	327.8	331.5	3270
2765 >E	New Scotland 345kV Voltage Alps	Pre-Fault	16.1	NA	348	2765
2765 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	16.1	NA	348	2765
2765 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	340.0	1935
2768 >E	Marcy 345kV Voltage	SBK Marcy R3108	7.6	327.8	327.8	2621
2769 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	6.3	327.8	338.7	1935
2771 >E	Pannell Road 345kV Voltage	SBK Edic R945	7.9	327.8	336.0	2020
2771 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	8.0	327.8	336.0	2020
2771 >E	Station 80 345kV Voltage	Volney-Marcy	5.2	327.8	336.6	2685
2771 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.3	327.8	340.8	1936
2774 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	6.4	327.8	338.8	1936
2780 >E	Oakdale 345kV Voltage	Volney-Marcy	3.9	320	330.7	2688
2783 >E	Oakdale 345kV Voltage	Marcy South S.	3.5	320	323.9	3273
2786 >E	Fraser 345kV Voltage	Pre-Fault	8.6	NA	338	2786
2793 >E	Oakdale 345kV Voltage	SBK Edic R945	6.2	320	335.0	2033
2793 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	6.2	320	335.0	2033
2795 >E	Station 80 345kV Voltage	SBK Edic R945	8.9	327.8	335.6	2035
2795 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	8.9	327.8	335.6	2035
2795 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.0	327.8	341.5	3276
2795 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.0	327.8	341.5	3276
2805 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	10.1	327.8	333.8	3098
2807 >E	Gilboa 345kV Voltage	Pre-Fault	17.6	NA	348	2807
2808 >E	Fraser 345kV Voltage	Marcy South S.	4.8	327.8	327.8	3278
2810 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.9	320	326.7	3102
2814 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	11.1	327.8	338.3	3104
2817 >E	St.Lawrence 230kV Voltage	Marcy South S.	9.3	218.5	220.5	3279
2820 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	8.3	327.8	336.8	2644
2821 >E	Fraser 345kV Voltage	SBK Edic R945	6.9	327.8	339.1	2050
2821 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	6.9	327.8	339.1	2050
2826 >E	Coopers Corners 345kV Voltage	Pre-Fault	13.8	NA	338	2826
2827 >E	Pannell Road 345kV Voltage	SBK Princetown 345	10.7	327.8	328.4	2616
2827 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	10.6	327.8	334.4	2791
2828 >E	New Scotland 345kV Voltage Alps	Marcy South N.	11.7	327.8	348.7	3565
2828 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	11.7	327.8	348.7	3565
2828 >E	Pannell Road 345kV Voltage	SBK Edic R70	10.5	327.8	328.3	2856
2828 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	11.9	218.5	224.1	1944
2828 >E	Pannell Road 345kV Voltage	Ravenswood 3	10.8	327.8	328.3	2926
2830 >E	Rock Tavern 345kV Voltage	Pre-Fault	36.6	NA	348	2830
2832 >E	Somerset 345kV Voltage	Marcy South S.	5.1	327.8	332.1	3282

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2832 >E	Pleasant Valley 345kV Voltage	Pre-Fault	46.9	NA	348	2832
2832 >E	Coopers Corners 345kV Voltage	SBK Edic R945	9.9	327.8	340.5	2057
2832 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	9.9	327.8	340.5	2057
2833 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	10.9	327.8	327.9	2796
2833 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	10.9	327.8	327.9	2794
2834 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	10.9	327.8	327.8	2823
2834 >E	Gordon Rd 345kV Voltage	Volney-Marcy	7.3	327.8	333.8	2709
2839 >E	Station 80 345kV Voltage	Ph2 DC 1500	12.0	327.8	333.9	3121
2851 >E	Niagara 230kV East Voltage	Pre-Fault	18.4	NA	225	2851
2851 >E	Niagara 230kV West Voltage	Pre-Fault	18.4	NA	225	2851
2851 >E	Oakdale 345kV Voltage	SBK Princetown 345	7.5	320	321.5	2638
2854 >E	Gilboa 345kV Voltage	Marcy South S.	6.8	327.8	338.6	3285
2854 >E	Oakdale 345kV Voltage	Ravenswood 3	7.6	320	321.1	2951
2856 >E	St.Lawrence 230kV Voltage	Volney-Marcy	13.6	218.5	225.1	2717
2860 >E	St.Lawrence 230kV Voltage	Pre-Fault	37.7	NA	225	2860
2860 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	7.7	320	320.3	2823
2861 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	7.7	320	320.2	2821
2861 >E	Oakdale 345kV Voltage	SBK Edic R70	7.6	320	320.1	2888
2862 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	7.7	320	320.1	2851
2873 >E	St.Lawrence 230kV Voltage	Marcy South N.	22.6	218.5	226.6	3592
2873 >E	Fraser 345kV Voltage	SBK Princetown 345	8.6	327.8	327.8	2658
2873 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	8.6	327.8	327.8	2834
2873 >E	Fraser 345kV Voltage	Volney-Marcy	8.6	327.8	327.8	2723
2873 >E	Fraser 345kV Voltage	SBK Edic R70	8.6	327.8	327.8	2900
2873 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	8.6	327.8	327.8	2862
2873 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	8.6	327.8	327.8	2836
2873 >E	Fraser 345kV Voltage	Ravenswood 3	8.6	327.8	327.8	2969
2878 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	11.3	327.8	330.2	2839
2880 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	11.8	327.8	330.1	2869
2881 >E	Niagara 230kV East Voltage	Marcy South S.	12.0	218.5	220.4	3290
2881 >E	Niagara 230kV West Voltage	Marcy South S.	12.0	218.5	220.4	3290
2883 >E	Buchanan South 345kV Voltage	Pre-Fault	59.6	NA	346	2883
2886 >E	Gordon Rd 345kV Voltage	Ravenswood 3	12.0	327.8	329.6	2981
2891 >E	Niagara 230kV East Voltage	Volney-Marcy	12.7	218.5	222.8	2730
2891 >E	Niagara 230kV West Voltage	Volney-Marcy	12.7	218.5	222.8	2730
2896 >E	Niagara 345kV Voltage	Marcy South S.	6.0	327.8	331.3	3292
2897 >E	Ramapo 500kV Voltage	Ravenswood 3	47.9	500	505.2	2992
2899 >E	Somerset 345kV Voltage	SBK Marcy R3108	10.0	327.8	345.1	2677

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2906 >E	Fraser 345kV Voltage	SBK Marcy R3108	9.8	327.8	327.8	2680
2906 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	30.1	500	504.7	1955
2907 >E	Ramapo 500kV Voltage	Ph2 DC 1500	50.3	500	506.0	3167
2909 >E	Coopers Corners 345kV Voltage	Volney-Marcy	10.3	327.8	332.0	2737
2911 >E	Station 80 345kV Voltage	Ravenswood 3	17.1	327.8	328.6	3006
2911 >E	Station 80 345kV Voltage	SBK Edic R70	16.6	327.8	328.6	2936
2913 >E	Station 80 345kV Voltage	SBK Princetown 345	17.0	327.8	328.5	2694
2914 >E	Gordon Rd 345kV Voltage	SBK Edic R70	12.1	327.8	327.3	2939
2915 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	21.0	218.5	222.2	2684
2917 >E	Leeds 345kV Voltage	Marcy South S.	8.3	327.8	341.1	3295
2921 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	8.9	327.8	339.5	1958
2921 >E	Coopers Corners 345kV Voltage	Ravenswood 3	13.2	327.8	331.1	3016
2923 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	17.4	327.8	327.9	2885
2923 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	17.5	327.8	327.9	2883
2924 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	17.5	327.8	327.8	2913
2945 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	13.5	327.8	329.3	2724
2947 >E	Fraser 345kV Voltage	Ph2 DC 1500	12.0	327.8	327.8	3194
2948 >E	Coopers Corners 345kV Voltage	SBK Edic R70	13.7	327.8	329.1	2972
2953 >E	Niagara 230kV East Voltage	Ravenswood 3	17.4	218.5	219.5	3046
2953 >E	Niagara 230kV West Voltage	Ravenswood 3	17.4	218.5	219.5	3046
2959 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	328.4	2918
2962 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	10.5	327.8	333.4	1964
2962 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	10.5	327.8	333.4	1964
2962 >E	Niagara 230kV East Voltage	SBK Edic R70	17.9	218.5	218.9	2985
2962 >E	Niagara 230kV West Voltage	SBK Edic R70	17.9	218.5	218.9	2985
2963 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	13.8	327.8	328.1	2924
2964 >E	Niagara 230kV East Voltage	SBK Princetown 345	18.1	218.5	218.8	2742
2964 >E	Niagara 230kV West Voltage	SBK Princetown 345	18.1	218.5	218.8	2742
2965 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	10.5	327.8	335.6	2758
2965 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	10.5	327.8	335.6	2758
2965 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	13.8	327.8	327.9	2954
2967 >E	Somerset 345kV Voltage	Marcy South N.	17.5	327.8	345.2	3648
2969 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	18.3	218.5	218.6	2930
2969 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	18.3	218.5	218.6	2930
2969 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	18.3	218.5	218.6	2928
2969 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	18.3	218.5	218.6	2928
2970 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	18.4	218.5	218.5	2959

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2970 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	18.4	218.5	218.5	2959
2978 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	20.1	218.5	223.6	1966
2978 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	20.1	218.5	223.6	1966
2991 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	15.8	327.8	332.3	3224
2993 >E	Somerset 345kV Voltage	Volney-Marcy	13.0	327.8	349.2	2769
2996 >E	St.Lawrence 230kV Voltage	SBK Edic R945	27.9	218.5	224.3	2155
2996 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	27.9	218.5	224.3	2155
2996 >E	Ramapo 345kV Voltage	Pre-Fault	56.1	NA	346	2996
3002 >E	Ramapo 500kV Voltage	SBK Edic R945	43.5	500	504.5	2158
3002 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	43.5	500	504.5	2158
3003 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	14.3	327.8	325.6	2722
3008 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	15.3	327.8	338.4	3235
3008 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	15.3	327.8	338.4	3235
3012 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	12.5	327.8	331.0	2164
3012 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	12.5	327.8	331.0	2164
3012 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	12.5	327.8	331.0	2164
3012 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	12.5	327.8	331.0	2164
3014 >E	Pleasant Valley 345kV Voltage	Marcy South S.	15.0	327.8	335.7	3311
3016 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	13.1	327.8	333.9	2727
3016 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	13.1	327.8	333.9	2727
3017 >E	Leeds 345kV Voltage	Pre-Fault	28.7	NA	345	3017
3020 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	14.4	327.8	337.5	1972
3020 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	14.1	327.8	332.2	2978
3020 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	14.1	327.8	332.2	2978
3030 >E	Watercure 230kV Voltage	Marcy South N.	22.3	207	229.9	3685
3037 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	34.3	218.5	223.7	3255
3049 >E	Gordon Rd 345kV Voltage	SBK Edic R945	14.3	327.8	319.4	2186
3049 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	14.3	327.8	319.4	2186
3052 >E	Gilboa 345kV Voltage	SBK Edic R945	14.2	327.8	337.1	2188
3052 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	14.2	327.8	337.1	2188
3054 >E	St.Lawrence 230kV Voltage	Ravenswood 3	33.8	218.5	219.9	3144
3060 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	16.7	327.8	338.8	2193
3060 >E	Somerset 345kV Voltage	SBK Edic R945	16.7	327.8	338.8	2193
3064 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	15.8	327.8	329.4	3153
3064 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	15.8	327.8	329.4	3153
3068 >E	Watercure 230kV Voltage	SBK Edic R945	16.6	207	220.6	2197
3068 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	16.6	207	220.6	2197
3070 >E	Ladentown 345kV Voltage	Pre-Fault	56.5	NA	346	3070
3073 >E	Ramapo 500kV Voltage	Volney-Marcy	43.4	500	502.1	2799
3076 >E	Gardenville 230kV Voltage	Marcy South S.	13.8	207	212.3	3321
3081 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	15.9	327.8	328.3	3101

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1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3081 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	15.9	327.8	328.3	3101
3085 >E	Fraser 345kV Voltage	Marcy South N.	17.0	327.8	327.8	3717
3093 >E	New Scotland 345kV Voltage Alps	Prinetown-N.Scot 345	16.2	327.8	327.6	3081
3093 >E	New Scotland 345kV Voltage Gilb	Prinetown-N.Scot 345	16.2	327.8	327.6	3081
3102 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	16.5	327.8	327.1	3061
3102 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	16.5	327.8	327.1	3061
3105 >E	Gilboa 345kV Voltage	Volney-Marcy	15.3	327.8	331.1	2811
3106 >E	St.Lawrence 230kV Voltage	Prinetown-N.Scot 345	37.7	218.5	218.5	3094
3106 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	37.8	218.5	218.5	3065
3106 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	37.8	218.5	218.5	3063
3111 >E	St.Lawrence 230kV Voltage	SBK Prinetown 345	37.8	218.5	218.4	2875
3113 >E	Ramapo 500kV Voltage	Marcy South S.	48.7	500	496.2	3327
3113 >E	St.Lawrence 230kV Voltage	SBK Edic R70	38.7	218.5	218.3	3131
3135 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	16.9	327.8	329.4	3092
3140 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	20.1	327.8	355.8	1990
3142 >E	Roseton 345kV Voltage	Pre-Fault	51.9	NA	345	3142
3150 >E	Gilboa 345kV Voltage	Ravenswood 3	17.4	327.8	328.5	3236
3158 >E	Gilboa 345kV Voltage	SBK Marcy R3108	17.3	327.8	330.2	2787
3162 >E	Gilboa 345kV Voltage	SBK Edic R70	17.6	327.8	327.8	3178
3163 >E	Gilboa 345kV Voltage	Prinetown-N.Scot 345	17.6	327.8	327.8	3151
3165 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	17.7	327.8	327.7	3123
3167 >E	Watercure 230kV Voltage	SBK Marcy R3108	21.1	207	234.1	2792
3169 >E	Watercure 230kV Voltage	Volney-Marcy	18.4	207	231.5	2835
3170 >E	Ramapo 500kV Voltage	SBK Prinetown 345	56.3	500	500.4	2929
3175 >E	Gardenville 230kV Voltage	Volney-Marcy	17.4	207	218.5	2838
3175 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	56.5	500	500.4	3131
3186 >E	Gilboa 345kV Voltage	SBK Prinetown 345	18.1	327.8	326.5	2943
3187 >E	Gilboa 345kV Voltage	Marcy South N.	20.8	327.8	339.9	3778
3187 >E	Ramapo 500kV Voltage	SBK Edic R70	57.5	500	500.2	3203
3191 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	57.6	500	500.1	3149
3194 >E	Ramapo 500kV Voltage	Prinetown-N.Scot 345	57.8	500	500.0	3182
3196 >E	Ramapo 500kV Voltage	Pre-Fault	58.0	NA	500	3196
3203 >E	New Scotland 345kV Voltage Alps	SBK Prinetown 345	18.4	327.8	320.8	2959
3203 >E	New Scotland 345kV Voltage Gilb	SBK Prinetown 345	18.4	327.8	320.8	2959
3207 >E	Somerset 345kV Voltage	Ph2 DC 1500	23.2	327.8	336.2	3370
3216 >E	Bowline 1 345kV Voltage	Pre-Fault	56.3	NA	345	3216

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1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3222 >E	Gardenville 230kV Voltage	Pre-Fault	30.5	NA	217	3222
3228 >E	Gilboa 345kV Voltage	Ph2 DC 1500	21.2	327.8	332.6	3384
3230 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	28.7	327.8	333.7	2003
3242 >E	Bowline 2 345kV Voltage	Pre-Fault	56.3	NA	345	3242
3246 >E	Dunwoodie 345kV Voltage	Marcy South S.	31.3	327.8	326.6	3349
3254 >E	Sprain Brook 345kV Voltage	Marcy South S.	31.5	327.8	326.4	3350
3262 >E	Millwood 345kV Voltage	Marcy South S.	27.9	327.8	326.3	3352
3272 >E	Niagara 345kV Voltage	SBK Marcy R3108	20.2	327.8	349.5	2836
3274 >E	Roseton 345kV Voltage	Marcy South S.	21.5	327.8	327.7	3354
3283 >E	Niagara 230kV East Voltage	SBK Marcy R3108	42.8	218.5	229.5	2841
3283 >E	Niagara 230kV West Voltage	SBK Marcy R3108	42.8	218.5	229.5	2841
3284 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	25.7	327.8	336.1	2011
3290 >E	Leeds 345kV Voltage	Marcy South N.	23.8	327.8	344.3	3839
3297 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	26.9	327.8	338.7	2334
3297 >E	Rock Tavern 345kV Voltage	SBK Edic R945	26.9	327.8	338.7	2334
3324 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	31.2	327.8	331.4	2017
3327 >E	Ramapo 500kV Voltage	SBK Marcy R3108	73.6	500	500.9	2859
3328 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	29.4	327.8	332.9	2017
3335 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	36.6	327.8	330.6	2018
3338 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	37.0	327.8	330.5	2019
3342 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	28.4	207	251.7	2019
3342 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	22.4	327.8	327.8	2019
3343 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	26.6	327.8	335.8	2019
3351 >E	Dunwoodie 345kV Voltage	Ravenswood 3	61.1	327.8	335.8	3429
3352 >E	Sprain Brook 345kV Voltage	Ravenswood 3	60.6	327.8	335.8	3431
3355 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	27.1	327.8	329.5	2021
3363 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	25.6	327.8	333.6	2022
3367 >E	Rock Tavern 345kV Voltage	Ravenswood 3	32.2	327.8	333.3	3446
3376 >E	Buchanan North 345kV Voltage	Ravenswood 3	49.2	327.8	335.3	3454
3384 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	26.5	327.8	336.3	2025
3396 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	26.5	327.8	336.5	2027
3410 >E	Buchanan South 345kV Voltage	Marcy South S.	31.5	327.8	322.1	3376
3414 >E	Rock Tavern 345kV Voltage	Volney-Marcy	29.5	327.8	332.0	2928
3423 >E	Ramapo 500kV Voltage	Marcy South N.	89.9	500	503.7	3917
3432 >E	Millwood 345kV Voltage	Ravenswood 3	52.4	327.8	335.5	3508
3473 >E	Watercure 230kV Voltage	Ph2 DC 1500	32.7	207	218.1	3550
3477 >E	Gardenville 230kV Voltage	Ravenswood 3	28.8	207	208.6	3551
3496 >E	Buchanan North 345kV Voltage	Marcy South S.	37.2	327.8	317.3	3390
3497 >E	Gardenville 230kV Voltage	SBK Princetown 345	29.6	207	208.0	3227
3499 >E	Buchanan South 345kV Voltage	Ravenswood 3	50.0	327.8	335.7	3572
3499 >E	Leeds 345kV Voltage	SBK Marcy R3108	27.8	327.8	327.8	2933

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3499 >E	Gardenville 230kV Voltage	SBK Edic R70	29.6	207	207.9	3503
3500 >E	Leeds 345kV Voltage	SBK Edic R945	27.9	327.8	327.8	2455
3500 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	27.9	327.8	327.8	2455
3511 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	28.7	327.8	327.8	3497
3511 >E	Leeds 345kV Voltage	Volney-Marcy	28.7	327.8	327.8	2964
3511 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	28.7	327.8	327.8	3464
3511 >E	Leeds 345kV Voltage	Ravenswood 3	28.7	327.8	327.8	3584
3511 >E	Leeds 345kV Voltage	SBK Edic R70	28.7	327.8	327.8	3515
3511 >E	Leeds 345kV Voltage	SBK Princetown 345	28.7	327.8	327.8	3240
3511 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	28.7	327.8	327.8	3462
3521 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	30.4	207	207.2	3474
3522 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	30.4	207	207.2	3472
3525 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	30.5	207	207.1	3512
3536 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	45.5	327.8	334.9	2477
3536 >E	Buchanan North 345kV Voltage	SBK Edic R945	45.5	327.8	334.9	2477
3546 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	35.9	327.8	328.4	3496
3548 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	36.0	327.8	328.4	3273
3550 >E	Rock Tavern 345kV Voltage	SBK Edic R70	36.4	327.8	328.3	3553
3556 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	34.6	327.8	326.0	2957
3565 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	36.5	327.8	327.9	3517
3568 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	36.6	327.8	327.8	3554
3570 >E	Niagara 345kV Voltage	Marcy South N.	34.6	327.8	348.9	4004
3571 >E	Rock Tavern 345kV Voltage	Marcy South S.	28.1	327.8	294.7	3402
3584 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	43.9	327.8	332.0	3654
3601 >E	Ramapo 345kV Voltage	Ravenswood 3	46.4	327.8	335.2	3671
3613 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	38.7	327.8	327.4	2981
3613 >E	Pleasant Valley 345kV Voltage	Marcy South N.	43.0	327.8	338.8	4029
3621 >E	Niagara 230kV East Voltage	Marcy South N.	71.7	218.5	230.3	4034
3621 >E	Niagara 230kV West Voltage	Marcy South N.	71.7	218.5	230.3	4034
3635 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	39.6	327.8	333.1	3659
3640 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	41.5	327.8	337.8	2539
3640 >E	Ramapo 345kV Voltage	SBK Edic R945	41.5	327.8	337.8	2539
3642 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	67.6	218.5	226.3	2540
3642 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	67.6	218.5	226.3	2540
3642 >E	Niagara 230kV East Voltage	SBK Edic R945	67.6	218.5	226.3	2540
3642 >E	Niagara 230kV West Voltage	SBK Edic R945	67.6	218.5	226.3	2540
3643 >E	Watercure 230kV Voltage	Marcy South S.	36.3	207	223.8	3414
3646 >E	Ladentown 345kV Voltage	Ravenswood 3	46.8	327.8	335.8	3715

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3654 >E	Coopers Corners 345kV Voltage	Marcy South S.	23.4	327.8	203.4	3416
3660 >E	Niagara 345kV Voltage	SBK Edic R945	33.1	327.8	342.2	2551
3660 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	33.1	327.8	342.2	2551
3662 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	41.3	327.8	330.3	3021
3663 >E	Buchanan North 345kV Voltage	Volney-Marcy	50.4	327.8	330.5	3022
3706 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	47.4	327.8	334.7	2578
3706 >E	Buchanan South 345kV Voltage	SBK Edic R945	47.4	327.8	334.7	2578
3707 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	50.7	327.8	333.0	2579
3707 >E	Millwood 345kV Voltage	SBK Edic R945	50.7	327.8	333.0	2579
3717 >E	Bowline 1 345kV Voltage	Ravenswood 3	46.5	327.8	336.1	3782
3721 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	44.7	327.8	329.1	3668
3725 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	42.6	327.8	330.2	2590
3725 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	42.6	327.8	330.2	2590
3727 >E	Ladentown 345kV Voltage	SBK Edic R945	42.5	327.8	338.0	2591
3727 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	42.6	327.8	338.0	2591
3738 >E	Bowline 2 345kV Voltage	Ravenswood 3	46.5	327.8	336.2	3803
3747 >E	Sprain Brook 345kV Voltage	SBK Edic R945	60.8	327.8	332.1	2603
3747 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	60.8	327.8	332.1	2603
3756 >E	Coopers Corners 345kV Voltage	Marcy South N.	34.1	327.8	303.2	4114
3756 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	61.6	327.8	332.0	2608
3756 >E	Dunwoodie 345kV Voltage	SBK Edic R945	61.6	327.8	332.0	2608
3763 >E	Gardenville 230kV Voltage	SBK Marcy R3108	41.5	207	228.5	3045
3766 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	58.6	327.8	333.6	3747
3771 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	46.7	327.8	328.0	3766
3783 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	57.6	327.8	328.5	3729
3784 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	47.1	327.8	327.7	3769
3788 >E	Millwood 345kV Voltage	Volney-Marcy	54.9	327.8	329.8	3069
3789 >E	Bowline 1 345kV Voltage	SBK Edic R945	42.3	327.8	338.7	2628
3789 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	42.3	327.8	338.7	2628
3791 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	47.2	327.8	327.6	3740
3795 >E	Roseton 345kV Voltage	Ravenswood 3	47.3	327.8	332.4	3858
3805 >E	Ramapo 345kV Voltage	Volney-Marcy	46.6	327.8	331.6	3075
3809 >E	Buchanan North 345kV Voltage	SBK Edic R70	59.2	327.8	328.0	3802
3809 >E	Bowline 2 345kV Voltage	SBK Edic R945	42.3	327.8	339.6	2640
3809 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	42.3	327.8	339.6	2640
3812 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	64.4	327.8	326.1	3066
3813 >E	Buchanan South 345kV Voltage	Volney-Marcy	51.7	327.8	330.4	3079
3813 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	64.1	327.8	326.1	3066
3813 >E	Leeds 345kV Voltage	Ph2 DC 1500	39.1	327.8	327.8	3779
3818 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	48.1	327.8	333.6	3783

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3823 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	59.5	327.8	327.8	3771
3823 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	59.5	327.8	327.8	3808
3823 >E	Millwood 345kV Voltage	SBK Marcy R3108	55.9	327.8	326.1	3071
3825 >E	Buchanan North 345kV Voltage	SBK Princetown 345	59.3	327.8	327.8	3526
3829 >E	Roseton 345kV Voltage	SBK Edic R945	43.8	327.8	334.4	2652
3830 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	43.8	327.8	334.4	2652
3832 >E	Sprain Brook 345kV Voltage	Volney-Marcy	66.3	327.8	329.2	3086
3837 >E	Dunwoodie 345kV Voltage	Volney-Marcy	67.0	327.8	329.2	3088
3852 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	48.7	327.8	326.3	3551
3860 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	59.6	327.8	328.6	3805
3872 >E	Ramapo 345kV Voltage	Marcy South S.	43.8	327.8	305.7	3451
3875 >E	Roseton 345kV Voltage	Volney-Marcy	45.3	327.8	330.9	3102
3879 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	60.8	327.8	326.2	3094
3880 >E	Ladentown 345kV Voltage	Marcy South S.	43.2	327.8	306.7	3453
3884 >E	Ladentown 345kV Voltage	Volney-Marcy	47.4	327.8	331.6	3106
3886 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	70.7	327.8	328.5	3831
3889 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	71.2	327.8	328.5	3833
3899 >E	Millwood 345kV Voltage	SBK Edic R70	61.8	327.8	328.0	3889
3907 >E	Roseton 345kV Voltage	SBK Marcy R3108	45.9	327.8	326.5	3107
3913 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	62.1	327.8	327.8	3898
3917 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	57.5	327.8	328.7	3861
3918 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	62.2	327.8	327.7	3864
3926 >E	Sprain Brook 345kV Voltage	SBK Edic R70	73.2	327.8	328.0	3915
3928 >E	Dunwoodie 345kV Voltage	SBK Edic R70	73.8	327.8	328.0	3917
3931 >E	Millwood 345kV Voltage	Ph2 DC 1500	62.1	327.8	332.9	3859
3940 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	73.5	327.8	327.8	3924
3942 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	74.1	327.8	327.8	3926
3944 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	73.7	327.8	327.7	3891
3947 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	74.3	327.8	327.7	3893
3949 >E	Niagara 230kV East Voltage	Ph2 DC 1500	93.2	218.5	223.3	3871
3949 >E	Niagara 230kV West Voltage	Ph2 DC 1500	93.2	218.5	223.3	3871
3951 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	59.2	327.8	333.8	3873
3952 >E	Millwood 345kV Voltage	SBK Princetown 345	63.0	327.8	327.1	3642
3954 >E	Buchanan South 345kV Voltage	SBK Edic R70	59.4	327.8	328.0	3942
3957 >E	Bowline 1 345kV Voltage	Volney-Marcy	47.2	327.8	331.8	3133
3960 >E	Ramapo 345kV Voltage	Ph2 DC 1500	55.6	327.8	334.9	3878
3960 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	57.8	327.8	326.0	3129

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3968 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	59.6	327.8	327.8	3953
3971 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	59.7	327.8	327.7	3917
3975 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	54.6	327.8	328.6	3919
3978 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	73.9	327.8	332.1	3891
3979 >E	Bowline 2 345kV Voltage	Volney-Marcy	47.2	327.8	331.9	3141
3982 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	74.8	327.8	327.2	3670
3986 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	75.4	327.8	327.2	3673
3988 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	74.8	327.8	332.0	3898
3992 >E	Buchanan South 345kV Voltage	SBK Princetown 345	60.1	327.8	327.4	3679
3993 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	50.4	327.8	328.6	3936
4001 >E	Ramapo 345kV Voltage	SBK Edic R70	55.9	327.8	328.1	3987
4004 >E	Ramapo 345kV Voltage	SBK Princetown 345	55.6	327.8	328.0	3690
4015 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	56.0	327.8	327.9	3960
4017 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	56.1	327.8	327.8	4001
4022 >E	Roseton 345kV Voltage	SBK Edic R70	51.7	327.8	328.1	4007
4036 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	52.0	327.8	327.8	4020
4038 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	52.0	327.8	327.7	3983
4039 >E	Niagara 345kV Voltage	Ph2 DC 1500	46.0	327.8	337.8	3932
4042 >E	Ladentown 345kV Voltage	Ph2 DC 1500	55.8	327.8	335.3	3934
4050 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	54.7	327.8	328.7	3992
4055 >E	Roseton 345kV Voltage	SBK Princetown 345	52.3	327.8	327.4	3736
4064 >E	Gardenville 230kV Voltage	SBK Edic R945	53.2	207	220.7	2792
4064 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	53.2	207	220.7	2792
4081 >E	Ladentown 345kV Voltage	SBK Edic R70	56.2	327.8	328.1	4064
4081 >E	Bowline 1 345kV Voltage	Marcy South S.	48.0	327.8	300.4	3485
4092 >E	Bowline 2 345kV Voltage	Marcy South S.	47.7	327.8	300.4	3487
4094 >E	Ladentown 345kV Voltage	SBK Princetown 345	56.2	327.8	327.9	3771
4096 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	56.4	327.8	327.8	4040
4097 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	56.4	327.8	327.8	4081
4128 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	55.7	327.8	335.7	3992
4134 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	54.6	327.8	328.7	4075
4145 >E	Roseton 345kV Voltage	Ph2 DC 1500	55.9	327.8	333.2	4004
4153 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	55.6	327.8	335.8	4009
4159 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	54.6	327.8	328.7	4099
4162 >E	Ramapo 345kV Voltage	SBK Marcy R3108	60.9	327.8	325.6	3215
4167 >E	Bowline 1 345kV Voltage	SBK Edic R70	56.1	327.8	328.1	4148
4169 >E	Gardenville 230kV Voltage	Marcy South N.	62.7	207	230.3	4358

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4180 >E	Bowline 1 345kV Voltage	SBK Princetown 345	56.0	327.8	327.9	3850
4183 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	56.3	327.8	327.8	4126
4184 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	56.3	327.8	327.8	4167
4192 >E	Bowline 2 345kV Voltage	SBK Edic R70	56.0	327.8	328.1	4172
4205 >E	Bowline 2 345kV Voltage	SBK Princetown 345	56.0	327.8	327.9	3873
4208 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	56.2	327.8	327.8	4151
4209 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	56.3	327.8	327.8	4192
4220 >E	Millwood 345kV Voltage	Marcy South N.	75.7	327.8	333.4	4388
4255 >E	Roseton 345kV Voltage	Marcy South N.	59.4	327.8	334.9	4409
4276 >E	Dunwoodie 345kV Voltage	Marcy South N.	89.7	327.8	332.2	4421
4283 >E	Sprain Brook 345kV Voltage	Marcy South N.	89.6	327.8	332.2	4425
4288 >E	Ladentown 345kV Voltage	SBK Marcy R3108	62.8	327.8	325.6	3269
4391 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	62.9	327.8	325.3	3313
4485 >E	Buchanan North 345kV Voltage	Marcy South N.	87.7	327.8	330.7	4545
4491 >E	Buchanan South 345kV Voltage	Marcy South N.	81.0	327.8	333.0	4548
4508 >E	Rock Tavern 345kV Voltage	Marcy South N.	64.3	327.8	321.8	4558
4586 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	69.0	327.8	325.3	3396
4706 >E	Gardenville 230kV Voltage	Ph2 DC 1500	75.4	207	215.5	4382
5045 >E	Ramapo 345kV Voltage	Marcy South N.	92.7	327.8	329.5	4876
5245 >E	Ladentown 345kV Voltage	Marcy South N.	97.1	327.8	331.2	4994
5459 >E	Rainey 345kV Voltage	Marcy South S.	102.8	327.8	325.9	3711
5509 >E	Farragut 345kV Voltage	Marcy South S.	106.8	327.8	325.9	3719
5668 >E	Bowline 1 345kV Voltage	Marcy South N.	106.9	327.8	331.5	5244
5700 >E	Bowline 2 345kV Voltage	Marcy South N.	106.4	327.8	331.6	5262
5848 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	117.6	327.8	332.4	2387
5862 >E	Rainey 345kV Voltage	Ravenswood 3	153.1	327.8	341.4	5851
5892 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	121.7	327.8	332.3	2393
6049 >E	Farragut 345kV Voltage	Ravenswood 3	161.5	327.8	340.7	6032
6169 >E	Niagara 345kV Voltage	Volney-Marcy	122.0	327.8	476.3	3969
6444 >E	Goethals 345kV Voltage	Marcy South S.	144.5	327.8	325.9	3871
6693 >E	Rainey 345kV Voltage	Pre-Fault	243.6	NA	338	6693
6727 >E	Farragut 345kV Voltage	Pre-Fault	253.8	NA	338	6727
6947 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	164.2	327.8	332.2	2548
7476 >E	Somerset 345kV Voltage	Ravenswood 3	222.9	327.8	340.5	7408
7530 >E	Goethals 345kV Voltage	Ravenswood 3	220.6	327.8	339.8	7459
7796 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	190.7	327.8	334.6	5018
7796 >E	Rainey 345kV Voltage	SBK Edic R945	190.7	327.8	334.6	5018
7843 >E	Somerset 345kV Voltage	SBK Edic R70	236.1	327.8	339.8	7693
7861 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	197.1	327.8	334.5	5056

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Interface: Central East

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1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7861 >E	Farragut 345kV Voltage	SBK Edic R945	197.1	327.8	334.5	5057
8145 >E	Goethals 345kV Voltage	Pre-Fault	350.6	NA	338	8145
8222 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	214.0	207	318.2	2735
8377 >E	Rainey 345kV Voltage	SBK Marcy R3108	212.1	327.8	325.1	5010
8457 >E	Farragut 345kV Voltage	SBK Marcy R3108	219.4	327.8	325.2	5043
8573 >E	Rainey 345kV Voltage	Volney-Marcy	220.2	327.8	330.3	4878
8624 >E	Rainey 345kV Voltage	Ph2 DC 1500	221.9	327.8	335.7	7029
8671 >E	Farragut 345kV Voltage	Ph2 DC 1500	228.3	327.8	335.7	7060
8692 >E	Farragut 345kV Voltage	Volney-Marcy	229.2	327.8	330.3	4922
8744 >E	Somerset 345kV Voltage	Pre-Fault	513.7	NA	338	8744
8762 >E	Somerset 345kV Voltage	SBK Princetown 345	278.0	327.8	338.0	8028
8911 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	233.7	327.8	328.9	8778
9040 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	243.4	327.8	328.9	8905
9149 >E	Rainey 345kV Voltage	SBK Edic R70	242.9	327.8	327.9	8953
9185 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	243.9	327.8	327.8	9148
9201 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	244.4	327.8	327.7	9069
9286 >E	Farragut 345kV Voltage	SBK Edic R70	253.0	327.8	327.9	9085
9311 >E	Rainey 345kV Voltage	SBK Princetown 345	247.7	327.8	327.3	8529
9324 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	254.1	327.8	327.8	9286
9325 >E	Watercure 230kV Voltage	SBK Princetown 345	263.1	207	216.9	8542
9333 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	254.4	327.8	327.7	9199
9456 >E	Farragut 345kV Voltage	SBK Princetown 345	258.3	327.8	327.2	8661
9605 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	267.3	327.8	334.6	6097
9605 >E	Goethals 345kV Voltage	SBK Edic R945	267.3	327.8	334.6	6097
10131 >E	Watercure 230kV Voltage	Pre-Fault	422.7	NA	215	10131
10299 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	259.4	327.8	569.2	3039
10399 >E	Goethals 345kV Voltage	SBK Marcy R3108	297.7	327.8	325.0	5870
10471 >E	Goethals 345kV Voltage	Ph2 DC 1500	301.2	327.8	336.3	8277
10644 >E	Rainey 345kV Voltage	Marcy South N.	296.0	327.8	334.5	8184
10738 >E	Watercure 230kV Voltage	Ravenswood 3	321.3	207	213.6	10554
10740 >E	Farragut 345kV Voltage	Marcy South N.	305.7	327.8	334.4	8241
10885 >E	Watercure 230kV Voltage	SBK Edic R70	319.8	207	213.2	10627

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\2A\Sum2023_CEVC_PH2_10_2A.xlsx

1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
10890	Goethals 345kV Voltage	Volney-Marcy	317.6	327.8	330.2	5753
>E						
11320	Goethals 345kV Voltage	N.Scot-Leeds 345	335.2	327.8	328.9	11150
>E						
11685	Goethals 345kV Voltage	SBK Edic R70	349.6	327.8	327.9	11399
>E						
11735	Goethals 345kV Voltage	Princetown-N.Scot 345	351.1	327.8	327.8	11687
>E						
11751	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	351.6	327.8	327.7	11580
>E						
11808	Northport 138kV Voltage	Marcy South S.	714.5	131.1	130.6	4747
>E						
11883	Goethals 345kV Voltage	SBK Princetown 345	355.9	327.8	327.3	10874
>E						
12406	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	380.5	207	209.6	12226
>E						
12462	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	445.0	327.8	330.8	12281
>E						
12519	Somerset 345kV Voltage	N.Scot-Leeds 345	447.5	327.8	330.7	12330
>E						
12581	Watercure 230kV Voltage	N.Scot-Leeds 345	387.1	207	209.2	12390
>E						
13149	Watercure 230kV Voltage	Princetown-N.Scot 345	408.8	207	207.9	13094
>E						
13487	Somerset 345kV Voltage	Princetown-N.Scot 345	491.3	327.8	328.8	13431
>E						
13552	Goethals 345kV Voltage	Marcy South N.	418.7	327.8	334.2	9902
>E						
14161	Northport 138kV Voltage	Marcy-N.Scot99 345	898.5	131.1	132.7	3606
>E						
20065	Northport 138kV Voltage	SBK Marcy R3108	1362.0	131.1	130.0	9985
>E						
20081	Northport 138kV Voltage	Pre-Fault	1969.2	NA	135	20081
>E						
22175	Northport 138kV Voltage	Ph2 DC 1500	1529.3	131.1	136.9	16182
>E						
23766	Northport 138kV Voltage	Edic-Gordon Rd. 345	1652.1	131.1	134.4	14543
>E						
23766	Northport 138kV Voltage	SBK Edic R945	1652.1	131.1	134.4	14544
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

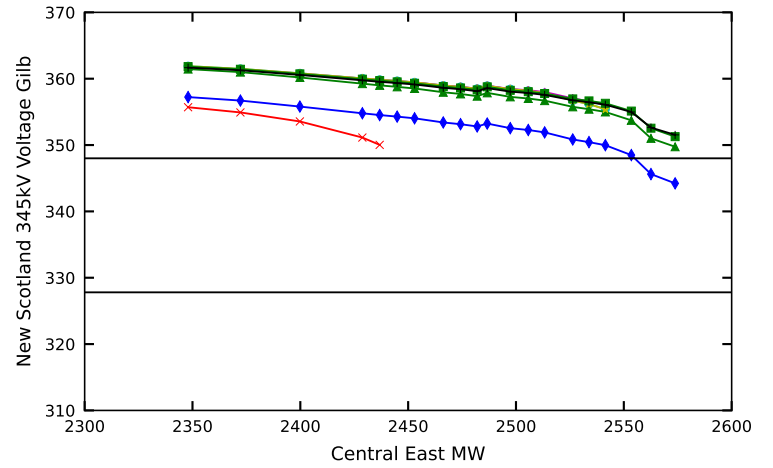
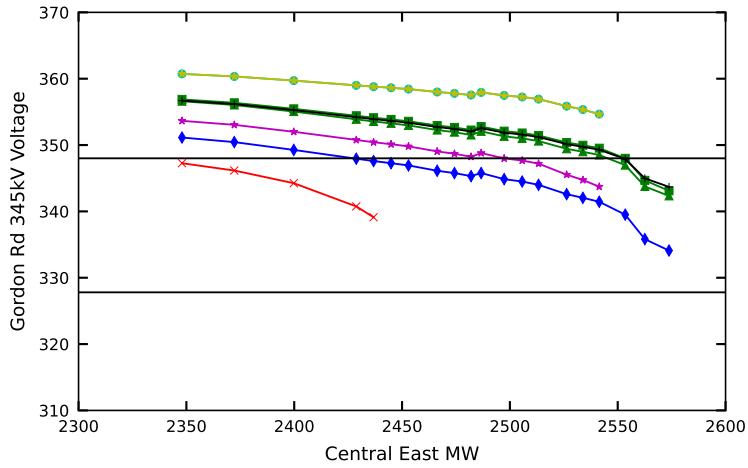
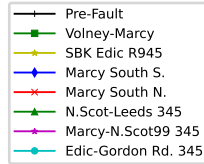
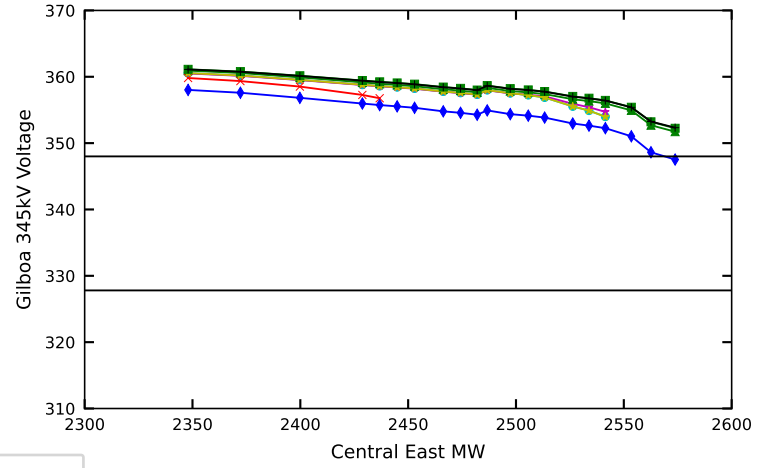
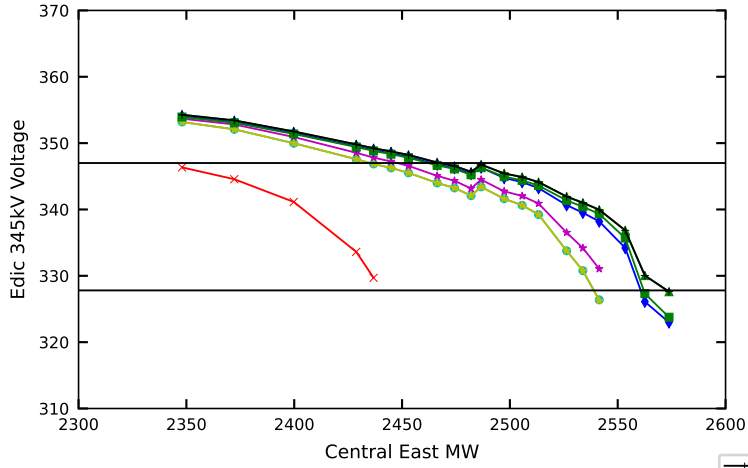
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1: 2023S CEVC PH2 CE2510 MS2270 DE1300 10 2A

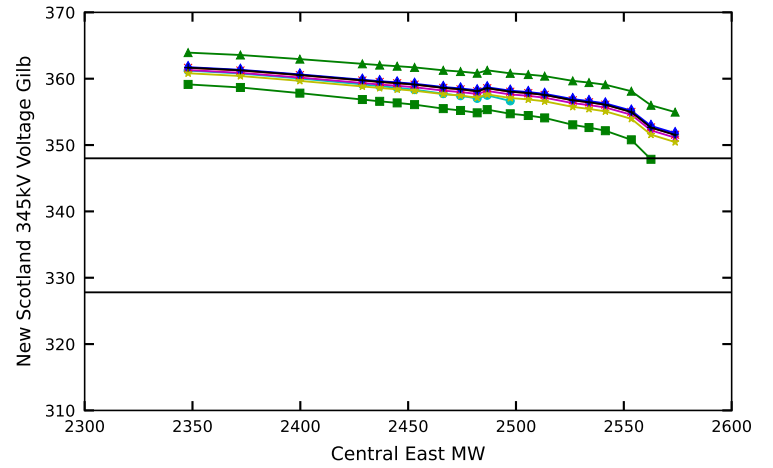
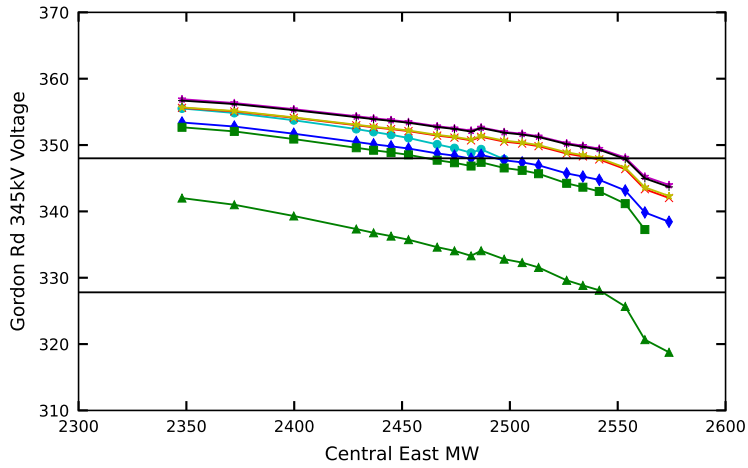
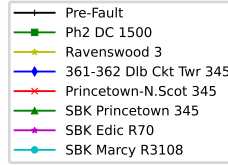
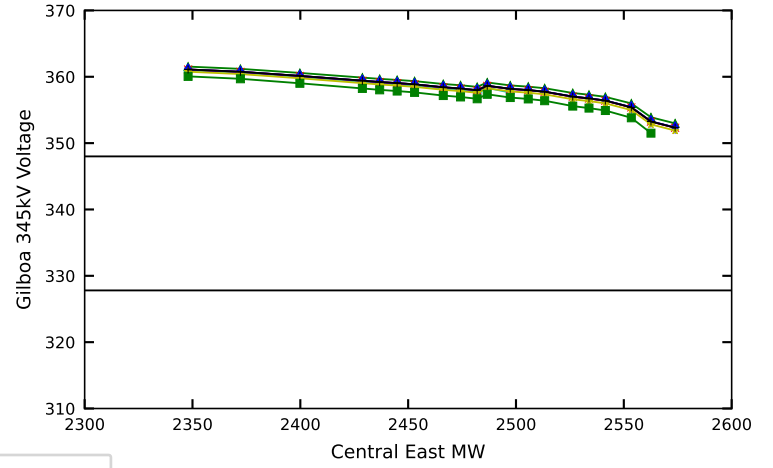
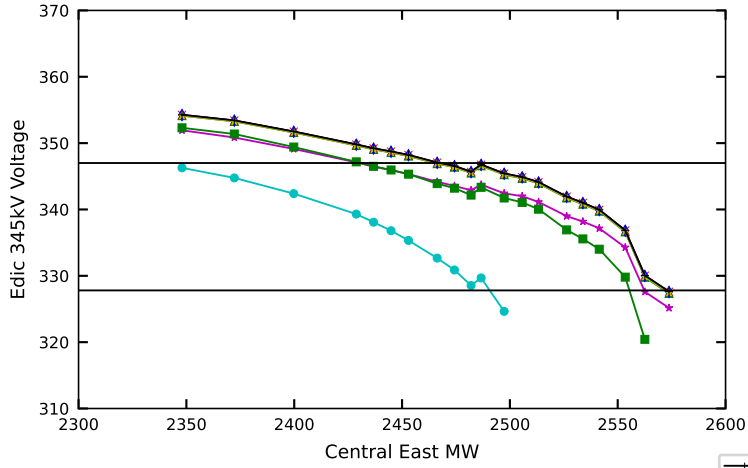
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
23947 >E	Northport 138kV Voltage	Ravenswood 3	1706.1	131.1	133.0	23292
25939 >E	Northport 138kV Voltage	Volney-Marcy	1824.7	131.1	132.0	11440
26947 >E	Northport 138kV Voltage	N.Scot-Leeds 345	1905.6	131.1	131.5	26534
27649 >E	Northport 138kV Voltage	SBK Edic R70	1961.0	131.1	131.2	26795
27761 >E	Northport 138kV Voltage	Princetown-N.Scot 345	1969.2	131.1	131.1	27645
27868 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	1977.4	131.1	131.0	27456
28317 >E	Northport 138kV Voltage	SBK Princetown 345	2011.1	131.1	130.8	25859
32087 >E	Northport 138kV Voltage	Marcy South N.	2319.6	131.1	133.7	20854
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

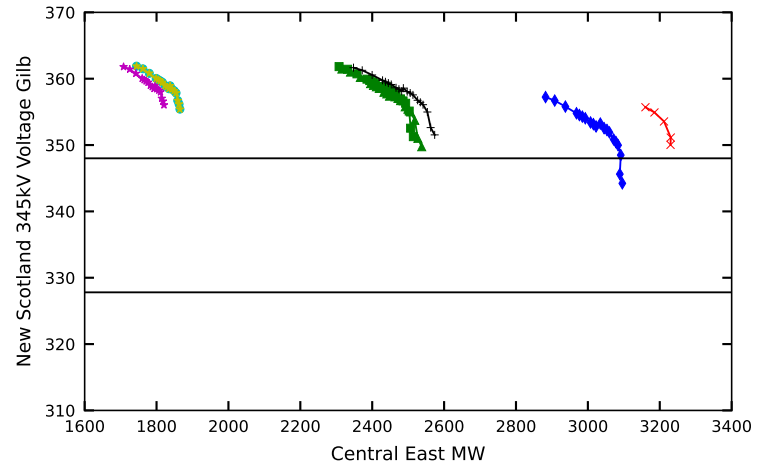
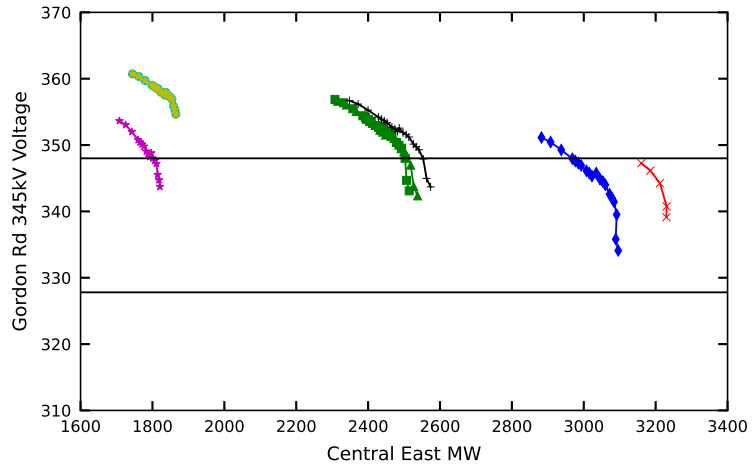
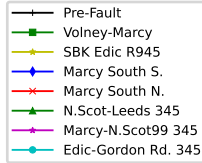
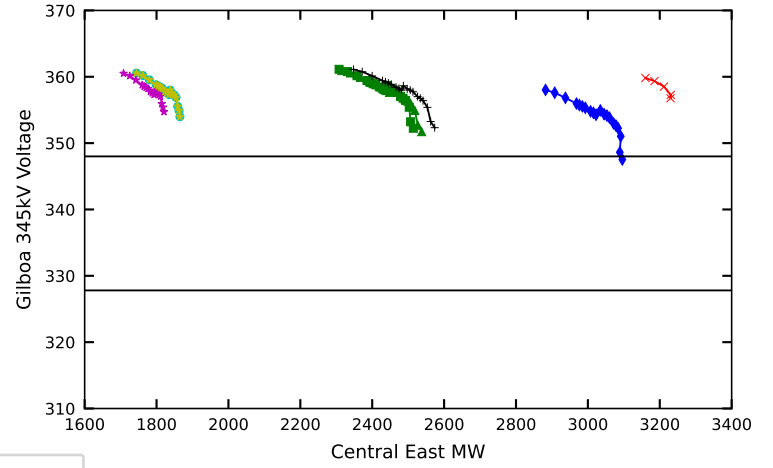
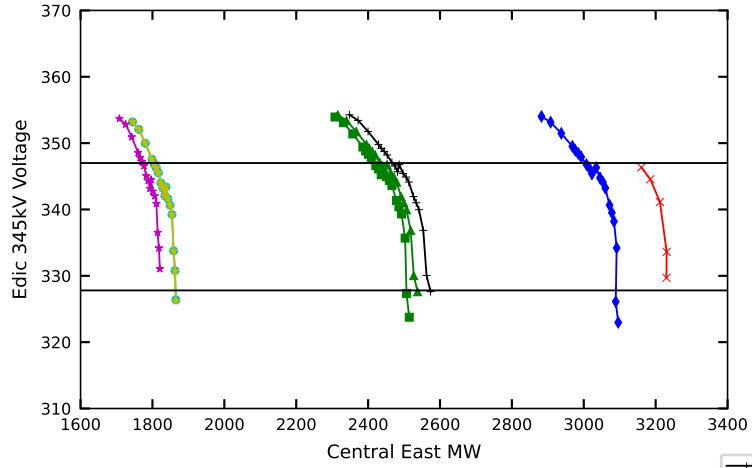
1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S Figure 1



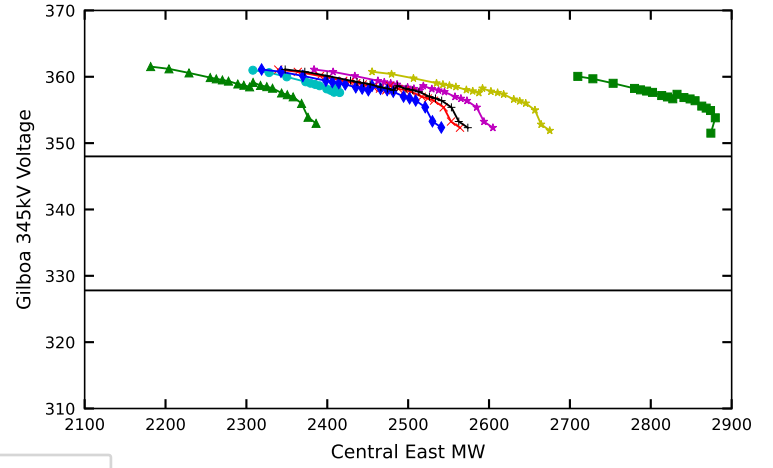
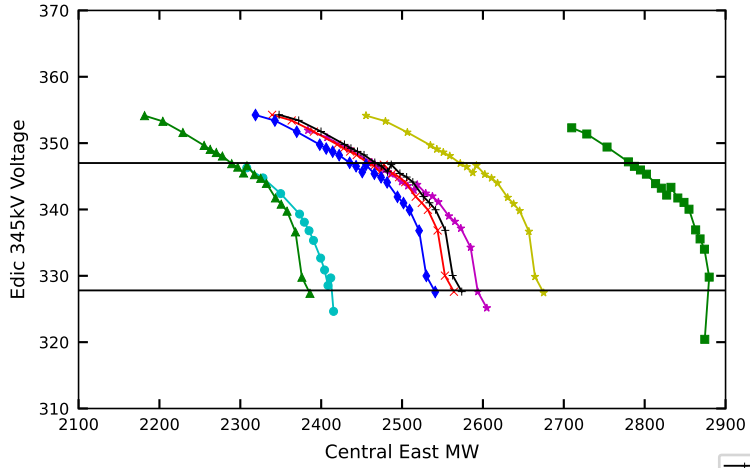
1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S Figure 2



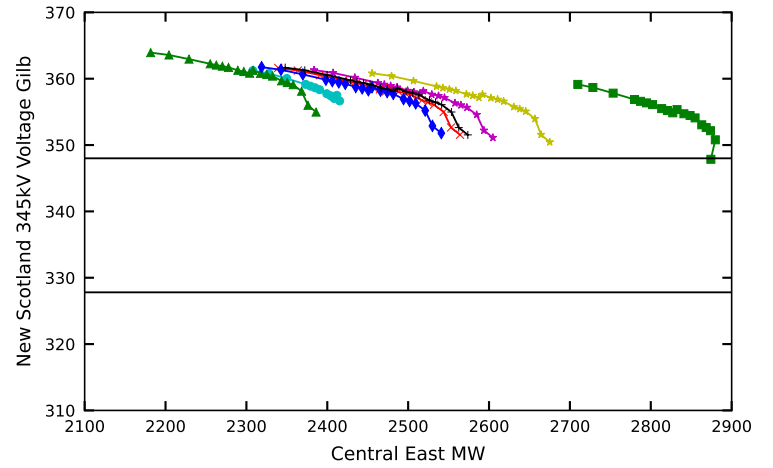
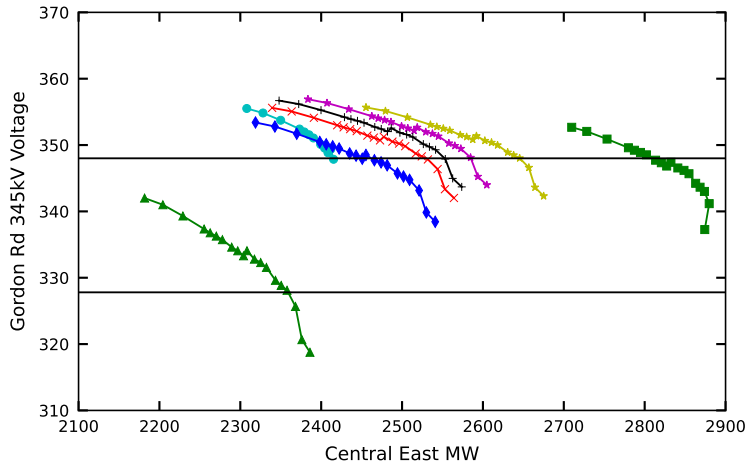
1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S Figure 1



1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S Figure 2



- Pre-Fault
- Ph2 DC 1500
- Ravenswood 3
- 361-362 Dlb Ckt Twr 345
- Princetown-N.Scot 345
- SBK Princetown 345
- SBK Edic R70
- SBK Marcy R3108



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2347	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2372	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2399	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2428	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2436	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2444	t6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2452	t7	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2466	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2474	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2482	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2486	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2497	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2505	t1	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0
	3															
2513	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	4															
2526	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	5															
2533	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	6															
2541	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	7															
2553	t1	0	2	1	0	2	0	2	0	2	0	0	0	0	0	0
	8															
2562	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	9															
2573	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	0															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\3S\Sum2023_CEVC_PH2_10_3S.xlsx

1: 2023S CEVC PH2 CE2340 MS2270 DE1300 1O 3S

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17	t18	t19	t20
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\3S\Sum2023_CEVC_PH2_10_3S.xlsx

1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2269 <E	Dunwoodie 345kV Voltage	Pre-Fault	110.9	NA	348	2269
2280 <E	Sprain Brook 345kV Voltage	Pre-Fault	111.1	NA	348	2280
2307	limit with 5% margin	Marcy South N.	NA	NA	NA	3069
2372	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2294
2414	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1771
2414	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1729
2414	limit with 5% margin	SBK Edic R945	NA	NA	NA	1771
2425	limit with 5% margin	Marcy South S.	NA	NA	NA	2936
2425	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2735
2429 >E	Clay 345kV Voltage	Marcy South N.	3.6	327.8	346.4	3231
2445	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2410
2445	limit with 5% margin	Volney-Marcy	NA	NA	NA	2388
2445	limit with 5% margin	SBK Edic R70	NA	NA	NA	2474
2445	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2266
2445	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2435
2445	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2413
2445	limit with 5% margin	Ravenswood 3	NA	NA	NA	2541
2447	Pannell Road 345kV Voltage	Pre-Fault	19.2	NA	346	2447
2449	Station 80 345kV Voltage	Pre-Fault	18.3	NA	346	2449
2450	Clay 345kV Voltage	Pre-Fault	14.5	NA	345	2450
2451 >E	Edic 345kV Voltage	Marcy South N.	3.9	327.8	348.3	3245
2453 >E	Marcy 345kV Voltage	Marcy South N.	3.9	327.8	348.3	3246
2457	Marcy 345kV Voltage	Pre-Fault	11.6	NA	348	2457
2467	Edic 345kV Voltage	Pre-Fault	15.4	NA	347	2467
2468	Clay 345kV Voltage	SBK Marcy R3108	3.7	327.8	343.7	2400
2476 >E	Pannell Road 345kV Voltage	Marcy South N.	6.1	327.8	344.8	3261
2490	Edic 345kV Voltage	SBK Marcy R3108	2.1	327.8	346.3	2413
2502 >E	Station 80 345kV Voltage	Marcy South N.	7.3	327.8	344.2	3278
2507 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.1	327.8	343.2	2418
2520 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.7	327.8	342.9	2422
2529	Clay 345kV Voltage	SBK Edic R945	2.3	327.8	337.9	1860
2529	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.3	327.8	337.9	1860
2530 >E	Oakdale 345kV Voltage	Marcy South N.	5.7	320	348.3	3296
2535 >E	Gordon Rd 345kV Voltage	Marcy South N.	8.3	327.8	350.3	3299
2537	Clay 345kV Voltage	Marcy-N.Scot99 345	2.2	327.8	336.8	1819
2538	Edic 345kV Voltage	SBK Edic R945	1.7	327.8	340.3	1864
2538	Edic 345kV Voltage	Edic-Gordon Rd. 345	1.7	327.8	340.3	1864
2539	Marcy 345kV Voltage	SBK Edic R945	1.7	327.8	340.5	1864
2539	Marcy 345kV Voltage	Edic-Gordon Rd. 345	1.7	327.8	340.5	1864
2542	Gordon Rd 345kV Voltage	SBK Princetown 345	4.9	327.8	349.1	2359

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2548	Clay 345kV Voltage	Ph2 DC 1500	2.7	327.8	334.4	2877
2548	Clay 345kV Voltage	Volney-Marcy	2.8	327.8	334.4	2498
2549 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	2.4	327.8	338.9	1823
2550 >E	Pannell Road 345kV Voltage	SBK Edic R945	2.8	327.8	339.3	1867
2551 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	339.2	1868
2551 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.4	327.8	338.8	1824
2552	Gordon Rd 345kV Voltage	Pre-Fault	8.6	NA	348	2552
2557	Clay 345kV Voltage	SBK Edic R70	1.2	327.8	330.0	2588
2559	Clay 345kV Voltage	SBK Princetown 345	1.2	327.8	328.5	2373
2559 >E	Edic 345kV Voltage	Ph2 DC 1500	2.9	327.8	335.4	2882
2559	Clay 345kV Voltage	Ravenswood 3	1.2	327.8	328.3	2661
2559	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	1.2	327.8	327.9	2527
2559	Clay 345kV Voltage	N.Scot-Leeds 345	1.2	327.8	327.9	2524
2559	Clay 345kV Voltage	Princetown-N.Scot 345	1.2	327.8	327.8	2550
2560 >E	Clay 345kV Voltage	Marcy South S.	2.9	327.8	331.1	3095
2560 >E	Marcy 345kV Voltage	Ph2 DC 1500	2.9	327.8	335.2	2883
2561	Millwood 345kV Voltage	Pre-Fault	11.8	NA	348	2561
2562 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.2	320	345.3	2436
2562	Edic 345kV Voltage	Volney-Marcy	1.1	327.8	330.4	2506
2562	Edic 345kV Voltage	SBK Edic R70	1.4	327.8	330.3	2593
2562 >E	Station 80 345kV Voltage	SBK Edic R945	3.5	327.8	340.0	1871
2563 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	340.0	1872
2564	Marcy 345kV Voltage	Volney-Marcy	3.2	327.8	329.9	2507
2566 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	338.1	1829
2571	Edic 345kV Voltage	SBK Princetown 345	4.6	327.8	328.1	2384
2572	Edic 345kV Voltage	Ravenswood 3	4.6	327.8	328.0	2673
2572 >E	Oakdale 345kV Voltage	SBK Edic R945	2.1	320	341.3	1874
2572	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	327.9	2539
2572 >E	Edic 345kV Voltage	Marcy South S.	3.0	327.8	331.9	3103
2572	Edic 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	327.8	2536
2572	Edic 345kV Voltage	Princetown-N.Scot 345	4.6	327.8	327.8	2563
2573 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.1	320	341.1	1875
2573	Marcy 345kV Voltage	SBK Edic R70	4.6	327.8	327.8	2604
2573	Marcy 345kV Voltage	SBK Princetown 345	4.6	327.8	327.8	2386
2573	Marcy 345kV Voltage	Ravenswood 3	4.6	327.8	327.8	2675
2573	Marcy 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	327.8	2537
2573	Marcy 345kV Voltage	Princetown-N.Scot 345	4.6	327.8	327.8	2564
2573	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	327.8	2540

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2574 >E	Marcy 345kV Voltage	Marcy South S.	3.0	327.8	331.7	3104
2574 >E	Oakdale 345kV Voltage	Pre-Fault	5.2	NA	335	2574
2580 >E	Pannell Road 345kV Voltage	Volney-Marcy	18.7	327.8	334.9	2519
2581 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	4.8	327.8	333.9	2893
2584 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	5.2	327.8	338.9	1836
2591 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.8	320	338.1	1838
2596 >E	Pannell Road 345kV Voltage	Marcy South S.	5.1	327.8	331.5	3118
2599 >E	Station 80 345kV Voltage	Ph2 DC 1500	6.1	327.8	334.1	2902
2599 >E	Fraser 345kV Voltage	SBK Edic R945	3.0	327.8	347.5	1883
2601 >E	Buchanan North 345kV Voltage	Pre-Fault	34.4	NA	346	2601
2601 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.1	327.8	347.3	1884
2609 >E	Oakdale 345kV Voltage	Volney-Marcy	3.8	320	328.2	2538
2609 >E	New Scotland 345kV Voltage Alps	Pre-Fault	10.2	NA	348	2609
2609 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	10.2	NA	348	2609
2613 >E	Fraser 345kV Voltage	Pre-Fault	6.1	NA	338	2613
2618 >E	St.Lawrence 230kV Voltage	SBK Edic R945	7.7	218.5	228.3	1888
2620 >E	Coopers Corners 345kV Voltage	SBK Edic R945	4.8	327.8	347.5	1889
2620 >E	Station 80 345kV Voltage	Marcy South S.	6.5	327.8	331.6	3133
2621 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	7.9	218.5	228.2	1890
2621 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.6	320	328.0	2913
2622 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.9	327.8	347.3	1891
2625 >E	Gordon Rd 345kV Voltage	Marcy South S.	6.2	327.8	339.5	3136
2626 >E	Gilboa 345kV Voltage	Pre-Fault	12.1	NA	348	2626
2632 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	344.5	1853
2634 >E	Somerset 345kV Voltage	SBK Marcy R3108	7.1	327.8	347.5	2459
2634 >E	St.Lawrence 230kV Voltage	Pre-Fault	22.7	NA	225	2634
2638 >E	Niagara 230kV East Voltage	SBK Edic R945	7.9	218.5	224.3	1895
2638 >E	Niagara 230kV West Voltage	SBK Edic R945	7.9	218.5	224.3	1895
2639 >E	Marcy 345kV Voltage	SBK Marcy R3108	8.0	327.8	327.8	2461
2639 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	7.1	327.8	342.6	2461
2639 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	8.0	218.5	224.2	1896
2639 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	8.0	218.5	224.2	1896
2640 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	6.5	327.8	337.7	2922
2641 >E	Oakdale 345kV Voltage	Marcy South S.	3.9	320	323.5	3145
2641 >E	Coopers Corners 345kV Voltage	Pre-Fault	8.3	NA	338	2641
2643 >E	Rock Tavern 345kV Voltage	Pre-Fault	19.1	NA	348	2643
2645 >E	Oakdale 345kV Voltage	SBK Princetown 345	5.1	320	321.3	2449
2646 >E	Oakdale 345kV Voltage	Ravenswood 3	5.1	320	321.1	2744
2648 >E	Oakdale 345kV Voltage	SBK Edic R70	5.1	320	320.6	2679
2650 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	320	320.2	2616

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2650 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	5.1	320	320.2	2611
2651 >E	Oakdale 345kV Voltage	Prinetown-N.Scot 345	5.1	320	320.1	2641
2655 >E	Pleasant Valley 345kV Voltage	Pre-Fault	26.2	NA	348	2655
2658 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	8.0	327.8	334.0	2624
2658 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	345.2	1862
2659 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	9.3	218.5	222.7	1862
2659 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	9.3	218.5	222.7	1862
2660 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	342.3	1863
2668 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	11.8	218.5	222.4	2936
2669 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	11.5	218.5	226.6	1866
2676 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	327.8	2636
2676 >E	Fraser 345kV Voltage	Volney-Marcy	6.1	327.8	327.8	2583
2676 >E	Fraser 345kV Voltage	SBK Edic R70	6.1	327.8	327.8	2706
2676 >E	Fraser 345kV Voltage	SBK Prinetown 345	6.1	327.8	327.8	2477
2676 >E	Fraser 345kV Voltage	Prinetown-N.Scot 345	6.1	327.8	327.8	2666
2676 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	327.8	2641
2676 >E	Fraser 345kV Voltage	Ravenswood 3	6.1	327.8	327.8	2773
2678 >E	Watercure 230kV Voltage	SBK Marcy R3108	8.1	207	227.3	2473
2681 >E	Gordon Rd 345kV Voltage	Volney-Marcy	7.0	327.8	331.4	2587
2681 >E	Buchanan South 345kV Voltage	Pre-Fault	33.1	NA	346	2681
2684 >E	Fraser 345kV Voltage	Marcy South S.	5.7	327.8	327.8	3172
2684 >E	Fraser 345kV Voltage	Ph2 DC 1500	5.7	327.8	327.8	2943
2686 >E	St.Lawrence 230kV Voltage	Marcy South N.	20.5	218.5	230.0	3397
2686 >E	Watercure 230kV Voltage	SBK Edic R945	6.8	207	229.4	1909
2688 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	7.9	327.8	330.6	2647
2688 >E	Fraser 345kV Voltage	SBK Marcy R3108	6.8	327.8	340.6	2476
2691 >E	St.Lawrence 230kV Voltage	Volney-Marcy	14.3	218.5	222.5	2593
2692 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	7.1	207	229.2	1913
2694 >E	Gordon Rd 345kV Voltage	Prinetown-N.Scot 345	8.5	327.8	329.9	2684
2697 >E	Gordon Rd 345kV Voltage	Ravenswood 3	8.6	327.8	329.5	2793
2701 >E	St.Lawrence 230kV Voltage	Marcy South S.	12.8	218.5	220.2	3183
2703 >E	Coopers Corners 345kV Voltage	Ravenswood 3	8.2	327.8	330.5	2799
2705 >E	Somerset 345kV Voltage	SBK Edic R945	8.7	327.8	354.3	1915
2707 >E	New Scotland 345kV Voltage Alps	Marcy South N.	12.0	327.8	352.0	3410
2707 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	12.0	327.8	352.0	3410
2708 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	7.3	327.8	331.9	2955
2713 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	354.5	1920
2713 >E	Coopers Corners 345kV Voltage	SBK Edic R70	8.2	327.8	329.3	2744
2714 >E	Coopers Corners 345kV Voltage	Volney-Marcy	7.6	327.8	329.3	2609

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2715 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	8.2	327.8	329.1	2512
2716 >E	Somerset 345kV Voltage	Marcy South N.	13.9	327.8	348.1	3416
2717 >E	Gordon Rd 345kV Voltage	SBK Edic R70	8.9	327.8	327.3	2747
2720 >E	New Scotland 345kV Voltage Alps	Marcy South S.	8.1	327.8	339.7	3195
2720 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	8.1	327.8	339.7	3195
2721 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	8.2	327.8	328.4	2679
2724 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	8.3	327.8	328.0	2688
2725 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	8.3	327.8	327.9	2715
2738 >E	Ramapo 500kV Voltage	Ph2 DC 1500	36.6	500	505.6	2970
2744 >E	Ramapo 500kV Voltage	Ravenswood 3	40.6	500	504.9	2838
2745 >E	Watercure 230kV Voltage	Marcy South N.	15.6	207	229.2	3435
2753 >E	Ramapo 345kV Voltage	Pre-Fault	33.2	NA	346	2753
2753 >E	Gilboa 345kV Voltage	SBK Edic R945	8.1	327.8	347.2	1930
2755 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	8.8	327.8	336.5	2978
2755 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	8.8	327.8	336.5	2978
2756 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	20.2	218.5	223.7	2498
2759 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	8.3	327.8	346.9	1934
2767 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	8.8	327.8	332.5	2723
2767 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	8.8	327.8	332.5	2723
2768 >E	St.Lawrence 230kV Voltage	Ravenswood 3	22.1	218.5	219.1	2861
2770 >E	Ramapo 500kV Voltage	SBK Edic R945	28.5	500	507.2	1936
2771 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	10.3	207	227.5	1902
2776 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	29.2	500	507.1	1940
2779 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	8.8	327.8	331.3	2653
2779 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	8.8	327.8	331.3	2653
2782 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	22.7	218.5	218.5	2771
2782 >E	Gilboa 345kV Voltage	Marcy South S.	9.9	327.8	336.1	3233
2782 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	22.7	218.5	218.5	2745
2783 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	22.7	218.5	218.5	2738
2786 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	22.9	218.5	218.3	2576
2798 >E	Ladentown 345kV Voltage	Pre-Fault	33.4	NA	346	2798
2798 >E	St.Lawrence 230kV Voltage	SBK Edic R70	24.6	218.5	217.8	2828
2800 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	10.0	327.8	329.3	2892
2800 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	10.0	327.8	329.3	2892
2805 >E	Leeds 345kV Voltage	Pre-Fault	20.1	NA	345	2805
2811 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	10.2	327.8	328.3	2840
2811 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	10.2	327.8	328.3	2840
2811 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	9.8	327.8	343.3	1948
2811 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	9.8	327.8	343.3	1948

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2816 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	10.2	327.8	327.7	2805
2816 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	10.2	327.8	327.7	2805
2818 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	10.0	327.8	343.0	1953
2818 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	10.0	327.8	343.0	1953
2820 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	10.3	327.8	327.3	2783
2820 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	10.3	327.8	327.3	2783
2824 >E	Roseton 345kV Voltage	Pre-Fault	28.7	NA	345	2824
2829 >E	Gordon Rd 345kV Voltage	SBK Edic R945	10.7	327.8	332.5	1954
2835 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	10.9	327.8	343.6	1925
2836 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	11.0	327.8	332.0	1959
2839 >E	Gilboa 345kV Voltage	Ph2 DC 1500	11.0	327.8	331.3	3019
2845 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	13.0	327.8	333.4	2527
2848 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	11.5	327.8	329.5	2801
2854 >E	Gilboa 345kV Voltage	Volney-Marcy	11.5	327.8	329.0	2704
2856 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	38.8	500	506.3	1933
2861 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	12.6	327.8	340.1	2532
2861 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	12.6	327.8	340.1	2532
2862 >E	Gilboa 345kV Voltage	Ravenswood 3	12.0	327.8	328.5	2951
2868 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	10.9	327.8	322.6	2649
2868 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	10.9	327.8	322.6	2649
2869 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	12.1	327.8	327.8	2858
2870 >E	Gilboa 345kV Voltage	SBK Edic R70	12.1	327.8	327.8	2899
2870 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	12.1	327.8	327.7	2832
2874 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	16.6	327.8	358.1	1939
2881 >E	Gilboa 345kV Voltage	SBK Princetown 345	12.2	327.8	326.9	2660
2884 >E	Bowline 1 345kV Voltage	Pre-Fault	33.4	NA	345	2884
2885 >E	Niagara 345kV Voltage	SBK Marcy R3108	14.2	327.8	351.4	2540
2905 >E	Gardenville 230kV Voltage	SBK Edic R945	14.7	207	227.2	1978
2906 >E	Bowline 2 345kV Voltage	Pre-Fault	34.0	NA	345	2906
2909 >E	Niagara 230kV East Voltage	SBK Marcy R3108	29.3	218.5	230.9	2548
2909 >E	Niagara 230kV West Voltage	SBK Marcy R3108	29.3	218.5	230.9	2548
2912 >E	Rock Tavern 345kV Voltage	SBK Edic R945	15.4	327.8	346.7	1980
2915 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	15.1	207	227.0	1984
2919 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	13.4	327.8	338.2	1955
2919 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	13.4	327.8	338.2	1955
2921 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	15.8	327.8	346.5	1986
2929 >E	Ramapo 500kV Voltage	Volney-Marcy	41.8	500	500.8	2754
2930 >E	Dunwoodie 345kV Voltage	Ravenswood 3	32.8	327.8	335.4	3016

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2932 >E	Sprain Brook 345kV Voltage	Ravenswood 3	32.7	327.8	335.4	3018
2936 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	42.6	500	500.6	2886
2940 >E	Gilboa 345kV Voltage	SBK Marcy R3108	14.9	327.8	339.2	2558
2942 >E	Ramapo 500kV Voltage	SBK Edic R70	43.1	500	500.5	2972
2943 >E	Somerset 345kV Voltage	Ph2 DC 1500	20.0	327.8	341.4	3070
2959 >E	Ramapo 500kV Voltage	SBK Princetown 345	45.5	500	500.1	2730
2960 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	22.0	327.8	329.2	3078
2960 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	44.8	500	500.1	2919
2961 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	44.8	500	500.0	2949
2962 >E	Rock Tavern 345kV Voltage	Ravenswood 3	18.7	327.8	331.3	3046
2963 >E	Ramapo 500kV Voltage	Pre-Fault	44.9	NA	500	2963
2974 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	22.6	327.8	329.3	3085
2990 >E	Millwood 345kV Voltage	Ravenswood 3	29.4	327.8	334.9	3073
3002 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	17.7	327.8	332.1	3099
3003 >E	Buchanan North 345kV Voltage	Ravenswood 3	31.0	327.8	334.3	3085
3010 >E	Leeds 345kV Voltage	Marcy South S.	16.2	327.8	336.2	3374
3013 >E	Rock Tavern 345kV Voltage	SBK Edic R70	18.8	327.8	328.6	3042
3015 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	18.6	327.8	328.5	2961
3015 >E	Rock Tavern 345kV Voltage	Volney-Marcy	18.4	327.8	328.5	2812
3023 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	24.2	327.8	332.0	3110
3025 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	19.1	327.8	328.0	2789
3027 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	19.1	327.8	327.9	2985
3028 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	19.1	327.8	327.8	3015
3028 >E	Dunwoodie 345kV Voltage	Marcy South S.	26.2	327.8	326.4	3386
3038 >E	Millwood 345kV Voltage	Ph2 DC 1500	22.9	327.8	330.3	3117
3052 >E	Buchanan South 345kV Voltage	Ravenswood 3	29.6	327.8	334.8	3133
3052 >E	Fraser 345kV Voltage	Marcy South N.	20.2	327.8	327.8	3633
3053 >E	Sprain Brook 345kV Voltage	Marcy South S.	27.3	327.8	326.2	3401
3058 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	21.1	327.8	343.8	2005
3061 >E	Somerset 345kV Voltage	Marcy South S.	23.4	327.8	338.6	3406
3063 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	20.7	207	224.5	2007
3064 >E	Pleasant Valley 345kV Voltage	Marcy South S.	23.1	327.8	332.2	3408
3086 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	25.1	327.8	331.6	3165
3089 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	23.8	327.8	331.6	3142
3108 >E	Gilboa 345kV Voltage	Marcy South N.	23.1	327.8	342.5	3670
3117 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	22.6	327.8	330.1	3155
3144 >E	Gardenville 230kV Voltage	SBK Marcy R3108	25.2	207	228.4	2623
3147 >E	Watercure 230kV Voltage	Ph2 DC 1500	26.0	207	223.1	3170
3149 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	24.9	327.8	329.2	3090

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3149 >E	Millwood 345kV Voltage	Marcy South S.	28.5	327.8	326.0	3461
3150 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	20.1	327.8	327.8	3137
3150 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	20.1	327.8	327.8	3091
3150 >E	Leeds 345kV Voltage	SBK Edic R70	20.1	327.8	327.8	3178
3150 >E	Leeds 345kV Voltage	Volney-Marcy	20.1	327.8	327.8	2903
3150 >E	Leeds 345kV Voltage	SBK Princetown 345	20.1	327.8	327.8	2900
3150 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	20.1	327.8	327.8	3106
3150 >E	Leeds 345kV Voltage	Ravenswood 3	20.1	327.8	327.8	3227
3169 >E	Ramapo 500kV Voltage	Marcy South S.	68.7	500	496.5	3473
3172 >E	Ramapo 345kV Voltage	Ph2 DC 1500	25.9	327.8	333.8	3182
3173 >E	Ramapo 345kV Voltage	Ravenswood 3	30.7	327.8	333.3	3248
3177 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	26.0	327.8	328.1	3205
3177 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	25.7	327.8	328.1	2921
3178 >E	Niagara 230kV East Voltage	Ph2 DC 1500	51.2	218.5	225.7	3185
3178 >E	Niagara 230kV West Voltage	Ph2 DC 1500	51.2	218.5	225.7	3185
3184 >E	Leeds 345kV Voltage	Ph2 DC 1500	20.7	327.8	327.8	3188
3185 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	36.2	327.8	328.7	3125
3185 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	36.0	327.8	328.7	3125
3185 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	26.2	327.8	327.8	3172
3188 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	31.3	327.8	328.9	3128
3189 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	26.3	327.8	327.6	3144
3189 >E	Ladentown 345kV Voltage	Ravenswood 3	30.2	327.8	334.3	3264
3191 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	32.7	327.8	328.9	3131
3197 >E	Buchanan North 345kV Voltage	SBK Edic R945	33.2	327.8	341.3	2068
3199 >E	Dunwoodie 345kV Voltage	SBK Edic R70	37.2	327.8	328.3	3227
3199 >E	Sprain Brook 345kV Voltage	SBK Edic R70	37.0	327.8	328.3	3227
3201 >E	Buchanan North 345kV Voltage	SBK Edic R70	33.4	327.8	328.6	3229
3204 >E	Millwood 345kV Voltage	SBK Edic R70	32.2	327.8	328.4	3232
3206 >E	Niagara 345kV Voltage	Marcy South N.	27.9	327.8	351.6	3733
3212 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	33.9	327.8	341.1	2079
3218 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	38.0	327.8	327.8	3204
3218 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	37.8	327.8	327.8	3205
3219 >E	Roseton 345kV Voltage	Ravenswood 3	27.6	327.8	331.2	3293
3219 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	27.0	327.8	326.5	2962
3220 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	38.1	327.8	327.7	3175
3221 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	37.9	327.8	327.7	3175
3222 >E	Ladentown 345kV Voltage	Ph2 DC 1500	26.4	327.8	334.5	3207

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3222 >E	Ramapo 345kV Voltage	SBK Edic R945	28.4	327.8	345.3	2076
3224 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	32.9	327.8	327.8	3210
3227 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	33.0	327.8	327.7	3181
3227 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	34.4	327.8	327.8	3213
3228 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	34.4	327.8	327.8	3182
3231 >E	Buchanan North 345kV Voltage	Volney-Marcy	34.4	327.8	327.7	2958
3234 >E	Dunwoodie 345kV Voltage	Volney-Marcy	38.6	327.8	327.4	2959
3234 >E	Sprain Brook 345kV Voltage	Volney-Marcy	38.4	327.8	327.4	2960
3237 >E	Millwood 345kV Voltage	Volney-Marcy	33.3	327.8	327.4	2962
3238 >E	Bowline 1 345kV Voltage	Ravenswood 3	30.2	327.8	334.4	3311
3238 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	29.1	327.8	345.1	2088
3240 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	31.2	327.8	329.1	3178
3243 >E	Roseton 345kV Voltage	Ph2 DC 1500	25.3	327.8	330.8	3217
3247 >E	Buchanan North 345kV Voltage	SBK Princetown 345	35.3	327.8	327.2	2987
3249 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	39.2	327.8	327.0	2988
3250 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	39.0	327.8	327.0	2989
3251 >E	Bowline 2 345kV Voltage	Ravenswood 3	30.2	327.8	334.9	3323
3255 >E	Buchanan South 345kV Voltage	SBK Edic R70	32.0	327.8	328.6	3283
3256 >E	Millwood 345kV Voltage	SBK Princetown 345	34.0	327.8	326.8	2995
3264 >E	Niagara 230kV East Voltage	Marcy South N.	58.8	218.5	231.0	3771
3264 >E	Niagara 230kV West Voltage	Marcy South N.	58.8	218.5	231.0	3771
3266 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	26.5	327.8	336.7	3229
3282 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	33.0	327.8	327.8	3268
3284 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	33.1	327.8	327.8	3237
3292 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	27.8	327.8	328.7	3227
3297 >E	Buchanan South 345kV Voltage	Volney-Marcy	33.5	327.8	327.4	3002
3304 >E	Roseton 345kV Voltage	SBK Edic R70	28.3	327.8	328.3	3331
3307 >E	Roseton 345kV Voltage	Volney-Marcy	28.2	327.8	328.2	3009
3309 >E	Buchanan South 345kV Voltage	Marcy South S.	32.6	327.8	323.9	3560
3313 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	31.5	327.8	329.1	3248
3314 >E	Leeds 345kV Voltage	Marcy South N.	28.4	327.8	347.9	3803
3314 >E	Buchanan South 345kV Voltage	SBK Princetown 345	34.2	327.8	326.8	3046
3317 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	28.7	327.8	327.8	3303
3319 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	28.7	327.8	327.8	3271
3322 >E	Ramapo 345kV Voltage	SBK Edic R70	32.0	327.8	328.8	3349
3334 >E	Roseton 345kV Voltage	SBK Princetown 345	29.1	327.8	327.2	3064
3344 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	28.9	327.8	335.0	3266

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3349 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	31.3	327.8	329.5	3283
3355 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	33.1	327.8	327.8	3341
3355 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	33.2	327.8	327.8	3307
3356 >E	Ladentown 345kV Voltage	SBK Edic R945	32.0	327.8	346.0	2118
3358 >E	Ramapo 345kV Voltage	Volney-Marcy	33.1	327.8	327.8	3043
3361 >E	Ladentown 345kV Voltage	SBK Edic R70	31.9	327.8	329.1	3389
3363 >E	Niagara 230kV East Voltage	Marcy South S.	62.2	218.5	223.9	3593
3363 >E	Niagara 230kV West Voltage	Marcy South S.	62.2	218.5	223.9	3593
3366 >E	Buchanan North 345kV Voltage	Marcy South S.	37.1	327.8	320.4	3595
3374 >E	Ramapo 500kV Voltage	SBK Marcy R3108	89.1	500	504.3	2698
3375 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	32.7	327.8	345.8	2132
3375 >E	Ramapo 345kV Voltage	SBK Princeton 345	34.0	327.8	327.2	3101
3377 >E	Gardenville 230kV Voltage	Ph2 DC 1500	32.3	207	216.4	3283
3386 >E	Ramapo 500kV Voltage	Marcy South N.	101.6	500	505.2	3850
3396 >E	Buchanan South 345kV Voltage	SBK Edic R945	37.7	327.8	341.9	2130
3399 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	31.3	327.8	329.6	3330
3401 >E	Bowline 1 345kV Voltage	SBK Edic R945	31.7	327.8	347.9	2132
3404 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	33.4	327.8	327.9	3389
3405 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	33.4	327.8	327.8	3356
3412 >E	Bowline 1 345kV Voltage	SBK Edic R70	31.9	327.8	329.2	3439
3413 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	31.2	327.8	330.1	3344
3413 >E	Roseton 345kV Voltage	SBK Edic R945	32.0	327.8	343.4	2135
3413 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	38.4	327.8	341.7	2144
3421 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	32.5	327.8	347.7	2146
3425 >E	Ladentown 345kV Voltage	Volney-Marcy	34.0	327.8	327.2	3089
3426 >E	Bowline 2 345kV Voltage	SBK Edic R70	31.9	327.8	329.7	3453
3431 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	32.7	327.8	343.1	2149
3431 >E	Millwood 345kV Voltage	SBK Edic R945	41.7	327.8	339.8	2141
3439 >E	Ladentown 345kV Voltage	SBK Princeton 345	34.6	327.8	326.8	3157
3448 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	42.5	327.8	339.6	2155
3457 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	33.3	327.8	327.9	3442
3458 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	33.4	327.8	327.8	3408
3468 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	46.4	327.8	338.4	2152
3469 >E	Roseton 345kV Voltage	Marcy South S.	33.4	327.8	322.8	3659
3473 >E	Gardenville 230kV Voltage	Marcy South S.	36.1	207	214.4	3662
3479 >E	Sprain Brook 345kV Voltage	SBK Edic R945	50.3	327.8	338.0	2156
3479 >E	Bowline 1 345kV Voltage	Volney-Marcy	34.0	327.8	327.2	3125
3488 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	33.9	327.8	327.9	3473

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3490 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	34.0	327.8	327.8	3439
3490 >E	Dunwoodie 345kV Voltage	SBK Edic R945	51.0	327.8	337.9	2159
3493 >E	Bowline 1 345kV Voltage	SBK Princetown 345	34.6	327.8	326.8	3206
3497 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	51.2	327.8	337.8	2171
3501 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	37.4	327.8	337.7	2163
3501 >E	Bowline 2 345kV Voltage	SBK Edic R945	34.9	327.8	347.4	2163
3507 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	52.0	327.8	337.7	2174
3516 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	38.0	327.8	337.5	2177
3519 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	40.4	327.8	342.0	2170
3523 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	35.7	327.8	347.2	2179
3537 >E	Watercure 230kV Voltage	Marcy South S.	39.1	207	217.1	3701
3541 >E	Bowline 2 345kV Voltage	Volney-Marcy	35.7	327.8	326.3	3167
3542 >E	Gardenville 230kV Voltage	Marcy South N.	44.3	207	228.9	3950
3543 >E	Bowline 2 345kV Voltage	SBK Princetown 345	35.9	327.8	326.3	3251
3550 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	38.6	327.8	331.9	2754
3662 >E	Pleasant Valley 345kV Voltage	Marcy South N.	50.0	327.8	341.7	4028
3686 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	41.7	327.8	339.6	2230
3724 >E	Coopers Corners 345kV Voltage	Marcy South N.	42.2	327.8	307.6	4068
3758 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	46.9	327.8	333.7	2255
3759 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	47.3	327.8	342.0	2256
3761 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	53.2	327.8	338.1	2256
3776 >E	Leeds 345kV Voltage	SBK Marcy R3108	39.9	327.8	327.8	2827
3780 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	57.4	327.8	336.2	2263
3836 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	68.6	327.8	334.8	2283
3839 >E	Ladentown 345kV Voltage	Marcy South S.	46.4	327.8	316.7	3889
3848 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	69.5	327.8	334.7	2288
3862 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	42.5	327.8	327.8	2292
3862 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	42.5	327.8	327.8	2287
3862 >E	Leeds 345kV Voltage	SBK Edic R945	42.5	327.8	327.8	2275
3867 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	53.0	327.8	330.3	2857
3868 >E	Ramapo 345kV Voltage	Marcy South S.	48.4	327.8	312.7	3906
3934 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	51.0	327.8	343.1	2318
3951 >E	Rock Tavern 345kV Voltage	Marcy South S.	44.4	327.8	286.6	3958
3975 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	51.6	327.8	343.1	2333
4046 >E	Bowline 1 345kV Voltage	Marcy South S.	51.2	327.8	316.3	4017
4060 >E	Bowline 2 345kV Voltage	Marcy South S.	50.9	327.8	316.2	4025
4173 >E	Roseton 345kV Voltage	SBK Marcy R3108	59.2	327.8	330.4	2955
4231 >E	Rainey 345kV Voltage	Ravenswood 3	80.0	327.8	340.7	4261
4293 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	85.5	327.8	330.5	2994
4326 >E	Farragut 345kV Voltage	Ravenswood 3	84.2	327.8	339.9	4352

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4339 >E	Coopers Corners 345kV Voltage	Marcy South S.	43.3	327.8	135.6	4198
4385 >E	Millwood 345kV Voltage	Marcy South N.	89.5	327.8	336.0	4495
4413 >E	Millwood 345kV Voltage	SBK Marcy R3108	87.4	327.8	329.0	3033
4434 >E	Roseton 345kV Voltage	Marcy South N.	70.7	327.8	338.0	4527
4460 >E	Dunwoodie 345kV Voltage	Marcy South N.	106.6	327.8	334.3	4544
4467 >E	Sprain Brook 345kV Voltage	Marcy South N.	106.3	327.8	334.3	4549
4511 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	105.9	327.8	328.2	3064
4513 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	105.4	327.8	328.2	3065
4520 >E	Ramapo 345kV Voltage	SBK Marcy R3108	79.1	327.8	331.7	3067
4556 >E	Rainey 345kV Voltage	Pre-Fault	120.6	NA	338	4556
4559 >E	Farragut 345kV Voltage	Pre-Fault	124.8	NA	338	4559
4562 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	87.8	327.8	329.8	3081
4671 >E	Buchanan North 345kV Voltage	Marcy South N.	103.5	327.8	333.6	4680
4700 >E	Buchanan South 345kV Voltage	Marcy South N.	95.8	327.8	335.9	4699
4719 >E	Rock Tavern 345kV Voltage	Marcy South N.	78.4	327.8	325.2	4712
4883 >E	Rainey 345kV Voltage	Ph2 DC 1500	86.1	327.8	331.2	4020
4911 >E	Ladentown 345kV Voltage	SBK Marcy R3108	90.2	327.8	331.5	3193
4961 >E	Farragut 345kV Voltage	Ph2 DC 1500	90.8	327.8	331.2	4058
5094 >E	Goethals 345kV Voltage	Ravenswood 3	114.8	327.8	338.6	5086
5197 >E	Goethals 345kV Voltage	Pre-Fault	168.5	NA	338	5197
5315 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	99.7	327.8	331.7	3324
5334 >E	Ramapo 345kV Voltage	Marcy South N.	110.0	327.8	333.4	5109
5344 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	99.2	327.8	331.8	3333
5486 >E	Rainey 345kV Voltage	Marcy South S.	108.5	327.8	325.1	4909
5578 >E	Ladentown 345kV Voltage	Marcy South N.	115.0	327.8	335.1	5267
5603 >E	Farragut 345kV Voltage	Marcy South S.	115.1	327.8	325.1	4982
5632 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	114.9	327.8	329.1	5475
5675 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	118.9	327.8	329.1	5516
5709 >E	Rainey 345kV Voltage	SBK Edic R70	117.9	327.8	328.4	5725
5735 >E	Goethals 345kV Voltage	Ph2 DC 1500	122.0	327.8	331.4	4437
5754 >E	Farragut 345kV Voltage	SBK Edic R70	122.0	327.8	328.4	5770
5785 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	120.5	327.8	327.8	5755
5794 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	120.8	327.8	327.7	5697
5831 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	124.7	327.8	327.8	5801
5840 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	125.0	327.8	327.7	5742
5852 >E	Rainey 345kV Voltage	Volney-Marcy	122.8	327.8	327.3	4726
5897 >E	Farragut 345kV Voltage	Volney-Marcy	127.0	327.8	327.3	4756
5902 >E	Rainey 345kV Voltage	SBK Princetown 345	124.5	327.8	326.8	5354
5951 >E	Farragut 345kV Voltage	SBK Princetown 345	128.8	327.8	326.8	5397

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6079 >E	Bowline 1 345kV Voltage	Marcy South N.	126.6	327.8	335.7	5591
6118 >E	Bowline 2 345kV Voltage	Marcy South N.	126.1	327.8	335.8	5616
6630 >E	Goethals 345kV Voltage	Marcy South S.	156.5	327.8	325.1	5618
6706 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	160.5	327.8	329.0	6507
6812 >E	Goethals 345kV Voltage	SBK Edic R70	164.7	327.8	328.4	6822
6866 >E	Rainey 345kV Voltage	SBK Edic R945	159.5	327.8	342.7	3208
6916 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	168.5	327.8	327.8	6879
6919 >E	Farragut 345kV Voltage	SBK Edic R945	164.8	327.8	342.4	3224
6925 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	168.8	327.8	327.7	6806
6945 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	162.4	327.8	342.5	3275
6999 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	167.8	327.8	342.2	3292
7021 >E	Goethals 345kV Voltage	Volney-Marcy	172.3	327.8	327.2	5514
7071 >E	Goethals 345kV Voltage	SBK Princetown 345	174.0	327.8	326.9	6396
8430 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	216.6	327.8	338.3	3926
8433 >E	Goethals 345kV Voltage	SBK Edic R945	225.6	327.8	342.3	3695
8503 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	223.8	327.8	338.1	3952
8542 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	229.8	327.8	342.1	3786
10301 >E	Northport 138kV Voltage	Pre-Fault	875.0	NA	135	10301
10562 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	306.5	327.8	338.2	4688
11701 >E	Rainey 345kV Voltage	Marcy South N.	339.9	327.8	337.1	9226
11858 >E	Farragut 345kV Voltage	Marcy South N.	352.8	327.8	336.9	9328
12062 >E	Northport 138kV Voltage	Ravenswood 3	761.5	131.1	133.0	11756
12111 >E	Rainey 345kV Voltage	SBK Marcy R3108	352.7	327.8	328.1	5515
12354 >E	Farragut 345kV Voltage	SBK Marcy R3108	369.1	327.8	328.1	5594
13277 >E	Northport 138kV Voltage	N.Scot-Leeds 345	840.9	131.1	131.6	12818
13514 >E	Northport 138kV Voltage	SBK Edic R70	859.6	131.1	131.3	13493
13727 >E	Northport 138kV Voltage	Princetown-N.Scot 345	876.0	131.1	131.1	13647
13728 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	876.0	131.1	131.1	13475
13937 >E	Northport 138kV Voltage	Volney-Marcy	892.0	131.1	130.8	10179

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
14038	Northport 138kV Voltage	SBK Princetown 345	899.7	131.1	130.7	12609
>E						
15216	Goethals 345kV Voltage	Marcy South N.	487.6	327.8	336.6	11499
>E						
16182	Goethals 345kV Voltage	SBK Marcy R3108	522.3	327.8	327.4	6828
>E						
20761	Northport 138kV Voltage	SBK Edic R945	1432.9	131.1	138.1	7524
>E						
21136	Northport 138kV Voltage	Edic-Gordon Rd. 345	1462.4	131.1	137.9	7819
>E						
27349	Northport 138kV Voltage	Marcy-N.Scot99 345	1949.9	131.1	136.0	10691
>E						
32793	Northport 138kV Voltage	SBK Marcy R3108	2380.4	131.1	130.7	12185
>E						
38812	Northport 138kV Voltage	Marcy South N.	2859.6	131.1	135.0	26758
>E						
99998	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
>E						
99998	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Niagara 230kV East Voltage	Pre-Fault	NA	NA	225	99998
99998 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	Volney-Marcy	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	SBK Edic R70	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	SBK Princetown 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	Ravenswood 3	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Pre-Fault	NA	NA	225	99998
99998 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Volney-Marcy	NA	218.5	NA	99998
99998	Niagara 230kV West Voltage	SBK Edic R70	NA	218.5	NA	99998

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Interface: Central East

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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Niagara 230kV West Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998
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99998	Pannell Road 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
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99998	Pannell Road 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
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Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

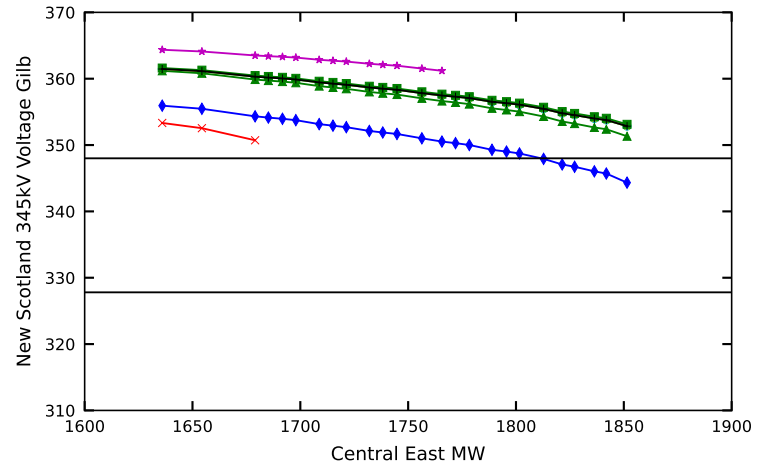
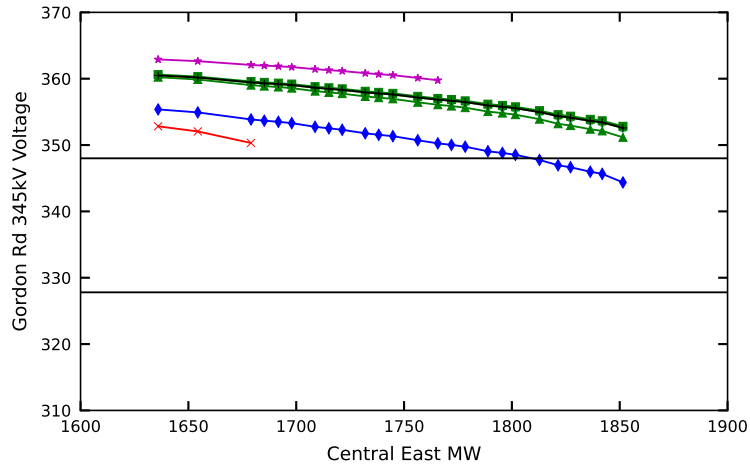
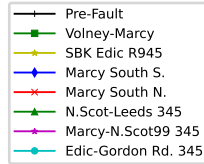
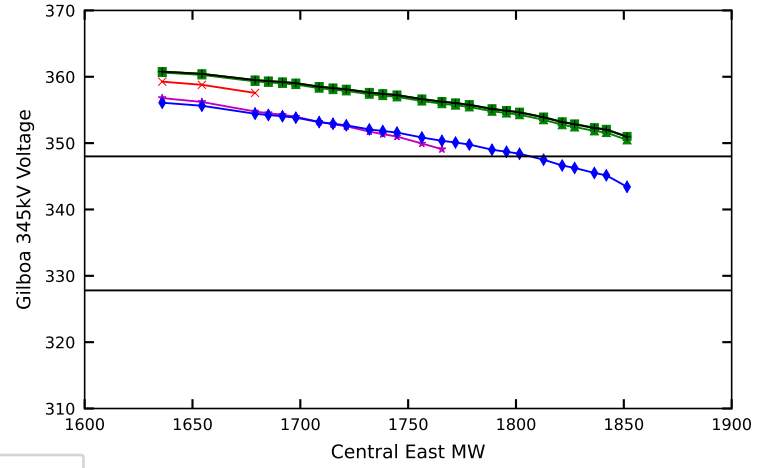
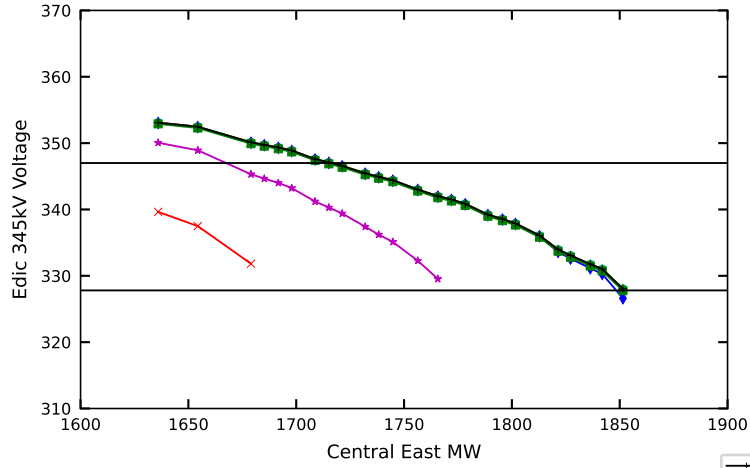
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1: 2023S CEVC PH2 CE2340 MS2270 DE1300 10 3S

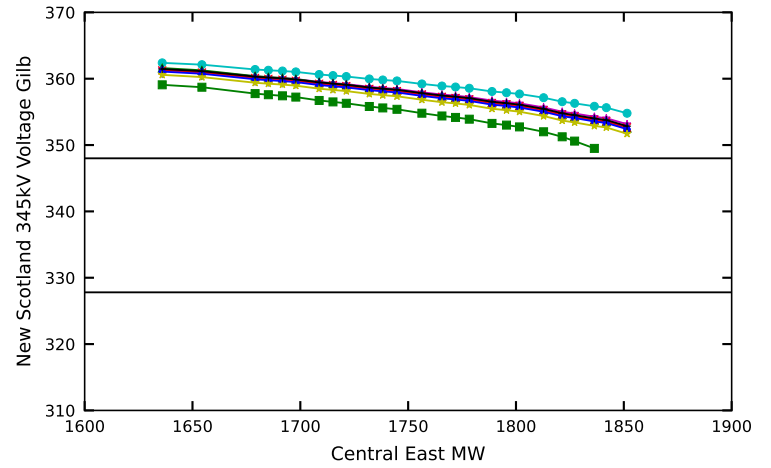
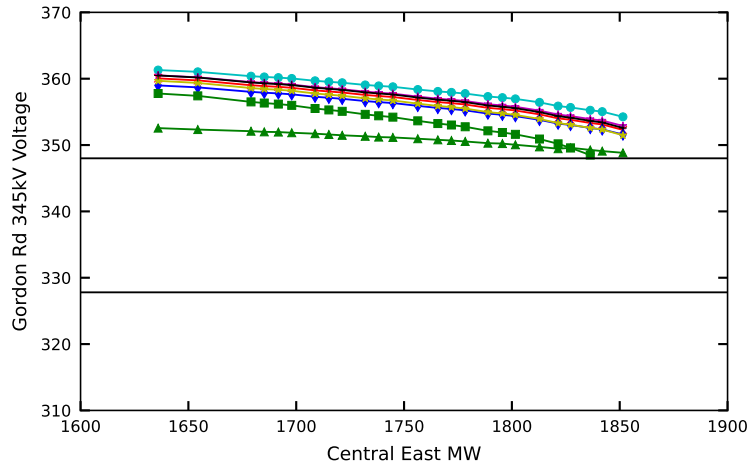
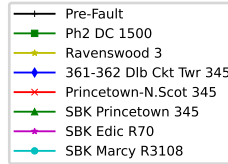
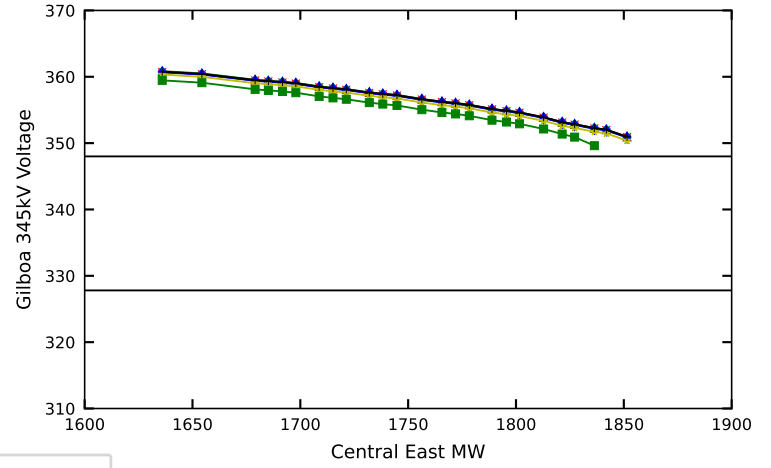
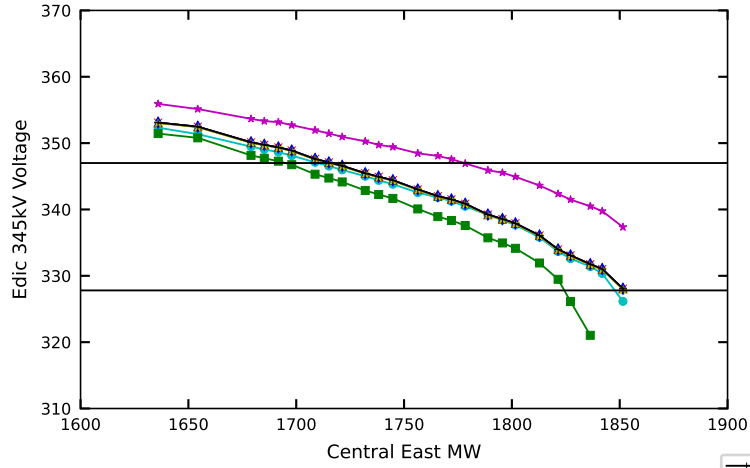
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
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99998 >E	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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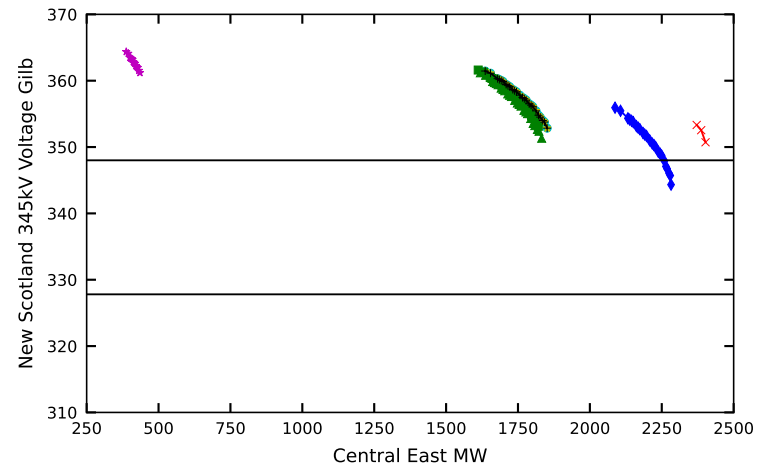
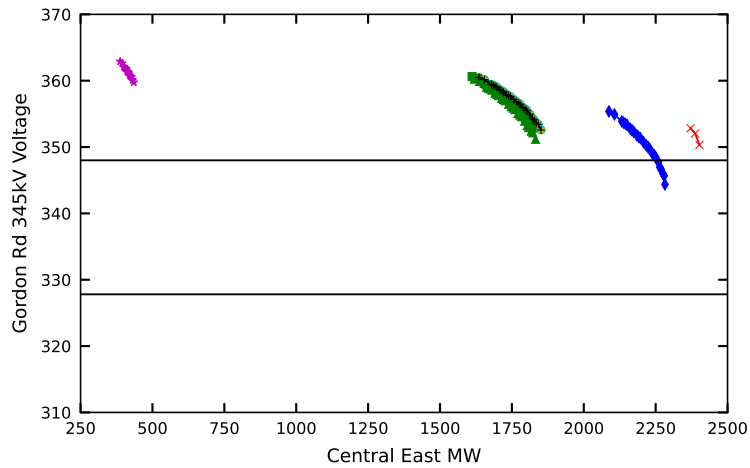
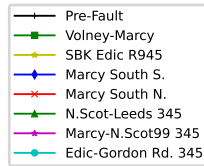
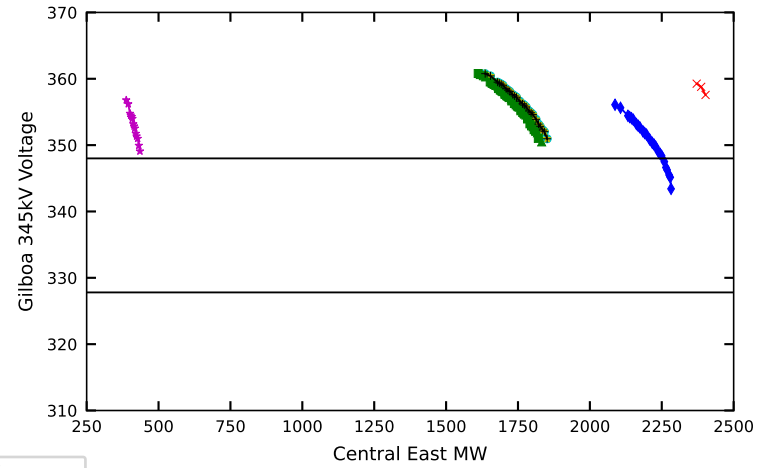
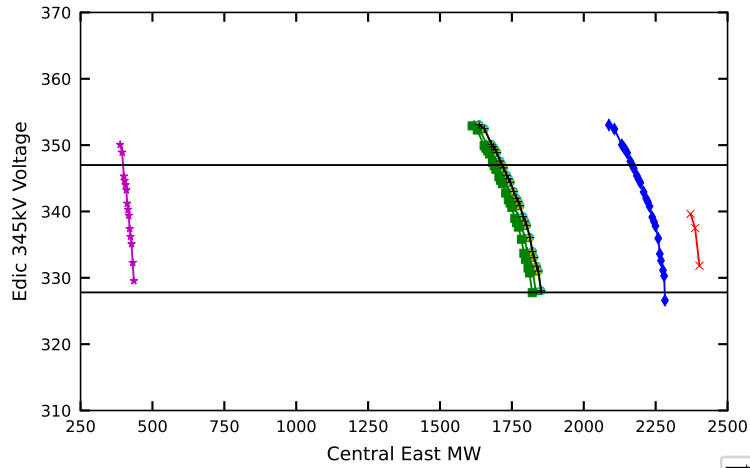
1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 05 Figure 1



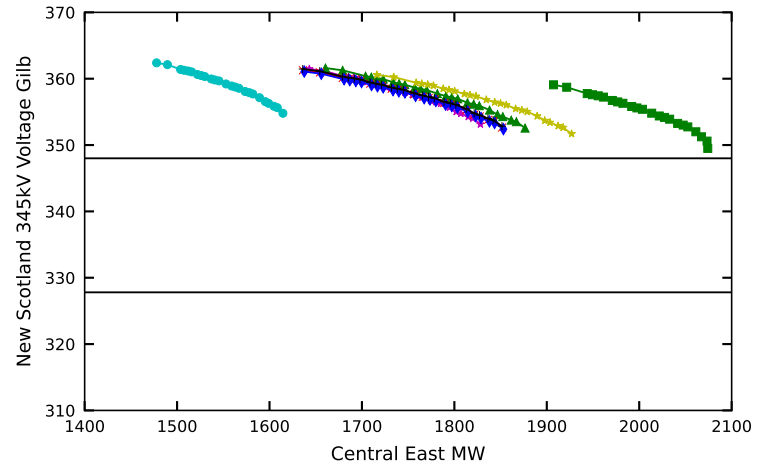
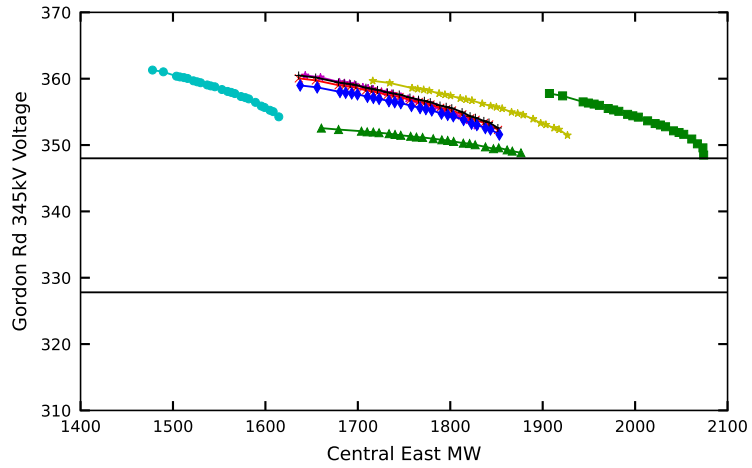
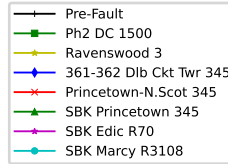
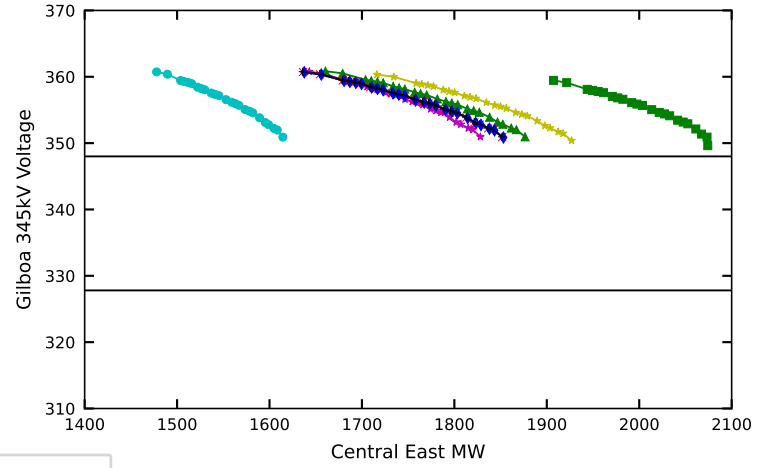
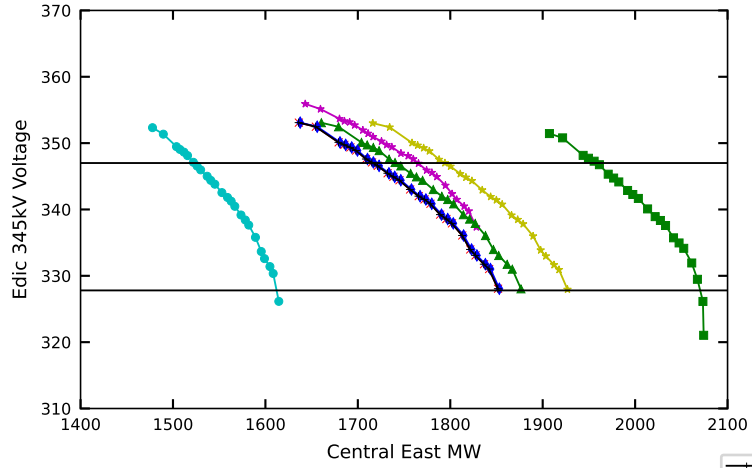
1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 05 Figure 2



1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 05 Figure 1



1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1630 MS2270 DE1300 1O 14 OS

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
1635	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1654	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1679	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1685	t4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
1691	t5	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
1697	t6	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
1708	t7	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
1715	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
1721	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
1731	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
1738	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
1744	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
1756	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
1765	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
1771	t1	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0
	5															
1778	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	6															
1788	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	7															
1795	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	8															
1801	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	9															
1812	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	0															
1821	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	1															
1827	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	2															
1836	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	3															
1841	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	1
	4															
1851	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Twr 345																							
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																							
wood 3																							
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph2 DC																							
1500																						1	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1595	limit with 5% margin	Marcy South N.	NA	NA	NA	2282
1599 <E	Dunwoodie 345kV Voltage	Pre-Fault	88.7	NA	348	1599
1607 <E	Sprain Brook 345kV Voltage	Pre-Fault	88.8	NA	348	1607
1677	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	413
1685 >E	Clay 345kV Voltage	Marcy South N.	4.9	327.8	349.5	2406
1694 >E	Marcy 345kV Voltage	Marcy South N.	4.3	327.8	348.4	2411
1696 >E	Edic 345kV Voltage	Marcy South N.	4.4	327.8	348.4	2413
1703	Marcy 345kV Voltage	Pre-Fault	8.3	NA	348	1703
1709 >E	Oakdale 345kV Voltage	Marcy South N.	4.8	320	351.3	2420
1716	Edic 345kV Voltage	Pre-Fault	12.0	NA	347	1716
1732 >E	Pannell Road 345kV Voltage	Marcy South N.	7.2	327.8	346.2	2434
1740	Station 80 345kV Voltage	Pre-Fault	6.4	NA	346	1740
1740	Pannell Road 345kV Voltage	Pre-Fault	6.8	NA	346	1740
1744	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	1970
1748	Clay 345kV Voltage	Pre-Fault	11.0	NA	345	1748
1757 >E	Station 80 345kV Voltage	Marcy South N.	8.2	327.8	344.9	2450
1758	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1758
1758	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	1740
1758	limit with 5% margin	Marcy South S.	NA	NA	NA	2168
1758	limit with 5% margin	SBK Edic R945	NA	NA	NA	1758
1758	limit with 5% margin	Volney-Marcy	NA	NA	NA	1729
1758	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1533
1758	limit with 5% margin	SBK Edic R70	NA	NA	NA	1736
1758	limit with 5% margin	SBK Princetown 345	NA	NA	NA	1782
1758	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	1759
1758	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	1760
1758	limit with 5% margin	Ravenswood 3	NA	NA	NA	1830
1762	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	4.8	327.8	347.7	434
1770 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	348.7	437
1771 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	3.4	327.8	341.4	437
1773 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.4	327.8	340.8	438
1777 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.7	320	344.3	440
1778 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.5	327.8	343.0	440
1823	Marcy 345kV Voltage	Ph2 DC 1500	1.7	327.8	333.2	2069
1824	Edic 345kV Voltage	Ph2 DC 1500	1.7	327.8	333.5	2070
1824	Millwood 345kV Voltage	Pre-Fault	68.7	NA	348	1824
1831	Oakdale 345kV Voltage	Pre-Fault	7.9	NA	335	1831
1834	Clay 345kV Voltage	Ph2 DC 1500	2.0	327.8	335.7	2073
1847	Marcy 345kV Voltage	Marcy South S.	2.6	327.8	328.9	2281
1847	Edic 345kV Voltage	SBK Marcy R3108	2.3	327.8	329.2	1612

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1848	Edic 345kV Voltage	Marcy South S.	2.6	327.8	329.0	2281
1848	Fraser 345kV Voltage	Pre-Fault	3.9	NA	338	1848
1850	Clay 345kV Voltage	SBK Marcy R3108	2.4	327.8	332.5	1613
1850	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.2	327.8	327.8	1850
1850	Marcy 345kV Voltage	N.Scot-Leeds 345	3.2	327.8	327.8	1831
1850	Marcy 345kV Voltage	SBK Edic R945	3.2	327.8	327.8	1850
1850	Marcy 345kV Voltage	SBK Edic R70	3.2	327.8	327.8	1827
1850	Marcy 345kV Voltage	SBK Princetown 345	3.2	327.8	327.8	1875
1850	Marcy 345kV Voltage	Princetown-N.Scot 345	3.2	327.8	327.8	1851
1850	Marcy 345kV Voltage	Ravenswood 3	3.2	327.8	327.8	1926
1850	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.2	327.8	327.8	1852
1850	Marcy 345kV Voltage	Volney-Marcy	3.2	327.8	327.8	1820
1850	Marcy 345kV Voltage	SBK Marcy R3108	3.2	327.8	327.8	1614
1851	Edic 345kV Voltage	Volney-Marcy	3.2	327.8	328.1	1820
1851 >E	Edic 345kV Voltage	Ravenswood 3	3.2	327.8	327.9	1927
1852 >E	Edic 345kV Voltage	SBK Princetown 345	3.2	327.8	327.8	1877
1852 >E	Edic 345kV Voltage	N.Scot-Leeds 345	3.2	327.8	327.8	1833
1852 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.2	327.8	327.8	1853
1852 >E	Edic 345kV Voltage	Princetown-N.Scot 345	3.2	327.8	327.8	1852
1852 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.2	327.8	327.8	1852
1852 >E	Edic 345kV Voltage	SBK Edic R945	3.2	327.8	327.8	1852
1853 >E	Oakdale 345kV Voltage	Ph2 DC 1500	2.5	320	332.2	2075
1856 >E	Coopers Corners 345kV Voltage	Pre-Fault	5.4	NA	338	1856
1857 >E	Clay 345kV Voltage	Marcy South S.	3.0	327.8	330.7	2284
1857 >E	Buchanan North 345kV Voltage	Pre-Fault	27.3	NA	346	1857
1858 >E	Watercure 230kV Voltage	Marcy South N.	12.6	207	227.8	2512
1860 >E	Clay 345kV Voltage	Volney-Marcy	3.6	327.8	329.9	1829
1864 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.5	320	326.6	1622
1864 >E	Fraser 345kV Voltage	Ph2 DC 1500	2.8	327.8	336.3	2076
1866 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	4.5	327.8	339.9	2076
1867 >E	Clay 345kV Voltage	Ravenswood 3	3.9	327.8	328.2	1941
1868 >E	Clay 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	327.9	1849
1868 >E	Clay 345kV Voltage	SBK Princetown 345	3.9	327.8	327.8	1893
1868 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.8	1870
1868 >E	Clay 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	1869
1868 >E	Clay 345kV Voltage	SBK Edic R945	3.9	327.8	327.8	1868
1868 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.9	327.8	327.8	1868
1869 >E	Rock Tavern 345kV Voltage	Pre-Fault	13.8	NA	348	1869

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1872 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	23.4	500	508.2	480
1874 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	4.0	327.8	336.8	2077
1875 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.6	327.8	333.2	1629
1876 >E	Oakdale 345kV Voltage	Marcy South S.	2.9	320	322.7	2289
1877 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	6.3	218.5	227.4	2077
1878 >E	Gilboa 345kV Voltage	Pre-Fault	9.0	NA	348	1878
1878 >E	Oakdale 345kV Voltage	Volney-Marcy	3.0	320	322.2	1846
1878 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	10.0	218.5	223.8	483
1880 >E	Oakdale 345kV Voltage	Ravenswood 3	3.1	320	321.3	1954
1884 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.1	320	320.1	1864
1884 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.1	320	320.1	1909
1885 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	3.1	320	320.0	1886
1885 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.1	320	320.0	1885
1885 >E	Oakdale 345kV Voltage	SBK Edic R945	3.1	320	320.0	1885
1885 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.1	320	320.0	1885
1886 >E	Pannell Road 345kV Voltage	Marcy South S.	4.4	327.8	331.4	2292
1888 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	327.8	1868
1888 >E	Fraser 345kV Voltage	Marcy South S.	3.9	327.8	327.8	2293
1888 >E	Fraser 345kV Voltage	SBK Princetown 345	3.9	327.8	327.8	1912
1888 >E	Fraser 345kV Voltage	Ravenswood 3	3.9	327.8	327.8	1961
1888 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.9	327.8	327.8	1888
1888 >E	Fraser 345kV Voltage	SBK Marcy R3108	3.9	327.8	327.8	1637
1888 >E	Fraser 345kV Voltage	SBK Edic R945	3.9	327.8	327.8	1888
1888 >E	Fraser 345kV Voltage	Volney-Marcy	3.9	327.8	327.8	1856
1888 >E	Fraser 345kV Voltage	SBK Edic R70	3.9	327.8	327.8	1859
1888 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	1888
1888 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.8	1889
1888 >E	Station 80 345kV Voltage	Ph2 DC 1500	6.2	327.8	342.4	2078
1888 >E	St.Lawrence 230kV Voltage	Pre-Fault	13.5	NA	225	1888
1889 >E	Edic 345kV Voltage	SBK Edic R70	4.0	327.8	316.3	1860
1889 >E	Coopers Corners 345kV Voltage	Ravenswood 3	4.9	327.8	331.8	1963
1890 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.3	327.8	333.3	1639
1892 >E	Oakdale 345kV Voltage	SBK Edic R70	3.3	320	317.7	1862
1893 >E	St.Lawrence 230kV Voltage	Marcy South N.	17.2	218.5	225.6	2534
1894 >E	Clay 345kV Voltage	SBK Edic R70	4.7	327.8	321.3	1864
1897 >E	Pannell Road 345kV Voltage	Volney-Marcy	5.2	327.8	329.4	1865
1898 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	15.5	327.8	350.5	491
1901 >E	New Scotland 345kV Voltage Alps	Pre-Fault	10.4	NA	348	1901
1901 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	10.4	NA	348	1901

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1902 >E	Pannell Road 345kV Voltage	Ravenswood 3	5.4	327.8	328.4	1975
1903 >E	Station 80 345kV Voltage	Marcy South S.	5.2	327.8	331.3	2297
1903 >E	Gordon Rd 345kV Voltage	Pre-Fault	11.5	NA	348	1903
1904 >E	Ramapo 500kV Voltage	Ph2 DC 1500	21.6	500	506.6	2080
1905 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	327.9	1885
1905 >E	Pannell Road 345kV Voltage	SBK Princetown 345	5.5	327.8	327.8	1929
1906 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	5.5	327.8	327.8	1907
1906 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	327.8	1906
1906 >E	Pannell Road 345kV Voltage	SBK Edic R945	5.5	327.8	327.8	1906
1906 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	327.8	1906
1909 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	328.1	1889
1911 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	5.4	327.8	327.8	1935
1911 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	5.4	327.8	327.8	1912
1911 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	5.4	327.8	327.8	1911
1911 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	327.8	1911
1911 >E	Coopers Corners 345kV Voltage	SBK Edic R945	5.4	327.8	327.8	1911
1914 >E	Coopers Corners 345kV Voltage	SBK Edic R70	5.5	327.8	327.2	1881
1915 >E	Coopers Corners 345kV Voltage	Volney-Marcy	5.5	327.8	327.1	1882
1916 >E	Station 80 345kV Voltage	Volney-Marcy	6.1	327.8	329.3	1884
1917 >E	Ramapo 500kV Voltage	Ravenswood 3	23.3	500	505.4	1990
1921 >E	Station 80 345kV Voltage	Ravenswood 3	6.4	327.8	328.5	1993
1922 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	9.8	218.5	222.5	1659
1926 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	6.5	327.8	327.9	1904
1926 >E	Station 80 345kV Voltage	SBK Princetown 345	6.5	327.8	327.8	1949
1926 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	6.5	327.8	327.8	1927
1926 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	6.5	327.8	327.8	1926
1926 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	6.5	327.8	327.8	1926
1926 >E	Station 80 345kV Voltage	SBK Edic R945	6.5	327.8	327.8	1926
1928 >E	Buchanan South 345kV Voltage	Pre-Fault	27.1	NA	346	1928
1929 >E	Pannell Road 345kV Voltage	SBK Edic R70	6.3	327.8	323.6	1894
1935 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	5.9	327.8	323.4	1667
1937 >E	Gilboa 345kV Voltage	Marcy South S.	5.5	327.8	341.3	2308
1940 >E	Pleasant Valley 345kV Voltage	Pre-Fault	23.9	NA	348	1940
1951 >E	Station 80 345kV Voltage	SBK Edic R70	7.4	327.8	324.0	1912
1962 >E	Ramapo 345kV Voltage	Pre-Fault	25.2	NA	346	1962
1965 >E	St.Lawrence 230kV Voltage	Marcy South S.	11.8	218.5	219.3	2316
1967 >E	New Scotland 345kV Voltage Alps	Marcy South S.	7.0	327.8	341.7	2316
1967 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	7.0	327.8	341.7	2316

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1968 >E	Somerset 345kV Voltage	Marcy South N.	14.5	327.8	346.6	2579
1971 >E	St.Lawrence 230kV Voltage	Ravenswood 3	13.4	218.5	218.9	2040
1971 >E	St.Lawrence 230kV Voltage	Volney-Marcy	13.3	218.5	218.8	1937
1974 >E	Niagara 230kV East Voltage	Ph2 DC 1500	11.2	218.5	224.8	2086
1974 >E	Niagara 230kV West Voltage	Ph2 DC 1500	11.2	218.5	224.8	2086
1974 >E	Gordon Rd 345kV Voltage	Marcy South S.	7.5	327.8	341.8	2319
1975 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	13.4	218.5	218.5	1997
1975 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	13.5	218.5	218.5	1977
1975 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	13.5	218.5	218.5	1976
1976 >E	St.Lawrence 230kV Voltage	SBK Edic R945	13.5	218.5	218.5	1976
1976 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	13.5	218.5	218.5	1976
1976 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	13.5	218.5	218.5	1953
1978 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	11.6	327.8	347.5	525
1983 >E	St.Lawrence 230kV Voltage	SBK Edic R70	14.5	218.5	218.0	1939
1989 >E	New Scotland 345kV Voltage Alps	Marcy South N.	13.5	327.8	349.9	2592
1989 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	13.5	327.8	349.9	2592
1990 >E	Gilboa 345kV Voltage	Ph2 DC 1500	7.1	327.8	342.6	2087
1996 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	346.6	533
1998 >E	Gordon Rd 345kV Voltage	Marcy South N.	14.2	327.8	349.8	2598
2002 >E	Ladentown 345kV Voltage	Pre-Fault	25.6	NA	346	2002
2010 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.4	327.8	344.5	2089
2010 >E	Somerset 345kV Voltage	Pre-Fault	12.8	NA	338	2010
2016 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	8.3	327.8	344.0	2089
2016 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	8.3	327.8	344.0	2089
2021 >E	Fraser 345kV Voltage	Marcy South N.	12.0	327.8	327.8	2612
2022 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	15.0	207	233.5	544
2022 >E	Watercure 230kV Voltage	Ph2 DC 1500	8.5	207	231.3	2090
2032 >E	Somerset 345kV Voltage	SBK Marcy R3108	8.4	327.8	336.3	1729
2046 >E	Roseton 345kV Voltage	Pre-Fault	23.4	NA	345	2046
2048 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	8.7	327.8	329.0	2024
2049 >E	Rock Tavern 345kV Voltage	Ravenswood 3	10.9	327.8	335.0	2114
2051 >E	Gilboa 345kV Voltage	Ravenswood 3	8.9	327.8	328.7	2117
2057 >E	Gilboa 345kV Voltage	SBK Princetown 345	8.9	327.8	328.0	2077
2058 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	9.0	327.8	327.9	2059
2059 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	9.0	327.8	327.9	2059
2059 >E	Gilboa 345kV Voltage	SBK Edic R70	9.0	327.8	327.8	2004
2059 >E	Gilboa 345kV Voltage	SBK Edic R945	9.0	327.8	327.8	2059
2059 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	9.0	327.8	327.8	2059
2060 >E	Gilboa 345kV Voltage	SBK Marcy R3108	9.0	327.8	327.7	1746

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2060 >E	Gilboa 345kV Voltage	Volney-Marcy	9.0	327.8	327.7	2024
2064 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	28.8	327.8	361.6	562
2065 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	9.1	327.8	332.3	2040
2065 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	9.1	327.8	332.3	2040
2067 >E	Bowline 1 345kV Voltage	Pre-Fault	25.5	NA	345	2067
2068 >E	Somerset 345kV Voltage	Marcy South S.	10.0	327.8	333.5	2346
2073 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	29.6	500	500.2	2048
2074 >E	Leeds 345kV Voltage	Pre-Fault	18.6	NA	345	2074
2075 >E	Ramapo 500kV Voltage	SBK Princetown 345	29.9	500	500.2	2095
2079 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	30.1	500	500.0	2080
2079 >E	Bowline 2 345kV Voltage	Pre-Fault	25.5	NA	345	2079
2080 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	30.1	500	500.0	2080
2080 >E	Ramapo 500kV Voltage	SBK Edic R945	30.2	500	500.0	2080
2080 >E	Ramapo 500kV Voltage	Pre-Fault	30.2	NA	500	2080
2080 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	30.2	500	500.0	2080
2081 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	11.5	327.8	338.5	2095
2082 >E	Ramapo 500kV Voltage	Volney-Marcy	30.5	500	500.0	2045
2084 >E	Ramapo 500kV Voltage	SBK Edic R70	30.6	500	499.9	2025
2085 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	10.0	327.8	332.2	2059
2092 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	10.1	327.8	329.7	2156
2092 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	10.1	327.8	329.7	2156
2093 >E	Ramapo 500kV Voltage	SBK Marcy R3108	31.9	500	499.6	1767
2097 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	9.9	327.8	329.2	2116
2097 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	9.9	327.8	329.2	2116
2106 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	10.4	327.8	328.4	2106
2106 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	10.4	327.8	328.4	2106
2109 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	10.4	327.8	328.0	2109
2109 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	10.4	327.8	328.0	2109
2112 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	10.4	327.8	327.8	2112
2112 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	10.4	327.8	327.8	2112
2112 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	10.4	327.8	327.8	2112
2112 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	10.4	327.8	327.8	2112
2113 >E	Gordon Rd 345kV Voltage	Ravenswood 3	11.1	327.8	329.7	2176
2114 >E	Dunwoodie 345kV Voltage	Ravenswood 3	24.9	327.8	336.6	2177
2114 >E	Sprain Brook 345kV Voltage	Ravenswood 3	24.7	327.8	336.6	2177
2118 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	10.5	327.8	327.2	2080
2118 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	10.5	327.8	327.2	2080
2118 >E	Somerset 345kV Voltage	Volney-Marcy	12.0	327.8	329.6	2080

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2123 >E	Somerset 345kV Voltage	Ravenswood 3	12.3	327.8	329.2	2185
2123 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	10.7	327.8	326.7	2058
2123 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	10.7	327.8	326.7	2058
2125 >E	Buchanan North 345kV Voltage	Ravenswood 3	21.0	327.8	336.2	2188
2135 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	11.5	327.8	327.8	2135
2135 >E	Gordon Rd 345kV Voltage	SBK Edic R945	11.5	327.8	327.8	2135
2139 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	11.8	327.8	327.5	2139
2140 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	12.8	327.8	327.9	2113
2141 >E	Somerset 345kV Voltage	SBK Princetown 345	12.8	327.8	327.8	2159
2141 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	12.8	327.8	327.8	2142
2141 >E	Gordon Rd 345kV Voltage	Volney-Marcy	11.6	327.8	327.3	2103
2141 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	12.8	327.8	327.8	2141
2141 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	12.8	327.8	327.8	2141
2141 >E	Somerset 345kV Voltage	SBK Edic R945	12.8	327.8	327.8	2141
2142 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	27.7	218.5	227.0	595
2142 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	27.7	218.5	227.0	595
2143 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	328.2	2117
2146 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	13.8	327.8	328.0	2164
2148 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	13.8	327.8	327.8	2148
2148 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	13.8	327.8	327.8	2148
2148 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	13.8	327.8	327.8	2148
2148 >E	Rock Tavern 345kV Voltage	SBK Edic R945	13.8	327.8	327.8	2148
2149 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	12.5	327.8	326.6	2149
2149 >E	Gordon Rd 345kV Voltage	SBK Edic R70	11.9	327.8	326.6	2080
2154 >E	Rock Tavern 345kV Voltage	SBK Edic R70	14.0	327.8	327.4	2084
2155 >E	Millwood 345kV Voltage	Ravenswood 3	22.0	327.8	336.5	2216
2156 >E	Rock Tavern 345kV Voltage	Volney-Marcy	14.0	327.8	327.3	2117
2158 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	11.4	327.8	323.4	1808
2158 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	11.4	327.8	323.4	1808
2175 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	12.3	327.8	324.3	1819
2182 >E	Buchanan South 345kV Voltage	Ravenswood 3	21.2	327.8	336.6	2241
2193 >E	Leeds 345kV Voltage	Marcy South S.	13.2	327.8	338.6	2384
2198 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	15.2	327.8	324.2	1833
2198 >E	Somerset 345kV Voltage	SBK Edic R70	14.6	327.8	323.4	2121
2199 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	20.5	327.8	347.1	620
2202 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	24.4	327.8	343.0	620
2209 >E	Ramapo 345kV Voltage	Ravenswood 3	19.6	327.8	336.2	2267
2210 >E	Gardenville 230kV Voltage	Ph2 DC 1500	14.8	207	223.1	2106

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2214 >E	Niagara 230kV East Voltage	Pre-Fault	53.7	NA	225	2214
2214 >E	Niagara 230kV West Voltage	Pre-Fault	53.7	NA	225	2214
2217 >E	Niagara 230kV East Voltage	Marcy South N.	39.0	218.5	228.5	2732
2217 >E	Niagara 230kV West Voltage	Marcy South N.	39.0	218.5	228.5	2732
2236 >E	Ladentown 345kV Voltage	Ravenswood 3	19.9	327.8	336.8	2293
2252 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	23.5	327.8	337.0	2110
2266 >E	Bowline 1 345kV Voltage	Ravenswood 3	19.9	327.8	337.2	2322
2274 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	22.0	327.8	348.3	651
2275 >E	Bowline 2 345kV Voltage	Ravenswood 3	19.8	327.8	337.3	2330
2278 >E	Gilboa 345kV Voltage	Marcy South N.	20.1	327.8	336.6	2770
2287 >E	Ramapo 345kV Voltage	Ph2 DC 1500	20.7	327.8	339.5	2113
2289 >E	Niagara 230kV East Voltage	SBK Marcy R3108	33.5	218.5	223.6	1890
2289 >E	Niagara 230kV West Voltage	SBK Marcy R3108	33.5	218.5	223.6	1890
2296 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	21.2	327.8	333.1	2350
2298 >E	Roseton 345kV Voltage	Ravenswood 3	19.6	327.8	334.2	2353
2305 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	21.8	327.8	350.1	664
2316 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	21.8	327.8	350.4	669
2339 >E	Niagara 345kV Voltage	SBK Marcy R3108	16.4	327.8	338.7	1922
2341 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	26.7	327.8	328.3	2309
2344 >E	Ladentown 345kV Voltage	Ph2 DC 1500	21.7	327.8	339.8	2118
2345 >E	Niagara 230kV East Voltage	Marcy South S.	38.3	218.5	222.6	2429
2345 >E	Niagara 230kV West Voltage	Marcy South S.	38.3	218.5	222.6	2429
2346 >E	Buchanan North 345kV Voltage	SBK Princetown 345	27.1	327.8	328.1	2360
2352 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	27.2	327.8	327.8	2352
2353 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	27.3	327.8	327.8	2353
2354 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	27.3	327.8	327.8	2354
2354 >E	Buchanan North 345kV Voltage	SBK Edic R945	27.3	327.8	327.8	2354
2358 >E	Niagara 345kV Voltage	Pre-Fault	25.5	NA	338	2358
2358 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	27.5	327.8	343.8	687
2361 >E	Buchanan North 345kV Voltage	SBK Edic R70	27.6	327.8	327.5	2259
2363 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	25.1	327.8	337.0	2119
2364 >E	Buchanan North 345kV Voltage	Volney-Marcy	27.6	327.8	327.4	2319
2365 >E	Pleasant Valley 345kV Voltage	Marcy South S.	23.6	327.8	330.2	2435
2377 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	21.7	327.8	340.6	2121
2381 >E	Niagara 345kV Voltage	Marcy South N.	25.6	327.8	349.1	2833
2381 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	27.3	327.8	328.4	2348
2383 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	31.6	327.8	328.3	2350
2383 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	31.8	327.8	328.3	2350
2385 >E	Millwood 345kV Voltage	Ph2 DC 1500	27.5	327.8	335.5	2121
2387 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	21.6	327.8	340.8	2121

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Interface: Central East

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1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2388 >E	Millwood 345kV Voltage	SBK Princetown 345	27.7	327.8	328.1	2401
2389 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	32.1	327.8	328.1	2401
2389 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	32.3	327.8	328.1	2402
2394 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	18.6	327.8	327.8	2360
2394 >E	Leeds 345kV Voltage	SBK Edic R945	18.6	327.8	327.8	2394
2394 >E	Leeds 345kV Voltage	SBK Edic R70	18.6	327.8	327.8	2287
2394 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	18.6	327.8	327.8	2394
2394 >E	Leeds 345kV Voltage	SBK Marcy R3108	18.6	327.8	327.8	1957
2394 >E	Leeds 345kV Voltage	Volney-Marcy	18.6	327.8	327.8	2348
2394 >E	Leeds 345kV Voltage	SBK Princetown 345	18.6	327.8	327.8	2406
2394 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	18.6	327.8	327.8	2394
2394 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	18.6	327.8	327.8	2394
2394 >E	Leeds 345kV Voltage	Ravenswood 3	18.6	327.8	327.8	2444
2396 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	27.9	327.8	327.9	2396
2397 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	32.3	327.8	327.9	2396
2397 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	28.0	327.8	327.8	2397
2397 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	32.5	327.8	327.8	2397
2398 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	28.0	327.8	327.8	2398
2398 >E	Millwood 345kV Voltage	SBK Edic R945	28.0	327.8	327.8	2398
2398 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	23.0	327.8	328.9	2364
2398 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	32.4	327.8	327.8	2398
2398 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	32.6	327.8	327.8	2398
2398 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	32.4	327.8	327.8	2398
2398 >E	Sprain Brook 345kV Voltage	SBK Edic R945	32.4	327.8	327.8	2398
2399 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	32.6	327.8	327.8	2399
2399 >E	Dunwoodie 345kV Voltage	SBK Edic R945	32.6	327.8	327.8	2399
2401 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	32.3	327.8	334.0	2123
2405 >E	Millwood 345kV Voltage	SBK Edic R70	28.3	327.8	327.5	2297
2405 >E	Sprain Brook 345kV Voltage	SBK Edic R70	32.7	327.8	327.6	2297
2406 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	26.5	327.8	328.4	2372
2406 >E	Dunwoodie 345kV Voltage	SBK Edic R70	32.9	327.8	327.6	2297
2407 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	32.8	327.8	333.9	2123
2408 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	24.7	327.8	328.3	2374
2409 >E	Millwood 345kV Voltage	Volney-Marcy	28.3	327.8	327.4	2364
2410 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	23.6	327.8	328.3	2422
2411 >E	Sprain Brook 345kV Voltage	Volney-Marcy	32.8	327.8	327.4	2365
2411 >E	Dunwoodie 345kV Voltage	Volney-Marcy	33.0	327.8	327.4	2366

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2412 >E	Buchanan South 345kV Voltage	SBK Princetown 345	26.9	327.8	328.1	2424
2414 >E	Ramapo 345kV Voltage	SBK Princetown 345	25.0	327.8	328.0	2426
2415 >E	Watercure 230kV Voltage	SBK Marcy R3108	24.2	207	228.7	1970
2419 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	25.1	327.8	327.8	2418
2419 >E	Niagara 345kV Voltage	Marcy South S.	19.3	327.8	335.6	2451
2420 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	25.2	327.8	327.8	2419
2420 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	27.1	327.8	327.9	2419
2420 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	25.2	327.8	327.8	2420
2420 >E	Ramapo 345kV Voltage	SBK Edic R945	25.2	327.8	327.8	2420
2421 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	27.1	327.8	327.8	2421
2421 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	23.9	327.8	327.9	2420
2421 >E	Buchanan South 345kV Voltage	SBK Edic R945	27.1	327.8	327.8	2421
2421 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	27.1	327.8	327.8	2421
2422 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	23.9	327.8	327.8	2422
2423 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	23.9	327.8	327.8	2423
2423 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	23.9	327.8	327.8	2423
2423 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	31.5	327.8	341.3	715
2425 >E	Ramapo 500kV Voltage	Marcy South S.	71.7	500	488.6	2453
2426 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	30.1	327.8	325.1	1977
2429 >E	Ramapo 345kV Voltage	SBK Edic R70	25.5	327.8	327.5	2317
2429 >E	Buchanan South 345kV Voltage	SBK Edic R70	27.4	327.8	327.5	2317
2431 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	24.2	327.8	327.5	2318
2431 >E	Ramapo 345kV Voltage	Volney-Marcy	25.5	327.8	327.4	2384
2433 >E	Roseton 345kV Voltage	Ph2 DC 1500	23.1	327.8	337.8	2125
2433 >E	Buchanan South 345kV Voltage	Volney-Marcy	27.4	327.8	327.4	2386
2433 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	24.2	327.8	327.4	2387
2436 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	23.0	327.8	328.3	2402
2442 >E	Roseton 345kV Voltage	SBK Princetown 345	23.2	327.8	328.1	2453
2448 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	23.4	327.8	327.9	2447
2449 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	23.4	327.8	327.8	2448
2449 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	23.4	327.8	327.8	2449
2449 >E	Roseton 345kV Voltage	SBK Edic R945	23.4	327.8	327.8	2449
2451 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	26.3	327.8	344.6	727
2452 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	37.4	327.8	339.2	727
2453 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	25.1	327.8	328.3	2418
2457 >E	Roseton 345kV Voltage	SBK Edic R70	23.7	327.8	327.5	2340
2459 >E	Roseton 345kV Voltage	Volney-Marcy	23.7	327.8	327.4	2412

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2460 >E	Ladentown 345kV Voltage	SBK Princetown 345	25.4	327.8	328.1	2471
2461 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	38.0	327.8	339.0	731
2466 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	25.6	327.8	327.8	2465
2467 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	25.6	327.8	327.8	2467
2467 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	25.6	327.8	327.8	2467
2467 >E	Ladentown 345kV Voltage	SBK Edic R945	25.6	327.8	327.8	2467
2472 >E	Niagara 230kV East Voltage	Ravenswood 3	47.8	218.5	220.2	2518
2472 >E	Niagara 230kV West Voltage	Ravenswood 3	47.8	218.5	220.2	2518
2476 >E	Ladentown 345kV Voltage	SBK Edic R70	25.9	327.8	327.4	2357
2479 >E	Ladentown 345kV Voltage	Volney-Marcy	25.9	327.8	327.3	2431
2481 >E	Millwood 345kV Voltage	SBK Marcy R3108	31.0	327.8	324.8	2012
2484 >E	Gardenville 230kV Voltage	Marcy South N.	34.0	207	226.6	2896
2485 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	36.0	327.8	325.1	2014
2486 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	36.3	327.8	325.1	2015
2492 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	25.1	327.8	328.4	2456
2493 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	26.0	327.8	324.9	2020
2494 >E	Niagara 230kV East Voltage	Volney-Marcy	48.8	218.5	219.8	2446
2494 >E	Niagara 230kV West Voltage	Volney-Marcy	48.8	218.5	219.8	2446
2496 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	26.8	327.8	335.6	2131
2499 >E	Bowline 1 345kV Voltage	SBK Princetown 345	25.4	327.8	328.1	2509
2501 >E	Ramapo 345kV Voltage	SBK Marcy R3108	27.8	327.8	324.6	2025
2503 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	25.0	327.8	328.4	2466
2504 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	30.0	327.8	324.7	2027
2505 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	25.5	327.8	327.9	2505
2506 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	25.5	327.8	327.8	2506
2507 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	25.5	327.8	327.8	2507
2507 >E	Bowline 1 345kV Voltage	SBK Edic R945	25.5	327.8	327.8	2507
2509 >E	Ramapo 500kV Voltage	Marcy South N.	92.8	500	504.0	2911
2510 >E	Bowline 2 345kV Voltage	SBK Princetown 345	25.3	327.8	328.1	2519
2516 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	25.5	327.8	327.9	2515
2516 >E	Bowline 1 345kV Voltage	SBK Edic R70	25.8	327.8	327.4	2391
2517 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	25.5	327.8	327.8	2517
2517 >E	Bowline 2 345kV Voltage	SBK Edic R945	25.5	327.8	327.8	2517
2517 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	25.5	327.8	327.8	2517
2519 >E	Bowline 1 345kV Voltage	Volney-Marcy	25.9	327.8	327.3	2470
2521 >E	Roseton 345kV Voltage	SBK Marcy R3108	25.5	327.8	324.7	2037
2527 >E	Bowline 2 345kV Voltage	SBK Edic R70	25.8	327.8	327.4	2400
2530 >E	Bowline 2 345kV Voltage	Volney-Marcy	25.8	327.8	327.3	2480

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2554 >E	Ladentown 345kV Voltage	SBK Marcy R3108	28.3	327.8	324.4	2058
2555 >E	Niagara 345kV Voltage	Ravenswood 3	23.8	327.8	330.3	2597
2558 >E	Niagara 345kV Voltage	Volney-Marcy	23.6	327.8	330.2	2508
2560 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	53.5	218.5	218.6	2522
2560 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	53.5	218.5	218.6	2522
2562 >E	Niagara 230kV East Voltage	SBK Princetown 345	53.6	218.5	218.5	2570
2562 >E	Niagara 230kV West Voltage	SBK Princetown 345	53.6	218.5	218.5	2570
2563 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	53.7	218.5	218.5	2562
2563 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	53.7	218.5	218.5	2562
2563 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	53.7	218.5	218.5	2563
2563 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	53.7	218.5	218.5	2563
2563 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	53.7	218.5	218.5	2563
2563 >E	Niagara 230kV East Voltage	SBK Edic R945	53.7	218.5	218.5	2563
2563 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	53.7	218.5	218.5	2563
2563 >E	Niagara 230kV West Voltage	SBK Edic R945	53.7	218.5	218.5	2563
2566 >E	Coopers Corners 345kV Voltage	Marcy South N.	25.6	327.8	298.1	2946
2598 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	28.3	327.8	324.2	2086
2609 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	28.2	327.8	324.2	2093
2615 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	25.4	327.8	327.9	2576
2617 >E	Niagara 345kV Voltage	SBK Princetown 345	25.5	327.8	327.8	2624
2618 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	25.5	327.8	327.8	2617
2618 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	25.5	327.8	327.8	2618
2618 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	25.5	327.8	327.8	2618
2618 >E	Niagara 345kV Voltage	SBK Edic R945	25.5	327.8	327.8	2618
2620 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	26.8	327.8	327.1	799
2630 >E	Gardenville 230kV Voltage	SBK Marcy R3108	30.5	207	217.9	2106
2639 >E	Gordon Rd 345kV Voltage	SBK Princetown 345	37.5	327.8	283.8	2645
2651 >E	Leeds 345kV Voltage	Marcy South N.	30.6	327.8	342.9	2999
2677 >E	Gardenville 230kV Voltage	Pre-Fault	51.5	NA	217	2677
2689 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	27.7	327.8	322.2	828
2689 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	27.7	327.8	322.2	828
2700 >E	Niagara 230kV East Voltage	SBK Edic R70	62.8	218.5	215.9	2547
2700 >E	Niagara 230kV West Voltage	SBK Edic R70	62.8	218.5	215.9	2547
2727 >E	Gardenville 230kV Voltage	Marcy South S.	35.1	207	216.0	2543
2747 >E	Dunwoodie 345kV Voltage	Marcy South S.	49.8	327.8	317.1	2549
2747 >E	Millwood 345kV Voltage	Marcy South S.	43.3	327.8	315.3	2549
2753 >E	Niagara 345kV Voltage	SBK Edic R70	29.5	327.8	322.5	2591
2757 >E	Sprain Brook 345kV Voltage	Marcy South S.	50.0	327.8	316.7	2552

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2765 >E	Roseton 345kV Voltage	Marcy South S.	33.7	327.8	314.3	2554
2781 >E	Leeds 345kV Voltage	Ph2 DC 1500	31.7	327.8	327.8	2156
2830 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	39.4	327.8	336.8	888
2980 >E	Buchanan South 345kV Voltage	Marcy South S.	49.0	327.8	307.2	2618
3019 >E	Coopers Corners 345kV Voltage	Marcy South S.	29.0	327.8	123.8	2630
3036 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	51.8	207	238.1	975
3040 >E	Gardenville 230kV Voltage	Ravenswood 3	45.9	207	210.0	3059
3049 >E	Gardenville 230kV Voltage	Volney-Marcy	46.3	207	209.8	2986
3089 >E	Pleasant Valley 345kV Voltage	Marcy South N.	53.9	327.8	336.0	3267
3097 >E	Rock Tavern 345kV Voltage	Marcy South S.	40.1	327.8	259.3	2653
3099 >E	Rainey 345kV Voltage	Ravenswood 3	60.6	327.8	342.4	3115
3137 >E	Buchanan North 345kV Voltage	Marcy South S.	58.8	327.8	299.1	2665
3171 >E	Farragut 345kV Voltage	Ravenswood 3	63.8	327.8	341.6	3183
3180 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	51.1	207	207.2	3125
3191 >E	Gardenville 230kV Voltage	SBK Princetown 345	51.4	207	207.0	3184
3191 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	51.5	207	207.0	3188
3192 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	51.5	207	207.0	3191
3192 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	51.5	207	207.0	3192
3192 >E	Gardenville 230kV Voltage	SBK Edic R945	51.5	207	207.0	3192
3205 >E	Watercure 230kV Voltage	Marcy South S.	54.3	207	223.5	2685
3250 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	46.7	327.8	327.8	1066
3470 >E	Gardenville 230kV Voltage	SBK Edic R70	61.5	207	201.6	3198
3529 >E	Rock Tavern 345kV Voltage	Marcy South N.	60.1	327.8	314.4	3537
3555 >E	Rainey 345kV Voltage	Pre-Fault	103.9	NA	338	3555
3559 >E	Farragut 345kV Voltage	Pre-Fault	107.5	NA	338	3559
3714 >E	Roseton 345kV Voltage	Marcy South N.	68.7	327.8	329.1	3651
3718 >E	Millwood 345kV Voltage	Marcy South N.	88.7	327.8	329.4	3653
3746 >E	Ladentown 345kV Voltage	Marcy South S.	68.6	327.8	277.8	2846
3748 >E	Goethals 345kV Voltage	Ravenswood 3	86.9	327.8	340.5	3733
3752 >E	Ramapo 345kV Voltage	Marcy South S.	70.3	327.8	274.8	2848
3782 >E	Dunwoodie 345kV Voltage	Marcy South N.	104.5	327.8	328.2	3693
3783 >E	Sprain Brook 345kV Voltage	Marcy South N.	104.0	327.8	328.3	3693
3792 >E	Buchanan North 345kV Voltage	Marcy South N.	93.3	327.8	327.5	3699
3947 >E	Buchanan South 345kV Voltage	Marcy South N.	91.8	327.8	329.1	3794
3972 >E	Watercure 230kV Voltage	Volney-Marcy	85.9	207	218.5	3884
4074 >E	Bowline 1 345kV Voltage	Marcy South S.	76.4	327.8	266.4	2944
4080 >E	Bowline 2 345kV Voltage	Marcy South S.	75.6	327.8	266.5	2946
4109 >E	Goethals 345kV Voltage	Pre-Fault	145.2	NA	338	4109
4227 >E	Ramapo 345kV Voltage	Marcy South N.	93.5	327.8	326.1	3965
4328 >E	Watercure 230kV Voltage	Ravenswood 3	100.1	207	216.1	4286

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Interface: Central East

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1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4498 >E	Watercure 230kV Voltage	Pre-Fault	151.9	NA	215	4498
4540 >E	Ladentown 345kV Voltage	Marcy South N.	101.6	327.8	327.6	4158
4543 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	101.3	327.8	328.5	4453
4552 >E	Rainey 345kV Voltage	Ph2 DC 1500	101.6	327.8	337.9	2309
4580 >E	Farragut 345kV Voltage	Ph2 DC 1500	104.7	327.8	337.8	2312
4581 >E	Rainey 345kV Voltage	SBK Princetown 345	102.8	327.8	328.1	4542
4584 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	104.9	327.8	328.5	4492
4609 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	103.7	327.8	327.9	4601
4613 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	103.8	327.8	327.8	4611
4614 >E	Rainey 345kV Voltage	SBK Edic R945	103.8	327.8	327.8	4614
4615 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	103.9	327.8	327.8	4615
4621 >E	Farragut 345kV Voltage	SBK Princetown 345	106.4	327.8	328.1	4581
4643 >E	Rainey 345kV Voltage	SBK Edic R70	104.9	327.8	327.5	4191
4651 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	107.4	327.8	327.8	4643
4654 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	107.5	327.8	327.8	4652
4655 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	107.5	327.8	327.8	4655
4655 >E	Farragut 345kV Voltage	SBK Edic R945	107.5	327.8	327.8	4655
4660 >E	Rainey 345kV Voltage	Volney-Marcy	105.4	327.8	327.4	4553
4684 >E	Farragut 345kV Voltage	SBK Edic R70	108.6	327.8	327.5	4226
4702 >E	Farragut 345kV Voltage	Volney-Marcy	109.1	327.8	327.4	4595
4968 >E	Rainey 345kV Voltage	SBK Marcy R3108	116.2	327.8	324.4	3583
4977 >E	Bowline 1 345kV Voltage	Marcy South N.	111.7	327.8	327.9	4426
5013 >E	Bowline 2 345kV Voltage	Marcy South N.	111.3	327.8	327.9	4448
5015 >E	Farragut 345kV Voltage	SBK Marcy R3108	120.3	327.8	324.5	3612
5104 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	123.5	327.8	345.1	1855
5135 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	127.2	327.8	344.7	1868
5422 >E	Goethals 345kV Voltage	Ph2 DC 1500	138.8	327.8	337.9	2385
5496 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	141.7	327.8	328.5	5380
5545 >E	Goethals 345kV Voltage	SBK Princetown 345	143.7	327.8	328.1	5483
5586 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	145.1	327.8	327.8	5575
5588 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	145.2	327.8	327.8	5586
5589 >E	Goethals 345kV Voltage	SBK Edic R945	145.2	327.8	327.8	5589
5591 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	145.2	327.8	327.8	5591
5599 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	147.6	207	207.8	5481
5608 >E	Watercure 230kV Voltage	SBK Princetown 345	148.0	207	207.7	5545
5629 >E	Goethals 345kV Voltage	SBK Edic R70	146.7	327.8	327.5	5026
5652 >E	Goethals 345kV Voltage	Volney-Marcy	147.4	327.8	327.4	5519
5692 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr	151.1	207	207.1	5680

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
5709 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	151.8	207	207.0	5706
5713 >E	Watercure 230kV Voltage	SBK Edic R945	151.9	207	207.0	5713
5714 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	151.9	207	207.0	5714
6075 >E	Goethals 345kV Voltage	SBK Marcy R3108	163.0	327.8	324.5	4282
6207 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	170.5	327.8	344.7	2324
6228 >E	Rainey 345kV Voltage	Marcy South S.	162.1	327.8	312.3	3585
6291 >E	Farragut 345kV Voltage	Marcy South S.	167.8	327.8	312.6	3604
7797 >E	Goethals 345kV Voltage	Marcy South S.	228.3	327.8	312.6	4053
8510 >E	Northport 138kV Voltage	Pre-Fault	754.6	NA	135	8510
9059 >E	Northport 138kV Voltage	Ravenswood 3	579.1	131.1	134.3	8794
11248 >E	Northport 138kV Voltage	N.Scot-Leeds 345	738.7	131.1	131.4	10980
11383 >E	Rainey 345kV Voltage	Marcy South N.	351.2	327.8	329.1	8356
11405 >E	Northport 138kV Voltage	SBK Princetown 345	751.0	131.1	131.2	11206
11441 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	753.7	131.1	131.1	11410
11453 >E	Northport 138kV Voltage	Princetown-N.Scot 345	754.6	131.1	131.1	11446
11453 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	754.6	131.1	131.1	11453
11453 >E	Northport 138kV Voltage	SBK Edic R945	754.6	131.1	131.1	11453
11513 >E	Farragut 345kV Voltage	Marcy South N.	363.4	327.8	329.2	8437
11536 >E	Northport 138kV Voltage	SBK Edic R70	761.0	131.1	131.0	10026
11586 >E	Northport 138kV Voltage	Volney-Marcy	764.7	131.1	130.9	11293
12359 >E	Northport 138kV Voltage	Ph2 DC 1500	826.0	131.1	134.7	2987
12494 >E	Northport 138kV Voltage	SBK Marcy R3108	834.5	131.1	129.7	8336
14570 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1007.6	131.1	138.2	5881
14889 >E	Goethals 345kV Voltage	Marcy South N.	498.8	327.8	329.0	10508
15383 >E	Northport 138kV Voltage	Marcy South S.	1060.7	131.1	125.9	6312

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

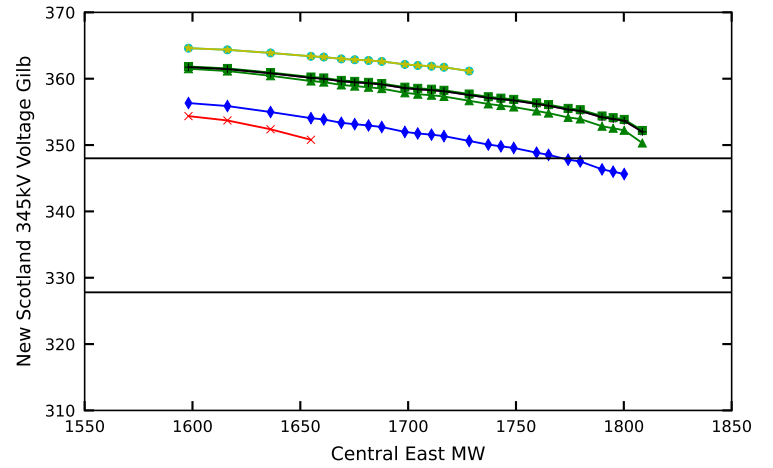
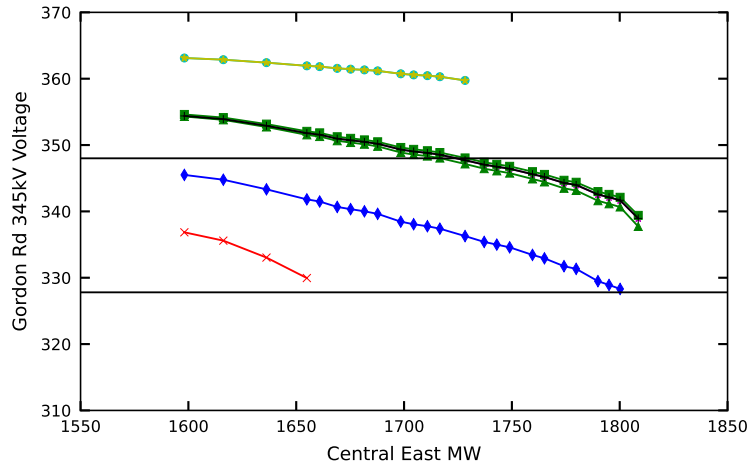
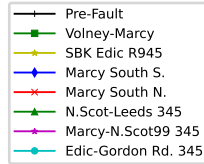
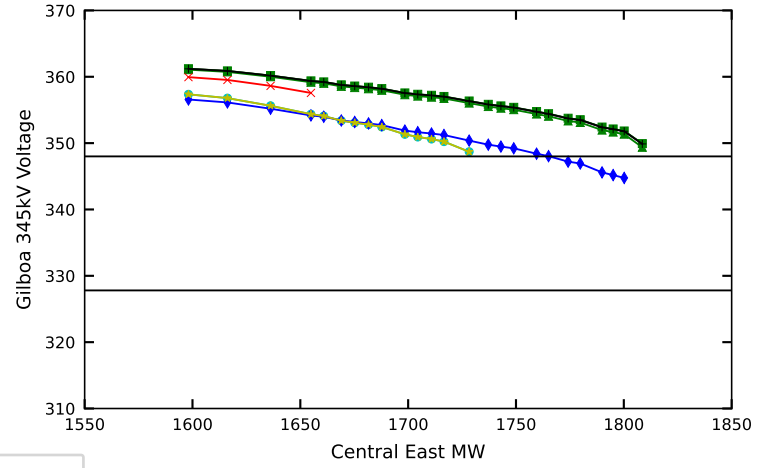
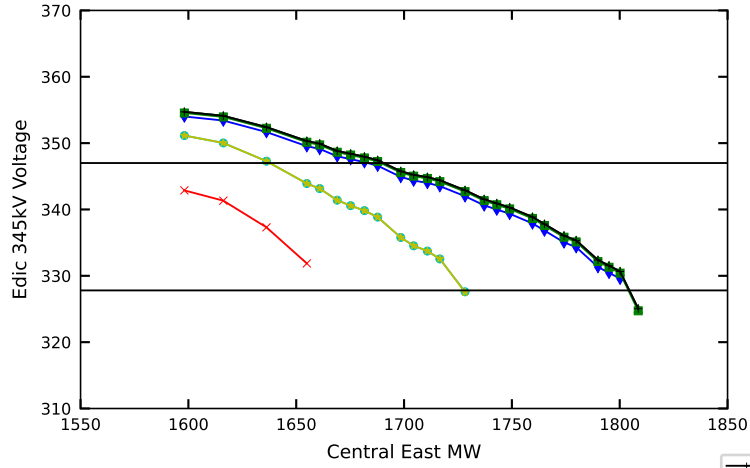
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1: 2023S CEVC PH2 CE1630 MS2270 DE1300 10 14 OS

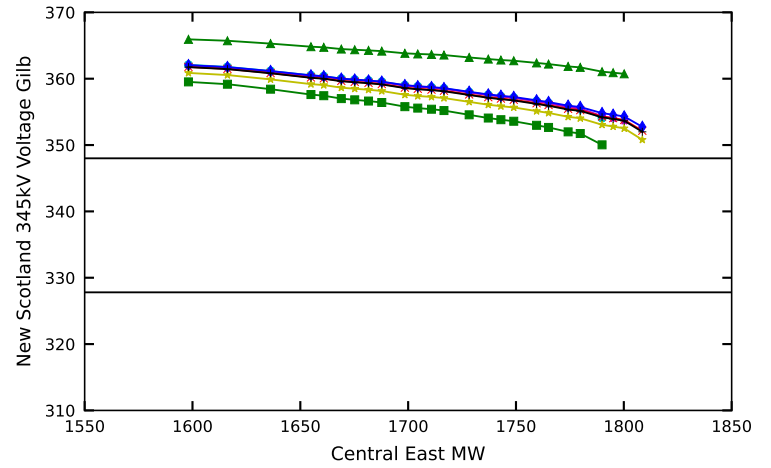
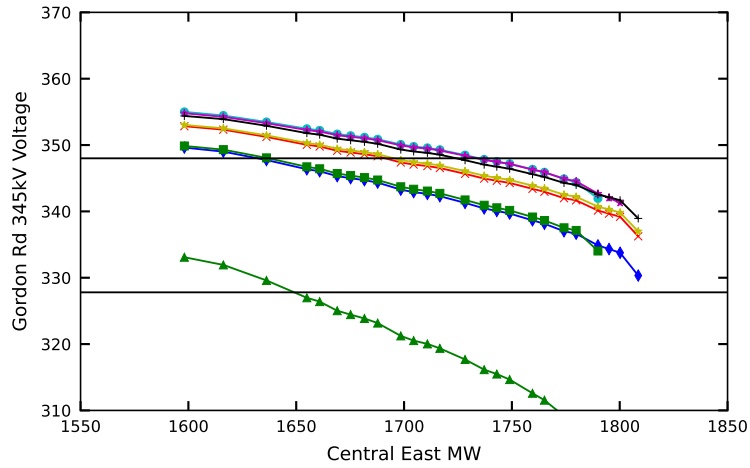
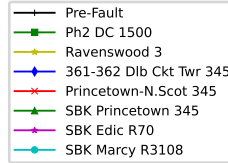
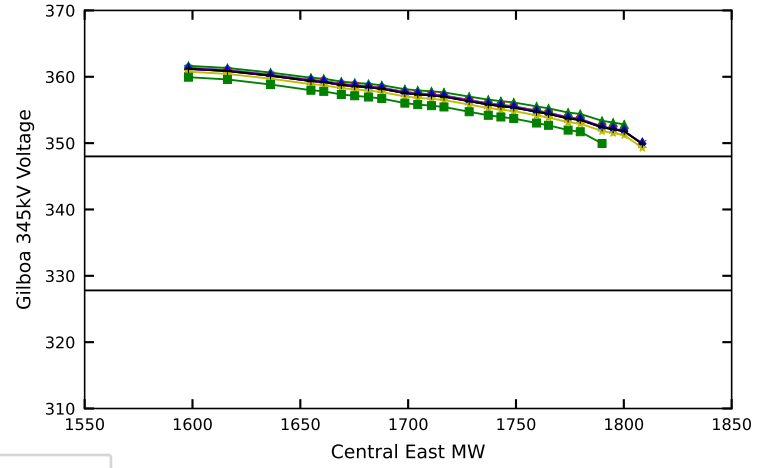
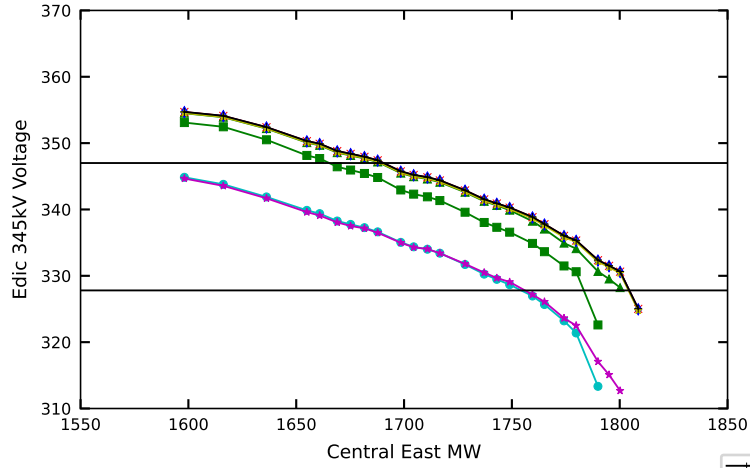
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
31944 >E	Northport 138kV Voltage	Marcy South N.	2371.0	131.1	131.4	20973
99998 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

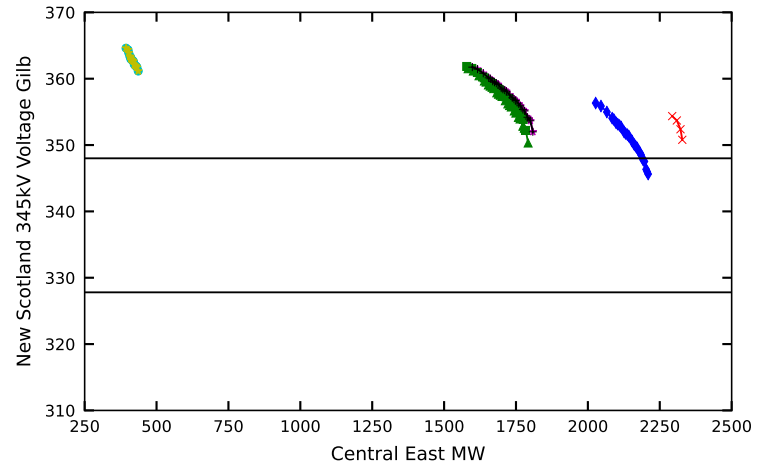
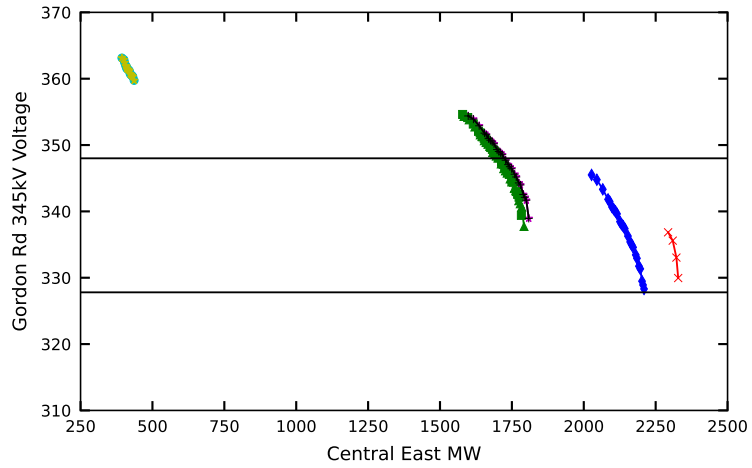
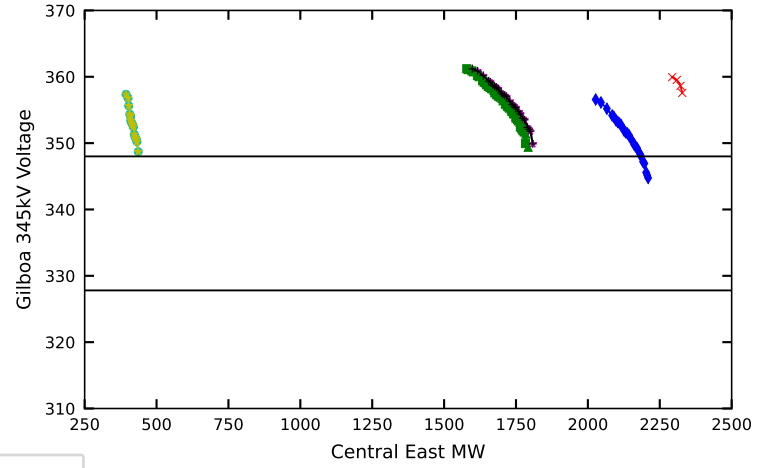
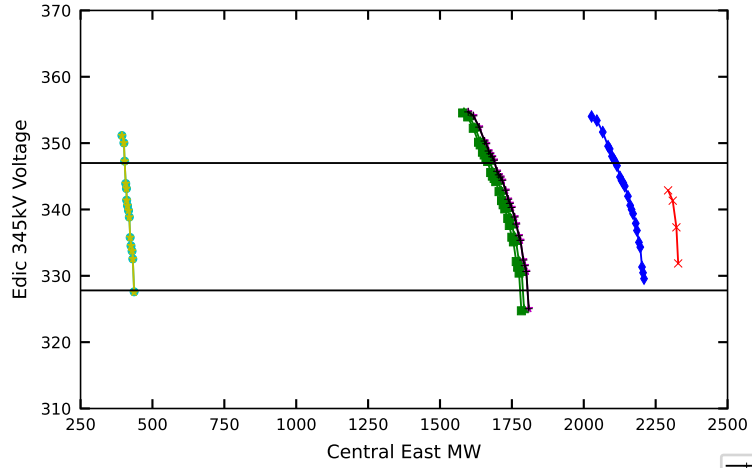
1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_05 Figure 1



1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_05 Figure 2

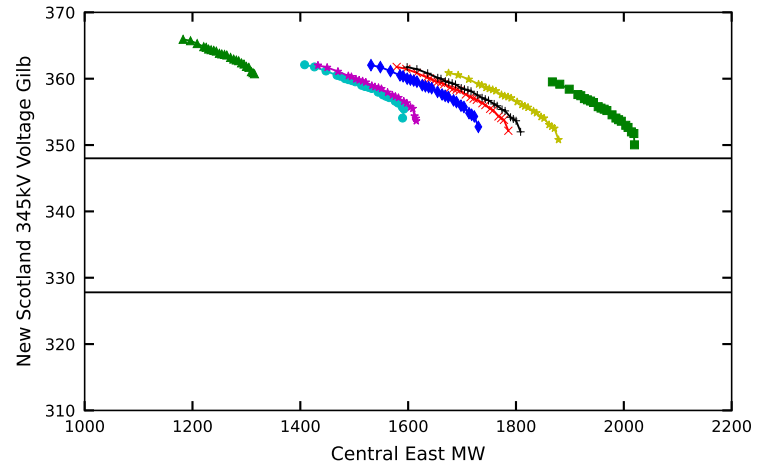
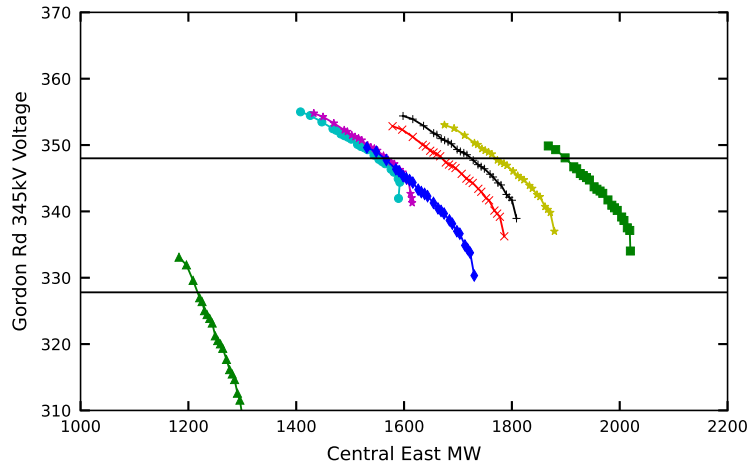
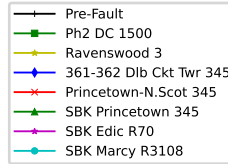
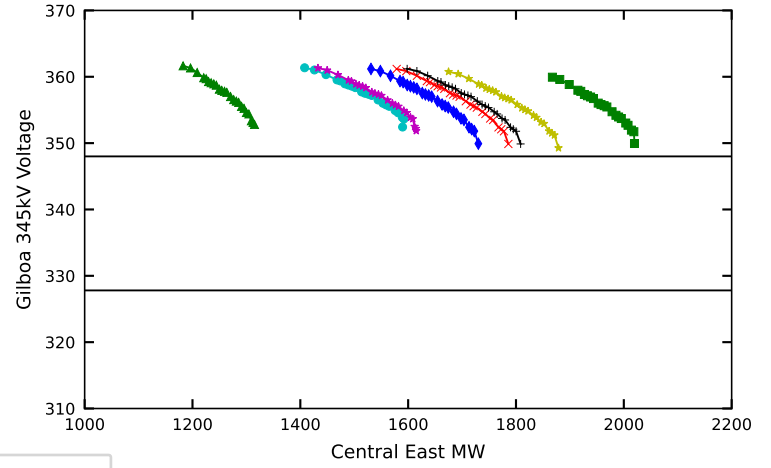
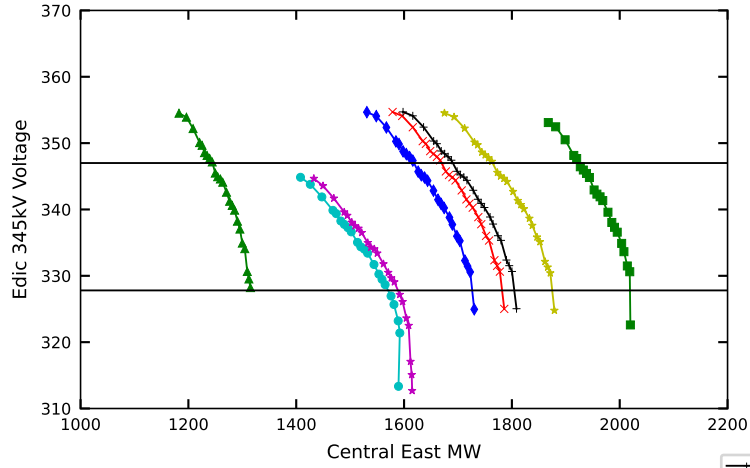


1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_05 Figure 1



- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 1O 18_OS

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
1598	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1616	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1636	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1654	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1660	t5	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
1669	t6	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
1675	t7	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
1681	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
1687	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
1698	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
1704	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
1710	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
1716	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
1728	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
1737	t1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	5															
1743	t1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	6															
1748	t1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	7															
1759	t1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	8															
1765	t1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	9															
1774	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	0															
1779	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	1															
1789	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	2															
1795	t2	0	2	0	0	2	0	2	0	1	0	0	0	0	0	1
	3															
1800	t2	0	2	0	0	2	0	2	0	2	0	0	0	0	0	2
	4															
1808	t2	0	2	0	0	2	2	2	0	2	2	2	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 1O 18_OS

Interface: Central East

Twr 345																							
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ravens																							
wood 3																							
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
Ph2 DC																							
1500																							

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1569 <E	Dunwoodie 345kV Voltage	Pre-Fault	89.0	NA	348	1569
1572	limit with 5% margin	Marcy South N.	NA	NA	NA	2211
1578 <E	Sprain Brook 345kV Voltage	Pre-Fault	89.0	NA	348	1578
1641	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	414
1641	limit with 5% margin	SBK Edic R945	NA	NA	NA	414
1649	Gordon Rd 345kV Voltage	SBK Princetown 345	7.2	327.8	352.1	1217
1659 >E	Clay 345kV Voltage	Marcy South N.	3.8	327.8	349.6	2329
1667 >E	Gordon Rd 345kV Voltage	Marcy South N.	6.1	327.8	351.0	2332
1668 >E	Edic 345kV Voltage	Marcy South N.	3.4	327.8	348.7	2332
1674 >E	Oakdale 345kV Voltage	Marcy South N.	3.8	320	351.7	2334
1674 >E	Marcy 345kV Voltage	Marcy South N.	3.5	327.8	348.5	2334
1686	Marcy 345kV Voltage	Pre-Fault	11.7	NA	348	1686
1690	Edic 345kV Voltage	Pre-Fault	6.4	NA	347	1690
1690	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1512
1694 >E	Pannell Road 345kV Voltage	Marcy South N.	5.5	327.8	346.4	2341
1700	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	1918
1710	limit with 5% margin	Marcy South S.	NA	NA	NA	2099
1710	limit with 5% margin	SBK Edic R70	NA	NA	NA	1534
1710	limit with 5% margin	SBK Princetown 345	NA	NA	NA	1249
1711	Pannell Road 345kV Voltage	Pre-Fault	21.7	NA	346	1711
1712 >E	Station 80 345kV Voltage	Marcy South N.	6.2	327.8	345.0	2347
1714	Station 80 345kV Voltage	Pre-Fault	19.3	NA	346	1714
1718	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1718
1718	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	1702
1718	limit with 5% margin	Volney-Marcy	NA	NA	NA	1693
1718	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	1696
1718	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	1643
1718	limit with 5% margin	Ravenswood 3	NA	NA	NA	1784
1719	Clay 345kV Voltage	Pre-Fault	10.8	NA	345	1719
1722	Coopers Corners 345kV Voltage	SBK Edic R945	3.4	327.8	348.2	434
1722	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	348.2	434
1724	Gordon Rd 345kV Voltage	Pre-Fault	14.1	NA	348	1724
1727	Fraser 345kV Voltage	SBK Edic R945	2.6	327.8	349.5	435
1727	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	349.5	435
1727	Edic 345kV Voltage	SBK Edic R945	2.3	327.8	343.0	436
1727	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.4	327.8	343.0	436
1728 >E	Marcy 345kV Voltage	SBK Edic R945	2.3	327.8	343.3	436
1729 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.4	327.8	343.2	436
1730 >E	Clay 345kV Voltage	SBK Edic R945	2.7	327.8	344.0	436
1730 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	344.0	437

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1730 >E	Oakdale 345kV Voltage	SBK Edic R945	2.3	320	345.1	437
1731 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.3	320	345.1	437
1754	Edic 345kV Voltage	SBK Marcy R3108	6.2	327.8	339.6	1570
1756	Edic 345kV Voltage	SBK Edic R70	5.6	327.8	339.3	1588
1761 >E	Pannell Road 345kV Voltage	SBK Edic R945	4.6	327.8	343.9	449
1762 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	4.7	327.8	343.9	449
1776	Clay 345kV Voltage	SBK Edic R70	4.7	327.8	338.4	1605
1778	Clay 345kV Voltage	SBK Marcy R3108	2.9	327.8	338.2	1591
1780 >E	Station 80 345kV Voltage	SBK Edic R945	5.6	327.8	344.0	456
1781 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.7	327.8	343.9	456
1783	Edic 345kV Voltage	Ph2 DC 1500	1.3	327.8	334.3	2019
1784	Marcy 345kV Voltage	Ph2 DC 1500	1.2	327.8	334.4	2019
1787	Millwood 345kV Voltage	Pre-Fault	13.7	NA	348	1787
1788	Oakdale 345kV Voltage	Pre-Fault	3.8	NA	335	1788
1790 >E	Clay 345kV Voltage	Ph2 DC 1500	1.5	327.8	335.6	2019
1792 >E	Watercure 230kV Voltage	Marcy South N.	10.0	207	228.2	2373
1801 >E	Edic 345kV Voltage	SBK Princetown 345	3.9	327.8	330.4	1315
1802 >E	Pannell Road 345kV Voltage	SBK Edic R70	2.9	327.8	337.9	1615
1802	Fraser 345kV Voltage	Pre-Fault	1.9	NA	338	1802
1804	Edic 345kV Voltage	Volney-Marcy	1.5	327.8	328.1	1778
1804	Edic 345kV Voltage	Ravenswood 3	1.5	327.8	328.1	1874
1804	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	1.5	327.8	327.9	1726
1804	Edic 345kV Voltage	Princetown-N.Scot 345	1.5	327.8	327.8	1781
1804	Edic 345kV Voltage	N.Scot-Leeds 345	1.5	327.8	327.8	1788
1804	Edic 345kV Voltage	Marcy-N.Scot99 345	1.5	327.8	327.8	1804
1804 >E	Gordon Rd 345kV Voltage	Marcy South S.	8.6	327.8	341.3	2212
1804 >E	Oakdale 345kV Voltage	Ph2 DC 1500	1.9	320	330.7	2021
1804 >E	Marcy 345kV Voltage	SBK Princetown 345	4.0	327.8	330.3	1317
1805	Marcy 345kV Voltage	N.Scot-Leeds 345	1.5	327.8	327.8	1788
1805	Marcy 345kV Voltage	Marcy-N.Scot99 345	1.5	327.8	327.8	1805
1805	Marcy 345kV Voltage	Volney-Marcy	1.5	327.8	327.8	1779
1805	Marcy 345kV Voltage	Princetown-N.Scot 345	1.5	327.8	327.8	1782
1805	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	1.5	327.8	327.8	1727
1805	Marcy 345kV Voltage	Ravenswood 3	1.5	327.8	327.8	1875
1805 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	2.3	327.8	336.4	2021
1805	Coopers Corners 345kV Voltage	Pre-Fault	2.7	NA	338	1805
1806	Clay 345kV Voltage	Volney-Marcy	1.4	327.8	330.4	1780
1806	Buchanan North 345kV Voltage	Pre-Fault	13.4	NA	346	1806
1808 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	10.8	327.8	341.2	1607

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1809 >E	Clay 345kV Voltage	Ravenswood 3	1.6	327.8	328.4	1879
1810 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	1.7	327.8	328.2	1731
1810 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	3.3	327.8	339.7	2022
1810 >E	Edic 345kV Voltage	Marcy South S.	5.7	327.8	328.9	2216
1810 >E	Clay 345kV Voltage	Princetown-N.Scot 345	1.7	327.8	327.9	1787
1810 >E	Clay 345kV Voltage	N.Scot-Leeds 345	1.7	327.8	327.9	1794
1810 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	1.7	327.8	327.8	1810
1812 >E	Rock Tavern 345kV Voltage	Pre-Fault	6.8	NA	348	1812
1812 >E	Station 80 345kV Voltage	SBK Edic R70	3.4	327.8	337.9	1617
1813 >E	Station 80 345kV Voltage	Ph2 DC 1500	2.8	327.8	336.7	2022
1813 >E	Clay 345kV Voltage	SBK Princetown 345	4.2	327.8	331.9	1322
1814 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	336.9	1735
1816 >E	Coopers Corners 345kV Voltage	SBK Edic R70	6.8	327.8	338.7	1617
1816 >E	Oakdale 345kV Voltage	SBK Edic R70	3.1	320	330.0	1617
1816 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	4.9	327.8	338.8	1611
1816 >E	Gilboa 345kV Voltage	Pre-Fault	4.4	NA	348	1816
1816 >E	Oakdale 345kV Voltage	Volney-Marcy	1.5	320	322.6	1790
1817 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	3.7	218.5	226.3	2022
1817 >E	Fraser 345kV Voltage	Ph2 DC 1500	2.5	327.8	333.7	2022
1817 >E	Ramapo 500kV Voltage	SBK Edic R945	19.9	500	507.9	470
1818 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	20.2	500	507.9	470
1818 >E	Oakdale 345kV Voltage	Ravenswood 3	1.6	320	321.4	1888
1819 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	3.0	327.8	335.5	2023
1819 >E	Marcy 345kV Voltage	Marcy South S.	5.9	327.8	327.8	2222
1819 >E	Marcy 345kV Voltage	SBK Edic R70	5.9	327.8	327.8	1618
1820 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	1.6	320	320.6	1740
1820 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	1.6	320	320.2	1797
1820 >E	St.Lawrence 230kV Voltage	Pre-Fault	5.9	NA	225	1820
1821 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	1.6	320	320.1	1804
1821 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	1.6	320	320.0	1821
1821 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	1.9	327.8	327.8	1804
1821 >E	Fraser 345kV Voltage	Ravenswood 3	1.9	327.8	327.8	1890
1821 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	1.9	327.8	327.8	1821
1821 >E	Fraser 345kV Voltage	Volney-Marcy	1.9	327.8	327.8	1795
1821 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	1.9	327.8	327.8	1798
1821 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	1.9	327.8	327.8	1741
1821 >E	Coopers Corners 345kV Voltage	Ravenswood 3	2.3	327.8	332.0	1890

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1822 >E	Pannell Road 345kV Voltage	Volney-Marcy	2.4	327.8	330.2	1795
1824 >E	Clay 345kV Voltage	Marcy South S.	5.7	327.8	330.2	2225
1826 >E	Pannell Road 345kV Voltage	Ravenswood 3	2.6	327.8	328.6	1895
1827 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	2.7	327.8	328.2	1747
1828 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	2.7	327.8	327.9	1805
1828 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	327.9	1811
1828 >E	New Scotland 345kV Voltage Alps	Pre-Fault	5.0	NA	348	1828
1828 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	5.0	NA	348	1828
1828 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	2.8	327.8	327.8	1828
1831 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	2.6	327.8	328.5	1750
1832 >E	Station 80 345kV Voltage	SBK Marcy R3108	5.7	327.8	338.8	1620
1832 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	328.1	1815
1832 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	2.7	327.8	328.0	1809
1832 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	2.9	327.8	331.1	1809
1832 >E	Station 80 345kV Voltage	Volney-Marcy	3.0	327.8	330.2	1806
1833 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	327.8	1833
1834 >E	Coopers Corners 345kV Voltage	Volney-Marcy	2.7	327.8	327.1	1808
1835 >E	Gordon Rd 345kV Voltage	Ravenswood 3	3.0	327.8	330.1	1903
1836 >E	Ramapo 500kV Voltage	Ph2 DC 1500	14.6	500	505.8	2025
1836 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	2.9	327.8	329.7	1819
1837 >E	Ramapo 500kV Voltage	Ravenswood 3	12.0	500	505.5	1905
1838 >E	Station 80 345kV Voltage	Ravenswood 3	3.4	327.8	328.8	1905
1840 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	3.5	327.8	328.2	1758
1841 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.5	320	325.6	1337
1841 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	3.5	327.8	327.9	1817
1841 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	327.9	1823
1841 >E	St.Lawrence 230kV Voltage	Marcy South N.	14.5	218.5	226.0	2390
1841 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	3.5	327.8	327.8	1841
1841 >E	Pannell Road 345kV Voltage	SBK Princetown 345	5.0	327.8	331.8	1337
1842 >E	Buchanan South 345kV Voltage	Pre-Fault	13.4	NA	346	1842
1842 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	3.1	327.8	327.8	1842
1843 >E	Marcy 345kV Voltage	SBK Marcy R3108	8.0	327.8	327.8	1626
1844 >E	Gordon Rd 345kV Voltage	Volney-Marcy	3.1	327.8	327.3	1817
1846 >E	Niagara 230kV East Voltage	Pre-Fault	6.7	NA	225	1846
1846 >E	Niagara 230kV West Voltage	Pre-Fault	6.7	NA	225	1846
1848 >E	Pleasant Valley 345kV Voltage	Pre-Fault	11.8	NA	348	1848
1849 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.2	320	331.3	1629
1851 >E	Pannell Road 345kV Voltage	Marcy South S.	5.9	327.8	330.2	2244

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1855 >E	St.Lawrence 230kV Voltage	Ravenswood 3	5.7	218.5	219.1	1921
1856 >E	St.Lawrence 230kV Voltage	Volney-Marcy	5.7	218.5	219.0	1828
1857 >E	St.Lawrence 230kV Voltage	SBK Edic R945	11.4	218.5	227.9	486
1857 >E	Ramapo 345kV Voltage	Pre-Fault	12.3	NA	346	1857
1858 >E	Station 80 345kV Voltage	SBK Princetown 345	5.8	327.8	331.7	1346
1858 >E	Oakdale 345kV Voltage	Marcy South S.	5.3	320	322.6	2249
1859 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	5.9	218.5	218.5	1859
1859 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	5.9	218.5	218.5	1841
1859 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	5.9	218.5	218.5	1834
1859 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	5.9	218.5	218.4	1775
1860 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	11.6	218.5	227.9	486
1870 >E	Station 80 345kV Voltage	Marcy South S.	6.8	327.8	330.0	2257
1870 >E	Somerset 345kV Voltage	Marcy South N.	10.9	327.8	346.9	2399
1877 >E	Ladentown 345kV Voltage	Pre-Fault	12.5	NA	346	1877
1878 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	9.0	327.8	333.2	1356
1879 >E	Rock Tavern 345kV Voltage	SBK Edic R945	8.5	327.8	345.3	494
1881 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	8.6	327.8	345.2	494
1883 >E	Fraser 345kV Voltage	Marcy South S.	7.3	327.8	327.8	2266
1883 >E	Fraser 345kV Voltage	SBK Edic R70	7.3	327.8	327.8	1629
1883 >E	Fraser 345kV Voltage	SBK Princetown 345	7.3	327.8	327.8	1359
1884 >E	Niagara 230kV East Voltage	Ravenswood 3	6.4	218.5	219.4	1947
1884 >E	Niagara 230kV West Voltage	Ravenswood 3	6.4	218.5	219.4	1947
1884 >E	Niagara 230kV East Voltage	Volney-Marcy	6.3	218.5	219.3	1855
1884 >E	Niagara 230kV West Voltage	Volney-Marcy	6.3	218.5	219.3	1855
1885 >E	Somerset 345kV Voltage	Ph2 DC 1500	4.9	327.8	341.3	2030
1886 >E	Gilboa 345kV Voltage	SBK Edic R945	7.6	327.8	347.1	497
1888 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	7.7	327.8	346.9	497
1888 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	6.6	218.5	218.7	1801
1888 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	6.6	218.5	218.7	1801
1889 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	6.7	218.5	218.6	1864
1889 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	6.7	218.5	218.6	1864
1889 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	6.7	218.5	218.5	1870
1889 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	6.7	218.5	218.5	1870
1890 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	6.7	218.5	218.5	1890
1890 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	6.7	218.5	218.5	1890
1893 >E	Gordon Rd 345kV Voltage	SBK Edic R70	6.9	327.8	333.6	1631
1895 >E	Rock Tavern 345kV Voltage	Ravenswood 3	5.1	327.8	335.8	1957
1896 >E	Niagara 230kV East Voltage	Ph2 DC 1500	8.5	218.5	223.4	2031

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Interface: Central East

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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1896 >E	Niagara 230kV West Voltage	Ph2 DC 1500	8.5	218.5	223.4	2031
1900 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	4.3	327.8	329.0	1880
1900 >E	Roseton 345kV Voltage	Pre-Fault	11.5	NA	345	1900
1901 >E	Gilboa 345kV Voltage	Ravenswood 3	4.3	327.8	328.7	1963
1905 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	327.8	1905
1906 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	4.4	327.8	327.7	1880
1906 >E	Gilboa 345kV Voltage	Volney-Marcy	4.4	327.8	327.7	1875
1906 >E	Watercure 230kV Voltage	SBK Edic R945	10.9	207	235.8	504
1906 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	327.8	327.5	1817
1907 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	4.4	327.8	332.4	1887
1907 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	4.4	327.8	332.4	1887
1909 >E	Bowline 1 345kV Voltage	Pre-Fault	12.5	NA	345	1909
1910 >E	Somerset 345kV Voltage	SBK Edic R70	6.4	327.8	342.3	1634
1911 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	11.2	207	235.9	506
1914 >E	Leeds 345kV Voltage	Pre-Fault	9.1	NA	345	1914
1915 >E	Somerset 345kV Voltage	Pre-Fault	9.7	NA	338	1915
1915 >E	Bowline 2 345kV Voltage	Pre-Fault	12.5	NA	345	1915
1915 >E	Gilboa 345kV Voltage	Ph2 DC 1500	5.7	327.8	338.5	2034
1917 >E	Niagara 230kV East Voltage	SBK Edic R945	14.0	218.5	226.4	508
1917 >E	Niagara 230kV West Voltage	SBK Edic R945	14.0	218.5	226.4	508
1918 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	14.2	218.5	226.4	508
1918 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	14.2	218.5	226.4	508
1921 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	4.9	327.8	329.7	1980
1921 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	4.9	327.8	329.7	1980
1921 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	5.9	327.8	341.7	2034
1921 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	5.9	327.8	341.7	2034
1924 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	16.1	500	500.2	1903
1925 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	16.3	500	500.2	1834
1926 >E	New Scotland 345kV Voltage Alps	Marcy South N.	11.8	327.8	350.2	2418
1926 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	11.8	327.8	350.2	2418
1927 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	16.3	500	500.1	1900
1928 >E	Ramapo 500kV Voltage	Pre-Fault	16.4	NA	500	1928
1928 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	16.4	500	500.0	1928
1928 >E	Ramapo 500kV Voltage	Volney-Marcy	16.5	500	500.0	1897
1930 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	5.0	327.8	327.8	1930
1930 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	5.0	327.8	327.8	1930
1930 >E	Dunwoodie 345kV Voltage	Ravenswood 3	12.0	327.8	336.8	1989
1930 >E	Sprain Brook 345kV Voltage	Ravenswood 3	11.9	327.8	336.8	1989
1932 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	5.1	327.8	327.5	1900

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Interface: Central East

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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1932 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	5.1	327.8	327.5	1900
1932 >E	Buchanan North 345kV Voltage	Ravenswood 3	9.9	327.8	336.6	1991
1933 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	5.1	327.8	327.2	1906
1933 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	5.1	327.8	327.2	1906
1942 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	5.4	327.8	325.5	1849
1942 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	5.4	327.8	325.5	1849
1946 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	6.7	327.8	328.2	1925
1947 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	6.7	327.8	328.0	1853
1948 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	6.8	327.8	327.9	1921
1948 >E	Fraser 345kV Voltage	Marcy South N.	10.4	327.8	327.8	2425
1949 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	6.8	327.8	327.8	1949
1949 >E	Millwood 345kV Voltage	Ravenswood 3	10.5	327.8	336.8	2006
1952 >E	Rock Tavern 345kV Voltage	Volney-Marcy	6.8	327.8	327.3	1920
1953 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	7.6	327.8	336.0	2038
1954 >E	Fraser 345kV Voltage	SBK Marcy R3108	11.5	327.8	327.8	1685
1957 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	10.7	327.8	334.4	1686
1961 >E	Buchanan South 345kV Voltage	Ravenswood 3	10.1	327.8	337.1	2016
1967 >E	Somerset 345kV Voltage	Volney-Marcy	7.7	327.8	332.7	1934
1969 >E	Ramapo 345kV Voltage	Ravenswood 3	9.1	327.8	336.9	2024
1972 >E	Watercure 230kV Voltage	Ph2 DC 1500	8.3	207	230.4	2040
1973 >E	Ramapo 500kV Voltage	SBK Edic R70	28.1	500	504.5	1645
1977 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	10.7	327.8	330.1	2041
1978 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	10.7	327.8	330.3	2041
1979 >E	Niagara 345kV Voltage	Ph2 DC 1500	7.0	327.8	341.7	2041
1983 >E	Ladentown 345kV Voltage	Ravenswood 3	9.3	327.8	337.5	2037
1987 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	11.1	327.8	333.2	2042
1988 >E	Somerset 345kV Voltage	Ravenswood 3	8.7	327.8	330.5	2041
1997 >E	Somerset 345kV Voltage	SBK Marcy R3108	10.8	327.8	343.7	1708
1998 >E	Bowline 1 345kV Voltage	Ravenswood 3	9.3	327.8	337.9	2050
2002 >E	Bowline 2 345kV Voltage	Ravenswood 3	9.3	327.8	338.1	2054
2003 >E	Gilboa 345kV Voltage	Marcy South S.	12.0	327.8	339.7	2347
2005 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	9.4	327.8	328.7	1905
2012 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	9.6	327.8	328.1	1982
2012 >E	Millwood 345kV Voltage	Ph2 DC 1500	11.1	327.8	331.6	2045
2013 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	9.7	327.8	328.0	1989
2013 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	21.9	218.5	221.5	1716
2014 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	9.7	327.8	327.8	2014

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2016 >E	Roseton 345kV Voltage	Ravenswood 3	9.3	327.8	334.9	2067
2020 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	10.3	327.8	333.5	2070
2024 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	11.1	327.8	332.8	2046
2027 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	22.9	218.5	222.0	1436
2030 >E	Somerset 345kV Voltage	SBK Edic R945	14.8	327.8	359.6	552
2033 >E	St.Lawrence 230kV Voltage	SBK Edic R70	24.6	218.5	221.8	1655
2034 >E	Somerset 345kV Voltage	SBK Princetown 345	11.1	327.8	333.8	1440
2040 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	15.2	327.8	359.8	555
2040 >E	Ramapo 345kV Voltage	Ph2 DC 1500	11.5	327.8	335.5	2048
2044 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	13.1	327.8	328.3	2019
2050 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	13.4	327.8	327.8	2050
2050 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	13.4	327.8	327.8	2020
2051 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	13.4	327.8	327.8	1945
2052 >E	New Scotland 345kV Voltage Alps	Marcy South S.	14.2	327.8	340.5	2381
2052 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	14.2	327.8	340.5	2381
2052 >E	Ramapo 500kV Voltage	SBK Marcy R3108	40.9	500	504.8	1737
2054 >E	Ladentown 345kV Voltage	Ph2 DC 1500	11.3	327.8	335.3	2049
2055 >E	Buchanan North 345kV Voltage	Volney-Marcy	13.5	327.8	327.5	2018
2059 >E	Niagara 230kV East Voltage	Marcy South N.	29.5	218.5	228.6	2462
2059 >E	Niagara 230kV West Voltage	Marcy South N.	29.5	218.5	228.6	2462
2066 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	13.5	327.8	328.4	2040
2068 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	15.7	327.8	328.3	2042
2068 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	15.8	327.8	328.3	2043
2071 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	9.1	327.8	327.8	2040
2071 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	9.1	327.8	327.8	2071
2071 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	9.1	327.8	327.8	2045
2071 >E	Leeds 345kV Voltage	Volney-Marcy	9.1	327.8	327.8	2033
2071 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	327.8	1964
2071 >E	Leeds 345kV Voltage	Ravenswood 3	9.1	327.8	327.8	2116
2072 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	11.3	327.8	335.8	2051
2074 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	11.4	327.8	328.9	2048
2074 >E	Somerset 345kV Voltage	Marcy South S.	13.0	327.8	331.0	2396
2074 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	13.8	327.8	327.8	2074
2075 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	12.1	327.8	328.3	2049
2075 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	13.9	327.8	327.7	2044
2076 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	16.1	327.8	327.8	2076
2077 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	16.2	327.8	327.8	2077
2077 >E	Niagara 230kV East Voltage	SBK Edic R70	23.2	218.5	227.7	1663
2077 >E	Niagara 230kV West Voltage	SBK Edic R70	23.2	218.5	227.7	1663

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2077 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	13.0	327.8	328.4	2051
2077 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	11.2	327.8	336.0	2052
2077 >E	Sprain Brook 345kV Voltage	Princeton-N.Scot 345	16.1	327.8	327.7	2046
2078 >E	Dunwoodie 345kV Voltage	Princeton-N.Scot 345	16.3	327.8	327.7	2046
2078 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	14.0	327.8	327.5	1970
2080 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	12.3	327.8	327.9	1972
2080 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	16.3	327.8	327.6	1972
2080 >E	Millwood 345kV Voltage	Volney-Marcy	14.0	327.8	327.4	2042
2080 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	12.3	327.8	327.8	2049
2080 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	16.4	327.8	327.6	1972
2081 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	12.3	327.8	327.8	2081
2082 >E	Sprain Brook 345kV Voltage	Volney-Marcy	16.3	327.8	327.4	2043
2082 >E	Dunwoodie 345kV Voltage	Volney-Marcy	16.4	327.8	327.4	2044
2085 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	13.4	327.8	327.8	2085
2086 >E	Buchanan South 345kV Voltage	Princeton-N.Scot 345	13.4	327.8	327.8	2054
2086 >E	Ramapo 345kV Voltage	Volney-Marcy	12.4	327.8	327.4	2047
2087 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	13.5	327.8	327.6	1978
2087 >E	Ramapo 500kV Voltage	SBK Princeton 345	40.8	500	502.3	1469
2088 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	11.8	327.8	327.8	2088
2089 >E	Pleasant Valley 345kV Voltage	Princeton-N.Scot 345	11.9	327.8	327.6	2057
2090 >E	Buchanan South 345kV Voltage	Volney-Marcy	13.5	327.8	327.4	2051
2092 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	11.3	327.8	328.4	2066
2092 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	12.0	327.8	327.4	2053
2092 >E	Ramapo 345kV Voltage	SBK Edic R945	17.4	327.8	344.2	576
2094 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	12.0	327.8	327.2	1985
2095 >E	Buchanan North 345kV Voltage	SBK Edic R945	20.7	327.8	340.7	577
2096 >E	Watercure 230kV Voltage	SBK Marcy R3108	13.5	207	222.1	1761
2096 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	17.6	327.8	344.1	577
2097 >E	Watercure 230kV Voltage	SBK Edic R70	13.5	207	230.3	1666
2098 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	12.3	327.8	328.4	2072
2099 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	11.5	327.8	327.8	2099
2099 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	21.0	327.8	340.7	577
2099 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	11.6	327.8	327.8	2067
2100 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	11.6	327.8	327.7	1990

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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2103 >E	Rock Tavern 345kV Voltage	SBK Edic R70	16.3	327.8	340.5	1667
2103 >E	Roseton 345kV Voltage	Volney-Marcy	11.7	327.8	327.4	2064
2105 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	12.5	327.8	327.8	2073
2105 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	12.5	327.8	327.8	2105
2105 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	12.5	327.8	327.8	1994
2110 >E	Ladentown 345kV Voltage	Volney-Marcy	12.7	327.8	327.4	2071
2115 >E	Niagara 345kV Voltage	SBK Edic R70	12.1	327.8	346.3	1669
2117 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	12.3	327.8	328.4	2090
2123 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	12.2	327.8	328.4	2095
2125 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	12.5	327.8	327.8	2092
2125 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	12.5	327.8	327.8	2125
2125 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	12.5	327.8	327.8	2011
2126 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	13.6	327.8	332.7	2058
2127 >E	Roseton 345kV Voltage	Ph2 DC 1500	13.0	327.8	334.5	2058
2130 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	12.5	327.8	327.8	2097
2130 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	12.5	327.8	327.8	2130
2130 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	12.5	327.8	327.8	2016
2130 >E	Bowline 1 345kV Voltage	Volney-Marcy	12.7	327.8	327.4	2089
2136 >E	Bowline 2 345kV Voltage	Volney-Marcy	12.6	327.8	327.4	2095
2143 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	13.3	327.8	335.7	1674
2143 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	13.3	327.8	335.7	1674
2163 >E	Ladentown 345kV Voltage	SBK Edic R945	18.9	327.8	345.5	603
2167 >E	Gilboa 345kV Voltage	SBK Edic R70	15.3	327.8	329.9	1678
2167 >E	St.Lawrence 230kV Voltage	Marcy South S.	34.7	218.5	218.0	2459
2168 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	19.2	327.8	345.4	604
2178 >E	Gilboa 345kV Voltage	Marcy South N.	17.6	327.8	336.9	2502
2178 >E	Ramapo 500kV Voltage	Marcy South N.	60.3	500	504.9	2502
2182 >E	Niagara 345kV Voltage	Marcy South N.	19.4	327.8	349.5	2503
2194 >E	Bowline 1 345kV Voltage	SBK Edic R945	19.0	327.8	347.4	615
2200 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	19.2	327.8	347.3	616
2202 >E	Bowline 2 345kV Voltage	SBK Edic R945	19.0	327.8	347.6	618
2208 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	19.2	327.8	347.5	619
2220 >E	Watercure 230kV Voltage	Volney-Marcy	17.0	207	216.1	2175
2229 >E	Buchanan South 345kV Voltage	SBK Edic R945	23.4	327.8	341.3	629
2231 >E	Roseton 345kV Voltage	SBK Edic R945	19.4	327.8	341.7	629
2234 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	23.7	327.8	341.2	629
2236 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	19.6	327.8	341.5	630
2247 >E	Gardenville 230kV Voltage	Marcy South N.	25.1	207	226.5	2525

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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2248 >E	Watercure 230kV Voltage	Pre-Fault	25.7	NA	215	2248
2254 >E	Gilboa 345kV Voltage	SBK Princetown 345	18.2	327.8	324.7	1558
2255 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	25.0	327.8	340.7	1845
2266 >E	Gardenville 230kV Voltage	Pre-Fault	28.7	NA	217	2266
2280 >E	Millwood 345kV Voltage	SBK Edic R945	26.7	327.8	338.9	648
2285 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	26.9	327.8	338.8	649
2287 >E	Gardenville 230kV Voltage	Ph2 DC 1500	19.5	207	229.5	2076
2290 >E	Sprain Brook 345kV Voltage	SBK Edic R945	30.9	327.8	336.9	652
2295 >E	Dunwoodie 345kV Voltage	SBK Edic R945	31.2	327.8	336.6	654
2295 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	31.2	327.8	336.8	653
2300 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	31.5	327.8	336.5	654
2311 >E	Leeds 345kV Voltage	Ph2 DC 1500	17.4	327.8	327.8	2079
2311 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	19.2	327.8	335.8	1875
2311 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	19.2	327.8	335.8	1875
2317 >E	Watercure 230kV Voltage	Ravenswood 3	20.9	207	212.3	2338
2325 >E	Gardenville 230kV Voltage	SBK Edic R70	21.4	207	224.6	1706
2352 >E	Ramapo 500kV Voltage	Marcy South S.	69.2	500	497.2	2585
2360 >E	Buchanan North 345kV Voltage	SBK Edic R70	32.4	327.8	337.0	1712
2361 >E	Niagara 230kV East Voltage	SBK Marcy R3108	43.5	218.5	228.7	1902
2361 >E	Niagara 230kV West Voltage	SBK Marcy R3108	43.5	218.5	228.7	1902
2366 >E	Gilboa 345kV Voltage	SBK Marcy R3108	22.7	327.8	330.1	1904
2366 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	26.7	327.8	332.5	1618
2376 >E	Niagara 345kV Voltage	SBK Marcy R3108	21.3	327.8	348.0	1910
2386 >E	Ramapo 345kV Voltage	SBK Edic R70	27.8	327.8	339.8	1716
2389 >E	Gordon Rd 345kV Voltage	SBK Edic R945	20.7	327.8	300.8	690
2389 >E	Gardenville 230kV Voltage	Volney-Marcy	22.6	207	212.7	2336
2395 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	20.9	327.8	300.4	690
2397 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	23.6	207	209.2	2254
2399 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	20.1	327.8	325.0	694
2399 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	20.1	327.8	325.0	694
2404 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	20.3	327.8	324.7	694
2404 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	20.3	327.8	324.7	694
2405 >E	Niagara 230kV East Voltage	SBK Princetown 345	45.9	218.5	222.7	1639
2405 >E	Niagara 230kV West Voltage	SBK Princetown 345	45.9	218.5	222.7	1639
2412 >E	Rainey 345kV Voltage	Ravenswood 3	29.6	327.8	342.8	2425
2415 >E	Gardenville 230kV Voltage	SBK Edic R945	28.4	207	236.3	700
2426 >E	Gardenville 230kV Voltage	Ravenswood 3	24.0	207	211.4	2437
2429 >E	Niagara 345kV Voltage	SBK Princetown 345	22.1	327.8	335.9	1652
2430 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	29.0	207	236.3	704
2437 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	25.1	207	207.7	2394

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2446 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	25.4	207	207.3	2407
2447 >E	Farragut 345kV Voltage	Ravenswood 3	31.1	327.8	342.1	2457
2454 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	25.7	207	207.0	2454
2467 >E	Coopers Corners 345kV Voltage	Marcy South N.	23.4	327.8	296.6	2598
2472 >E	Ladentown 345kV Voltage	SBK Edic R70	29.5	327.8	340.1	1731
2501 >E	Niagara 230kV East Voltage	Marcy South S.	53.3	218.5	221.2	2686
2501 >E	Niagara 230kV West Voltage	Marcy South S.	53.3	218.5	221.2	2686
2509 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	27.2	207	208.5	2354
2514 >E	Bowline 1 345kV Voltage	SBK Edic R70	29.3	327.8	340.9	1739
2525 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	29.6	327.8	334.3	742
2528 >E	Bowline 2 345kV Voltage	SBK Edic R70	29.3	327.8	341.1	1741
2530 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	29.8	327.8	334.2	742
2534 >E	Leeds 345kV Voltage	Marcy South N.	27.5	327.8	343.5	2620
2537 >E	Niagara 345kV Voltage	Marcy South S.	25.9	327.8	332.3	2710
2539 >E	Buchanan South 345kV Voltage	SBK Edic R70	36.4	327.8	337.5	1743
2540 >E	Gardenville 230kV Voltage	Princeton-N.Scot 345	28.3	207	207.5	2493
2544 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	28.4	207	207.3	2502
2553 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	28.7	207	207.0	2553
2566 >E	Leeds 345kV Voltage	Marcy South S.	28.7	327.8	336.6	2730
2596 >E	Millwood 345kV Voltage	SBK Edic R70	41.7	327.8	336.1	1753
2621 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	47.2	327.8	337.4	2040
2632 >E	Sprain Brook 345kV Voltage	SBK Edic R70	50.3	327.8	334.9	1759
2638 >E	Roseton 345kV Voltage	SBK Edic R70	33.8	327.8	338.6	1760
2644 >E	Dunwoodie 345kV Voltage	SBK Edic R70	51.2	327.8	334.8	1761
2666 >E	Rainey 345kV Voltage	Pre-Fault	52.5	NA	338	2666
2668 >E	Ramapo 345kV Voltage	SBK Marcy R3108	41.3	327.8	340.3	2065
2670 >E	Farragut 345kV Voltage	Pre-Fault	54.5	NA	338	2670
2681 >E	Gardenville 230kV Voltage	SBK Marcy R3108	35.6	207	224.4	2072
2720 >E	Watercure 230kV Voltage	SBK Princetown 345	38.5	207	225.7	1808
2728 >E	Goethals 345kV Voltage	Ravenswood 3	42.4	327.8	341.0	2711
2765 >E	Buchanan North 345kV Voltage	SBK Princetown 345	51.5	327.8	330.2	1832
2788 >E	Ladentown 345kV Voltage	SBK Marcy R3108	43.4	327.8	341.2	2129
2794 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	30.2	327.8	301.7	1848
2794 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	30.2	327.8	301.7	1848
2808 >E	Ramapo 345kV Voltage	SBK Princetown 345	44.4	327.8	331.9	1855
2826 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	34.5	327.8	327.8	855
2826 >E	Leeds 345kV Voltage	SBK Edic R945	34.5	327.8	327.8	858
2829 >E	Gardenville 230kV Voltage	SBK Princetown 345	40.2	207	216.2	1867
2830 >E	Rainey 345kV Voltage	Ph2 DC 1500	38.9	327.8	332.6	2138
2841 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	43.1	327.8	334.4	1796

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2850 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	43.1	327.8	342.0	2163
2857 >E	Farragut 345kV Voltage	Ph2 DC 1500	40.7	327.8	332.5	2141
2865 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	52.0	327.8	338.1	2170
2871 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	43.2	327.8	343.4	2174
2889 >E	Leeds 345kV Voltage	SBK Edic R70	36.7	327.8	327.8	1804
2933 >E	Millwood 345kV Voltage	SBK Marcy R3108	58.5	327.8	336.5	2206
2949 >E	Ladentown 345kV Voltage	SBK Princetown 345	47.2	327.8	331.5	1931
2950 >E	Goethals 345kV Voltage	Pre-Fault	73.7	NA	338	2950
2985 >E	Gardenville 230kV Voltage	Marcy South S.	47.1	207	213.7	3015
2993 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	70.4	327.8	335.2	2239
3009 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	71.5	327.8	335.1	2247
3011 >E	Roseton 345kV Voltage	SBK Marcy R3108	48.7	327.8	338.0	2249
3016 >E	Bowline 1 345kV Voltage	SBK Princetown 345	46.9	327.8	331.8	1967
3039 >E	Bowline 2 345kV Voltage	SBK Princetown 345	46.9	327.8	331.8	1979
3069 >E	Pleasant Valley 345kV Voltage	Marcy South N.	53.6	327.8	336.4	2798
3079 >E	Buchanan South 345kV Voltage	SBK Princetown 345	58.8	327.8	328.9	2001
3151 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	55.4	327.8	334.0	2323
3163 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	51.1	327.8	328.5	3099
3186 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	53.0	327.8	328.5	3121
3196 >E	Goethals 345kV Voltage	Ph2 DC 1500	54.4	327.8	332.6	2179
3198 >E	Millwood 345kV Voltage	SBK Princetown 345	68.1	327.8	327.4	2064
3202 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	52.5	327.8	327.8	3202
3206 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	52.7	327.8	327.7	3138
3218 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	53.1	327.8	327.5	2984
3222 >E	Roseton 345kV Voltage	SBK Princetown 345	54.0	327.8	328.0	2077
3224 >E	Rainey 345kV Voltage	Volney-Marcy	53.3	327.8	327.4	3132
3226 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	54.5	327.8	327.8	3226
3231 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	54.7	327.8	327.7	3161
3242 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	55.1	327.8	327.5	3006
3248 >E	Niagara 345kV Voltage	Volney-Marcy	50.3	327.8	350.6	3154
3249 >E	Farragut 345kV Voltage	Volney-Marcy	55.3	327.8	327.4	3155
3263 >E	Pleasant Valley 345kV Voltage	Marcy South S.	65.5	327.8	327.2	3204
3264 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	82.3	327.8	327.2	2100
3287 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	83.9	327.8	327.1	2112
3292 >E	Leeds 345kV Voltage	SBK Princetown 345	49.0	327.8	316.8	2115
3359 >E	Leeds 345kV Voltage	SBK Marcy R3108	51.8	327.8	327.8	2434
3434 >E	Rock Tavern 345kV Voltage	Marcy South N.	57.6	327.8	313.2	2919
3594 >E	Watercure 230kV Voltage	Marcy South S.	72.0	207	219.3	3429
3637 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	71.2	327.8	320.8	2300

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3649 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	71.7	327.8	328.5	3568
3649 >E	Buchanan North 345kV Voltage	Marcy South N.	87.7	327.8	327.6	2990
3670 >E	Roseton 345kV Voltage	Marcy South N.	67.7	327.8	328.7	2997
3702 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	73.7	327.8	327.8	3702
3708 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	73.9	327.8	327.7	3623
3724 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	74.5	327.8	327.5	3435
3733 >E	Goethals 345kV Voltage	Volney-Marcy	74.8	327.8	327.4	3616
3774 >E	Millwood 345kV Voltage	Marcy South N.	91.5	327.8	329.0	3032
3812 >E	Niagara 345kV Voltage	Ravenswood 3	70.6	327.8	348.2	3691
3915 >E	Sprain Brook 345kV Voltage	Marcy South N.	110.7	327.8	327.5	3079
3924 >E	Dunwoodie 345kV Voltage	Marcy South N.	111.7	327.8	327.5	3082
3925 >E	Buchanan South 345kV Voltage	Marcy South N.	91.4	327.8	328.8	3082
3993 >E	Ramapo 345kV Voltage	Marcy South N.	85.6	327.8	326.5	3105
4336 >E	Ladentown 345kV Voltage	Marcy South N.	95.0	327.8	327.8	3218
4400 >E	Rainey 345kV Voltage	SBK Edic R945	99.0	327.8	340.8	1463
4426 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	100.0	327.8	340.7	1466
4439 >E	Farragut 345kV Voltage	SBK Edic R945	102.5	327.8	340.6	1478
4464 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	103.5	327.8	340.4	1481
4600 >E	Roseton 345kV Voltage	Marcy South S.	101.6	327.8	303.2	4113
4675 >E	Millwood 345kV Voltage	Marcy South S.	136.7	327.8	306.0	4164
4745 >E	Bowline 1 345kV Voltage	Marcy South N.	104.4	327.8	328.2	3354
4778 >E	Bowline 2 345kV Voltage	Marcy South N.	104.0	327.8	328.2	3365
4894 >E	Sprain Brook 345kV Voltage	Marcy South S.	168.0	327.8	307.4	4313
4902 >E	Dunwoodie 345kV Voltage	Marcy South S.	169.7	327.8	307.7	4318
4961 >E	Buchanan North 345kV Voltage	Marcy South S.	143.2	327.8	293.1	4359
5100 >E	Northport 138kV Voltage	Pre-Fault	373.5	NA	135	5100
5104 >E	Buchanan South 345kV Voltage	Marcy South S.	141.7	327.8	297.0	4456
5262 >E	Northport 138kV Voltage	Ravenswood 3	277.8	131.1	134.6	5002
5318 >E	Goethals 345kV Voltage	SBK Edic R945	138.0	327.8	340.5	1816
5354 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	139.3	327.8	340.3	1820
5955 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	143.7	327.8	339.1	5420
6011 >E	Rainey 345kV Voltage	SBK Edic R70	158.9	327.8	338.3	2346
6022 >E	Ramapo 345kV Voltage	Marcy South S.	155.1	327.8	272.0	5081
6061 >E	Farragut 345kV Voltage	SBK Edic R70	164.0	327.8	338.2	2355
6206 >E	Niagara 345kV Voltage	Pre-Fault	234.8	NA	338	6206
6329 >E	Ladentown 345kV Voltage	Marcy South S.	162.9	327.8	270.6	5289
6442 >E	Northport 138kV Voltage	N.Scot-Leeds 345	364.6	131.1	131.4	6263
6557 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	373.5	131.1	131.1	6557
6570 >E	Northport 138kV Voltage	Princetown-N.Scot 345	374.5	131.1	131.1	6391

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6603 >E	Northport 138kV Voltage	361-362 D1b Ckt Twr 345	377.1	131.1	131.0	5997
6621 >E	Northport 138kV Voltage	Volney-Marcy	378.4	131.1	130.9	6368
7012 >E	Rock Tavern 345kV Voltage	Marcy South S.	166.0	327.8	190.0	5754
7064 >E	Bowline 1 345kV Voltage	Marcy South S.	180.0	327.8	258.7	5789
7112 >E	Bowline 2 345kV Voltage	Marcy South S.	179.1	327.8	258.2	5821
7550 >E	Goethals 345kV Voltage	SBK Edic R70	224.0	327.8	338.1	2614
7558 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	198.9	327.8	332.2	7347
7715 >E	Rainey 345kV Voltage	SBK Marcy R3108	222.5	327.8	338.1	4757
7786 >E	Farragut 345kV Voltage	SBK Marcy R3108	229.7	327.8	338.0	4794
7940 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	212.1	327.8	330.6	7709
8602 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	234.8	327.8	327.8	8602
8752 >E	Rainey 345kV Voltage	SBK Princetown 345	258.4	327.8	327.8	5042
8829 >E	Farragut 345kV Voltage	SBK Princetown 345	266.6	327.8	327.9	5084
9467 >E	Coopers Corners 345kV Voltage	Marcy South S.	188.3	327.8	-345.9	7423
9900 >E	Goethals 345kV Voltage	SBK Marcy R3108	314.8	327.8	337.9	5921
11302 >E	Goethals 345kV Voltage	SBK Princetown 345	366.0	327.8	328.0	6410
11439 >E	Rainey 345kV Voltage	Marcy South N.	353.4	327.8	328.7	5578
11547 >E	Farragut 345kV Voltage	Marcy South N.	364.8	327.8	328.8	5613
12040 >E	Northport 138kV Voltage	SBK Edic R945	811.8	131.1	135.7	4399
12128 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	818.8	131.1	135.7	4407
14886 >E	Goethals 345kV Voltage	Marcy South N.	498.8	327.8	329.0	6722
15552 >E	Rainey 345kV Voltage	Marcy South S.	507.5	327.8	301.8	11560
15697 >E	Farragut 345kV Voltage	Marcy South S.	523.3	327.8	302.4	11659
20384 >E	Goethals 345kV Voltage	Marcy South S.	711.8	327.8	303.5	14846
20704 >E	Northport 138kV Voltage	SBK Edic R70	1486.5	131.1	136.1	4899
28764 >E	Northport 138kV Voltage	SBK Marcy R3108	2132.4	131.1	136.2	15979
34036 >E	Northport 138kV Voltage	SBK Princetown 345	2525.9	131.1	130.7	18601
42046 >E	Northport 138kV Voltage	Marcy South N.	3162.5	131.1	130.5	15743

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Interface: Central East

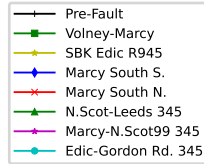
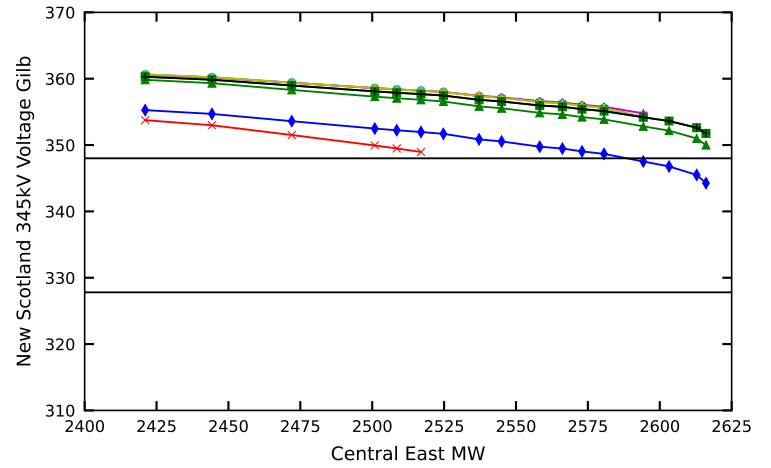
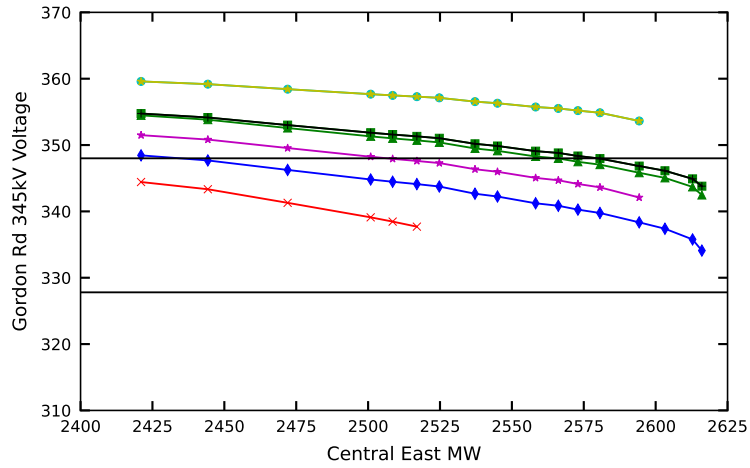
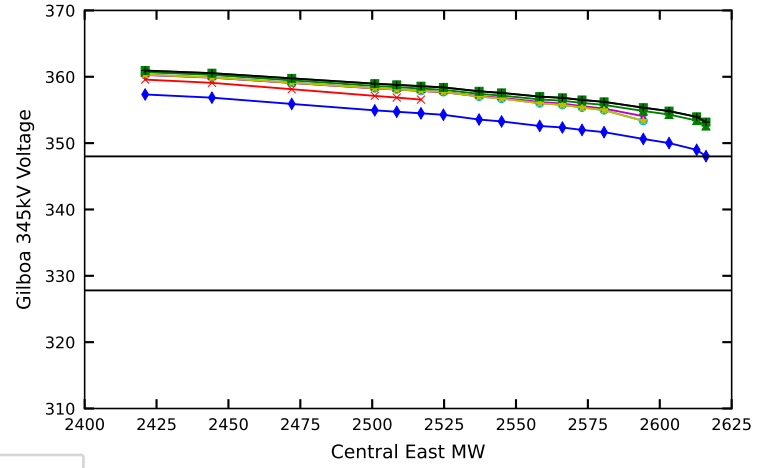
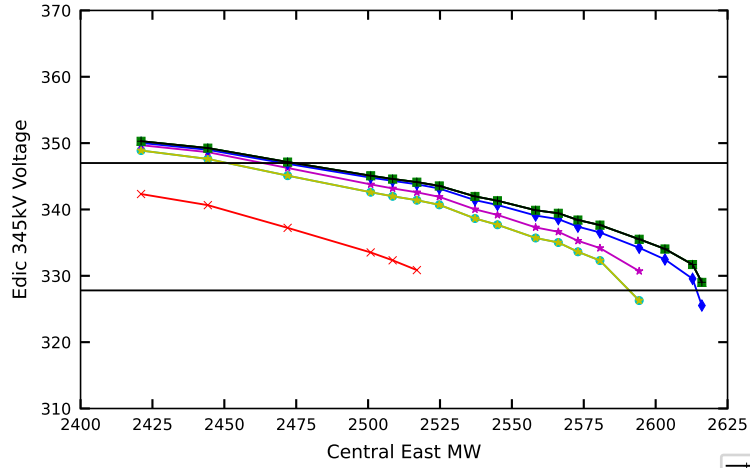
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1: 2023S CEVC PH2 CE1590 MS2270 DE1300 10 18_OS

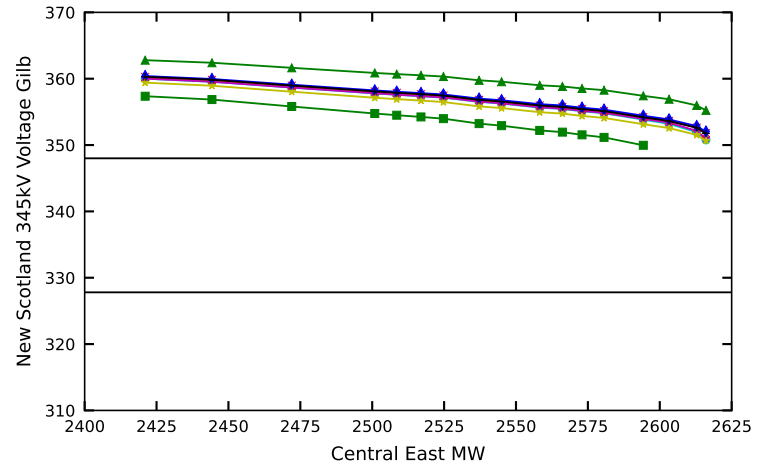
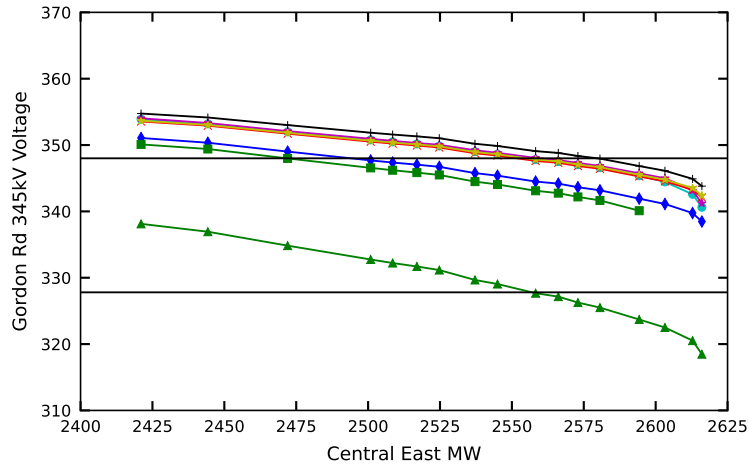
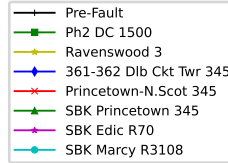
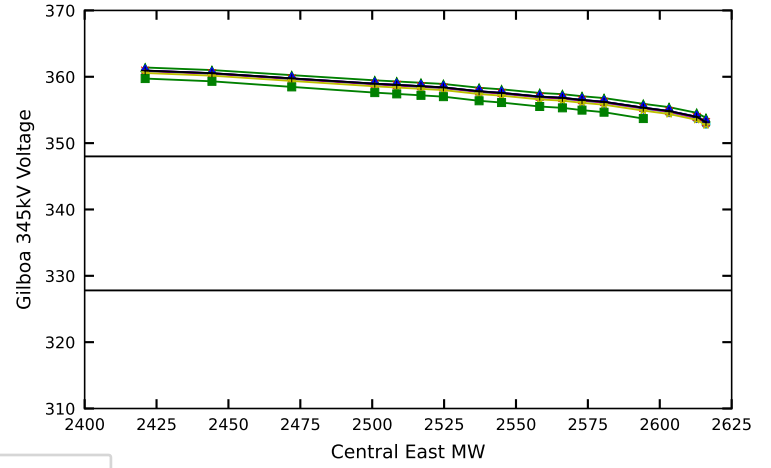
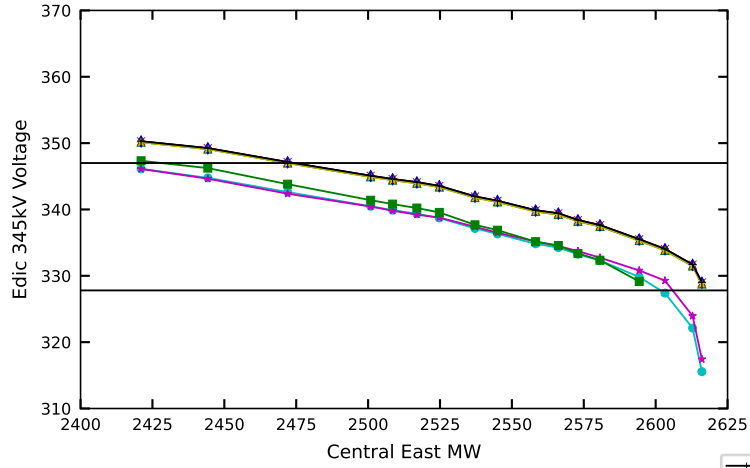
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
95066	Northport 138kV Voltage	Marcy South S.	7303.2	131.1	105.8	65629
>E						
99998	Niagara 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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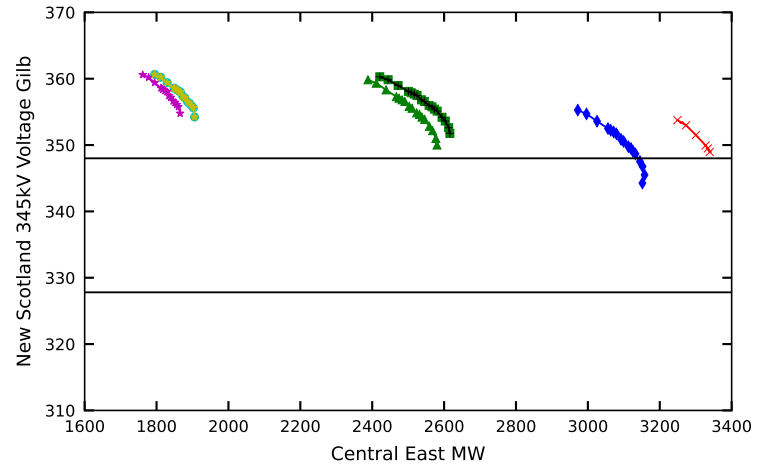
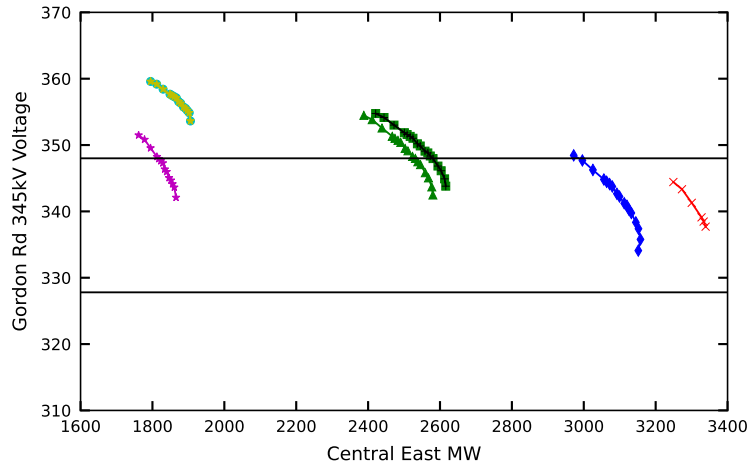
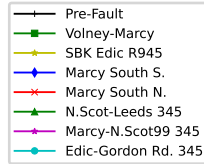
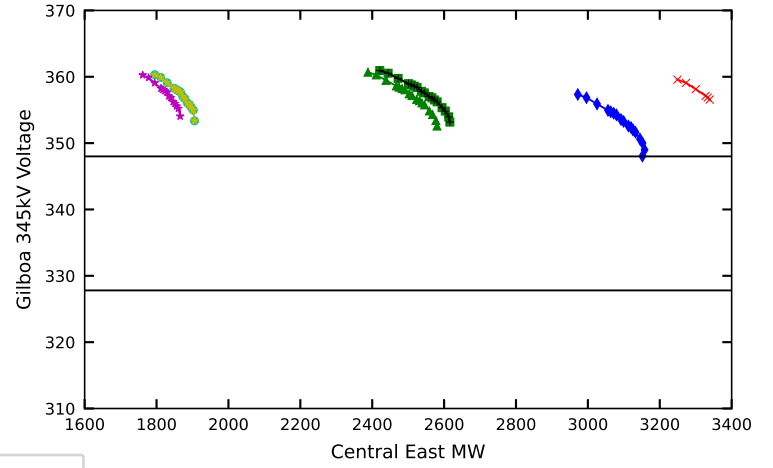
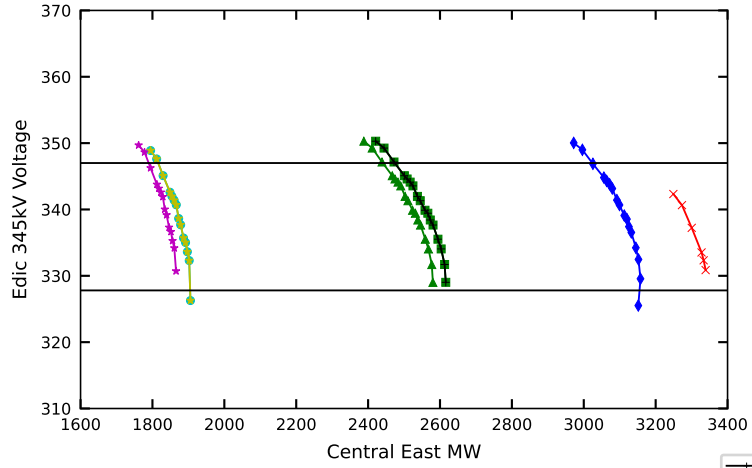
1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 05 Figure 1



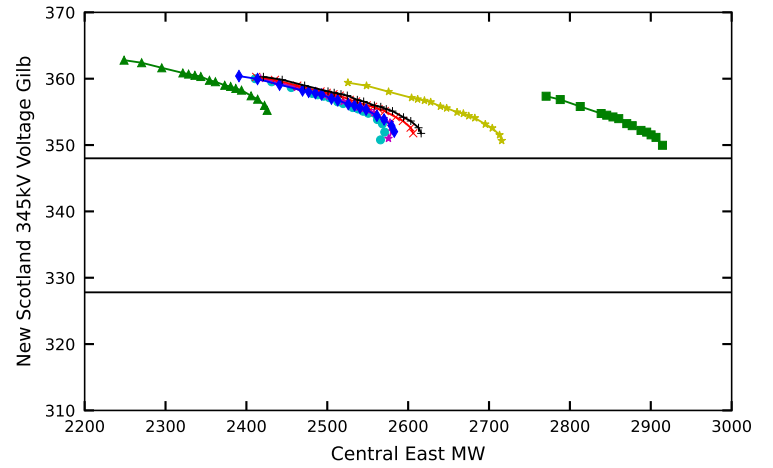
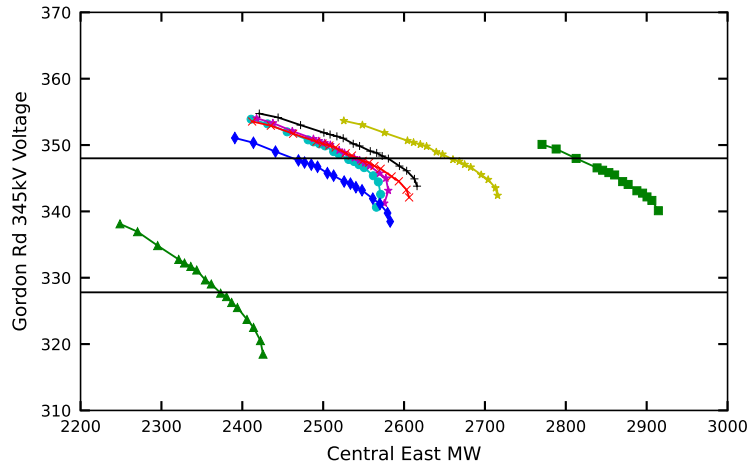
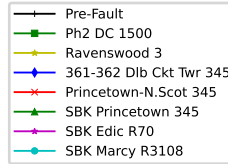
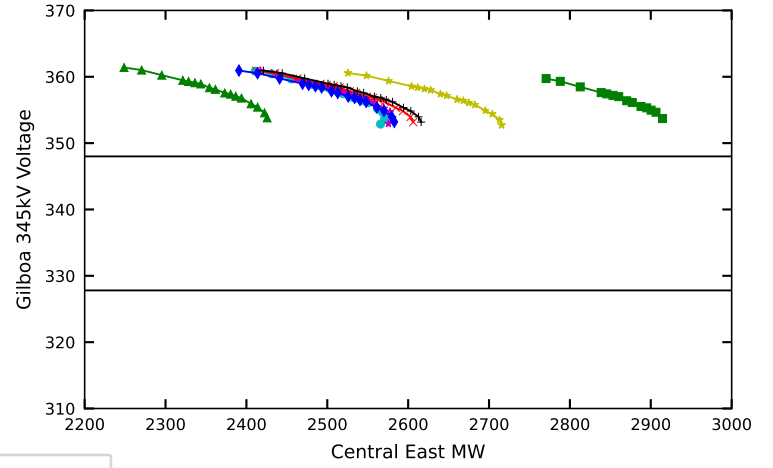
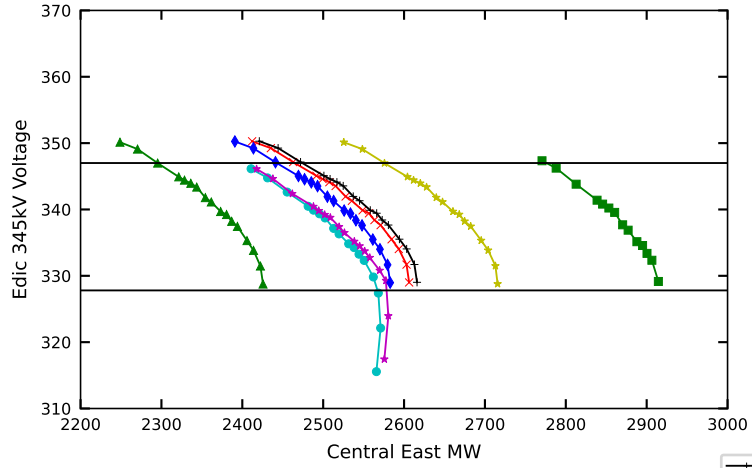
1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 05 Figure 2



1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 05 Figure 1



1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2420 MS2270 DE1300 1O 19 OS

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2421	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2444	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2472	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2500	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2508	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2516	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2524	t7	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2537	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2544	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2558	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2566	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2572	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2580	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2594	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2603	t1	0	2	1	0	2	0	2	0	0	0	0	0	0	0	2
	5															
2612	t1	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	6															
2616	t1	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	7															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\19_OS\Sum2023_CEVC_PH2_10_19_OS.xlsx

1: 2023S CEVC PH2 CE2420 MS2270 DE1300 1O 19 OS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic- Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce02) Marcy- N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
ce03) N.Scot- Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce13) Volney- Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Prinetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Prinetown- N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2391	limit with 5% margin	Marcy South N.	NA	NA	NA	3172
2464	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1810
2464	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1772
2464	limit with 5% margin	SBK Edic R945	NA	NA	NA	1810
2464	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2768
2464	Marcy 345kV Voltage	Pre-Fault	13.2	NA	348	2464
2469	Pannell Road 345kV Voltage	Pre-Fault	26.3	NA	346	2469
2472	Clay 345kV Voltage	Pre-Fault	15.9	NA	345	2472
2474	Station 80 345kV Voltage	Pre-Fault	27.7	NA	346	2474
2474	Edic 345kV Voltage	Pre-Fault	14.0	NA	347	2474
2482	limit with 5% margin	Marcy South S.	NA	NA	NA	2999
2482	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2442
2482	limit with 5% margin	SBK Edic R70	NA	NA	NA	2451
2485	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2451
2485	limit with 5% margin	Volney-Marcy	NA	NA	NA	2485
2485	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2304
2485	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2475
2485	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2453
2485	limit with 5% margin	Ravenswood 3	NA	NA	NA	2579
2522 >E	Clay 345kV Voltage	Marcy South N.	5.5	327.8	342.1	3342
2534 >E	Edic 345kV Voltage	Marcy South N.	5.7	327.8	343.1	3350
2537 >E	Marcy 345kV Voltage	Marcy South N.	5.7	327.8	343.3	3352
2541 >E	Dunwoodie 345kV Voltage	Pre-Fault	19.1	NA	348	2541
2543 >E	Sprain Brook 345kV Voltage	Pre-Fault	19.4	NA	348	2543
2557	Gordon Rd 345kV Voltage	SBK Princetown 345	9.6	327.8	349.2	2372
2579	Gordon Rd 345kV Voltage	Pre-Fault	19.5	NA	348	2579
2585 >E	Oakdale 345kV Voltage	Marcy South N.	5.9	320	341.8	3383
2588	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.2	327.8	335.4	1904
2588	Clay 345kV Voltage	SBK Edic R945	2.2	327.8	335.4	1904
2590	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.3	327.8	336.1	1904
2590	Edic 345kV Voltage	SBK Edic R945	2.3	327.8	336.1	1904
2591	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.3	327.8	336.3	1904
2591	Marcy 345kV Voltage	SBK Edic R945	2.3	327.8	336.3	1904
2599 >E	Clay 345kV Voltage	Ph2 DC 1500	4.4	327.8	334.0	2917
2600 >E	Edic 345kV Voltage	Ph2 DC 1500	4.3	327.8	334.6	2917
2601	Millwood 345kV Voltage	Pre-Fault	51.8	NA	348	2601
2601	Edic 345kV Voltage	SBK Marcy R3108	3.7	327.8	334.3	2567
2602 >E	Marcy 345kV Voltage	Ph2 DC 1500	4.3	327.8	334.5	2919
2603 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	333.5	1868
2604	Clay 345kV Voltage	SBK Marcy R3108	1.6	327.8	333.2	2568

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2604 >E	Pannell Road 345kV Voltage	Marcy South N.	11.2	327.8	344.0	3396
2605 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	333.7	1869
2605	Edic 345kV Voltage	SBK Edic R70	1.8	327.8	333.4	2578
2607	Clay 345kV Voltage	SBK Edic R70	1.6	327.8	332.5	2578
2609 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	333.4	1871
2615	Oakdale 345kV Voltage	Pre-Fault	1.4	NA	335	2615
2615	Clay 345kV Voltage	Ravenswood 3	0.9	327.8	328.7	2714
2615	Clay 345kV Voltage	SBK Princetown 345	0.9	327.8	328.6	2424
2615	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	1.0	327.8	327.9	2582
2615	Clay 345kV Voltage	N.Scot-Leeds 345	1.0	327.8	327.9	2580
2616	Clay 345kV Voltage	Princetown-N.Scot 345	1.0	327.8	327.8	2606
2616 >E	Clay 345kV Voltage	Volney-Marcy	1.0	327.8	327.8	2616
2617 >E	Edic 345kV Voltage	SBK Princetown 345	1.2	327.8	328.1	2426
2617 >E	Edic 345kV Voltage	Ravenswood 3	1.2	327.8	328.0	2716
2617 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	1.2	327.8	327.9	2584
2617 >E	Edic 345kV Voltage	Princetown-N.Scot 345	1.2	327.8	327.8	2607
2617 >E	Edic 345kV Voltage	N.Scot-Leeds 345	1.2	327.8	327.8	2581
2617 >E	Edic 345kV Voltage	Volney-Marcy	1.2	327.8	327.8	2617
2617 >E	Clay 345kV Voltage	Marcy South S.	3.2	327.8	329.9	3160
2617 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	1.2	327.8	327.8	2582
2617 >E	Marcy 345kV Voltage	Volney-Marcy	1.2	327.8	327.8	2617
2617 >E	Marcy 345kV Voltage	SBK Princetown 345	1.2	327.8	327.8	2427
2617 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	1.2	327.8	327.8	2608
2617 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	1.2	327.8	327.8	2584
2617 >E	Marcy 345kV Voltage	Ravenswood 3	1.2	327.8	327.8	2717
2618 >E	Edic 345kV Voltage	Marcy South S.	3.3	327.8	330.3	3161
2620 >E	Marcy 345kV Voltage	Marcy South S.	3.3	327.8	330.1	3162
2621 >E	Pannell Road 345kV Voltage	SBK Edic R945	4.3	327.8	338.5	1912
2621 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	338.5	1912
2623 >E	Oakdale 345kV Voltage	SBK Edic R945	2.6	320	335.2	1913
2623 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.6	320	335.2	1913
2624 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	2.6	327.8	335.1	2574
2624 >E	Pannell Road 345kV Voltage	Ravenswood 3	1.4	327.8	328.9	2723
2625 >E	Pannell Road 345kV Voltage	SBK Princetown 345	1.4	327.8	328.7	2434
2626 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	1.4	327.8	328.0	2593
2626 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	1.4	327.8	327.9	2590
2626 >E	Gordon Rd 345kV Voltage	Marcy South N.	11.1	327.8	347.7	3410

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2626 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	1.5	327.8	327.9	2616
2626 >E	Pannell Road 345kV Voltage	Volney-Marcy	1.5	327.8	327.8	2626
2627 >E	Buchanan North 345kV Voltage	Pre-Fault	15.5	NA	346	2627
2627 >E	Fraser 345kV Voltage	Pre-Fault	1.9	NA	338	2627
2627 >E	Pannell Road 345kV Voltage	SBK Edic R70	2.6	327.8	334.5	2585
2630 >E	Station 80 345kV Voltage	Ravenswood 3	1.6	327.8	329.0	2727
2630 >E	Marcy 345kV Voltage	SBK Marcy R3108	4.1	327.8	327.8	2576
2630 >E	Marcy 345kV Voltage	SBK Edic R70	4.1	327.8	327.8	2586
2630 >E	New Scotland 345kV Voltage Alps	Pre-Fault	3.8	NA	348	2630
2630 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	3.8	NA	348	2630
2630 >E	Station 80 345kV Voltage	SBK Princetown 345	1.6	327.8	328.7	2440
2631 >E	St.Lawrence 230kV Voltage	Pre-Fault	5.4	NA	225	2631
2631 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	1.7	327.8	328.0	2598
2632 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	1.7	327.8	327.9	2595
2632 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	1.7	327.8	327.9	2622
2632 >E	Station 80 345kV Voltage	Volney-Marcy	1.7	327.8	327.8	2632
2632 >E	Oakdale 345kV Voltage	Ravenswood 3	1.3	320	321.9	2729
2633 >E	Oakdale 345kV Voltage	SBK Princetown 345	1.3	320	321.8	2442
2635 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	1.3	320	320.3	2601
2635 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	1.4	320	320.3	2598
2635 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	1.4	320	320.1	2625
2635 >E	Oakdale 345kV Voltage	Volney-Marcy	1.4	320	320.0	2635
2636 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.2	327.8	335.8	2577
2637 >E	Gilboa 345kV Voltage	Pre-Fault	4.1	NA	348	2637
2640 >E	Station 80 345kV Voltage	SBK Edic R70	3.3	327.8	335.3	2589
2640 >E	Coopers Corners 345kV Voltage	Pre-Fault	3.1	NA	338	2640
2643 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	2.5	327.8	334.6	2609
2643 >E	Station 80 345kV Voltage	SBK Edic R945	5.7	327.8	339.9	1918
2644 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.7	327.8	339.9	1918
2646 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.6	320	329.4	2580
2646 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	1.9	327.8	327.8	2609
2646 >E	Fraser 345kV Voltage	Ravenswood 3	1.9	327.8	327.8	2741
2646 >E	Fraser 345kV Voltage	Volney-Marcy	1.9	327.8	327.8	2646
2646 >E	Fraser 345kV Voltage	SBK Princetown 345	1.9	327.8	327.8	2456
2646 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	1.9	327.8	327.8	2637
2646 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	1.9	327.8	327.8	2613
2647 >E	Rock Tavern 345kV Voltage	Pre-Fault	9.0	NA	348	2647

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2649 >E	Oakdale 345kV Voltage	SBK Edic R70	2.7	320	328.6	2592
2651 >E	Pannell Road 345kV Voltage	Marcy South S.	4.7	327.8	330.4	3179
2651 >E	Fraser 345kV Voltage	SBK Edic R945	3.4	327.8	341.2	1920
2651 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	341.2	1920
2652 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.1	320	330.4	1886
2652 >E	Pleasant Valley 345kV Voltage	Pre-Fault	11.9	NA	348	2652
2654 >E	Somerset 345kV Voltage	Pre-Fault	3.3	NA	338	2654
2654 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	2.6	327.8	330.6	2617
2656 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	2.8	327.8	330.2	2646
2657 >E	Gordon Rd 345kV Voltage	Ravenswood 3	2.9	327.8	329.6	2750
2660 >E	Gordon Rd 345kV Voltage	Marcy South S.	6.0	327.8	338.9	3185
2662 >E	Coopers Corners 345kV Voltage	Ravenswood 3	3.0	327.8	330.9	2754
2663 >E	Gordon Rd 345kV Voltage	Volney-Marcy	2.9	327.8	327.8	2663
2663 >E	St.Lawrence 230kV Voltage	Ravenswood 3	5.3	218.5	219.1	2755
2663 >E	Ramapo 500kV Voltage	Ravenswood 3	12.5	500	505.2	2755
2664 >E	Coopers Corners 345kV Voltage	SBK Edic R945	4.9	327.8	341.6	1923
2664 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.9	327.8	341.6	1923
2665 >E	Buchanan South 345kV Voltage	Pre-Fault	15.5	NA	346	2665
2665 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.7	320	328.1	2956
2667 >E	St.Lawrence 230kV Voltage	Volney-Marcy	5.4	218.5	218.5	2667
2667 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	5.4	218.5	218.5	2657
2667 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	5.4	218.5	218.5	2633
2667 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	5.4	218.5	218.5	2629
2667 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	5.4	218.5	218.4	2477
2668 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	3.1	327.8	329.1	2478
2668 >E	Station 80 345kV Voltage	Marcy South N.	15.4	327.8	346.3	3438
2670 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	3.1	327.8	328.3	2632
2671 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	3.1	327.8	328.0	2638
2672 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	3.1	327.8	327.9	2662
2672 >E	Coopers Corners 345kV Voltage	Volney-Marcy	3.1	327.8	327.8	2672
2673 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	9.6	327.8	336.0	2960
2674 >E	Station 80 345kV Voltage	Marcy South S.	6.0	327.8	330.6	3193
2679 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	9.7	327.8	335.8	1895
2681 >E	Somerset 345kV Voltage	Ravenswood 3	3.1	327.8	329.9	2769
2681 >E	Oakdale 345kV Voltage	Marcy South S.	4.2	320	321.8	3197
2682 >E	Somerset 345kV Voltage	SBK Princetown 345	3.1	327.8	329.4	2492
2686 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	3.3	327.8	328.1	2653
2687 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	328.0	2648

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2687 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	3.3	327.8	327.9	2677
2687 >E	Somerset 345kV Voltage	Volney-Marcy	3.3	327.8	327.8	2687
2688 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	3.3	327.8	332.7	2649
2688 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	3.3	327.8	332.7	2649
2688 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	5.1	327.8	335.3	2593
2692 >E	Gordon Rd 345kV Voltage	SBK Edic R70	5.2	327.8	334.8	2605
2692 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.1	327.8	335.8	1900
2692 >E	Ramapo 345kV Voltage	Pre-Fault	14.4	NA	346	2692
2697 >E	St.Lawrence 230kV Voltage	SBK Edic R945	10.5	218.5	225.3	1931
2697 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	10.5	218.5	225.3	1931
2701 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	3.7	327.8	329.4	2786
2701 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	3.7	327.8	329.4	2786
2702 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.8	327.8	337.9	2977
2703 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	337.5	1904
2704 >E	Niagara 230kV East Voltage	Marcy South N.	13.7	218.5	224.7	3461
2704 >E	Niagara 230kV West Voltage	Marcy South N.	13.7	218.5	224.7	3461
2705 >E	Niagara 230kV East Voltage	Pre-Fault	13.6	NA	225	2705
2705 >E	Niagara 230kV West Voltage	Pre-Fault	13.6	NA	225	2705
2707 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	3.8	327.8	327.8	2707
2707 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	3.8	327.8	327.8	2707
2707 >E	Leeds 345kV Voltage	Pre-Fault	7.8	NA	345	2707
2707 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	3.8	327.8	327.7	2697
2707 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	3.8	327.8	327.7	2697
2709 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	3.9	327.8	327.1	2676
2709 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	3.9	327.8	327.1	2676
2712 >E	Ladentown 345kV Voltage	Pre-Fault	14.6	NA	346	2712
2713 >E	Fraser 345kV Voltage	Marcy South S.	5.5	327.8	327.8	3215
2713 >E	Fraser 345kV Voltage	SBK Marcy R3108	5.5	327.8	327.8	2600
2713 >E	Fraser 345kV Voltage	SBK Edic R70	5.5	327.8	327.8	2612
2713 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	329.5	2673
2714 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	10.8	218.5	220.9	2600
2717 >E	Gilboa 345kV Voltage	Ravenswood 3	4.1	327.8	328.5	2800
2720 >E	Gilboa 345kV Voltage	Volney-Marcy	4.1	327.8	327.8	2720
2720 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.8	2710
2721 >E	St.Lawrence 230kV Voltage	SBK Edic R70	11.6	218.5	220.4	2614
2721 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	327.7	2687
2721 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	8.9	327.8	336.4	1910
2726 >E	Gilboa 345kV Voltage	SBK Princetown 345	4.2	327.8	326.3	2536

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2729 >E	Station 80 345kV Voltage	Ph2 DC 1500	13.8	327.8	337.9	2993
2731 >E	Roseton 345kV Voltage	Pre-Fault	13.3	NA	345	2731
2733 >E	St.Lawrence 230kV Voltage	Marcy South S.	11.9	218.5	219.5	3227
2734 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	4.3	327.8	320.5	2544
2734 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	4.3	327.8	320.5	2544
2737 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	14.7	500	500.4	2696
2738 >E	Ramapo 500kV Voltage	SBK Princetown 345	14.9	500	500.3	2547
2740 >E	Somerset 345kV Voltage	SBK Marcy R3108	6.2	327.8	341.5	2608
2740 >E	Niagara 230kV East Voltage	SBK Edic R945	11.4	218.5	222.7	1942
2740 >E	Niagara 230kV West Voltage	SBK Edic R945	11.4	218.5	222.7	1942
2741 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	11.4	218.5	222.7	1942
2741 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	11.4	218.5	222.7	1942
2741 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	15.1	500	500.1	2708
2742 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	15.2	500	500.0	2732
2743 >E	Ramapo 500kV Voltage	Pre-Fault	15.2	NA	500	2743
2743 >E	Ramapo 500kV Voltage	Volney-Marcy	15.2	500	500.0	2743
2743 >E	Niagara 345kV Voltage	Pre-Fault	6.6	NA	338	2743
2745 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	14.0	327.8	337.5	1919
2745 >E	New Scotland 345kV Voltage Alps	Marcy South S.	7.5	327.8	338.6	3234
2745 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	7.5	327.8	338.6	3234
2747 >E	Somerset 345kV Voltage	SBK Edic R70	6.4	327.8	341.0	2623
2750 >E	Bowline 1 345kV Voltage	Pre-Fault	14.6	NA	345	2750
2753 >E	Fraser 345kV Voltage	Ph2 DC 1500	7.6	327.8	327.8	3008
2754 >E	Ramapo 500kV Voltage	Ph2 DC 1500	35.7	500	504.9	3008
2756 >E	Bowline 2 345kV Voltage	Pre-Fault	14.6	NA	345	2756
2758 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	17.4	218.5	222.7	3010
2761 >E	Niagara 230kV East Voltage	Ph2 DC 1500	13.2	218.5	221.4	3012
2761 >E	Niagara 230kV West Voltage	Ph2 DC 1500	13.2	218.5	221.4	3012
2766 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	8.7	327.8	331.0	3015
2769 >E	Coopers Corners 345kV Voltage	SBK Edic R70	8.0	327.8	326.6	2630
2770 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	8.0	327.8	326.5	2617
2772 >E	Niagara 230kV East Voltage	Ravenswood 3	12.2	218.5	220.1	2845
2772 >E	Niagara 230kV West Voltage	Ravenswood 3	12.2	218.5	220.1	2845
2776 >E	Ramapo 500kV Voltage	SBK Edic R945	25.0	500	504.4	1952
2776 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	13.9	218.5	220.4	1930
2776 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	13.9	218.5	220.4	1930
2777 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	25.0	500	504.4	1951
2777 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	17.1	218.5	221.9	1931
2777 >E	Niagara 230kV East Voltage	SBK Princetown 345	12.5	218.5	219.7	2587
2777 >E	Niagara 230kV West Voltage	SBK Princetown 345	12.5	218.5	219.7	2587

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2781 >E	Rock Tavern 345kV Voltage	Ravenswood 3	8.0	327.8	333.1	2853
2790 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	13.4	218.5	218.8	2757
2790 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	13.4	218.5	218.8	2757
2791 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	13.4	218.5	218.7	2747
2791 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	13.4	218.5	218.7	2747
2792 >E	Niagara 345kV Voltage	Ravenswood 3	6.1	327.8	330.6	2861
2793 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	13.5	218.5	218.6	2782
2793 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	13.5	218.5	218.6	2782
2793 >E	Sprain Brook 345kV Voltage	Ravenswood 3	16.3	327.8	335.6	2862
2793 >E	Dunwoodie 345kV Voltage	Ravenswood 3	16.4	327.8	335.6	2862
2794 >E	Niagara 230kV East Voltage	Volney-Marcy	13.6	218.5	218.5	2794
2794 >E	Niagara 230kV West Voltage	Volney-Marcy	13.6	218.5	218.5	2794
2795 >E	Buchanan North 345kV Voltage	Ravenswood 3	13.0	327.8	335.2	2864
2796 >E	Niagara 345kV Voltage	SBK Princetown 345	6.1	327.8	330.0	2606
2798 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	7.7	327.8	333.0	2625
2798 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	7.7	327.8	333.0	2625
2801 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	7.7	327.8	332.8	2640
2801 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	7.7	327.8	332.8	2640
2807 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	6.5	327.8	328.3	2774
2808 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	6.5	327.8	328.2	2764
2810 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	6.6	327.8	327.9	2799
2810 >E	Gilboa 345kV Voltage	SBK Edic R945	8.5	327.8	341.4	1960
2810 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	8.5	327.8	341.4	1960
2810 >E	Niagara 345kV Voltage	Volney-Marcy	6.6	327.8	327.8	2810
2811 >E	Gilboa 345kV Voltage	Marcy South S.	9.4	327.8	336.0	3272
2811 >E	Millwood 345kV Voltage	Ravenswood 3	13.9	327.8	335.3	2877
2814 >E	Gardenville 230kV Voltage	Pre-Fault	12.4	NA	217	2814
2823 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	8.8	327.8	328.4	2778
2826 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	8.9	327.8	328.1	2636
2828 >E	Buchanan South 345kV Voltage	Ravenswood 3	13.2	327.8	335.5	2891
2828 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	9.0	327.8	327.9	2794
2828 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	9.0	327.8	327.8	2818
2829 >E	Rock Tavern 345kV Voltage	Volney-Marcy	9.0	327.8	327.8	2829
2841 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	7.8	327.8	327.8	2831
2841 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	7.8	327.8	327.8	2795
2841 >E	Leeds 345kV Voltage	Volney-Marcy	7.8	327.8	327.8	2841
2841 >E	Leeds 345kV Voltage	SBK Princetown 345	7.8	327.8	327.8	2651

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2841 >E	Leeds 345kV Voltage	Ravenswood 3	7.8	327.8	327.8	2902
2841 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	7.8	327.8	327.8	2808
2844 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	33.6	500	502.7	1954
2845 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	11.2	327.8	331.8	2905
2848 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	11.5	327.8	336.9	3063
2848 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	11.5	327.8	336.9	3063
2850 >E	Ramapo 345kV Voltage	Ravenswood 3	12.1	327.8	335.1	2910
2852 >E	New Scotland 345kV Voltage Alps	Marcy South N.	15.8	327.8	349.3	3558
2852 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	15.8	327.8	349.3	3558
2858 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	10.0	327.8	336.2	1972
2858 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	10.0	327.8	336.2	1972
2859 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	10.0	327.8	336.1	1972
2859 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	10.0	327.8	336.1	1972
2864 >E	Ladentown 345kV Voltage	Ravenswood 3	12.3	327.8	335.6	2921
2867 >E	Somerset 345kV Voltage	Marcy South S.	11.6	327.8	332.6	3305
2874 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	11.2	327.8	329.4	2826
2876 >E	Rock Tavern 345kV Voltage	SBK Edic R945	12.4	327.8	336.7	1977
2876 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	12.4	327.8	336.7	1976
2878 >E	Gordon Rd 345kV Voltage	SBK Edic R945	11.0	327.8	323.4	1977
2878 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	11.0	327.8	323.4	1977
2879 >E	Gilboa 345kV Voltage	SBK Marcy R3108	10.3	327.8	329.8	2649
2880 >E	Gilboa 345kV Voltage	SBK Edic R70	10.3	327.8	329.7	2665
2882 >E	Bowline 1 345kV Voltage	Ravenswood 3	12.2	327.8	335.9	2936
2888 >E	Bowline 2 345kV Voltage	Ravenswood 3	12.2	327.8	336.0	2941
2892 >E	St.Lawrence 230kV Voltage	Marcy South N.	31.6	218.5	228.6	3584
2892 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	11.9	327.8	327.8	2892
2892 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	11.9	327.8	327.8	2882
2894 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	11.9	327.8	327.6	2861
2895 >E	Dunwoodie 345kV Voltage	SBK Edic R945	17.1	327.8	329.5	1982
2895 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	17.1	327.8	329.5	1981
2896 >E	Watercure 230kV Voltage	SBK Edic R945	13.7	207	235.8	1982
2897 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	13.7	207	235.8	1982
2897 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	15.0	327.8	328.6	2849
2899 >E	Sprain Brook 345kV Voltage	SBK Edic R945	17.3	327.8	329.6	1983
2899 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	17.3	327.8	329.6	1982
2902 >E	Roseton 345kV Voltage	Ravenswood 3	12.3	327.8	332.2	2953
2903 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	11.8	327.8	335.4	1975
2906 >E	Gardenville 230kV Voltage	Ravenswood 3	11.2	207	209.6	2956
2909 >E	Gardenville 230kV Voltage	SBK Princetown 345	11.3	207	209.4	2719

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2909 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	12.3	327.8	326.4	2719
2909 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	15.5	327.8	327.8	2899
2910 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	15.5	327.8	327.8	2876
2910 >E	Buchanan North 345kV Voltage	Volney-Marcy	15.5	327.8	327.8	2910
2912 >E	Buchanan North 345kV Voltage	SBK Princetown 345	15.6	327.8	327.6	2722
2915 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	17.9	327.8	328.5	3102
2916 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	15.3	327.8	328.8	2867
2919 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	18.1	327.8	328.6	3105
2926 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	18.4	327.8	328.7	2877
2927 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	18.5	327.8	328.7	2878
2928 >E	Niagara 230kV East Voltage	SBK Marcy R3108	24.6	218.5	227.0	2663
2928 >E	Niagara 230kV West Voltage	SBK Marcy R3108	24.6	218.5	227.0	2663
2929 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	18.8	327.8	327.7	1985
2931 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	14.8	327.8	328.8	2881
2932 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	12.1	207	207.5	2898
2932 >E	Millwood 345kV Voltage	Volney-Marcy	16.1	327.8	327.8	2932
2932 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	16.1	327.8	327.8	2922
2932 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	12.2	207	207.5	2882
2934 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	16.1	327.8	327.7	2900
2934 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	19.0	327.8	327.8	1987
2936 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	12.3	207	207.2	2926
2938 >E	Gardenville 230kV Voltage	Volney-Marcy	12.4	207	207.0	2938
2943 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	14.0	327.8	328.6	2893
2943 >E	Sprain Brook 345kV Voltage	Volney-Marcy	19.3	327.8	327.8	2943
2943 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	19.3	327.8	327.8	2933
2943 >E	Millwood 345kV Voltage	SBK Princetown 345	16.4	327.8	327.1	2753
2944 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	19.5	327.8	327.8	2934
2944 >E	Dunwoodie 345kV Voltage	Volney-Marcy	19.5	327.8	327.8	2944
2945 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	19.3	327.8	327.7	2911
2946 >E	Niagara 230kV East Voltage	SBK Edic R70	25.8	218.5	226.7	2686
2946 >E	Niagara 230kV West Voltage	SBK Edic R70	25.8	218.5	226.7	2686
2946 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	19.5	327.8	327.7	2912
2946 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	15.5	327.8	327.8	2936
2947 >E	Buchanan South 345kV Voltage	Volney-Marcy	15.5	327.8	327.8	2947
2947 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	12.9	327.8	328.8	2897
2947 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr	15.5	327.8	327.7	2914

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2949 >E	Ramapo 500kV Voltage	SBK Edic R70	39.3	500	500.3	2687
2949 >E	Buchanan North 345kV Voltage	SBK Edic R945	18.8	327.8	332.6	1995
2949 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	18.8	327.8	332.6	1995
2949 >E	Ramapo 500kV Voltage	SBK Marcy R3108	39.4	500	500.3	2669
2954 >E	Buchanan South 345kV Voltage	SBK Princetown 345	15.7	327.8	327.3	2764
2955 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	14.4	327.8	327.8	2921
2955 >E	Ramapo 345kV Voltage	SBK Princetown 345	14.4	327.8	327.8	2765
2955 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	14.4	327.8	327.8	2944
2955 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	19.6	327.8	327.2	2765
2955 >E	Ramapo 345kV Voltage	Volney-Marcy	14.4	327.8	327.8	2955
2957 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	19.8	327.8	327.2	2767
2960 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	13.3	327.8	327.8	2950
2961 >E	Roseton 345kV Voltage	Volney-Marcy	13.3	327.8	327.8	2961
2961 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	13.3	327.8	327.8	2927
2962 >E	Gilboa 345kV Voltage	Ph2 DC 1500	14.2	327.8	331.6	3130
2964 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	14.1	327.8	328.8	2912
2964 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	15.9	327.8	331.8	1997
2965 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	13.7	327.8	328.9	1997
2965 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	13.7	327.8	328.9	1997
2965 >E	Niagara 345kV Voltage	SBK Marcy R3108	12.1	327.8	345.9	2674
2967 >E	Roseton 345kV Voltage	SBK Princetown 345	13.5	327.8	327.3	2777
2969 >E	Millwood 345kV Voltage	SBK Edic R945	18.4	327.8	330.8	2000
2969 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	18.4	327.8	330.8	2000
2977 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	14.6	327.8	327.8	2967
2978 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	14.6	327.8	327.8	2944
2978 >E	Ladentown 345kV Voltage	Volney-Marcy	14.6	327.8	327.8	2978
2980 >E	Ladentown 345kV Voltage	SBK Princetown 345	14.6	327.8	327.7	2790
2982 >E	Niagara 345kV Voltage	SBK Edic R70	12.6	327.8	345.4	2697
2985 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	14.1	327.8	328.8	2933
2992 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	14.0	327.8	328.8	2939
2996 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	21.3	327.8	330.6	3150
2996 >E	Somerset 345kV Voltage	SBK Edic R945	19.1	327.8	363.5	2007
2998 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	19.1	327.8	363.6	2007
2999 >E	Millwood 345kV Voltage	Ph2 DC 1500	19.7	327.8	329.4	3152
3000 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	14.5	327.8	327.8	2989
3000 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	14.6	327.8	327.8	2966

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1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3000 >E	Bowline 1 345kV Voltage	Volney-Marcy	14.6	327.8	327.8	3000
3002 >E	Bowline 1 345kV Voltage	SBK Princetown 345	14.6	327.8	327.7	2812
3003 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	16.7	327.8	329.6	3154
3004 >E	Buchanan South 345kV Voltage	SBK Edic R945	18.8	327.8	332.4	2009
3004 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	18.8	327.8	332.4	2008
3006 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	14.5	327.8	327.8	2996
3007 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	14.5	327.8	327.8	2973
3007 >E	Bowline 2 345kV Voltage	Volney-Marcy	14.6	327.8	327.8	3007
3009 >E	Bowline 2 345kV Voltage	SBK Princetown 345	14.6	327.8	327.7	2819
3025 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	22.5	327.8	329.4	2019
3027 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	21.0	327.8	328.2	2019
3027 >E	Watercure 230kV Voltage	SBK Marcy R3108	17.4	207	235.8	2692
3031 >E	Leeds 345kV Voltage	Marcy South S.	15.8	327.8	334.8	3400
3046 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	20.7	327.8	330.6	3179
3056 >E	Ramapo 345kV Voltage	SBK Edic R945	19.9	327.8	335.3	2022
3056 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	19.9	327.8	335.3	2022
3069 >E	Watercure 230kV Voltage	SBK Edic R70	18.9	207	236.2	2725
3071 >E	Fraser 345kV Voltage	Marcy South N.	20.1	327.8	327.8	3702
3072 >E	Rock Tavern 345kV Voltage	SBK Edic R70	19.0	327.8	326.2	2726
3075 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	19.1	327.8	326.1	2706
3081 >E	Watercure 230kV Voltage	Marcy South N.	29.6	207	231.8	3708
3081 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	22.1	327.8	329.1	2039
3085 >E	Ladentown 345kV Voltage	SBK Edic R945	19.9	327.8	336.0	2030
3085 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	19.9	327.8	336.0	2029
3120 >E	Bowline 1 345kV Voltage	SBK Edic R945	20.0	327.8	337.2	2039
3120 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	20.0	327.8	337.2	2038
3139 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	22.0	327.8	330.2	2044
3139 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	22.0	327.8	330.2	2043
3141 >E	Bowline 2 345kV Voltage	SBK Edic R945	20.5	327.8	337.8	2044
3142 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	20.5	327.8	337.8	2043
3146 >E	Roseton 345kV Voltage	SBK Edic R945	20.9	327.8	333.2	2045
3146 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	20.9	327.8	333.2	2044
3152 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	23.0	327.8	329.7	3242
3156 >E	Ramapo 345kV Voltage	Ph2 DC 1500	24.1	327.8	331.7	3244
3164 >E	Leeds 345kV Voltage	SBK Marcy R3108	18.8	327.8	327.8	2732
3164 >E	Leeds 345kV Voltage	SBK Edic R70	18.8	327.8	327.8	2755
3170 >E	Ladentown 345kV Voltage	Ph2 DC 1500	23.3	327.8	333.0	3252
3174 >E	Pleasant Valley 345kV Voltage	Marcy South S.	26.8	327.8	330.0	3483
3188 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	25.3	327.8	330.5	2077
3212 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	23.5	327.8	334.1	3277

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1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3221 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	25.1	327.8	331.2	2089
3222 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	25.1	327.8	326.9	2089
3231 >E	Gardenville 230kV Voltage	SBK Marcy R3108	24.1	207	224.9	2752
3234 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	26.3	327.8	327.7	2777
3235 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	26.4	327.8	327.7	2753
3236 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	23.9	327.8	334.8	3291
3244 >E	Roseton 345kV Voltage	Ph2 DC 1500	24.4	327.8	329.5	3296
3249 >E	Niagara 230kV East Voltage	Marcy South S.	48.6	218.5	222.0	3526
3249 >E	Niagara 230kV West Voltage	Marcy South S.	48.6	218.5	222.0	3526
3254 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	24.8	327.8	329.1	2101
3263 >E	Gardenville 230kV Voltage	SBK Edic R70	25.2	207	224.5	2786
3267 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	25.4	327.8	332.2	2105
3302 >E	Niagara 345kV Voltage	Marcy South S.	23.2	327.8	334.5	3557
3306 >E	Gardenville 230kV Voltage	SBK Edic R945	28.1	207	228.6	2086
3307 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	28.2	207	228.6	2085
3313 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	26.6	327.8	332.3	2122
3315 >E	Gilboa 345kV Voltage	Marcy South N.	27.8	327.8	339.8	3861
3317 >E	Buchanan North 345kV Voltage	SBK Edic R70	36.6	327.8	326.3	2803
3322 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	36.9	327.8	326.2	2778
3327 >E	Millwood 345kV Voltage	SBK Edic R70	35.8	327.8	326.3	2807
3329 >E	Dunwoodie 345kV Voltage	SBK Edic R70	41.8	327.8	326.4	2807
3329 >E	Sprain Brook 345kV Voltage	SBK Edic R70	41.6	327.8	326.4	2807
3333 >E	Millwood 345kV Voltage	SBK Marcy R3108	36.1	327.8	326.1	2781
3335 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	42.1	327.8	326.2	2782
3335 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	41.9	327.8	326.2	2782
3355 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	25.3	327.8	327.8	2136
3355 >E	Leeds 345kV Voltage	SBK Edic R945	25.3	327.8	327.8	2098
3355 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	25.3	327.8	327.8	2097
3355 >E	Leeds 345kV Voltage	Ph2 DC 1500	25.3	327.8	327.8	3361
3358 >E	Ramapo 500kV Voltage	Marcy South S.	87.3	500	490.3	3589
3365 >E	Roseton 345kV Voltage	SBK Edic R70	28.7	327.8	326.8	2818
3368 >E	Roseton 345kV Voltage	SBK Marcy R3108	28.8	327.8	326.6	2792
3393 >E	Buchanan South 345kV Voltage	SBK Edic R70	36.0	327.8	326.0	2828
3400 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	36.3	327.8	325.8	2801
3400 >E	Ramapo 500kV Voltage	Marcy South N.	94.6	500	504.1	3917
3452 >E	Ramapo 345kV Voltage	SBK Edic R70	35.2	327.8	325.7	2846
3453 >E	Rainey 345kV Voltage	Ravenswood 3	40.5	327.8	340.8	3410
3461 >E	Ramapo 345kV Voltage	SBK Marcy R3108	35.6	327.8	325.5	2819
3499 >E	Farragut 345kV Voltage	Ravenswood 3	42.5	327.8	340.0	3448
3540 >E	Ladentown 345kV Voltage	SBK Edic R70	36.9	327.8	325.2	2874
3551 >E	Ladentown 345kV Voltage	SBK Marcy R3108	37.3	327.8	324.9	2845

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1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3582 >E	Dunwoodie 345kV Voltage	Marcy South S.	55.7	327.8	319.8	3719
3589 >E	Millwood 345kV Voltage	Marcy South S.	48.5	327.8	318.5	3723
3593 >E	Sprain Brook 345kV Voltage	Marcy South S.	55.9	327.8	319.5	3725
3600 >E	Bowline 1 345kV Voltage	SBK Edic R70	36.9	327.8	325.0	2893
3611 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	37.3	327.8	324.7	2863
3622 >E	Rainey 345kV Voltage	Pre-Fault	61.2	NA	338	3622
3624 >E	Farragut 345kV Voltage	Pre-Fault	63.3	NA	338	3624
3636 >E	Roseton 345kV Voltage	Marcy South S.	38.4	327.8	317.0	3750
3652 >E	Leeds 345kV Voltage	Marcy South N.	37.5	327.8	345.5	4082
3698 >E	Bowline 2 345kV Voltage	SBK Edic R70	39.9	327.8	323.9	2924
3713 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	40.5	327.8	323.5	2893
3741 >E	Gardenville 230kV Voltage	Marcy South N.	49.1	207	237.6	4140
3812 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	52.5	207	245.7	2299
3862 >E	Buchanan South 345kV Voltage	Marcy South S.	55.4	327.8	312.0	3881
3890 >E	Goethals 345kV Voltage	Ravenswood 3	58.2	327.8	338.9	3773
3909 >E	Gardenville 230kV Voltage	Marcy South S.	50.6	207	215.7	3908
3957 >E	Gardenville 230kV Voltage	Ph2 DC 1500	52.4	207	224.1	3714
3966 >E	Goethals 345kV Voltage	Pre-Fault	86.7	NA	338	3966
4032 >E	Rock Tavern 345kV Voltage	Marcy South S.	46.0	327.8	272.8	3979
4049 >E	Buchanan North 345kV Voltage	Marcy South S.	67.1	327.8	304.9	3989
4084 >E	Coopers Corners 345kV Voltage	Marcy South N.	46.5	327.8	306.1	4364
4093 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	58.3	207	223.2	2400
4106 >E	Coopers Corners 345kV Voltage	Marcy South S.	36.9	327.8	153.1	4022
4166 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	58.3	327.8	329.1	4062
4189 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	60.3	327.8	329.1	4083
4216 >E	Pleasant Valley 345kV Voltage	Marcy South N.	70.3	327.8	340.6	4450
4244 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	61.1	327.8	327.8	4230
4246 >E	Rainey 345kV Voltage	Volney-Marcy	61.2	327.8	327.8	4246
4249 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	61.3	327.8	327.7	4213
4269 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	63.3	327.8	327.8	4255
4270 >E	Farragut 345kV Voltage	Volney-Marcy	63.3	327.8	327.8	4270
4274 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	63.5	327.8	327.7	4237
4280 >E	Rainey 345kV Voltage	SBK Princetown 345	62.2	327.8	327.2	4092
4302 >E	Farragut 345kV Voltage	SBK Princetown 345	64.3	327.8	327.3	4114
4341 >E	Rainey 345kV Voltage	SBK Edic R945	65.0	327.8	331.2	2349
4342 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	65.1	327.8	331.2	2345
4395 >E	Farragut 345kV Voltage	SBK Edic R945	68.4	327.8	331.2	2362
4396 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	68.4	327.8	331.2	2359
4446 >E	Rainey 345kV Voltage	Ph2 DC 1500	68.9	327.8	329.8	4002

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1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4505 >E	Farragut 345kV Voltage	Ph2 DC 1500	72.5	327.8	329.8	4036
4550 >E	Watercure 230kV Voltage	Ravenswood 3	78.3	207	239.5	4320
4564 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	73.1	327.8	328.2	2568
4608 >E	Watercure 230kV Voltage	Ph2 DC 1500	88.1	207	254.4	4097
4630 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	77.1	327.8	328.2	2591
4737 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	82.4	327.8	329.1	4607
4739 >E	Watercure 230kV Voltage	SBK Princetown 345	85.0	207	240.2	4552
4780 >E	Ladentown 345kV Voltage	Marcy South S.	79.4	327.8	288.3	4412
4803 >E	Ramapo 345kV Voltage	Marcy South S.	81.8	327.8	284.2	4426
4848 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	86.6	327.8	327.8	4832
4851 >E	Goethals 345kV Voltage	Volney-Marcy	86.7	327.8	327.8	4851
4856 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	86.9	327.8	327.7	4818
4891 >E	Goethals 345kV Voltage	SBK Princetown 345	88.0	327.8	327.3	4704
4990 >E	Goethals 345kV Voltage	SBK Edic R945	92.4	327.8	331.1	2513
4991 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	92.4	327.8	331.1	2509
5120 >E	Goethals 345kV Voltage	Ph2 DC 1500	97.3	327.8	329.9	4397
5170 >E	Bowline 1 345kV Voltage	Marcy South S.	88.8	327.8	278.2	4638
5185 >E	Bowline 2 345kV Voltage	Marcy South S.	88.1	327.8	281.6	4647
5263 >E	Roseton 345kV Voltage	Marcy South N.	97.2	327.8	336.6	5136
5299 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	104.1	327.8	328.2	2830
5501 >E	Rock Tavern 345kV Voltage	Marcy South N.	100.1	327.8	323.8	5292
5558 >E	Millwood 345kV Voltage	Marcy South N.	140.2	327.8	336.0	5329
5652 >E	Buchanan North 345kV Voltage	Marcy South N.	144.5	327.8	333.0	5391
5886 >E	Buchanan South 345kV Voltage	Marcy South N.	142.7	327.8	335.6	5544
5940 >E	Dunwoodie 345kV Voltage	Marcy South N.	180.9	327.8	334.8	5579
5941 >E	Sprain Brook 345kV Voltage	Marcy South N.	180.0	327.8	334.8	5580
6184 >E	Rainey 345kV Voltage	SBK Edic R70	133.7	327.8	325.5	3712
6212 >E	Rainey 345kV Voltage	SBK Marcy R3108	134.7	327.8	325.3	3624
6237 >E	Farragut 345kV Voltage	SBK Edic R70	138.4	327.8	325.6	3728
6266 >E	Farragut 345kV Voltage	SBK Marcy R3108	139.5	327.8	325.3	3640
6317 >E	Ramapo 345kV Voltage	Marcy South N.	143.1	327.8	332.7	5826
6777 >E	Ladentown 345kV Voltage	Marcy South N.	155.4	327.8	334.4	6127
7039 >E	Northport 138kV Voltage	Pre-Fault	500.8	NA	135	7039
7427 >E	Rainey 345kV Voltage	Marcy South S.	179.4	327.8	315.4	5946
7455 >E	Bowline 1 345kV Voltage	Marcy South N.	171.0	327.8	335.0	6570
7483 >E	Goethals 345kV Voltage	SBK Edic R70	188.6	327.8	325.4	4123
7502 >E	Farragut 345kV Voltage	Marcy South S.	185.9	327.8	315.6	5989
7503 >E	Bowline 2 345kV Voltage	Marcy South N.	170.2	327.8	335.1	6602
7525 >E	Goethals 345kV Voltage	SBK Marcy R3108	190.2	327.8	325.2	4008
8069 >E	Northport 138kV Voltage	Ravenswood 3	437.7	131.1	132.9	7240

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
8703 >E	Northport 138kV Voltage	N.Scot-Leeds 345	478.2	131.1	131.7	8397
8977 >E	Northport 138kV Voltage	Princetown-N.Scot 345	499.6	131.1	131.1	8951
8992 >E	Northport 138kV Voltage	Volney-Marcy	500.8	131.1	131.1	8992
9008 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	502.0	131.1	131.1	8964
9153 >E	Northport 138kV Voltage	SBK Princetown 345	512.9	131.1	130.8	8972
9167 >E	Goethals 345kV Voltage	Marcy South S.	252.9	327.8	315.7	6954
15212 >E	Northport 138kV Voltage	SBK Edic R70	988.7	131.1	130.0	6572
15292 >E	Northport 138kV Voltage	SBK Marcy R3108	995.0	131.1	129.9	6282
18031 >E	Rainey 345kV Voltage	Marcy South N.	569.2	327.8	338.2	13491
18237 >E	Farragut 345kV Voltage	Marcy South N.	588.6	327.8	338.1	13626
18503 >E	Northport 138kV Voltage	Marcy South S.	1247.2	131.1	126.4	12360
24056 >E	Goethals 345kV Voltage	Marcy South N.	821.6	327.8	338.3	17434
86137 >E	Northport 138kV Voltage	Marcy South N.	6573.1	131.1	135.9	58060
99998 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998
99998 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

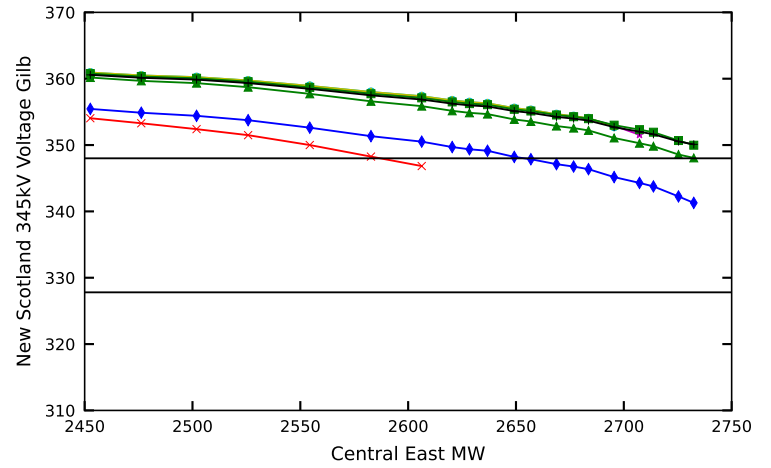
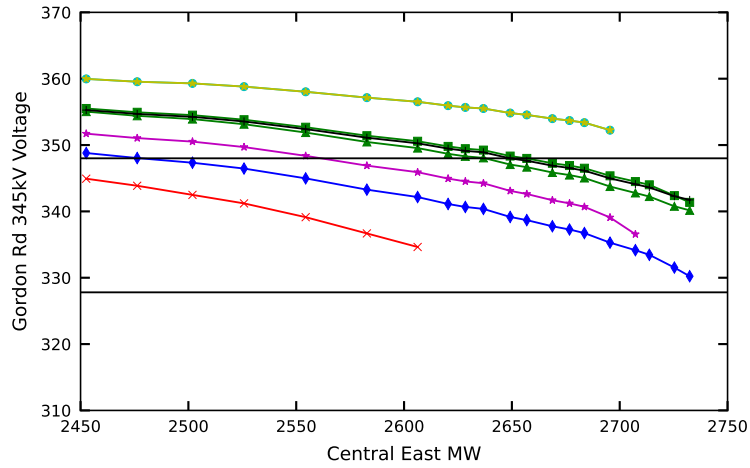
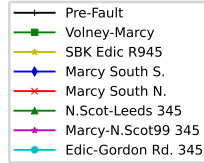
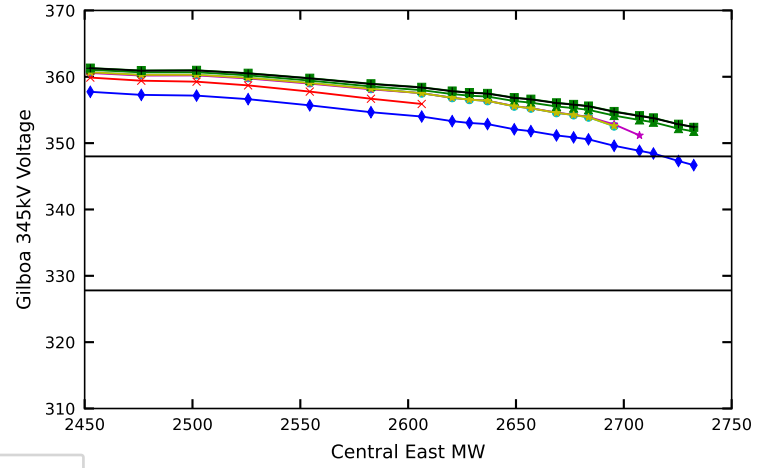
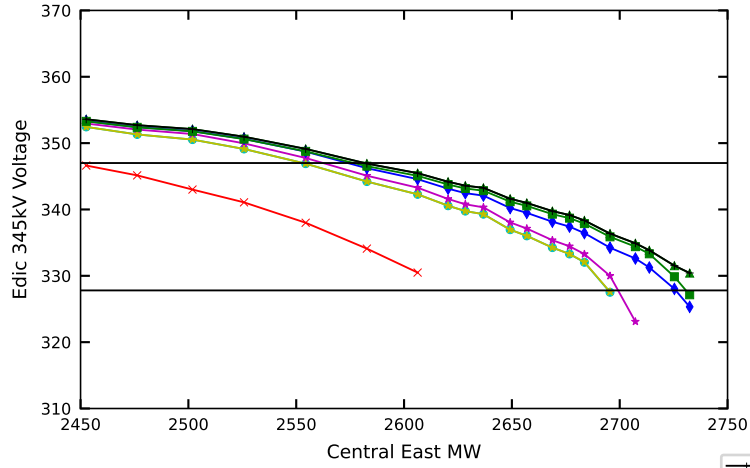
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\19_OS\Sum2023_CEVC_PH2_10_19_OS.xlsx

1: 2023S CEVC PH2 CE2420 MS2270 DE1300 10 19 OS

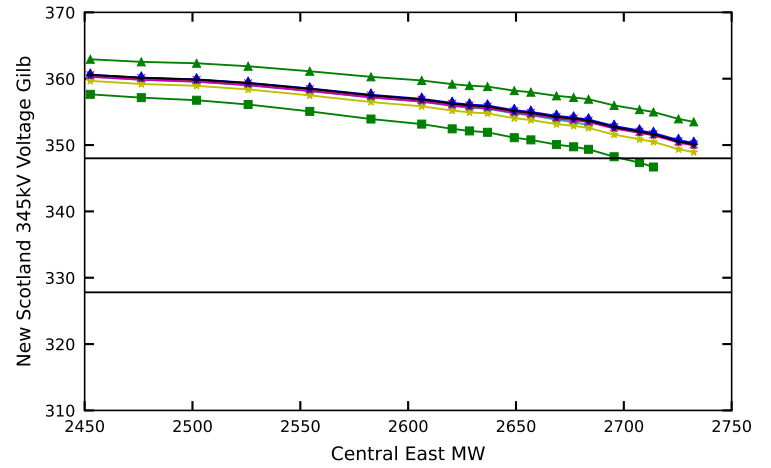
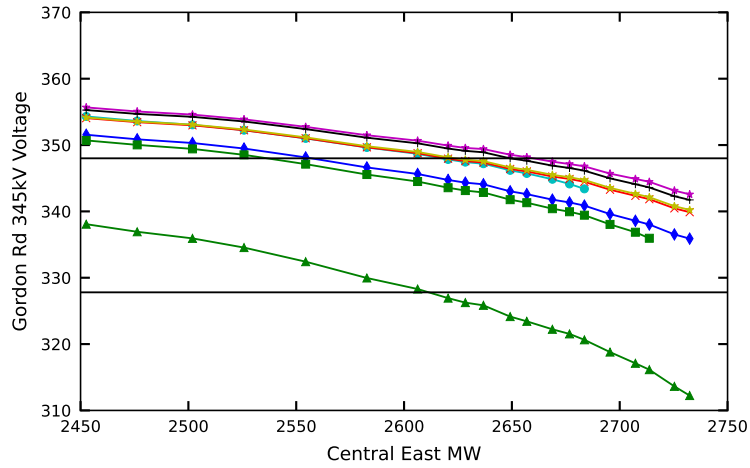
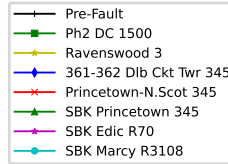
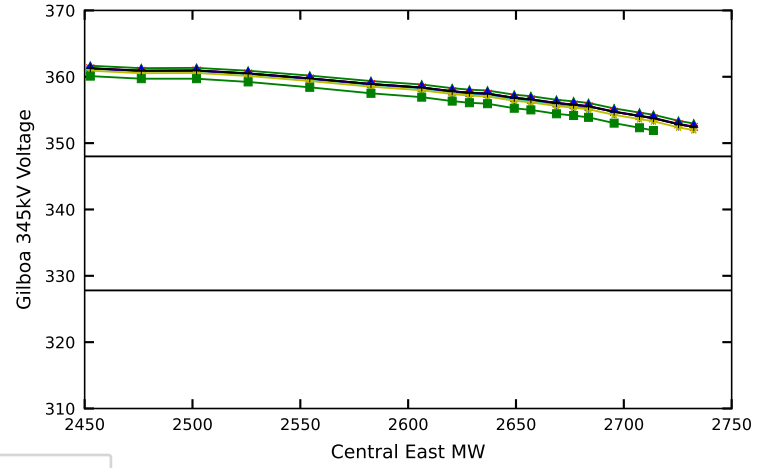
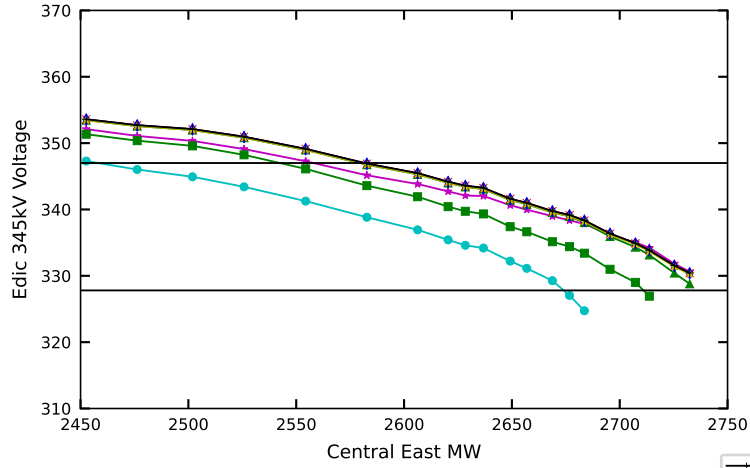
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				<-Post->	<-Pre->	
99998 >E	Somerset 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 D1b Ckt Twr 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

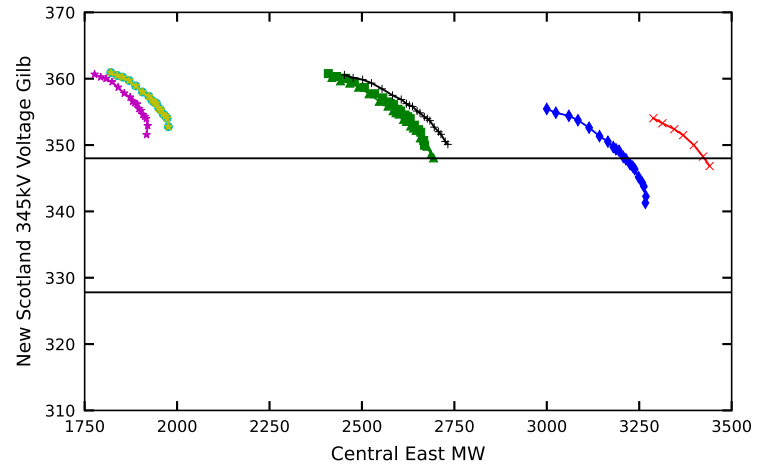
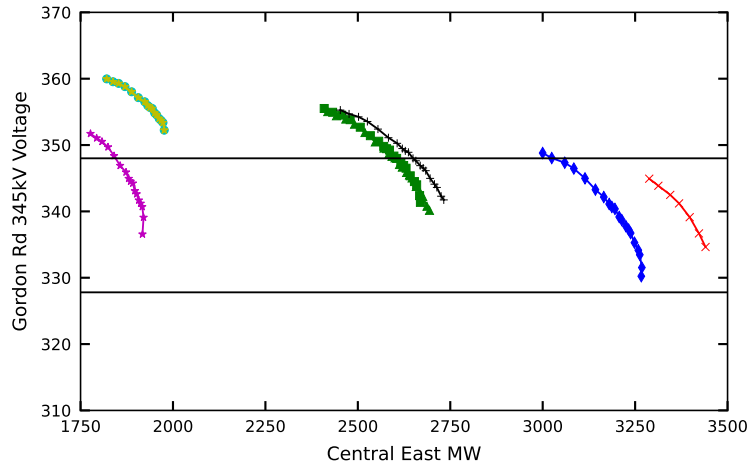
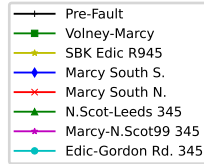
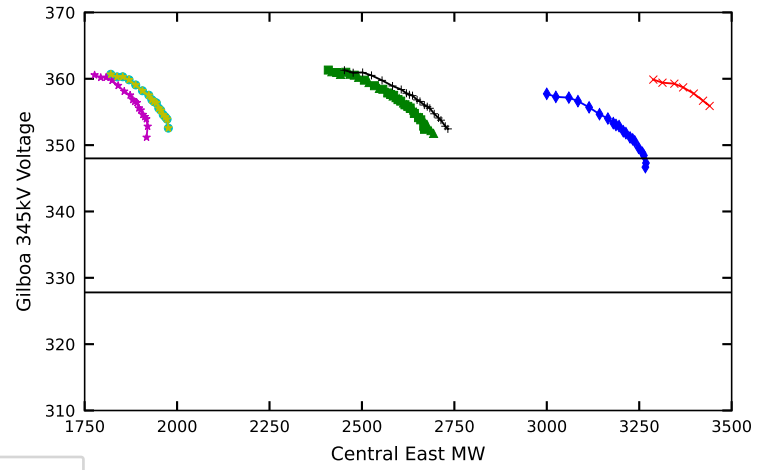
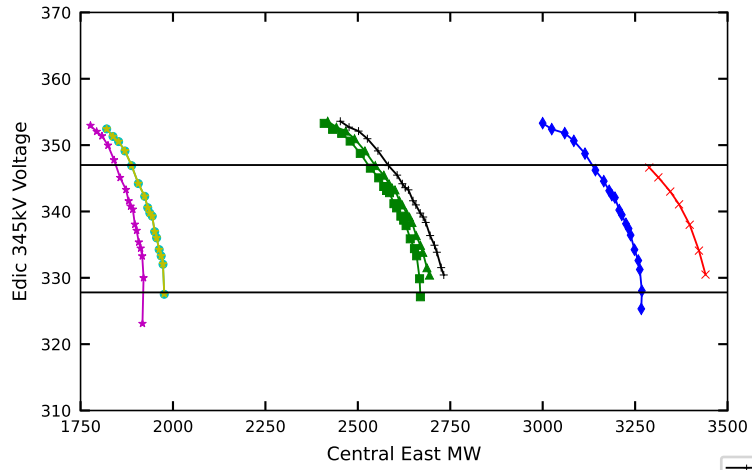
1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_05 Figure 1



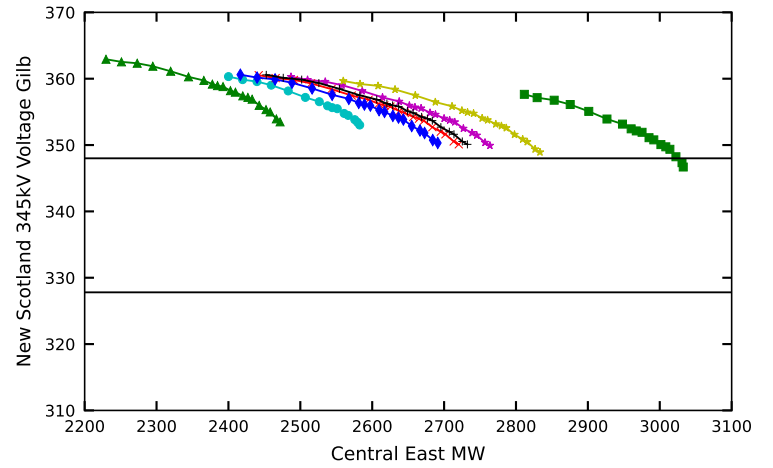
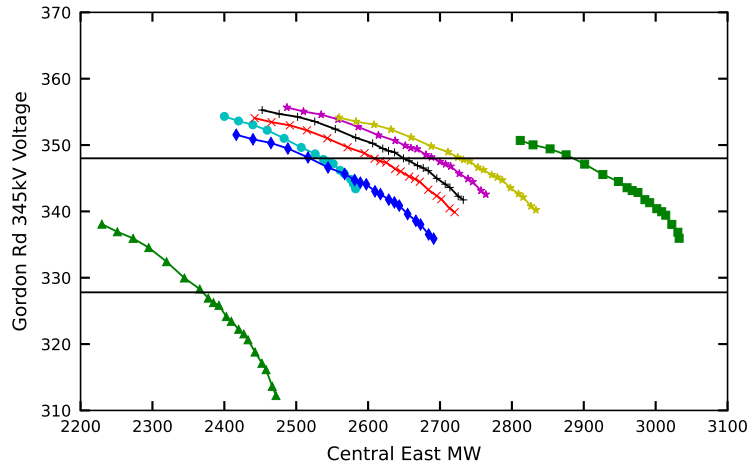
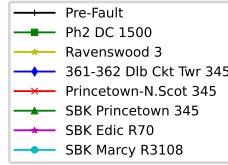
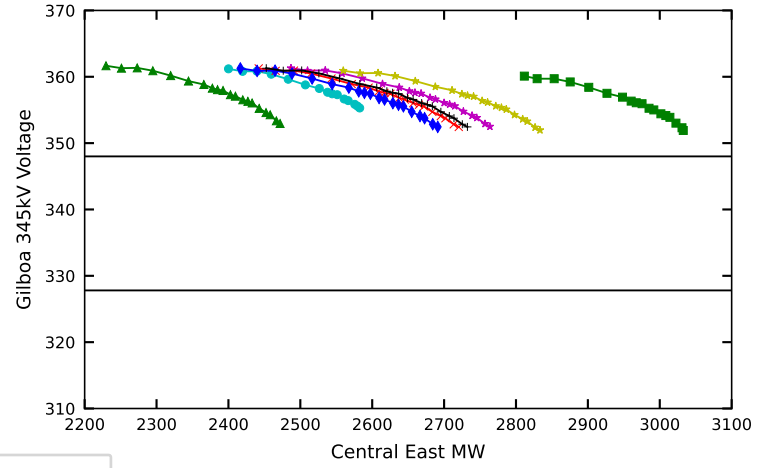
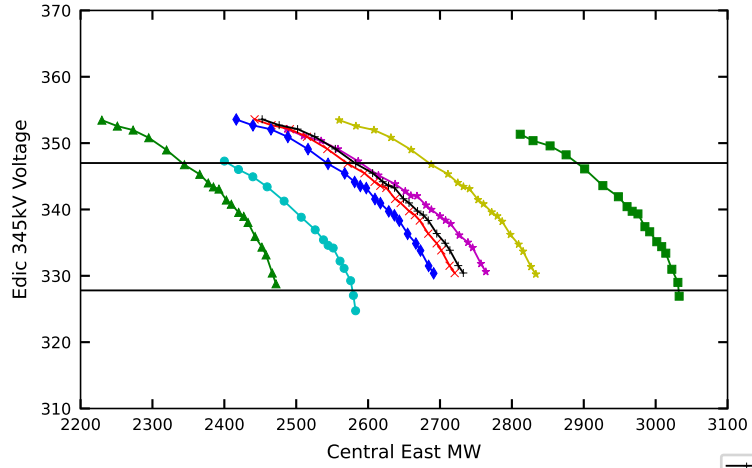
1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_05 Figure 2



1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_05 Figure 1



1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_OS

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2452	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2476	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2501	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2525	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2554	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2582	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2606	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2620	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2628	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2636	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2649	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2656	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2668	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2676	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2683	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2695	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	6															
2707	t1	0	2	0	0	2	0	2	0	2	0	0	0	0	0	0
	7															
2713	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	8															
2725	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	9															
2732	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	0															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\30_OS\Sum2023_CEVC_PH2_10_30_OS.xlsx

1: 2023S CEVC PH2 CE2450 MS2270 DE1300 1O 30_OS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17	t18	t19	t20
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\30_OS\Sum2023_CEVC_PH2_10_30_OS.xlsx

1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2346 <E	Dunwoodie 345kV Voltage	Pre-Fault	104.9	NA	348	2346
2356 <E	Sprain Brook 345kV Voltage	Pre-Fault	105.1	NA	348	2356
2475	limit with 5% margin	Marcy South N.	NA	NA	NA	3268
2549	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2453
2560	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1877
2560	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1824
2560	limit with 5% margin	SBK Edic R945	NA	NA	NA	1877
2570	Marcy 345kV Voltage	Pre-Fault	12.7	NA	348	2570
2578	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2881
2581	Edic 345kV Voltage	Pre-Fault	12.8	NA	347	2581
2589	limit with 5% margin	Marcy South S.	NA	NA	NA	3104
2595	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2559
2595	limit with 5% margin	Volney-Marcy	NA	NA	NA	2535
2595	limit with 5% margin	SBK Edic R70	NA	NA	NA	2625
2595	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2348
2595	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2584
2595	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2556
2595	limit with 5% margin	Ravenswood 3	NA	NA	NA	2691
2601	Pannell Road 345kV Voltage	Pre-Fault	32.5	NA	346	2601
2604	Clay 345kV Voltage	Pre-Fault	18.3	NA	345	2604
2606	Station 80 345kV Voltage	Pre-Fault	11.1	NA	346	2606
2611	Gordon Rd 345kV Voltage	SBK Princetown 345	10.3	327.8	350.0	2370
2620 >E	Clay 345kV Voltage	Marcy South N.	6.9	327.8	344.1	3451
2623 >E	Edic 345kV Voltage	Marcy South N.	6.5	327.8	344.4	3453
2626 >E	Marcy 345kV Voltage	Marcy South N.	6.5	327.8	344.3	3455
2649	Gordon Rd 345kV Voltage	Pre-Fault	13.5	NA	348	2649
2674	Edic 345kV Voltage	SBK Marcy R3108	3.6	327.8	339.4	2578
2675	Clay 345kV Voltage	SBK Marcy R3108	3.1	327.8	339.5	2578
2683	Millwood 345kV Voltage	Pre-Fault	43.2	NA	348	2683
2684 >E	Gordon Rd 345kV Voltage	Marcy South N.	11.5	327.8	347.4	3499
2694	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.6	327.8	336.6	1976
2694	Marcy 345kV Voltage	SBK Edic R945	2.6	327.8	336.6	1976
2694	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.6	327.8	336.5	1976
2694	Edic 345kV Voltage	SBK Edic R945	2.6	327.8	336.5	1976
2697 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	336.7	1976
2697 >E	Clay 345kV Voltage	SBK Edic R945	2.8	327.8	336.7	1976
2703 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	335.1	1922
2704 >E	Pannell Road 345kV Voltage	Marcy South N.	11.6	327.8	342.8	3514
2706 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	334.6	1923
2708 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	335.2	1924

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2711	Edic 345kV Voltage	Ph2 DC 1500	3.1	327.8	334.3	3031
2711	Marcy 345kV Voltage	Ph2 DC 1500	3.1	327.8	334.2	3032
2713 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	5.1	327.8	340.4	2596
2717 >E	Clay 345kV Voltage	Ph2 DC 1500	3.0	327.8	334.4	3033
2722	Clay 345kV Voltage	Volney-Marcy	2.6	327.8	333.3	2664
2723 >E	Oakdale 345kV Voltage	Marcy South N.	9.0	320	345.3	3529
2726 >E	Edic 345kV Voltage	Marcy South S.	3.6	327.8	331.4	3268
2727 >E	Marcy 345kV Voltage	Marcy South S.	3.6	327.8	331.1	3269
2727 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	337.0	1985
2727 >E	Pannell Road 345kV Voltage	SBK Edic R945	4.4	327.8	337.0	1985
2730	Edic 345kV Voltage	Volney-Marcy	2.6	327.8	330.7	2668
2731 >E	Clay 345kV Voltage	Marcy South S.	3.5	327.8	331.4	3271
2732 >E	Marcy 345kV Voltage	Volney-Marcy	2.6	327.8	330.5	2669
2733 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.9	320	335.0	1987
2733 >E	Oakdale 345kV Voltage	SBK Edic R945	2.9	320	335.0	1987
2735 >E	Station 80 345kV Voltage	SBK Marcy R3108	6.3	327.8	340.9	2605
2736 >E	Edic 345kV Voltage	SBK Princetown 345	4.4	327.8	329.7	2475
2737 >E	Marcy 345kV Voltage	SBK Princetown 345	4.4	327.8	329.6	2475
2740 >E	Clay 345kV Voltage	SBK Princetown 345	4.2	327.8	330.4	2477
2744 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	337.0	1990
2744 >E	Oakdale 345kV Voltage	Pre-Fault	7.4	NA	335	2744
2744 >E	Station 80 345kV Voltage	SBK Edic R945	5.3	327.8	336.9	1990
2746 >E	Buchanan North 345kV Voltage	Pre-Fault	59.5	NA	346	2746
2747 >E	Pannell Road 345kV Voltage	Volney-Marcy	3.4	327.8	335.3	2673
2747 >E	Gordon Rd 345kV Voltage	Marcy South S.	6.0	327.8	339.7	3279
2748 >E	Edic 345kV Voltage	Ravenswood 3	6.4	327.8	328.0	2848
2748 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	327.9	2707
2748 >E	Edic 345kV Voltage	SBK Edic R70	5.9	327.8	327.8	2779
2748 >E	Station 80 345kV Voltage	Marcy South N.	13.7	327.8	342.2	3548
2749 >E	Edic 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	327.8	2710
2749 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.6	320	332.1	1936
2749 >E	Edic 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.8	2737
2749 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	334.8	1936
2749 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	327.8	2710
2749 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.8	2737
2749 >E	Marcy 345kV Voltage	Ravenswood 3	6.4	327.8	327.8	2849
2749 >E	Marcy 345kV Voltage	SBK Edic R70	6.4	327.8	327.8	2780
2749 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	327.8	2708
2754 >E	Clay 345kV Voltage	Ravenswood 3	6.4	327.8	328.2	2854

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2754 >E	Clay 345kV Voltage	SBK Edic R70	6.1	327.8	328.2	2784
2756 >E	Clay 345kV Voltage	361-362 D1b Ckt Twr 345	6.4	327.8	327.9	2714
2756 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	5.2	327.8	335.9	3044
2756 >E	Clay 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	327.9	2717
2756 >E	Clay 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.8	2744
2757 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	340.4	1994
2757 >E	Fraser 345kV Voltage	SBK Edic R945	3.8	327.8	340.3	1994
2761 >E	Pannell Road 345kV Voltage	Marcy South S.	4.6	327.8	331.4	3285
2763 >E	Station 80 345kV Voltage	Volney-Marcy	4.4	327.8	336.4	2678
2764 >E	Oakdale 345kV Voltage	SBK Marcy R3108	4.8	320	337.5	2618
2765 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	341.4	1996
2765 >E	Coopers Corners 345kV Voltage	SBK Edic R945	5.5	327.8	341.4	1997
2766 >E	New Scotland 345kV Voltage Alps	Pre-Fault	16.2	NA	348	2766
2766 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	16.2	NA	348	2766
2771 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	7.4	327.8	334.6	1943
2771 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.1	327.8	339.2	3048
2772 >E	Marcy 345kV Voltage	SBK Marcy R3108	8.4	327.8	327.8	2622
2774 >E	Station 80 345kV Voltage	Marcy South S.	5.0	327.8	331.2	3291
2774 >E	Oakdale 345kV Voltage	Volney-Marcy	3.6	320	330.9	2682
2774 >E	Station 80 345kV Voltage	Ph2 DC 1500	6.4	327.8	336.4	3049
2778 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.7	327.8	337.5	1945
2779 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.4	327.8	336.8	1945
2783 >E	Fraser 345kV Voltage	Pre-Fault	8.4	NA	338	2783
2783 >E	Pannell Road 345kV Voltage	SBK Princetown 345	6.5	327.8	331.5	2509
2785 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.7	327.8	339.5	1947
2787 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.9	320	330.6	3052
2790 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	8.7	218.5	222.7	3053
2801 >E	Niagara 230kV East Voltage	Pre-Fault	10.9	NA	225	2801
2801 >E	Niagara 230kV West Voltage	Pre-Fault	10.9	NA	225	2801
2803 >E	Oakdale 345kV Voltage	Marcy South S.	4.7	320	323.6	3305
2811 >E	Gilboa 345kV Voltage	Pre-Fault	17.7	NA	348	2811
2812 >E	Pannell Road 345kV Voltage	Ravenswood 3	9.2	327.8	328.5	2910
2813 >E	Pannell Road 345kV Voltage	SBK Edic R70	9.0	327.8	328.4	2841
2817 >E	Pannell Road 345kV Voltage	361-362 D1b Ckt Twr 345	9.4	327.8	327.9	2775
2817 >E	Oakdale 345kV Voltage	SBK Princetown 345	5.8	320	325.1	2534
2817 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	9.4	327.8	327.9	2777
2818 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	9.5	327.8	327.8	2806
2820 >E	Station 80 345kV Voltage	SBK Princetown 345	8.9	327.8	332.3	2536
2822 >E	Gordon Rd 345kV Voltage	361-362 D1b Ckt Twr	11.1	327.8	334.7	2780

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2822 >E	Coopers Corners 345kV Voltage	Pre-Fault	13.5	NA	338	2822
2827 >E	Gordon Rd 345kV Voltage	Volney-Marcy	7.0	327.8	334.3	2698
2828 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	13.0	218.5	224.7	2014
2829 >E	St.Lawrence 230kV Voltage	SBK Edic R945	13.1	218.5	224.7	2015
2830 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	9.4	327.8	337.6	2647
2831 >E	Rock Tavern 345kV Voltage	Pre-Fault	36.2	NA	348	2831
2833 >E	Niagara 230kV East Voltage	Volney-Marcy	8.2	218.5	222.1	2699
2833 >E	Niagara 230kV West Voltage	Volney-Marcy	8.2	218.5	222.1	2699
2836 >E	New Scotland 345kV Voltage Alps	Marcy South S.	7.7	327.8	340.2	3321
2836 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	7.7	327.8	340.2	3321
2836 >E	Fraser 345kV Voltage	Marcy South S.	6.5	327.8	327.8	3321
2840 >E	Ramapo 500kV Voltage	Ph2 DC 1500	33.5	500	506.4	3066
2841 >E	Pleasant Valley 345kV Voltage	Pre-Fault	45.5	NA	348	2841
2843 >E	St.Lawrence 230kV Voltage	Volney-Marcy	12.4	218.5	225.3	2702
2847 >E	Oakdale 345kV Voltage	Ravenswood 3	7.3	320	321.1	2943
2853 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr	7.4	320	320.3	2810
		345				
2853 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	7.4	320	320.2	2812
2853 >E	St.Lawrence 230kV Voltage	Pre-Fault	36.4	NA	225	2853
2854 >E	Oakdale 345kV Voltage	SBK Edic R70	7.3	320	320.2	2880
2854 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	7.4	320	320.1	2842
2856 >E	Niagara 230kV East Voltage	SBK Princetown 345	9.9	218.5	219.9	2563
2856 >E	Niagara 230kV West Voltage	SBK Princetown 345	9.9	218.5	219.9	2563
2859 >E	Niagara 230kV East Voltage	Ravenswood 3	10.2	218.5	219.6	2956
2859 >E	Niagara 230kV West Voltage	Ravenswood 3	10.2	218.5	219.6	2956
2866 >E	Niagara 230kV East Voltage	SBK Edic R70	10.6	218.5	219.1	2892
2866 >E	Niagara 230kV West Voltage	SBK Edic R70	10.6	218.5	219.1	2892
2867 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	16.9	218.5	221.6	2664
2867 >E	Station 80 345kV Voltage	Ravenswood 3	13.1	327.8	328.8	2963
2867 >E	Somerset 345kV Voltage	Marcy South S.	6.8	327.8	331.6	3336
2869 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	8.4	327.8	327.8	2827
2869 >E	Fraser 345kV Voltage	Volney-Marcy	8.4	327.8	327.8	2710
2869 >E	Fraser 345kV Voltage	SBK Edic R70	8.4	327.8	327.8	2895
2869 >E	Fraser 345kV Voltage	SBK Princetown 345	8.4	327.8	327.8	2572
2869 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	8.4	327.8	327.8	2856
2869 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr	8.4	327.8	327.8	2826
		345				
2869 >E	Fraser 345kV Voltage	Ravenswood 3	8.4	327.8	327.8	2964
2870 >E	Station 80 345kV Voltage	SBK Edic R70	13.0	327.8	328.6	2896
2871 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr	10.9	218.5	218.6	2828

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2871 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	10.9	218.5	218.6	2828
2871 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	10.9	218.5	218.6	2830
2871 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	10.9	218.5	218.6	2830
2872 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	10.9	218.5	218.5	2859
2872 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	10.9	218.5	218.5	2859
2875 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	11.5	327.8	330.6	2833
2879 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	13.7	327.8	328.0	2836
2879 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	327.9	2838
2880 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	12.2	327.8	330.1	2867
2881 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	13.8	327.8	327.8	2868
2882 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	17.4	218.5	222.6	1976
2887 >E	Gordon Rd 345kV Voltage	Ravenswood 3	12.5	327.8	329.6	2982
2891 >E	Niagara 230kV East Voltage	SBK Marcy R3108	15.5	218.5	223.3	2675
2891 >E	Niagara 230kV West Voltage	SBK Marcy R3108	15.5	218.5	223.3	2675
2895 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	10.6	327.8	334.1	3081
2897 >E	Buchanan South 345kV Voltage	Pre-Fault	62.1	NA	346	2897
2898 >E	Fraser 345kV Voltage	Ph2 DC 1500	9.8	327.8	327.8	3082
2898 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	10.0	327.8	341.2	2034
2899 >E	Coopers Corners 345kV Voltage	Volney-Marcy	9.8	327.8	332.3	2720
2899 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	9.8	327.8	340.5	3082
2899 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	9.8	327.8	340.5	3082
2899 >E	Somerset 345kV Voltage	SBK Edic R945	10.1	327.8	341.1	2036
2902 >E	Ramapo 500kV Voltage	Ravenswood 3	48.5	500	505.2	2996
2907 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	30.6	500	505.4	2037
2908 >E	Ramapo 500kV Voltage	SBK Edic R945	30.7	500	505.4	2039
2908 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	11.6	327.8	331.6	2601
2914 >E	St.Lawrence 230kV Voltage	Marcy South S.	19.1	218.5	221.0	3359
2914 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	8.8	327.8	339.5	2038
2915 >E	Gilboa 345kV Voltage	SBK Edic R945	8.9	327.8	339.4	2041
2915 >E	Somerset 345kV Voltage	Volney-Marcy	9.2	327.8	345.7	2725
2916 >E	Gordon Rd 345kV Voltage	SBK Edic R70	12.4	327.8	327.3	2940
2917 >E	Coopers Corners 345kV Voltage	Ravenswood 3	13.0	327.8	331.0	3011
2920 >E	New Scotland 345kV Voltage Alps	Marcy South N.	16.5	327.8	348.4	3678
2920 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	16.5	327.8	348.4	3678
2924 >E	Gilboa 345kV Voltage	Marcy South S.	10.2	327.8	337.2	3364
2929 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	9.4	327.8	333.3	2043
2929 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	9.4	327.8	333.3	2043
2930 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	9.4	327.8	333.2	2045

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2930 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	9.4	327.8	333.2	2045
2943 >E	Coopers Corners 345kV Voltage	SBK Edic R70	13.4	327.8	329.1	2966
2945 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	36.2	500	504.8	1995
2949 >E	Niagara 345kV Voltage	Marcy South S.	7.9	327.8	330.7	3375
2950 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	320.1	2049
2951 >E	Gordon Rd 345kV Voltage	SBK Edic R945	10.5	327.8	320.0	2051
2952 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	13.4	327.8	328.4	2910
2955 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	10.1	327.8	336.3	2737
2955 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	10.1	327.8	336.3	2737
2956 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	13.5	327.8	328.1	2912
2959 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	13.5	327.8	327.9	2946
2959 >E	Somerset 345kV Voltage	Ph2 DC 1500	11.8	327.8	341.3	3098
2960 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	10.6	327.8	336.3	1999
2960 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	23.5	218.5	222.1	2639
2972 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	11.0	327.8	329.7	2003
2972 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	11.0	327.8	329.7	2003
2976 >E	Gardenville 230kV Voltage	Pre-Fault	15.3	NA	217	2976
2986 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	14.0	327.8	337.2	2007
2994 >E	Niagara 230kV East Voltage	Marcy South S.	20.4	218.5	220.4	3397
2994 >E	Niagara 230kV West Voltage	Marcy South S.	20.4	218.5	220.4	3397
2996 >E	Gardenville 230kV Voltage	Volney-Marcy	10.5	207	215.7	2749
3002 >E	Ramapo 345kV Voltage	Pre-Fault	56.5	NA	346	3002
3004 >E	St.Lawrence 230kV Voltage	Marcy South N.	33.5	218.5	227.1	3741
3004 >E	Watercure 230kV Voltage	Ph2 DC 1500	12.8	207	219.4	3110
3014 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	13.9	327.8	332.6	2970
3014 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	13.9	327.8	332.6	2970
3016 >E	Fraser 345kV Voltage	SBK Marcy R3108	14.8	327.8	327.8	2731
3029 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	15.2	327.8	339.8	2072
3031 >E	Rock Tavern 345kV Voltage	SBK Edic R945	15.2	327.8	339.8	2075
3033 >E	St.Lawrence 230kV Voltage	Ravenswood 3	31.8	218.5	220.1	3123
3041 >E	Watercure 230kV Voltage	Marcy South N.	22.8	207	226.1	3769
3043 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	15.8	207	232.0	2075
3047 >E	Watercure 230kV Voltage	SBK Edic R945	16.0	207	231.9	2080
3056 >E	Somerset 345kV Voltage	SBK Marcy R3108	18.6	327.8	357.0	2748
3067 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	15.8	327.8	329.4	3155
3067 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	15.8	327.8	329.4	3155
3068 >E	Ramapo 500kV Voltage	Volney-Marcy	42.5	500	502.3	2771
3072 >E	Gardenville 230kV Voltage	SBK Princetown 345	13.3	207	210.7	2721
3080 >E	Leeds 345kV Voltage	Pre-Fault	32.2	NA	345	3080
3081 >E	Ladentown 345kV Voltage	Pre-Fault	57.4	NA	346	3081

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3084 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	15.9	327.8	328.4	3102
3084 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	15.9	327.8	328.4	3102
3090 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	36.4	218.5	218.5	3077
3091 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	36.4	218.5	218.5	3046
3091 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	36.5	218.5	218.5	3046
3093 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	17.8	327.8	337.5	2039
3095 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	16.3	327.8	327.7	3081
3095 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	16.3	327.8	327.7	3081
3096 >E	Gilboa 345kV Voltage	Ph2 DC 1500	15.9	327.8	334.2	3135
3097 >E	St.Lawrence 230kV Voltage	SBK Edic R70	37.3	218.5	218.3	3115
3099 >E	Gardenville 230kV Voltage	Ravenswood 3	14.2	207	209.0	3186
3101 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	16.6	327.8	335.6	2768
3101 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	16.6	327.8	335.6	2768
3102 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	16.5	327.8	327.2	3057
3102 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	16.5	327.8	327.2	3057
3103 >E	Watercure 230kV Voltage	Volney-Marcy	15.8	207	230.5	2782
3103 >E	Gilboa 345kV Voltage	Volney-Marcy	15.1	327.8	331.5	2782
3113 >E	Gardenville 230kV Voltage	SBK Edic R70	14.7	207	208.1	3130
3126 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	15.2	207	207.3	3080
3126 >E	Ramapo 500kV Voltage	SBK Princetown 345	51.0	500	501.3	2761
3126 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	15.2	207	207.2	3080
3128 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	15.3	207	207.1	3115
3131 >E	Leeds 345kV Voltage	Marcy South S.	16.2	327.8	337.0	3463
3133 >E	Somerset 345kV Voltage	Marcy South N.	25.4	327.8	345.8	3838
3134 >E	Roseton 345kV Voltage	Pre-Fault	49.8	NA	345	3134
3136 >E	Watercure 230kV Voltage	SBK Marcy R3108	20.2	207	232.5	2784
3136 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	15.7	327.8	325.1	2769
3136 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	15.7	327.8	325.1	2769
3137 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	16.9	327.8	329.6	3091
3156 >E	Gilboa 345kV Voltage	Ravenswood 3	17.6	327.8	328.5	3241
3168 >E	Gilboa 345kV Voltage	SBK Edic R70	17.6	327.8	327.8	3183
3169 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	17.7	327.8	327.8	3155
3169 >E	Gilboa 345kV Voltage	SBK Princetown 345	17.4	327.8	327.7	2793
3170 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	17.8	327.8	327.7	3124
3181 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	22.3	327.8	325.1	2804
3182 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	57.0	500	500.4	3135

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3195 >E	Ramapo 500kV Voltage	SBK Edic R70	58.1	500	500.2	3210
3198 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	58.3	500	500.1	3152
3201 >E	Somerset 345kV Voltage	SBK Princetown 345	22.1	327.8	339.7	2816
3203 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	58.5	500	500.0	3189
3205 >E	Ramapo 500kV Voltage	Pre-Fault	58.6	NA	500	3205
3207 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	27.8	327.8	336.0	2122
3209 >E	Buchanan North 345kV Voltage	SBK Edic R945	27.9	327.8	336.0	2128
3218 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	39.0	218.5	226.7	2125
3218 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	39.0	218.5	226.7	2125
3221 >E	Niagara 230kV East Voltage	SBK Edic R945	39.2	218.5	226.6	2131
3221 >E	Niagara 230kV West Voltage	SBK Edic R945	39.2	218.5	226.6	2131
3229 >E	Bowline 1 345kV Voltage	Pre-Fault	57.2	NA	345	3229
3235 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	19.4	327.8	344.3	2130
3238 >E	Niagara 345kV Voltage	SBK Edic R945	19.5	327.8	344.2	2136
3249 >E	Fraser 345kV Voltage	Marcy South N.	22.9	327.8	327.8	3926
3256 >E	Bowline 2 345kV Voltage	Pre-Fault	57.2	NA	345	3256
3258 >E	Pleasant Valley 345kV Voltage	Marcy South S.	26.8	327.8	332.2	3524
3263 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	25.1	327.8	339.2	2138
3265 >E	Ramapo 345kV Voltage	SBK Edic R945	25.2	327.8	339.1	2144
3276 >E	Niagara 230kV East Voltage	Ph2 DC 1500	43.1	218.5	226.7	3184
3276 >E	Niagara 230kV West Voltage	Ph2 DC 1500	43.1	218.5	226.7	3184
3279 >E	Somerset 345kV Voltage	Pre-Fault	47.1	NA	338	3279
3286 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	31.9	327.8	334.3	2097
3298 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	30.3	327.8	333.8	2148
3300 >E	Millwood 345kV Voltage	SBK Edic R945	30.4	327.8	333.7	2154
3303 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	28.6	327.8	335.7	2150
3305 >E	Buchanan South 345kV Voltage	SBK Edic R945	28.6	327.8	335.6	2156
3308 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	35.5	327.8	332.6	2151
3310 >E	Sprain Brook 345kV Voltage	SBK Edic R945	35.6	327.8	332.6	2157
3312 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	35.9	327.8	332.5	2152
3314 >E	Dunwoodie 345kV Voltage	SBK Edic R945	36.0	327.8	332.5	2159
3318 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	25.8	327.8	339.5	2154
3320 >E	Ladentown 345kV Voltage	SBK Edic R945	25.9	327.8	339.5	2160
3338 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	28.6	207	231.6	2112
3341 >E	Dunwoodie 345kV Voltage	Ravenswood 3	59.4	327.8	335.6	3419
3349 >E	Sprain Brook 345kV Voltage	Ravenswood 3	59.6	327.8	335.7	3427
3350 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	27.0	327.8	331.1	2163
3351 >E	Niagara 345kV Voltage	Ph2 DC 1500	22.3	327.8	345.0	3204
3351 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	27.1	327.8	331.0	2170
3356 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	25.7	327.8	340.3	2165

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3357 >E	Bowline 1 345kV Voltage	SBK Edic R945	25.7	327.8	340.3	2171
3358 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	29.1	327.8	337.1	2118
3359 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	27.9	327.8	335.1	3206
3363 >E	Ramapo 500kV Voltage	SBK Marcy R3108	77.9	500	501.5	2885
3363 >E	Gardenville 230kV Voltage	Marcy South S.	24.9	207	212.8	3575
3365 >E	Rock Tavern 345kV Voltage	Ravenswood 3	32.0	327.8	333.2	3442
3368 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	25.7	327.8	341.4	2168
3370 >E	Bowline 2 345kV Voltage	SBK Edic R945	25.7	327.8	341.4	2175
3370 >E	Gilboa 345kV Voltage	SBK Marcy R3108	25.0	327.8	331.2	2889
3376 >E	Gardenville 230kV Voltage	SBK Marcy R3108	27.0	207	223.2	2891
3378 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	33.9	327.8	331.9	2124
3380 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	26.5	327.8	335.7	2172
3382 >E	Roseton 345kV Voltage	SBK Edic R945	26.6	327.8	335.6	2179
3385 >E	Buchanan North 345kV Voltage	Ravenswood 3	49.4	327.8	335.3	3461
3387 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	39.7	327.8	331.0	2127
3389 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	32.3	327.8	333.8	2128
3391 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	40.0	327.8	330.9	2128
3392 >E	Rock Tavern 345kV Voltage	Volney-Marcy	28.5	327.8	332.5	2870
3394 >E	Leeds 345kV Voltage	SBK Edic R945	23.8	327.8	327.8	2182
3394 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	23.8	327.8	327.8	2176
3394 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	23.8	327.8	327.8	2129
3417 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	29.7	327.8	337.4	2136
3420 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	29.7	327.8	328.9	2137
3430 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	54.3	218.5	224.3	2140
3430 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	54.3	218.5	224.3	2140
3444 >E	Gilboa 345kV Voltage	Marcy South N.	29.8	327.8	339.4	4074
3455 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	27.1	327.8	339.2	2147
3458 >E	Ramapo 500kV Voltage	Marcy South S.	90.0	500	492.2	3621
3460 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	29.5	327.8	338.1	2149
3461 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	32.3	327.8	330.6	3008
3464 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	30.5	207	222.7	2196
3468 >E	Gardenville 230kV Voltage	SBK Edic R945	30.6	207	222.6	2204
3471 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	29.8	327.8	333.3	2152
3474 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	29.5	327.8	339.3	2153
3476 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	42.6	327.8	335.2	3237
3478 >E	Millwood 345kV Voltage	Ravenswood 3	55.2	327.8	335.6	3551
3487 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	33.7	327.8	335.0	3240
3502 >E	Niagara 345kV Voltage	Volney-Marcy	27.4	327.8	368.5	2904
3512 >E	Somerset 345kV Voltage	Ravenswood 3	36.8	327.8	333.0	3584
3514 >E	Ramapo 500kV Voltage	Marcy South N.	100.0	500	503.7	4126
3537 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	35.4	327.8	328.5	3483

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3538 >E	Buchanan South 345kV Voltage	Ravenswood 3	52.0	327.8	335.7	3608
3543 >E	Rock Tavern 345kV Voltage	SBK Edic R70	35.9	327.8	328.3	3544
3557 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	36.1	327.8	327.9	3506
3560 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	36.1	327.8	327.8	3545
3574 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	42.9	327.8	331.9	3644
3583 >E	Somerset 345kV Voltage	SBK Edic R70	39.4	327.8	331.6	3583
3595 >E	Ramapo 345kV Voltage	Ph2 DC 1500	39.4	327.8	336.8	3269
3600 >E	Millwood 345kV Voltage	Ph2 DC 1500	45.2	327.8	334.4	3271
3606 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	42.8	327.8	335.4	3272
3614 >E	Ramapo 345kV Voltage	Ravenswood 3	46.9	327.8	335.2	3682
3631 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	39.5	327.8	330.6	2943
3633 >E	Leeds 345kV Voltage	SBK Edic R70	32.2	327.8	327.8	3632
3633 >E	Leeds 345kV Voltage	Ravenswood 3	32.2	327.8	327.8	3701
3634 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	32.2	327.8	327.8	3578
3634 >E	Leeds 345kV Voltage	Volney-Marcy	32.2	327.8	327.8	2944
3634 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	32.2	327.8	327.8	3619
3634 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	32.2	327.8	327.8	3582
3634 >E	Leeds 345kV Voltage	SBK Princetown 345	32.2	327.8	327.8	3134
3642 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	54.3	327.8	333.3	3282
3642 >E	Gardenville 230kV Voltage	Ph2 DC 1500	35.4	207	221.2	3282
3649 >E	Buchanan North 345kV Voltage	Volney-Marcy	49.4	327.8	330.8	2948
3649 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	54.9	327.8	333.2	3284
3658 >E	Ladentown 345kV Voltage	Ph2 DC 1500	39.7	327.8	337.2	3286
3668 >E	Ladentown 345kV Voltage	Ravenswood 3	47.6	327.8	335.8	3734
3683 >E	Dunwoodie 345kV Voltage	Marcy South S.	56.5	327.8	321.8	3729
3686 >E	Millwood 345kV Voltage	Marcy South S.	49.1	327.8	320.7	3731
3689 >E	Leeds 345kV Voltage	Ph2 DC 1500	33.9	327.8	327.8	3295
3694 >E	Sprain Brook 345kV Voltage	Marcy South S.	56.7	327.8	321.5	3735
3697 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	43.2	327.8	329.2	3641
3719 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	39.7	327.8	337.8	3303
3728 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	45.7	327.8	328.5	3675
3731 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	45.8	327.8	328.4	3673
3733 >E	Roseton 345kV Voltage	Marcy South S.	38.8	327.8	320.7	3753
3737 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	39.6	327.8	337.9	3308
3739 >E	Bowline 1 345kV Voltage	Ravenswood 3	47.4	327.8	336.1	3803
3751 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	46.7	327.8	328.0	3735
3751 >E	Buchanan North 345kV Voltage	SBK Princetown 345	55.2	327.8	329.1	3221
3752 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	45.3	327.8	328.0	3746

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3755 >E	Roseton 345kV Voltage	Ph2 DC 1500	40.6	327.8	335.0	3312
3755 >E	Leeds 345kV Voltage	Marcy South N.	39.1	327.8	344.2	4308
3757 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	41.8	207	218.5	2238
3761 >E	Bowline 2 345kV Voltage	Ravenswood 3	47.4	327.8	336.2	3824
3763 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	45.6	327.8	327.7	3747
3769 >E	Roseton 345kV Voltage	Ravenswood 3	45.8	327.8	332.3	3831
3769 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	45.8	327.8	327.6	3716
3777 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	44.9	327.8	327.4	3240
3786 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	57.6	327.8	328.5	3728
3787 >E	Dunwoodie 345kV Voltage	Volney-Marcy	63.5	327.8	329.3	2991
3790 >E	Ramapo 345kV Voltage	Volney-Marcy	45.8	327.8	332.1	2991
3796 >E	Sprain Brook 345kV Voltage	Volney-Marcy	63.6	327.8	329.4	2993
3815 >E	Buchanan North 345kV Voltage	SBK Edic R70	59.3	327.8	328.1	3807
3823 >E	Roseton 345kV Voltage	Volney-Marcy	42.9	327.8	331.2	3001
3828 >E	Millwood 345kV Voltage	Volney-Marcy	56.6	327.8	330.2	3003
3829 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	59.5	327.8	327.8	3775
3829 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	59.5	327.8	327.8	3814
3837 >E	Buchanan South 345kV Voltage	Volney-Marcy	52.6	327.8	330.8	3006
3846 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	68.1	327.8	328.5	3786
3859 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	68.5	327.8	328.5	3799
3880 >E	Ladentown 345kV Voltage	Volney-Marcy	47.0	327.8	332.1	3019
3884 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	68.7	327.8	328.0	3318
3886 >E	Dunwoodie 345kV Voltage	SBK Edic R70	70.7	327.8	328.0	3875
3895 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	69.0	327.8	328.0	3326
3899 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	70.9	327.8	327.8	3883
3901 >E	Sprain Brook 345kV Voltage	SBK Edic R70	71.2	327.8	328.0	3889
3903 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	71.1	327.8	327.7	3849
3911 >E	Ramapo 345kV Voltage	SBK Princetown 345	51.5	327.8	329.9	3338
3913 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	71.4	327.8	327.8	3898
3918 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	71.5	327.8	327.7	3863
3924 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	62.6	327.8	328.8	3863
3936 >E	Roseton 345kV Voltage	SBK Princetown 345	47.3	327.8	328.9	3356
3938 >E	Watercure 230kV Voltage	SBK Princetown 345	48.9	207	226.2	3358
3949 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	48.3	327.8	328.7	3887
3952 >E	Bowline 1 345kV Voltage	Volney-Marcy	46.9	327.8	332.4	3041
3955 >E	Buchanan South 345kV Voltage	Marcy South S.	55.8	327.8	314.6	3860
3955 >E	Millwood 345kV Voltage	SBK Princetown 345	62.7	327.8	328.3	3371

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
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3966 >E	Buchanan South 345kV Voltage	SBK Princetown 345	58.6	327.8	328.8	3379
3968 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	59.6	327.8	328.7	3906
3973 >E	Millwood 345kV Voltage	SBK Edic R70	65.2	327.8	328.0	3959
3973 >E	Bowline 2 345kV Voltage	Volney-Marcy	46.9	327.8	332.5	3047
3978 >E	Roseton 345kV Voltage	SBK Edic R70	49.6	327.8	328.1	3964
3982 >E	Niagara 345kV Voltage	Marcy South N.	49.3	327.8	349.7	4480
3985 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	54.8	327.8	328.6	3923
3988 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	65.5	327.8	327.8	3972
3990 >E	Niagara 230kV East Voltage	Marcy South N.	97.5	218.5	230.4	4486
3990 >E	Niagara 230kV West Voltage	Marcy South N.	97.5	218.5	230.4	4486
3992 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	49.8	327.8	327.8	3976
3992 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	65.6	327.8	327.7	3936
3993 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	49.9	327.8	327.8	3938
4013 >E	Buchanan South 345kV Voltage	SBK Edic R70	61.8	327.8	328.0	3997
4013 >E	Ramapo 345kV Voltage	SBK Edic R70	56.2	327.8	328.1	3997
4014 >E	Ladentown 345kV Voltage	SBK Princetown 345	52.8	327.8	329.7	3414
4027 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	56.4	327.8	327.9	3971
4027 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	62.1	327.8	327.8	4011
4030 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	62.2	327.8	327.8	3973
4030 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	56.5	327.8	327.8	4014
4073 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	55.5	327.8	328.7	4009
4094 >E	Bowline 1 345kV Voltage	SBK Princetown 345	52.6	327.8	329.9	3473
4104 >E	Coopers Corners 345kV Voltage	Marcy South S.	34.5	327.8	187.7	3932
4108 >E	Ladentown 345kV Voltage	SBK Edic R70	57.1	327.8	328.1	4089
4110 >E	Leeds 345kV Voltage	SBK Marcy R3108	47.8	327.8	327.8	3219
4118 >E	Bowline 2 345kV Voltage	SBK Princetown 345	52.6	327.8	329.9	3490
4124 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	57.3	327.8	327.8	4066
4125 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	57.4	327.8	327.8	4109
4140 >E	Buchanan North 345kV Voltage	Marcy South S.	67.4	327.8	308.3	3950
4142 >E	Rock Tavern 345kV Voltage	Marcy South S.	46.6	327.8	281.0	3950
4158 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	55.4	327.8	328.8	4093
4183 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	55.4	327.8	328.8	4117
4196 >E	Bowline 1 345kV Voltage	SBK Edic R70	57.0	327.8	328.1	4174
4211 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	57.2	327.8	327.8	4153
4213 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	57.2	327.8	327.8	4196

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4222 >E	Bowline 2 345kV Voltage	SBK Edic R70	56.9	327.8	328.1	4198
4237 >E	Bowline 2 345kV Voltage	361-362 D1b Ckt Twr 345	57.1	327.8	327.8	4179
4239 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	57.2	327.8	327.8	4222
4249 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	62.1	327.8	325.1	3281
4304 >E	Pleasant Valley 345kV Voltage	Marcy South N.	71.9	327.8	339.0	4724
4309 >E	Coopers Corners 345kV Voltage	Marcy South N.	50.5	327.8	301.8	4727
4344 >E	Gardenville 230kV Voltage	Marcy South N.	69.7	207	226.8	4753
4512 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	75.7	327.8	327.5	3398
4811 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	108.0	327.8	325.8	3531
4841 >E	Ladentown 345kV Voltage	Marcy South S.	78.5	327.8	292.3	4287
4846 >E	Ramapo 345kV Voltage	Marcy South S.	80.3	327.8	290.6	4289
5034 >E	Roseton 345kV Voltage	SBK Marcy R3108	87.8	327.8	325.9	3631
5105 >E	Millwood 345kV Voltage	SBK Marcy R3108	118.3	327.8	325.1	3663
5206 >E	Ramapo 345kV Voltage	SBK Marcy R3108	103.8	327.8	325.2	3708
5208 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	113.9	327.8	325.2	3708
5219 >E	Bowline 1 345kV Voltage	Marcy South S.	87.6	327.8	283.1	4469
5227 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	143.6	327.8	324.8	3717
5235 >E	Bowline 2 345kV Voltage	Marcy South S.	86.9	327.8	283.0	4477
5244 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	145.4	327.8	324.7	3724
5394 >E	Roseton 345kV Voltage	Marcy South N.	99.8	327.8	334.5	5547
5456 >E	Millwood 345kV Voltage	Marcy South N.	132.9	327.8	333.4	5594
5517 >E	Ladentown 345kV Voltage	SBK Marcy R3108	110.8	327.8	325.0	3846
5616 >E	Buchanan North 345kV Voltage	Marcy South N.	139.9	327.8	330.4	5715
5630 >E	Dunwoodie 345kV Voltage	Marcy South N.	161.5	327.8	332.1	5726
5632 >E	Sprain Brook 345kV Voltage	Marcy South N.	160.7	327.8	332.1	5727
5688 >E	Rock Tavern 345kV Voltage	Marcy South N.	103.9	327.8	320.7	5770
5706 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	111.2	327.8	324.7	3931
5712 >E	Rainey 345kV Voltage	Ravenswood 3	145.5	327.8	341.0	5702
5781 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	115.4	327.8	335.4	2858
5788 >E	Rainey 345kV Voltage	SBK Edic R945	115.7	327.8	335.3	2889
5819 >E	Buchanan South 345kV Voltage	Marcy South N.	137.4	327.8	332.8	5868
5825 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	119.4	327.8	335.2	2871
5831 >E	Farragut 345kV Voltage	SBK Edic R945	119.7	327.8	335.2	2902
5880 >E	Farragut 345kV Voltage	Ravenswood 3	152.9	327.8	340.2	5864
6050 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	121.9	327.8	324.7	4084
6118 >E	Watercure 230kV Voltage	Marcy South S.	134.3	207	248.0	4902
6133 >E	Watercure 230kV Voltage	Pre-Fault	195.2	NA	215	6133
6154 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	129.1	327.8	333.0	2956
6203 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	133.6	327.8	332.9	2970
6380 >E	Rainey 345kV Voltage	Pre-Fault	223.8	NA	338	6380

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6383 >E	Farragut 345kV Voltage	Pre-Fault	231.4	NA	338	6383
6399 >E	Ramapo 345kV Voltage	Marcy South N.	143.7	327.8	329.3	6307
6792 >E	Watercure 230kV Voltage	Ravenswood 3	163.5	207	211.6	6741
6806 >E	Ladentown 345kV Voltage	Marcy South N.	154.1	327.8	330.9	6615
6862 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	161.2	327.8	335.1	3168
6871 >E	Goethals 345kV Voltage	SBK Edic R945	161.6	327.8	335.0	3209
6885 >E	Watercure 230kV Voltage	SBK Edic R70	163.4	207	211.1	6764
7035 >E	Rainey 345kV Voltage	Ph2 DC 1500	162.3	327.8	337.6	4195
7069 >E	Farragut 345kV Voltage	Ph2 DC 1500	166.9	327.8	337.5	4204
7286 >E	Goethals 345kV Voltage	Ravenswood 3	209.1	327.8	339.1	7217
7362 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	180.3	327.8	332.8	3317
7401 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	184.3	207	208.5	7306
7447 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	185.9	207	208.3	7319
7477 >E	Bowline 1 345kV Voltage	Marcy South N.	169.6	327.8	331.1	7121
7529 >E	Bowline 2 345kV Voltage	Marcy South N.	168.9	327.8	331.2	7161
7610 >E	Watercure 230kV Voltage	Princeton-N.Scot 345	192.1	207	207.4	7582
7647 >E	Goethals 345kV Voltage	Pre-Fault	317.8	NA	338	7647
7819 >E	Rainey 345kV Voltage	Marcy South S.	190.9	327.8	317.9	5722
7927 >E	Farragut 345kV Voltage	Marcy South S.	198.8	327.8	318.0	5774
8074 >E	Rainey 345kV Voltage	Volney-Marcy	201.1	327.8	330.4	4298
8147 >E	Farragut 345kV Voltage	Volney-Marcy	208.0	327.8	330.4	4320
8361 >E	Goethals 345kV Voltage	Ph2 DC 1500	219.3	327.8	338.1	4551
8415 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	214.7	327.8	328.9	8269
8487 >E	Rainey 345kV Voltage	SBK Princetown 345	216.3	327.8	328.6	6702
8501 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	222.3	327.8	328.8	8353
8575 >E	Farragut 345kV Voltage	SBK Princetown 345	224.0	327.8	328.5	6766
8637 >E	Rainey 345kV Voltage	SBK Edic R70	223.2	327.8	327.9	8453
8663 >E	Rainey 345kV Voltage	Princeton-N.Scot 345	223.8	327.8	327.8	8632
8671 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	224.0	327.8	327.8	8562
8735 >E	Farragut 345kV Voltage	SBK Edic R70	231.4	327.8	327.8	8546
8755 >E	Farragut 345kV Voltage	Princeton-N.Scot 345	231.8	327.8	327.7	8724
8770 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	232.3	327.8	327.7	8659
9695 >E	Goethals 345kV Voltage	Marcy South S.	270.1	327.8	318.0	6626
10116 >E	Goethals 345kV Voltage	Volney-Marcy	287.2	327.8	330.2	4921
10541 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	304.5	327.8	328.9	10354
10633	Goethals 345kV Voltage	SBK Princetown 345	306.9	327.8	328.6	8280

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
10869	Goethals 345kV Voltage	SBK Edic R70	317.4	327.8	327.9	10603
>E						
10900	Goethals 345kV Voltage	Princetown-N.Scot 345	318.2	327.8	327.8	10862
>E						
10914	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	318.7	327.8	327.7	10779
>E						
13420	Northport 138kV Voltage	Edic-Gordon Rd. 345	841.0	131.1	133.8	5043
>E						
13444	Northport 138kV Voltage	SBK Edic R945	842.8	131.1	133.8	5150
>E						
14441	Northport 138kV Voltage	Marcy-N.Scot99 345	920.5	131.1	132.8	5437
>E						
14956	Rainey 345kV Voltage	SBK Marcy R3108	456.8	327.8	323.4	8057
>E						
15140	Farragut 345kV Voltage	SBK Marcy R3108	473.0	327.8	323.4	8139
>E						
16258	Rainey 345kV Voltage	Marcy South N.	502.1	327.8	334.3	13758
>E						
16433	Farragut 345kV Voltage	Marcy South N.	519.0	327.8	334.2	13890
>E						
17231	Northport 138kV Voltage	Ph2 DC 1500	1140.9	131.1	137.5	6937
>E						
18328	Northport 138kV Voltage	Marcy South S.	1226.3	131.1	127.9	10784
>E						
19588	Northport 138kV Voltage	Pre-Fault	1912.0	NA	135	19588
>E						
19981	Goethals 345kV Voltage	SBK Marcy R3108	667.0	327.8	323.0	10298
>E						
21378	Goethals 345kV Voltage	Marcy South N.	717.4	327.8	334.3	17628
>E						
23599	Northport 138kV Voltage	Ravenswood 3	1677.3	131.1	132.9	22921
>E						
25040	Northport 138kV Voltage	Volney-Marcy	1753.2	131.1	132.1	9472
>E						
26263	Northport 138kV Voltage	N.Scot-Leeds 345	1851.0	131.1	131.5	25778
>E						
26578	Northport 138kV Voltage	SBK Princetown 345	1873.4	131.1	131.3	20001
>E						
27037	Northport 138kV Voltage	SBK Edic R70	1912.0	131.1	131.1	26179
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Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

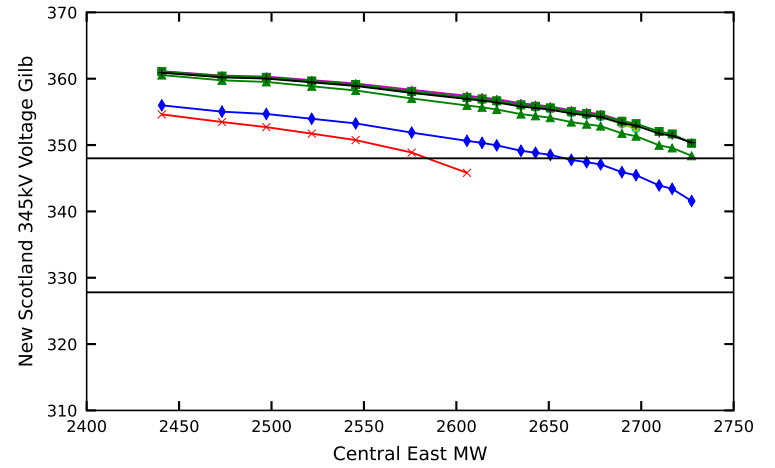
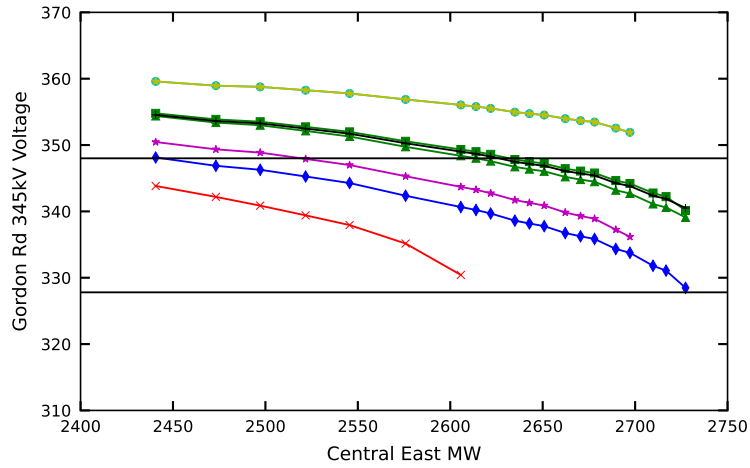
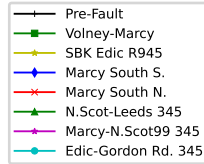
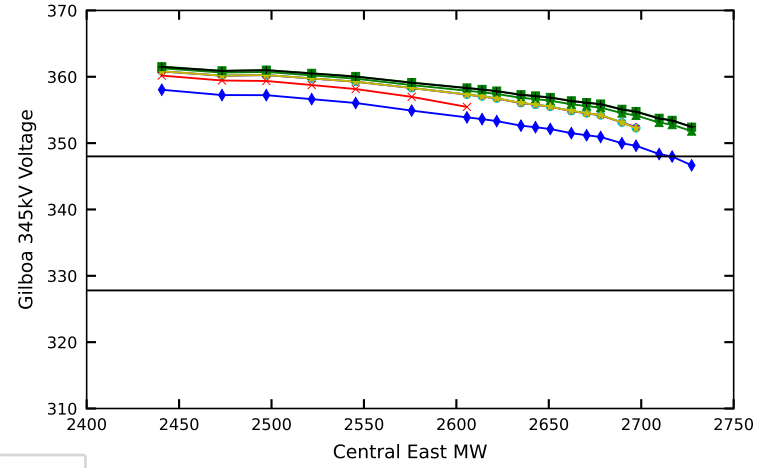
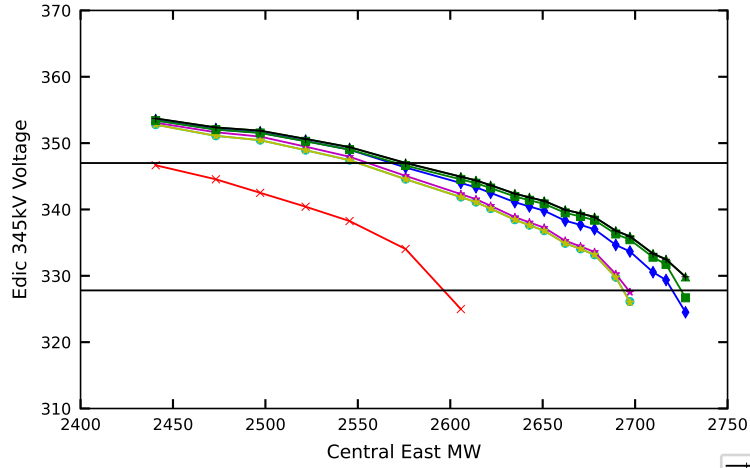
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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 30_OS

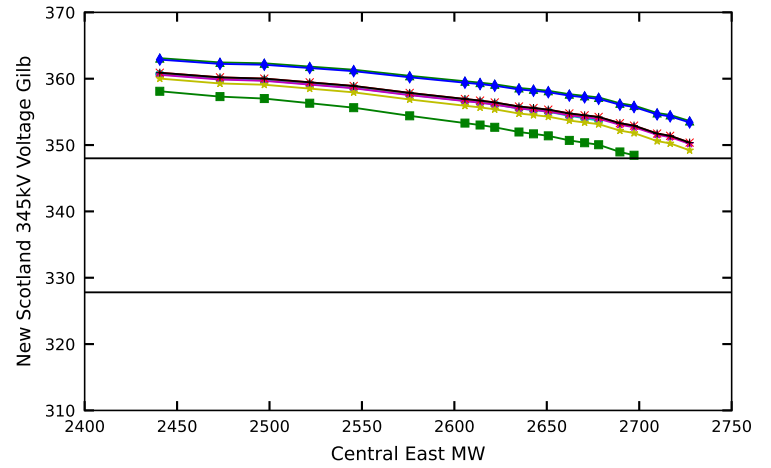
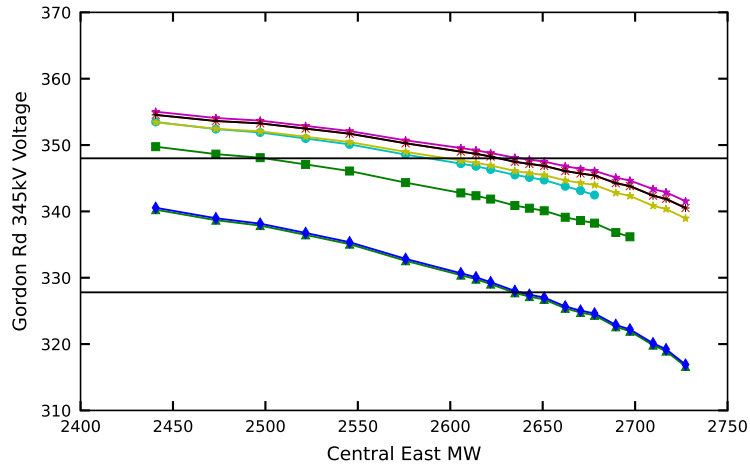
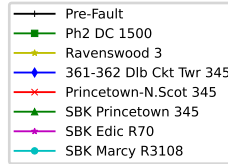
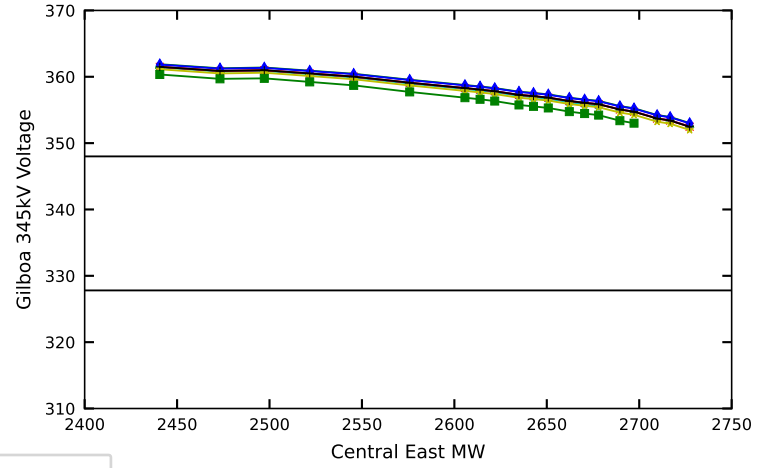
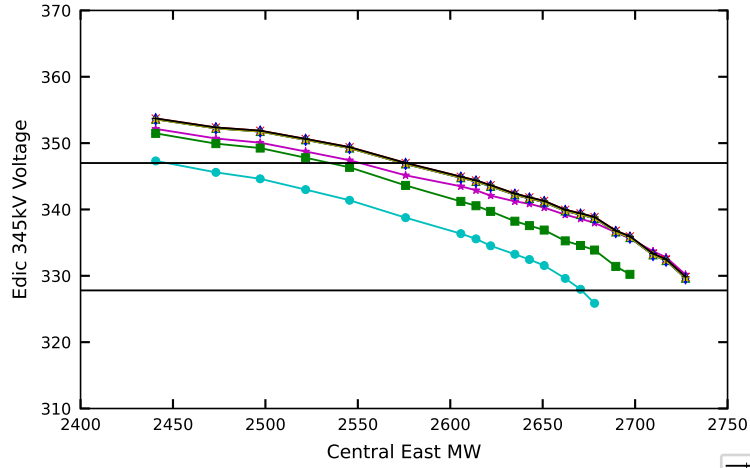
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
27045 >E	Northport 138kV Voltage	Princetown-N.Scot 345	1912.0	131.1	131.1	26955
27148 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	1919.9	131.1	131.0	26826
60996 >E	Northport 138kV Voltage	SBK Marcy R3108	4567.8	131.1	128.1	28594
73155 >E	Northport 138kV Voltage	Marcy South N.	5548.3	131.1	133.7	56760
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99999 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

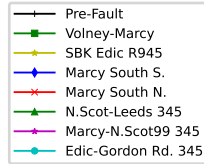
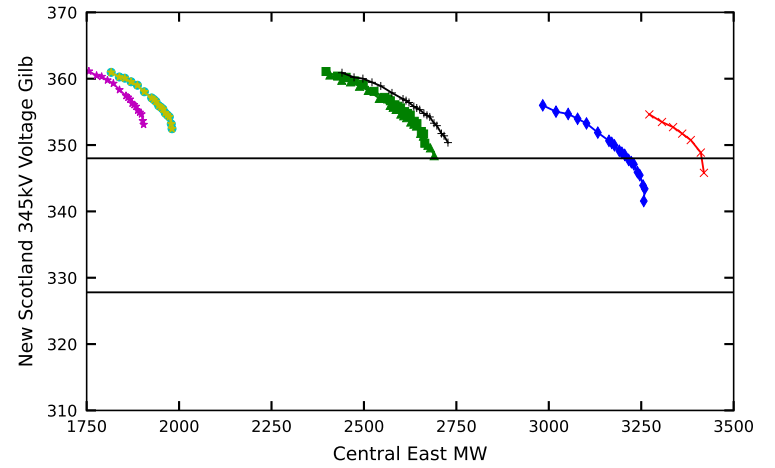
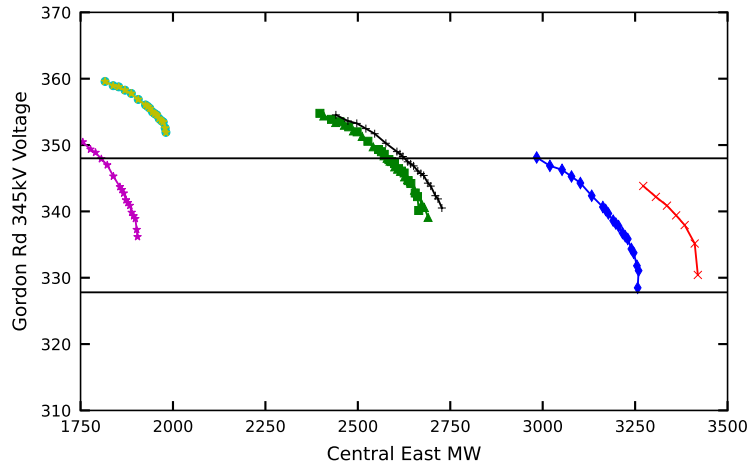
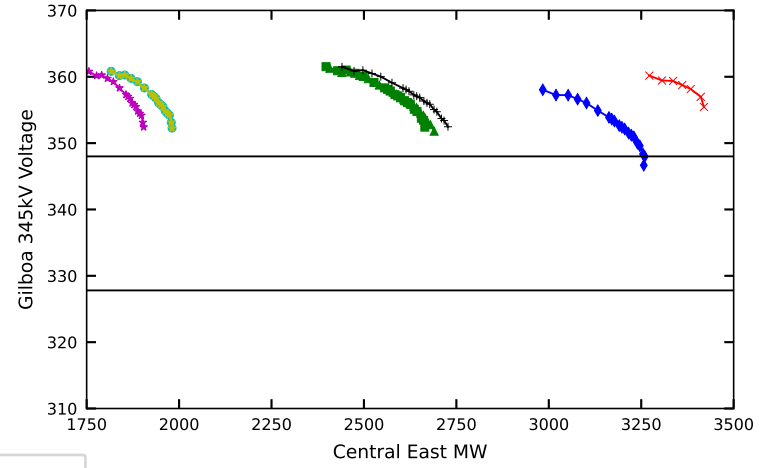
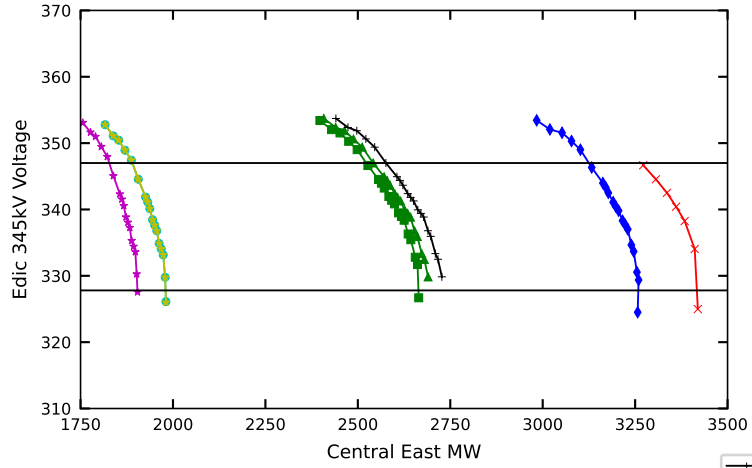
1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_05 Figure 1



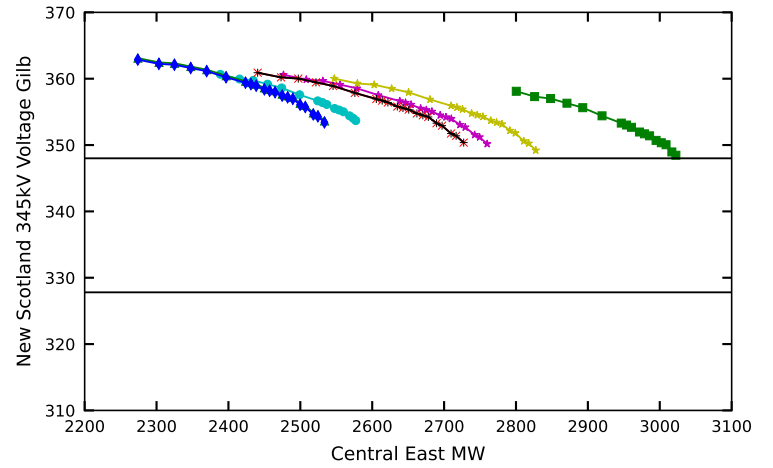
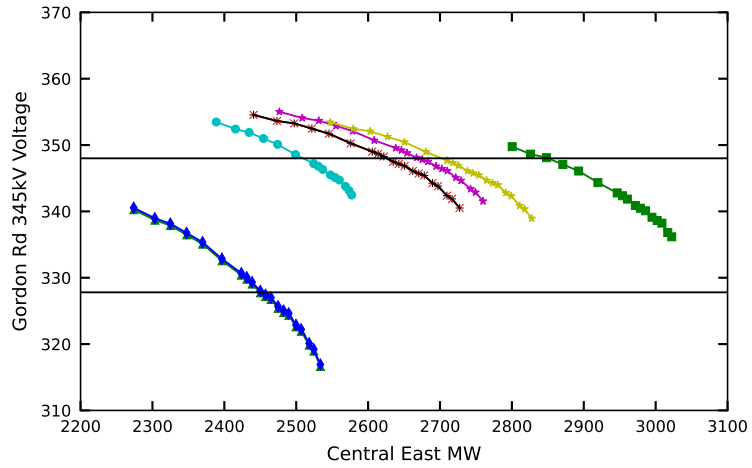
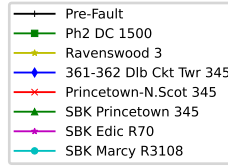
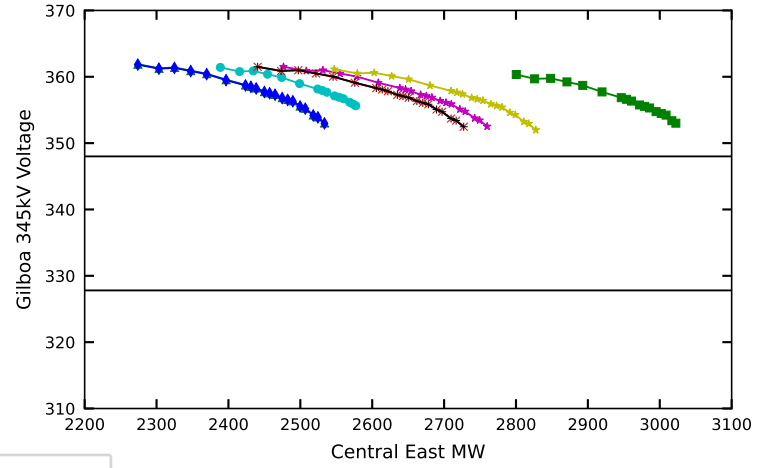
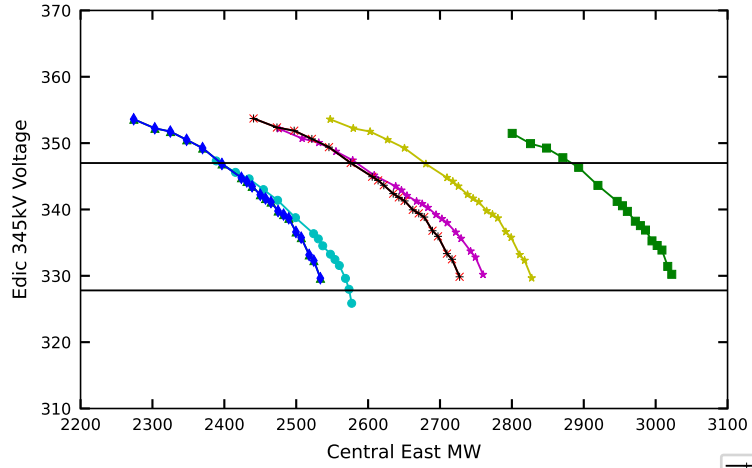
1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_05 Figure 2



1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_05 Figure 1



1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_05 Figure 2



Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\55_OS\Sum2023_CEVC_PH2_10_55_OS.xlsx

1: 2023S CEVC PH2 CE2440 MS2270 DE1300 1O 55_OS

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2440	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2473	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2497	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2521	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2545	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2575	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2605	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2613	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2621	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2634	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2642	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2650	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2662	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2670	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2678	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2689	t1	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0
	6															
2697	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	7															
2709	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	8															
2716	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	9															
2727	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	0															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\55_OS\Sum2023_CEVC_PH2_10_55_OS.xlsx

1: 2023S CEVC PH2 CE2440 MS2270 DE1300 1O 55_OS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17	t18	t19	t20
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2356 <E	Dunwoodie 345kV Voltage	Pre-Fault	95.0	NA	348	2356
2364 <E	Sprain Brook 345kV Voltage	Pre-Fault	95.3	NA	348	2364
2475	limit with 5% margin	Marcy South N.	NA	NA	NA	3248
2544	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2448
2562	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1881
2562	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1808
2562	limit with 5% margin	SBK Edic R945	NA	NA	NA	1881
2562	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2871
2564	Marcy 345kV Voltage	Pre-Fault	12.6	NA	348	2564
2575	Edic 345kV Voltage	Pre-Fault	14.4	NA	347	2575
2580	limit with 5% margin	Marcy South S.	NA	NA	NA	3096
2590	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2555
2590	limit with 5% margin	Volney-Marcy	NA	NA	NA	2531
2590	limit with 5% margin	SBK Edic R70	NA	NA	NA	2621
2590	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2407
2590	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2590
2590	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2406
2590	limit with 5% margin	Ravenswood 3	NA	NA	NA	2686
2593	Pannell Road 345kV Voltage	Pre-Fault	27.1	NA	346	2593
2594	Clay 345kV Voltage	Marcy South N.	3.3	327.8	345.2	3416
2596	Edic 345kV Voltage	Marcy South N.	3.3	327.8	345.6	3416
2597	Station 80 345kV Voltage	Pre-Fault	27.9	NA	346	2597
2597	Marcy 345kV Voltage	Marcy South N.	3.3	327.8	345.6	3417
2598	Clay 345kV Voltage	Pre-Fault	17.1	NA	345	2598
2622 >E	Gordon Rd 345kV Voltage	Marcy South N.	6.3	327.8	348.3	3424
2626	Gordon Rd 345kV Voltage	Pre-Fault	16.3	NA	348	2626
2634	Gordon Rd 345kV Voltage	SBK Princetown 345	9.9	327.8	347.5	2449
2634 >E	Pannell Road 345kV Voltage	Marcy South N.	5.5	327.8	344.5	3427
2637	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	13.9	327.8	347.4	2452
2654 >E	Station 80 345kV Voltage	Marcy South N.	6.5	327.8	343.9	3433
2656 >E	Oakdale 345kV Voltage	Marcy South N.	5.1	320	348.1	3434
2671	Edic 345kV Voltage	SBK Marcy R3108	3.6	327.8	339.4	2573
2673	Clay 345kV Voltage	SBK Marcy R3108	2.9	327.8	339.6	2574
2683	Millwood 345kV Voltage	Pre-Fault	46.5	NA	348	2683
2693	Marcy 345kV Voltage	SBK Edic R945	2.0	327.8	336.5	1979
2693	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.1	327.8	336.4	1979
2693	Edic 345kV Voltage	SBK Edic R945	2.0	327.8	336.4	1979
2693	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.1	327.8	336.3	1979
2695	Clay 345kV Voltage	SBK Edic R945	1.9	327.8	336.9	1980

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\55_OS\Sum2023_CEVC_Ph2_10_55_OS.xlsx

1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2695	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.0	327.8	336.9	1980
2696	Edic 345kV Voltage	Marcy-N.Scot99 345	2.8	327.8	336.0	1903
2698 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.8	327.8	335.8	1904
2699 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	336.5	1904
2712 >E	Edic 345kV Voltage	Ph2 DC 1500	6.4	327.8	334.2	3033
2714 >E	Marcy 345kV Voltage	Ph2 DC 1500	6.4	327.8	334.1	3035
2715 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	5.1	327.8	340.5	2595
2717 >E	Pannell Road 345kV Voltage	SBK Edic R945	2.9	327.8	338.4	1986
2717 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	338.3	1986
2718	Clay 345kV Voltage	Volney-Marcy	1.7	327.8	333.2	2662
2724	Edic 345kV Voltage	Volney-Marcy	2.1	327.8	330.4	2663
2725 >E	Clay 345kV Voltage	Ph2 DC 1500	6.2	327.8	333.5	3042
2726 >E	Edic 345kV Voltage	Marcy South S.	6.0	327.8	331.4	3265
2726	Marcy 345kV Voltage	Volney-Marcy	2.1	327.8	330.1	2664
2727 >E	Oakdale 345kV Voltage	SBK Edic R945	2.5	320	338.2	1988
2727 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	337.3	1913
2728 >E	Marcy 345kV Voltage	Marcy South S.	6.0	327.8	331.1	3266
2728 >E	Station 80 345kV Voltage	SBK Edic R945	3.5	327.8	338.7	1989
2728 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.6	320	338.1	1989
2729 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	338.6	1989
2734 >E	Edic 345kV Voltage	SBK Princetown 345	4.0	327.8	328.0	2540
2734 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.0	327.8	328.0	2539
2734 >E	Oakdale 345kV Voltage	Pre-Fault	4.7	NA	335	2734
2734 >E	Edic 345kV Voltage	Ravenswood 3	4.0	327.8	328.0	2834
2734 >E	Station 80 345kV Voltage	SBK Marcy R3108	5.9	327.8	340.2	2604
2735 >E	Buchanan North 345kV Voltage	Pre-Fault	32.3	NA	346	2735
2735 >E	Edic 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	327.8	2697
2735 >E	Edic 345kV Voltage	Princetown-N.Scot 345	4.0	327.8	327.8	2735
2735 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	327.8	2698
2735 >E	Marcy 345kV Voltage	SBK Edic R70	4.0	327.8	327.8	2768
2735 >E	Marcy 345kV Voltage	SBK Princetown 345	4.0	327.8	327.8	2540
2735 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	4.0	327.8	327.8	2735
2735 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.0	327.8	327.8	2540
2735 >E	Marcy 345kV Voltage	Ravenswood 3	4.0	327.8	327.8	2835
2736 >E	Edic 345kV Voltage	SBK Edic R70	4.0	327.8	327.4	2769
2737 >E	Clay 345kV Voltage	Marcy South S.	6.1	327.8	331.4	3272
2738 >E	Clay 345kV Voltage	SBK Princetown 345	4.0	327.8	328.4	2543
2738 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	4.0	327.8	328.4	2543

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\55_OS\Sum2023_CEVC_PH2_10_55_OS.xlsx

1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2739 >E	Clay 345kV Voltage	Ravenswood 3	4.0	327.8	328.3	2838
2739 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.3	320	336.7	1916
2740 >E	Pannell Road 345kV Voltage	Volney-Marcy	2.8	327.8	334.9	2668
2740 >E	Clay 345kV Voltage	SBK Edic R70	4.1	327.8	327.9	2773
2740 >E	Clay 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	327.9	2703
2741 >E	Clay 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.8	2741
2742 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	4.7	327.8	337.4	1917
2748 >E	Fraser 345kV Voltage	SBK Edic R945	3.3	327.8	343.8	1994
2748 >E	Gordon Rd 345kV Voltage	Marcy South S.	9.6	327.8	339.7	3279
2749 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	343.6	1995
2751 >E	New Scotland 345kV Voltage Alps	Pre-Fault	10.3	NA	348	2751
2751 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	10.3	NA	348	2751
2753 >E	Station 80 345kV Voltage	Volney-Marcy	3.5	327.8	335.5	2672
2756 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.1	327.8	340.3	1922
2759 >E	Fraser 345kV Voltage	Pre-Fault	5.5	NA	338	2759
2760 >E	Oakdale 345kV Voltage	Volney-Marcy	2.8	320	329.6	2674
2760 >E	Coopers Corners 345kV Voltage	SBK Edic R945	5.2	327.8	344.3	1997
2762 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	344.1	1998
2765 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.3	327.8	342.2	1924
2771 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	7.7	327.8	332.6	3076
2774 >E	Rock Tavern 345kV Voltage	Pre-Fault	17.4	NA	348	2774
2775 >E	Coopers Corners 345kV Voltage	Pre-Fault	7.5	NA	338	2775
2777 >E	Gilboa 345kV Voltage	Pre-Fault	11.3	NA	348	2777
2778 >E	Pannell Road 345kV Voltage	SBK Princetown 345	5.7	327.8	328.4	2577
2778 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	328.4	2577
2778 >E	Pannell Road 345kV Voltage	Ravenswood 3	5.7	327.8	328.4	2875
2779 >E	St.Lawrence 230kV Voltage	Pre-Fault	16.7	NA	225	2779
2780 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.7	327.8	343.1	1929
2780 >E	St.Lawrence 230kV Voltage	Marcy South N.	16.2	218.5	229.4	3469
2781 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	5.8	327.8	327.9	2741
2781 >E	Pannell Road 345kV Voltage	SBK Edic R70	5.8	327.8	327.8	2813
2781 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	5.8	327.8	327.8	2781
2781 >E	New Scotland 345kV Voltage Alps	Marcy South N.	9.8	327.8	351.5	3469
2781 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	9.8	327.8	351.5	3469
2789 >E	Pleasant Valley 345kV Voltage	Pre-Fault	25.3	NA	348	2789
2789 >E	Gordon Rd 345kV Voltage	Volney-Marcy	5.0	327.8	332.4	2684
2793 >E	Station 80 345kV Voltage	Ph2 DC 1500	8.9	327.8	332.6	3092
2795 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	11.7	327.8	338.1	3093
2798 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.6	320	321.4	2595
2798 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr	4.6	320	321.4	2595

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2799 >E	Oakdale 345kV Voltage	Ravenswood 3	4.6	320	321.2	2895
2802 >E	Oakdale 345kV Voltage	SBK Marcy R3108	7.0	320	341.1	2637
2803 >E	St.Lawrence 230kV Voltage	SBK Edic R945	10.8	218.5	227.8	2008
2804 >E	Pannell Road 345kV Voltage	Marcy South S.	9.3	327.8	331.9	3316
2804 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	4.7	320	320.2	2764
2804 >E	Station 80 345kV Voltage	Ravenswood 3	7.2	327.8	328.5	2899
2805 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	4.7	320	320.0	2805
2805 >E	Station 80 345kV Voltage	SBK Princetown 345	7.2	327.8	328.3	2601
2805 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	7.2	327.8	328.3	2601
2806 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	7.1	327.8	330.2	2766
2806 >E	Oakdale 345kV Voltage	SBK Edic R70	4.8	320	319.7	2839
2808 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	11.2	218.5	227.7	2010
2809 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	7.3	327.8	327.9	2768
2809 >E	Station 80 345kV Voltage	SBK Edic R70	7.4	327.8	327.9	2841
2809 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	7.3	327.8	327.8	2809
2810 >E	Gordon Rd 345kV Voltage	Ravenswood 3	7.5	327.8	329.6	2905
2812 >E	Buchanan South 345kV Voltage	Pre-Fault	31.8	NA	346	2812
2812 >E	St.Lawrence 230kV Voltage	Volney-Marcy	9.7	218.5	223.0	2691
2815 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	327.8	2774
2815 >E	Fraser 345kV Voltage	Volney-Marcy	5.5	327.8	327.8	2692
2815 >E	Fraser 345kV Voltage	SBK Edic R70	5.5	327.8	327.8	2847
2815 >E	Fraser 345kV Voltage	SBK Princetown 345	5.5	327.8	327.8	2609
2815 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	327.8	2815
2815 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	5.5	327.8	327.8	2609
2815 >E	Fraser 345kV Voltage	Ravenswood 3	5.5	327.8	327.8	2909
2823 >E	Oakdale 345kV Voltage	Ph2 DC 1500	6.9	320	326.5	3114
2825 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	7.7	327.8	327.8	2825
2826 >E	Watercure 230kV Voltage	Marcy South N.	12.5	207	229.0	3482
2830 >E	Marcy 345kV Voltage	SBK Marcy R3108	13.7	327.8	327.8	2651
2831 >E	Coopers Corners 345kV Voltage	Ravenswood 3	7.4	327.8	330.6	2924
2831 >E	Coopers Corners 345kV Voltage	Volney-Marcy	6.2	327.8	330.5	2697
2832 >E	Somerset 345kV Voltage	SBK Edic R945	6.6	327.8	344.5	2016
2835 >E	Gordon Rd 345kV Voltage	SBK Edic R70	7.9	327.8	326.5	2867
2836 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	344.2	2018
2839 >E	Somerset 345kV Voltage	Marcy South N.	12.2	327.8	348.6	3486
2840 >E	Station 80 345kV Voltage	Marcy South S.	10.9	327.8	331.9	3339
2841 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	7.3	327.8	329.2	2632

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2841 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	7.3	327.8	329.2	2632
2842 >E	Coopers Corners 345kV Voltage	SBK Edic R70	7.4	327.8	329.1	2874
2843 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	11.3	327.8	339.0	2657
2847 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	7.4	327.8	328.4	2806
2848 >E	Oakdale 345kV Voltage	Marcy South S.	7.4	320	323.8	3344
2851 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	7.5	327.8	327.8	2851
2853 >E	Ramapo 500kV Voltage	Ravenswood 3	35.9	500	504.8	2945
2862 >E	Watercure 230kV Voltage	SBK Edic R945	7.6	207	228.4	2024
2863 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	16.1	218.5	226.7	1954
2866 >E	Somerset 345kV Voltage	Volney-Marcy	6.7	327.8	341.0	2707
2868 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	7.9	207	228.3	2027
2873 >E	Ramapo 345kV Voltage	Pre-Fault	30.5	NA	346	2873
2879 >E	St.Lawrence 230kV Voltage	Ravenswood 3	16.5	218.5	219.0	2969
2879 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	8.7	327.8	342.1	1959
2882 >E	Ramapo 500kV Voltage	SBK Edic R945	27.1	500	506.3	2029
2887 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	27.8	500	506.3	2032
2887 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	16.7	218.5	218.5	2887
2888 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	16.8	218.5	218.5	2845
2890 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	16.8	218.5	218.3	2674
2890 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	16.8	218.5	218.3	2674
2892 >E	St.Lawrence 230kV Voltage	SBK Edic R70	17.3	218.5	218.2	2925
2896 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	7.5	327.8	334.0	2717
2896 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	7.5	327.8	334.0	2717
2901 >E	Ramapo 500kV Voltage	Ph2 DC 1500	49.5	500	506.1	3171
2909 >E	Somerset 345kV Voltage	Pre-Fault	14.7	NA	338	2909
2910 >E	Gilboa 345kV Voltage	SBK Edic R945	8.7	327.8	345.5	2036
2910 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	8.9	327.8	332.5	2866
2910 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	8.9	327.8	332.5	2866
2914 >E	Ladentown 345kV Voltage	Pre-Fault	30.8	NA	346	2914
2916 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	9.0	327.8	345.2	2040
2916 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	32.6	500	505.9	1970
2922 >E	Fraser 345kV Voltage	Marcy South S.	11.4	327.8	327.8	3392
2923 >E	Fraser 345kV Voltage	Ph2 DC 1500	11.0	327.8	327.8	3187
2925 >E	Somerset 345kV Voltage	SBK Marcy R3108	11.6	327.8	345.6	2697
2930 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	10.7	207	226.8	1974
2933 >E	New Scotland 345kV Voltage Alps	Marcy South S.	13.9	327.8	340.9	3399
2933 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	13.9	327.8	340.9	3399
2941 >E	Leeds 345kV Voltage	Pre-Fault	19.6	NA	345	2941
2942 >E	Roseton 345kV Voltage	Pre-Fault	26.6	NA	345	2942
2943 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	10.1	327.8	329.4	3029

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2943 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	10.1	327.8	329.4	3029
2951 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	10.3	327.8	340.8	2047
2951 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	10.3	327.8	340.8	2047
2957 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	10.6	327.8	340.5	2051
2957 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	10.6	327.8	340.5	2051
2958 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	10.3	327.8	327.9	2990
2958 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	10.3	327.8	327.9	2990
2959 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	10.3	327.8	327.8	2959
2959 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	10.3	327.8	327.8	2959
2970 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	11.1	327.8	342.8	1987
2974 >E	Ramapo 500kV Voltage	Volney-Marcy	31.2	500	501.6	2741
2976 >E	Gordon Rd 345kV Voltage	SBK Edic R945	11.6	327.8	327.5	2054
2978 >E	Gilboa 345kV Voltage	Volney-Marcy	10.2	327.8	330.2	2742
2981 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	15.3	327.8	331.9	3229
2984 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	11.9	327.8	327.1	2058
2985 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	10.8	327.8	329.5	2938
2994 >E	Bowline 1 345kV Voltage	Pre-Fault	30.7	NA	345	2994
2997 >E	Gilboa 345kV Voltage	Ravenswood 3	11.2	327.8	328.5	3080
3005 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	11.3	327.8	327.8	3005
3006 >E	Gilboa 345kV Voltage	SBK Edic R70	11.3	327.8	327.7	3038
3008 >E	Bowline 2 345kV Voltage	Pre-Fault	30.7	NA	345	3008
3017 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	11.5	327.8	326.7	2784
3017 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	15.5	327.8	337.6	3255
3017 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	15.5	327.8	337.6	3255
3017 >E	Gilboa 345kV Voltage	SBK Princetown 345	11.5	327.8	326.7	2784
3022 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	37.3	500	500.4	2973
3022 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	11.5	327.8	321.7	2788
3022 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	11.5	327.8	321.7	2788
3024 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	37.9	500	500.3	2790
3024 >E	Ramapo 500kV Voltage	SBK Princetown 345	37.9	500	500.3	2790
3024 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	11.5	327.8	321.5	2790
3024 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	11.5	327.8	321.5	2790
3029 >E	Ramapo 500kV Voltage	SBK Edic R70	37.9	500	500.2	3061
3036 >E	Ramapo 500kV Voltage	Pre-Fault	38.3	NA	500	3036
3036 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	38.3	500	500.0	3036
3037 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	13.5	327.8	336.7	2007
3037 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	13.5	327.8	336.7	2007

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3038 >E	Somerset 345kV Voltage	Ravenswood 3	14.2	327.8	329.2	3118
3043 >E	Rock Tavern 345kV Voltage	SBK Edic R945	15.8	327.8	344.7	2071
3048 >E	Somerset 345kV Voltage	Ph2 DC 1500	16.7	327.8	333.9	3277
3049 >E	Somerset 345kV Voltage	SBK Princetown 345	14.4	327.8	328.5	2811
3049 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	14.4	327.8	328.5	2811
3050 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	36.0	218.5	223.2	3279
3052 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	16.2	327.8	344.5	2077
3056 >E	Somerset 345kV Voltage	SBK Edic R70	14.7	327.8	328.0	3088
3057 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	14.6	327.8	327.9	3008
3059 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	14.7	327.8	327.8	3059
3060 >E	Dunwoodie 345kV Voltage	Ravenswood 3	32.5	327.8	335.1	3139
3062 >E	Niagara 230kV East Voltage	Volney-Marcy	26.1	218.5	226.7	2768
3062 >E	Niagara 230kV West Voltage	Volney-Marcy	26.1	218.5	226.7	2768
3063 >E	Sprain Brook 345kV Voltage	Ravenswood 3	32.5	327.8	335.1	3142
3063 >E	Niagara 230kV East Voltage	SBK Edic R945	26.8	218.5	229.6	2077
3063 >E	Niagara 230kV West Voltage	SBK Edic R945	26.8	218.5	229.6	2077
3064 >E	St.Lawrence 230kV Voltage	Marcy South S.	34.1	218.5	221.4	3483
3067 >E	Niagara 345kV Voltage	SBK Edic R945	13.0	327.8	349.5	2078
3069 >E	Rock Tavern 345kV Voltage	Ravenswood 3	17.3	327.8	331.1	3147
3075 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	27.6	218.5	229.4	2083
3075 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	27.6	218.5	229.4	2083
3079 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	13.4	327.8	349.2	2084
3085 >E	Rock Tavern 345kV Voltage	Volney-Marcy	15.5	327.8	330.1	2776
3086 >E	Gilboa 345kV Voltage	Marcy South S.	18.3	327.8	337.6	3498
3090 >E	Fraser 345kV Voltage	SBK Marcy R3108	18.0	327.8	327.8	2776
3105 >E	Niagara 345kV Voltage	Volney-Marcy	13.0	327.8	345.3	2782
3106 >E	Watercure 230kV Voltage	SBK Marcy R3108	18.9	207	228.8	2785
3117 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	17.2	327.8	328.3	3065
3118 >E	Rock Tavern 345kV Voltage	SBK Edic R70	17.4	327.8	328.3	3149
3118 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	17.3	327.8	328.3	2871
3118 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	17.3	327.8	328.2	2872
3125 >E	Buchanan North 345kV Voltage	Ravenswood 3	30.2	327.8	333.9	3200
3126 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	17.4	327.8	327.8	3126
3129 >E	Millwood 345kV Voltage	Ravenswood 3	29.8	327.8	334.6	3204
3134 >E	Fraser 345kV Voltage	Marcy South N.	19.1	327.8	327.8	3570
3134 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	19.8	327.8	342.8	2036
3142 >E	Watercure 230kV Voltage	Volney-Marcy	17.7	207	233.4	2793
3149 >E	Gilboa 345kV Voltage	Marcy South N.	19.7	327.8	343.5	3574
3171 >E	Niagara 230kV East Voltage	Pre-Fault	65.3	NA	225	3171

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3171 >E	Niagara 230kV West Voltage	Pre-Fault	65.3	NA	225	3171
3177 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	44.7	218.5	224.6	2819
3178 >E	Somerset 345kV Voltage	Marcy South S.	20.5	327.8	334.3	3557
3185 >E	Buchanan South 345kV Voltage	Ravenswood 3	29.6	327.8	334.3	3255
3194 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	36.0	218.5	228.4	2054
3194 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	36.0	218.5	228.4	2054
3195 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	17.3	327.8	346.6	2055
3210 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	24.5	327.8	331.4	3279
3216 >E	Gilboa 345kV Voltage	Ph2 DC 1500	20.6	327.8	332.1	3400
3226 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	21.2	327.8	336.5	2843
3226 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	21.2	327.8	336.5	2843
3243 >E	Niagara 345kV Voltage	Marcy South N.	23.5	327.8	352.7	3601
3254 >E	Niagara 230kV East Voltage	Marcy South N.	47.0	218.5	231.6	3604
3254 >E	Niagara 230kV West Voltage	Marcy South N.	47.0	218.5	231.6	3604
3254 >E	Buchanan North 345kV Voltage	SBK Edic R945	30.4	327.8	339.6	2127
3263 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	23.5	327.8	329.3	2831
3267 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	31.1	327.8	339.4	2135
3270 >E	Buchanan North 345kV Voltage	Volney-Marcy	29.2	327.8	329.4	2833
3270 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	24.3	327.8	329.0	3213
3279 >E	Leeds 345kV Voltage	Volney-Marcy	19.6	327.8	327.8	2836
3279 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	19.6	327.8	327.8	3279
3279 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	19.6	327.8	327.8	3010
3279 >E	Leeds 345kV Voltage	Ravenswood 3	19.6	327.8	327.8	3343
3279 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	19.6	327.8	327.8	3221
3279 >E	Leeds 345kV Voltage	SBK Princetown 345	19.6	327.8	327.8	3010
3279 >E	Leeds 345kV Voltage	SBK Edic R70	19.6	327.8	327.8	3309
3283 >E	Ramapo 345kV Voltage	Ravenswood 3	29.6	327.8	332.5	3347
3287 >E	Leeds 345kV Voltage	Marcy South N.	23.5	327.8	348.4	3613
3291 >E	Ramapo 345kV Voltage	SBK Edic R945	26.4	327.8	343.4	2136
3298 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	25.3	327.8	327.9	3329
3301 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	25.3	327.8	327.8	3301
3303 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	31.4	327.8	328.4	3244
3304 >E	Dunwoodie 345kV Voltage	Volney-Marcy	34.7	327.8	328.5	2843
3305 >E	Ladentown 345kV Voltage	Ravenswood 3	29.4	327.8	333.3	3368
3306 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	27.0	327.8	343.2	2145
3306 >E	Sprain Brook 345kV Voltage	Volney-Marcy	34.6	327.8	328.5	2844
3307 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	35.5	327.8	328.4	3248
3308 >E	Gardenville 230kV Voltage	SBK Edic R945	24.1	207	229.2	2141
3310 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	35.5	327.8	328.4	3252
3314 >E	Roseton 345kV Voltage	Ravenswood 3	25.9	327.8	331.0	3377

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3315 >E	Millwood 345kV Voltage	Volney-Marcy	30.4	327.8	328.9	2847
3315 >E	Buchanan North 345kV Voltage	SBK Edic R70	32.2	327.8	328.0	3346
3322 >E	Buchanan North 345kV Voltage	Princeton-N.Scot 345	32.3	327.8	327.8	3322
3322 >E	Niagara 345kV Voltage	Pre-Fault	29.9	NA	338	3322
3323 >E	Dunwoodie 345kV Voltage	SBK Edic R70	36.5	327.8	327.9	3354
3326 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	32.4	327.8	327.7	3051
3326 >E	Buchanan North 345kV Voltage	SBK Princeton 345	32.3	327.8	327.7	3051
3326 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	31.5	327.8	328.5	3267
3326 >E	Sprain Brook 345kV Voltage	SBK Edic R70	36.5	327.8	327.9	3357
3328 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	28.8	327.8	324.4	2892
3328 >E	Dunwoodie 345kV Voltage	Princeton-N.Scot 345	36.6	327.8	327.8	3328
3330 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	25.0	207	229.1	2152
3330 >E	Ramapo 500kV Voltage	Marcy South N.	80.7	500	505.2	3626
3332 >E	Sprain Brook 345kV Voltage	Princeton-N.Scot 345	36.6	327.8	327.8	3332
3334 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	26.1	327.8	326.5	3058
3335 >E	Pleasant Valley 345kV Voltage	SBK Princeton 345	26.1	327.8	326.5	3059
3344 >E	Buchanan South 345kV Voltage	Volney-Marcy	29.3	327.8	329.3	2856
3345 >E	Millwood 345kV Voltage	SBK Edic R70	32.4	327.8	328.0	3375
3349 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	37.2	327.8	327.2	3071
3349 >E	Dunwoodie 345kV Voltage	SBK Princeton 345	37.2	327.8	327.2	3071
3350 >E	Millwood 345kV Voltage	Princeton-N.Scot 345	32.5	327.8	327.8	3350
3352 >E	Bowline 1 345kV Voltage	Ravenswood 3	29.4	327.8	333.3	3412
3352 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	37.2	327.8	327.2	3073
3353 >E	Roseton 345kV Voltage	Volney-Marcy	24.6	327.8	329.5	2859
3353 >E	Sprain Brook 345kV Voltage	SBK Princeton 345	37.2	327.8	327.2	3074
3356 >E	Ramapo 345kV Voltage	Volney-Marcy	27.2	327.8	330.1	2860
3364 >E	Niagara 345kV Voltage	SBK Marcy R3108	23.7	327.8	350.2	2910
3365 >E	Bowline 2 345kV Voltage	Ravenswood 3	29.4	327.8	333.4	3424
3365 >E	Ladentown 345kV Voltage	SBK Edic R945	27.8	327.8	343.8	2156
3368 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	30.9	327.8	328.5	3307
3371 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	33.1	327.8	327.2	3090
3371 >E	Millwood 345kV Voltage	SBK Princeton 345	33.1	327.8	327.2	3090
3376 >E	Gardenville 230kV Voltage	Volney-Marcy	25.3	207	224.2	2866
3377 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	36.9	327.8	337.9	2110
3380 >E	Niagara 230kV East Voltage	SBK Marcy R3108	50.2	218.5	229.8	2917
3380 >E	Niagara 230kV West Voltage	SBK Marcy R3108	50.2	218.5	229.8	2917

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3380 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	28.4	327.8	343.6	2166
3381 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	25.9	327.8	328.5	3319
3385 >E	Buchanan South 345kV Voltage	SBK Edic R70	31.8	327.8	328.0	3416
3391 >E	Buchanan South 345kV Voltage	Princeton-N.Scot 345	31.8	327.8	327.8	3391
3393 >E	Roseton 345kV Voltage	SBK Edic R70	26.5	327.8	328.0	3424
3399 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	26.6	327.8	327.8	3399
3400 >E	Buchanan South 345kV Voltage	SBK Edic R945	33.1	327.8	340.0	2165
3403 >E	Ladentown 345kV Voltage	Volney-Marcy	27.7	327.8	330.1	2874
3404 >E	Watercure 230kV Voltage	Ph2 DC 1500	30.6	207	215.6	3537
3405 >E	Bowline 1 345kV Voltage	SBK Edic R945	27.6	327.8	344.9	2166
3405 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	32.2	327.8	327.4	3119
3406 >E	Buchanan South 345kV Voltage	SBK Princeton 345	32.2	327.8	327.3	3120
3407 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	29.8	327.8	328.5	3345
3409 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	26.8	327.8	327.4	3122
3409 >E	Roseton 345kV Voltage	SBK Princeton 345	26.8	327.8	327.4	3123
3415 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	33.8	327.8	339.8	2175
3418 >E	Bowline 2 345kV Voltage	SBK Edic R945	27.6	327.8	345.5	2170
3419 >E	Ramapo 345kV Voltage	SBK Edic R70	30.4	327.8	328.1	3449
3421 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	28.2	327.8	344.6	2177
3424 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	30.4	327.8	327.9	3136
3424 >E	Ramapo 345kV Voltage	SBK Princeton 345	30.4	327.8	327.9	3136
3427 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	30.5	327.8	327.8	3427
3429 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	32.3	327.8	341.5	2126
3432 >E	Millwood 345kV Voltage	SBK Edic R945	37.0	327.8	338.0	2173
3435 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	28.2	327.8	345.2	2180
3446 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	37.7	327.8	337.9	2183
3446 >E	Bowline 1 345kV Voltage	Volney-Marcy	27.6	327.8	330.3	2888
3451 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	30.0	327.8	328.5	3387
3458 >E	Bowline 2 345kV Voltage	Volney-Marcy	27.6	327.8	330.3	2892
3462 >E	Ramapo 500kV Voltage	Marcy South S.	90.9	500	498.5	3741
3466 >E	Ladentown 345kV Voltage	SBK Edic R70	30.7	327.8	328.0	3496
3470 >E	Sprain Brook 345kV Voltage	SBK Edic R945	44.9	327.8	336.4	2183
3474 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	30.8	327.8	327.8	3474
3475 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	30.8	327.8	327.7	3180
3476 >E	Ladentown 345kV Voltage	SBK Princeton 345	30.8	327.8	327.7	3180
3477 >E	Niagara 230kV East Voltage	Ravenswood 3	57.5	218.5	220.3	3529
3477 >E	Niagara 230kV West Voltage	Ravenswood 3	57.5	218.5	220.3	3529

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3479 >E	Dunwoodie 345kV Voltage	SBK Edic R945	45.6	327.8	336.3	2186
3484 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	45.7	327.8	336.3	2194
3491 >E	Leeds 345kV Voltage	Marcy South S.	30.3	327.8	337.9	3760
3493 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	46.4	327.8	336.1	2196
3498 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	30.0	327.8	328.6	3432
3499 >E	Ramapo 500kV Voltage	SBK Marcy R3108	93.4	500	501.2	2975
3503 >E	Gardenville 230kV Voltage	Marcy South N.	36.7	207	230.2	3675
3508 >E	Roseton 345kV Voltage	SBK Edic R945	31.4	327.8	341.6	2193
3511 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	29.9	327.8	328.6	3445
3514 >E	Bowline 1 345kV Voltage	SBK Edic R70	30.6	327.8	328.1	3544
3516 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	33.9	327.8	341.8	2152
3522 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	30.7	327.8	327.8	3522
3524 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	30.7	327.8	327.7	3222
3524 >E	Bowline 1 345kV Voltage	SBK Princetown 345	30.7	327.8	327.7	3222
3524 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	32.1	327.8	341.3	2205
3528 >E	Bowline 2 345kV Voltage	SBK Edic R70	30.6	327.8	328.1	3558
3536 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	30.7	327.8	327.8	3536
3537 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	30.7	327.8	327.7	3233
3538 >E	Bowline 2 345kV Voltage	SBK Princetown 345	30.7	327.8	327.7	3234
3540 >E	Gilboa 345kV Voltage	SBK Marcy R3108	31.0	327.8	331.5	2995
3544 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	35.0	327.8	336.1	2203
3552 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	33.6	207	227.5	2163
3552 >E	Niagara 345kV Voltage	Ravenswood 3	27.9	327.8	330.3	3599
3553 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	40.0	327.8	338.0	2163
3556 >E	Niagara 230kV East Voltage	SBK Princetown 345	62.6	218.5	219.1	3250
3556 >E	Niagara 230kV West Voltage	SBK Princetown 345	62.6	218.5	219.1	3250
3556 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	62.6	218.5	219.1	3250
3556 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	62.6	218.5	219.1	3250
3556 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	35.5	327.8	335.8	2213
3565 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	33.7	327.8	342.7	2167
3575 >E	Niagara 230kV East Voltage	SBK Edic R70	64.2	218.5	218.8	3605
3575 >E	Niagara 230kV West Voltage	SBK Edic R70	64.2	218.5	218.8	3605
3581 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	33.7	327.8	343.3	2172
3582 >E	Pleasant Valley 345kV Voltage	Marcy South N.	41.7	327.8	341.8	3697
3587 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	44.3	327.8	336.0	2174
3590 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	64.9	218.5	218.6	3521
3590 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	64.9	218.5	218.6	3521

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3596 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	65.3	218.5	218.5	3596
3596 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	65.3	218.5	218.5	3596
3599 >E	Niagara 345kV Voltage	SBK Princetown 345	29.1	327.8	328.8	3287
3599 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	29.1	327.8	328.8	3287
3603 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	38.0	327.8	332.7	3682
3618 >E	Niagara 345kV Voltage	SBK Edic R70	29.8	327.8	328.1	3647
3623 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	29.8	327.8	327.9	3553
3628 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	29.9	327.8	327.8	3628
3633 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	53.8	327.8	334.6	2188
3644 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	54.6	327.8	334.5	2191
3680 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	37.9	327.8	338.9	2202
3684 >E	Niagara 345kV Voltage	Ph2 DC 1500	34.7	327.8	335.7	3741
3700 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	54.7	327.8	333.6	3752
3700 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	41.0	327.8	333.2	2208
3714 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	43.1	327.8	333.0	3763
3739 >E	Niagara 230kV East Voltage	Ph2 DC 1500	76.3	218.5	223.3	3781
3739 >E	Niagara 230kV West Voltage	Ph2 DC 1500	76.3	218.5	223.3	3781
3775 >E	Niagara 230kV East Voltage	Marcy South S.	80.1	218.5	222.7	3943
3775 >E	Niagara 230kV West Voltage	Marcy South S.	80.1	218.5	222.7	3943
3828 >E	Millwood 345kV Voltage	Ph2 DC 1500	56.4	327.8	332.8	3846
3834 >E	Coopers Corners 345kV Voltage	Marcy South N.	36.7	327.8	304.3	3769
3853 >E	Gardenville 230kV Voltage	SBK Marcy R3108	45.3	207	227.6	3147
3857 >E	Pleasant Valley 345kV Voltage	Marcy South S.	56.3	327.8	333.0	3996
3859 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	54.5	327.8	333.8	3868
3874 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	67.3	327.8	331.9	3880
3883 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	68.0	327.8	331.8	3886
3893 >E	Gardenville 230kV Voltage	Pre-Fault	71.7	NA	217	3893
3897 >E	Ramapo 345kV Voltage	Ph2 DC 1500	52.6	327.8	335.0	3896
3909 >E	Leeds 345kV Voltage	SBK Edic R945	41.2	327.8	327.8	2299
3909 >E	Leeds 345kV Voltage	Ph2 DC 1500	41.2	327.8	327.8	3905
3909 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	41.2	327.8	327.8	2309
3909 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	41.2	327.8	327.8	2271
3916 >E	Niagara 345kV Voltage	Marcy South S.	40.0	327.8	336.4	4034
3966 >E	Ladentown 345kV Voltage	Ph2 DC 1500	52.4	327.8	335.6	3946
4047 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	52.3	327.8	336.1	4005
4070 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	52.2	327.8	336.9	4022
4076 >E	Roseton 345kV Voltage	Ph2 DC 1500	52.7	327.8	332.9	4027
4242 >E	Millwood 345kV Voltage	Marcy South N.	76.6	327.8	335.9	3885
4264 >E	Roseton 345kV Voltage	Marcy South N.	59.6	327.8	338.2	3891
4324 >E	Dunwoodie 345kV Voltage	Marcy South N.	92.1	327.8	334.2	3908

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4330 >E	Sprain Brook 345kV Voltage	Marcy South N.	91.9	327.8	334.2	3910
4340 >E	Gardenville 230kV Voltage	Ravenswood 3	61.8	207	210.8	4336
4359 >E	Gardenville 230kV Voltage	Marcy South S.	64.0	207	215.8	4320
4396 >E	Rainey 345kV Voltage	Ravenswood 3	81.5	327.8	340.4	4389
4451 >E	Gardenville 230kV Voltage	SBK Princetown 345	66.1	207	209.2	4023
4452 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	66.1	207	209.2	4023
4497 >E	Farragut 345kV Voltage	Ravenswood 3	86.0	327.8	339.6	4483
4497 >E	Leeds 345kV Voltage	SBK Marcy R3108	60.4	327.8	327.8	3459
4503 >E	Buchanan North 345kV Voltage	Marcy South N.	88.5	327.8	333.2	3959
4512 >E	Buchanan South 345kV Voltage	Marcy South N.	81.8	327.8	335.7	3962
4557 >E	Gardenville 230kV Voltage	SBK Edic R70	69.8	207	207.7	4584
4583 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	70.8	207	207.4	4478
4597 >E	Rock Tavern 345kV Voltage	Marcy South N.	67.4	327.8	324.3	3986
4609 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	71.7	207	207.0	4609
4612 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	76.3	327.8	323.1	3514
4674 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	82.0	327.8	327.0	3545
4687 >E	Rainey 345kV Voltage	Pre-Fault	120.2	NA	338	4687
4700 >E	Farragut 345kV Voltage	Pre-Fault	125.1	NA	338	4700
4940 >E	Millwood 345kV Voltage	Marcy South S.	112.4	327.8	320.5	4695
5032 >E	Dunwoodie 345kV Voltage	Marcy South S.	135.2	327.8	321.2	4755
5044 >E	Sprain Brook 345kV Voltage	Marcy South S.	134.8	327.8	321.0	4762
5045 >E	Roseton 345kV Voltage	Marcy South S.	88.8	327.8	319.9	4763
5074 >E	Ramapo 345kV Voltage	Marcy South N.	93.8	327.8	332.5	4122
5107 >E	Gardenville 230kV Voltage	Ph2 DC 1500	91.8	207	216.2	4777
5148 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	124.8	327.8	324.5	3775
5270 >E	Ladentown 345kV Voltage	Marcy South N.	98.0	327.8	334.4	4178
5275 >E	Goethals 345kV Voltage	Ravenswood 3	117.0	327.8	338.4	5210
5347 >E	Goethals 345kV Voltage	Pre-Fault	169.4	NA	338	5347
5384 >E	Millwood 345kV Voltage	SBK Marcy R3108	131.4	327.8	324.0	3889
5423 >E	Buchanan South 345kV Voltage	Marcy South S.	121.8	327.8	314.8	5007
5442 >E	Roseton 345kV Voltage	SBK Marcy R3108	102.7	327.8	324.7	3917
5504 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	158.7	327.8	323.8	3947
5519 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	160.5	327.8	323.8	3954
5542 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	128.7	327.8	323.8	3966
5544 >E	Buchanan North 345kV Voltage	Marcy South S.	133.8	327.8	310.2	5085
5670 >E	Ramapo 345kV Voltage	SBK Marcy R3108	122.7	327.8	323.1	4028
5698 >E	Bowline 1 345kV Voltage	Marcy South N.	107.9	327.8	334.8	4300
5730 >E	Bowline 2 345kV Voltage	Marcy South N.	107.5	327.8	335.0	4309
5760 >E	Rainey 345kV Voltage	Volney-Marcy	114.2	327.8	329.1	3607
5811 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	116.5	327.8	328.6	5660

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5817 >E	Farragut 345kV Voltage	Volney-Marcy	118.7	327.8	329.1	3625
5869 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	121.1	327.8	328.7	5716
5903 >E	Rainey 345kV Voltage	SBK Edic R70	120.0	327.8	327.9	5926
5913 >E	Rainey 345kV Voltage	Princeton-N.Scot 345	120.2	327.8	327.8	5913
5963 >E	Farragut 345kV Voltage	SBK Edic R70	124.7	327.8	327.9	5986
5976 >E	Farragut 345kV Voltage	Princeton-N.Scot 345	125.1	327.8	327.8	5976
5983 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	122.4	327.8	327.2	5347
5985 >E	Rainey 345kV Voltage	SBK Princeton 345	122.5	327.8	327.2	5348
5996 >E	Ladentown 345kV Voltage	SBK Marcy R3108	129.3	327.8	323.0	4185
6047 >E	Farragut 345kV Voltage	SBK Princeton 345	127.3	327.8	327.2	5402
6047 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	127.4	327.8	327.2	5402
6217 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	129.8	327.8	322.4	4293
6284 >E	Watercure 230kV Voltage	Marcy South S.	141.2	207	239.4	5563
6479 >E	Rainey 345kV Voltage	SBK Edic R945	141.5	327.8	341.1	2973
6529 >E	Farragut 345kV Voltage	SBK Edic R945	146.3	327.8	340.9	2986
6548 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	144.1	327.8	340.9	3024
6598 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	148.9	327.8	340.7	3037
6614 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	142.1	327.8	322.4	4485
6701 >E	Ramapo 345kV Voltage	Marcy South S.	150.2	327.8	296.5	5833
6848 >E	Ladentown 345kV Voltage	Marcy South S.	152.7	327.8	296.4	5928
6881 >E	Goethals 345kV Voltage	Volney-Marcy	161.5	327.8	328.9	3955
6932 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	163.9	327.8	328.6	6739
7024 >E	Rock Tavern 345kV Voltage	Marcy South S.	140.9	327.8	259.6	6041
7060 >E	Goethals 345kV Voltage	SBK Edic R70	169.0	327.8	327.9	7078
7075 >E	Goethals 345kV Voltage	Princeton-N.Scot 345	169.4	327.8	327.8	7075
7169 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	172.6	327.8	327.2	6372
7170 >E	Goethals 345kV Voltage	SBK Princeton 345	172.6	327.8	327.2	6372
7218 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	168.8	327.8	338.5	3274
7269 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	174.2	327.8	338.4	3290
7526 >E	Bowline 1 345kV Voltage	Marcy South S.	168.4	327.8	288.7	6366
7572 >E	Bowline 2 345kV Voltage	Marcy South S.	167.5	327.8	288.5	6395
7828 >E	Goethals 345kV Voltage	SBK Edic R945	198.6	327.8	340.8	3327
7919 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	202.1	327.8	340.6	3395
8135 >E	Rainey 345kV Voltage	Ph2 DC 1500	203.3	327.8	335.3	6983
8181 >E	Farragut 345kV Voltage	Ph2 DC 1500	209.2	327.8	335.3	7016
8799 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	235.8	327.8	338.4	3753
9111 >E	Coopers Corners 345kV Voltage	Marcy South S.	159.0	327.8	-18.8	7389
9846 >E	Goethals 345kV Voltage	Ph2 DC 1500	276.6	327.8	335.8	8228

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
10248 >E	Northport 138kV Voltage	Pre-Fault	853.2	NA	135	10248
10674 >E	Rainey 345kV Voltage	Marcy South N.	297.0	327.8	337.3	5716
10787 >E	Farragut 345kV Voltage	Marcy South N.	307.3	327.8	337.2	5748
12011 >E	Northport 138kV Voltage	Ravenswood 3	746.3	131.1	132.9	11511
13232 >E	Northport 138kV Voltage	Volney-Marcy	825.7	131.1	131.5	5929
13273 >E	Northport 138kV Voltage	N.Scot-Leeds 345	829.6	131.1	131.5	12846
13545 >E	Northport 138kV Voltage	SBK Edic R70	851.1	131.1	131.1	13543
13576 >E	Northport 138kV Voltage	Princetown-N.Scot 345	853.2	131.1	131.1	13576
13660 >E	Goethals 345kV Voltage	Marcy South N.	422.7	327.8	336.9	6566
13748 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	866.0	131.1	130.9	12057
13762 >E	Northport 138kV Voltage	SBK Princetown 345	867.1	131.1	130.9	12068
13900 >E	Rainey 345kV Voltage	Marcy South S.	418.2	327.8	318.3	10482
14048 >E	Farragut 345kV Voltage	Marcy South S.	432.3	327.8	318.5	10578
16212 >E	Rainey 345kV Voltage	SBK Marcy R3108	503.2	327.8	321.9	9139
16359 >E	Farragut 345kV Voltage	SBK Marcy R3108	518.9	327.8	322.1	9210
18017 >E	Goethals 345kV Voltage	Marcy South S.	591.9	327.8	318.9	13141
18676 >E	Northport 138kV Voltage	SBK Edic R945	1253.0	131.1	137.3	6175
18961 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1275.4	131.1	137.2	6386
20738 >E	Northport 138kV Voltage	Ph2 DC 1500	1415.9	131.1	136.5	16161
21654 >E	Goethals 345kV Voltage	SBK Marcy R3108	731.1	327.8	321.5	11777
21788	Northport 138kV Voltage	Marcy-N.Scot99 345	1496.2	131.1	136.1	7690

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

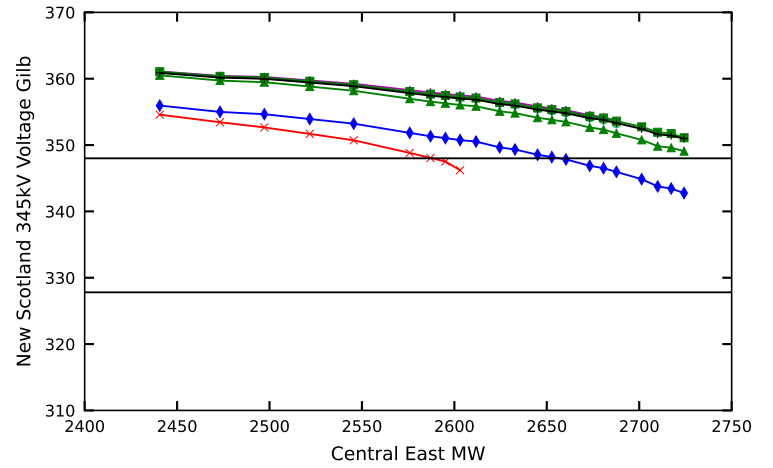
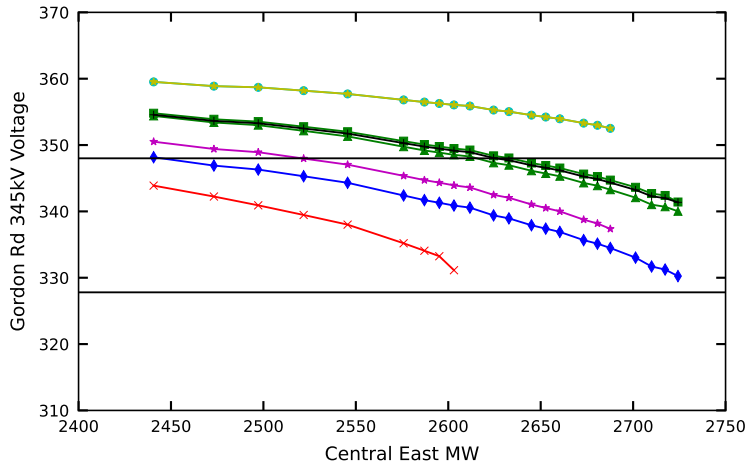
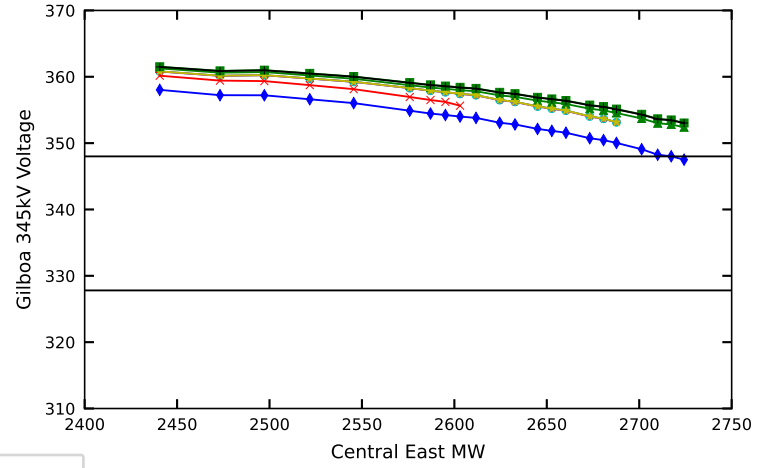
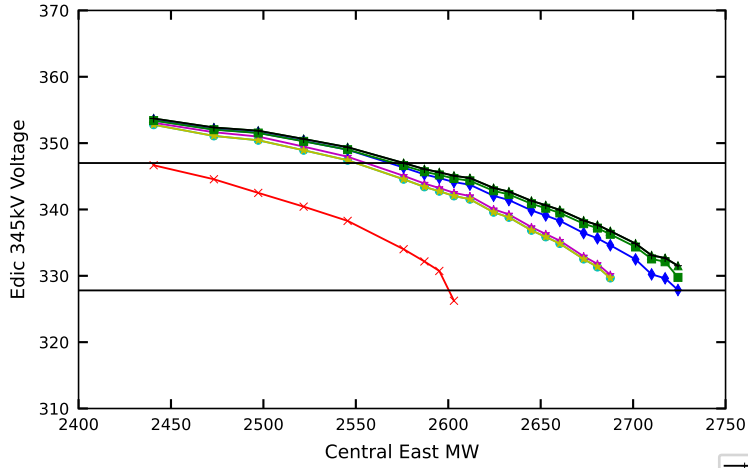
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1: 2023S CEVC PH2 CE2440 MS2270 DE1300 10 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
33965	Northport 138kV Voltage	Marcy South N.	2467.0	131.1	134.9	12346
>E						
60347	Northport 138kV Voltage	Marcy South S.	4526.6	131.1	123.2	40482
>E						
64915	Northport 138kV Voltage	SBK Marcy R3108	4873.8	131.1	127.7	32753
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 D1b Ckt Twr 345	NA	207	NA	99998
>E						
99999	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99999
>E						

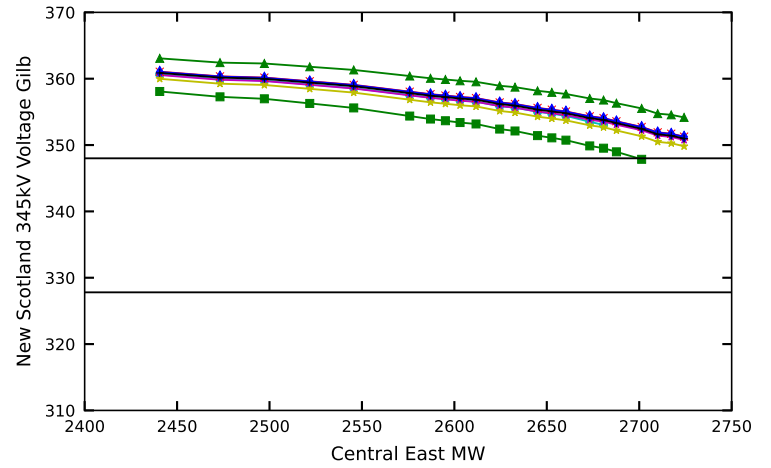
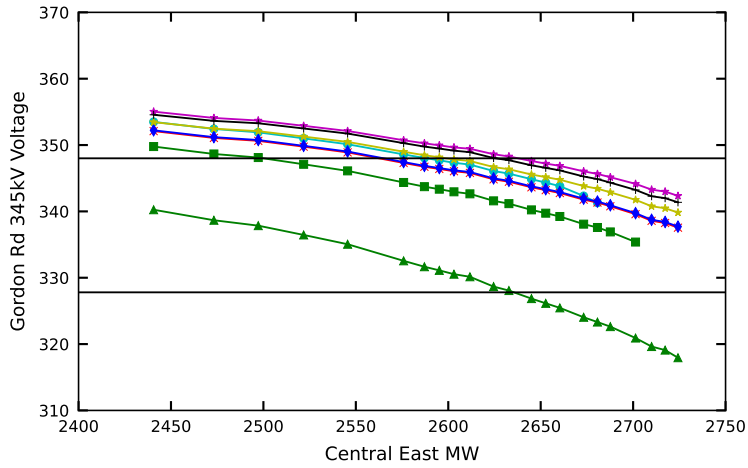
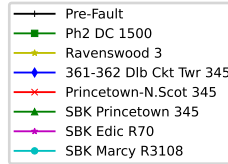
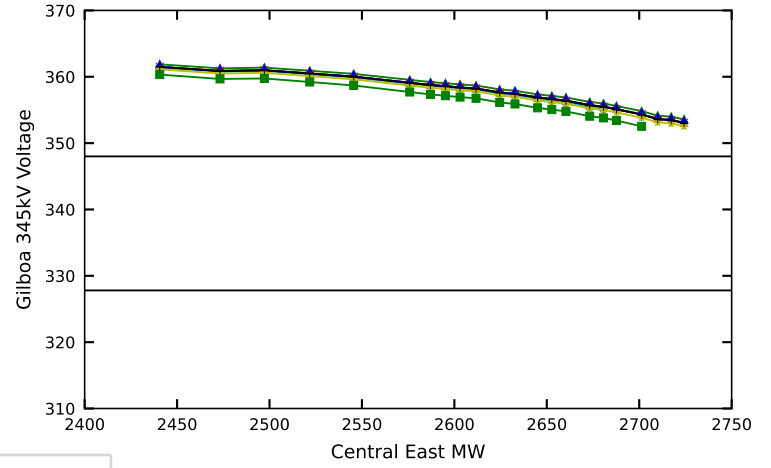
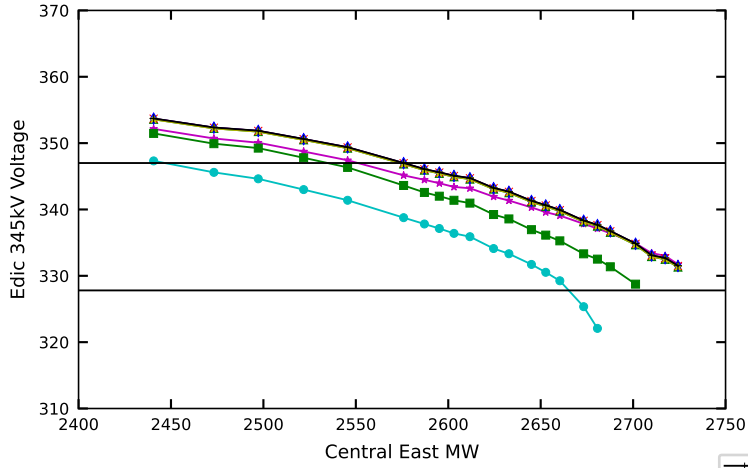
Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS Figure 1

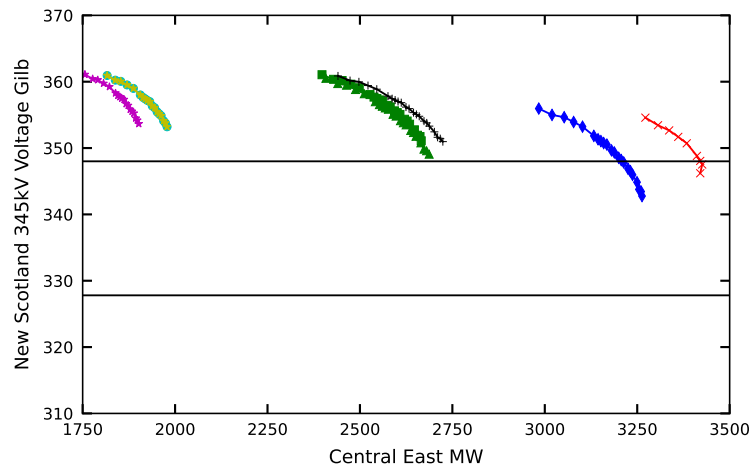
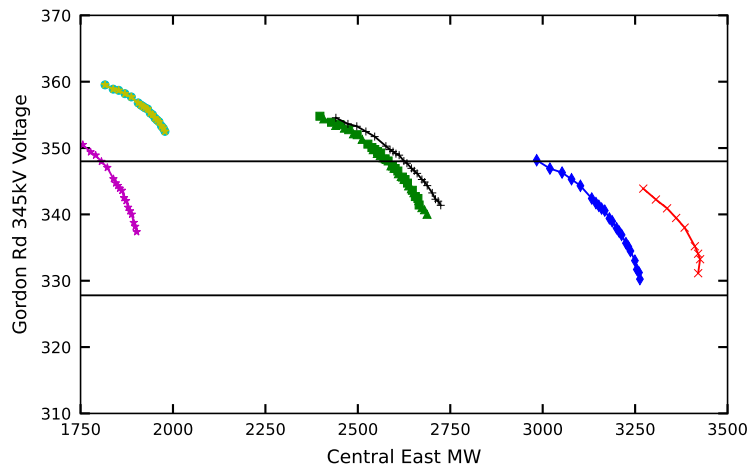
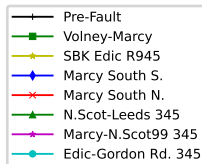
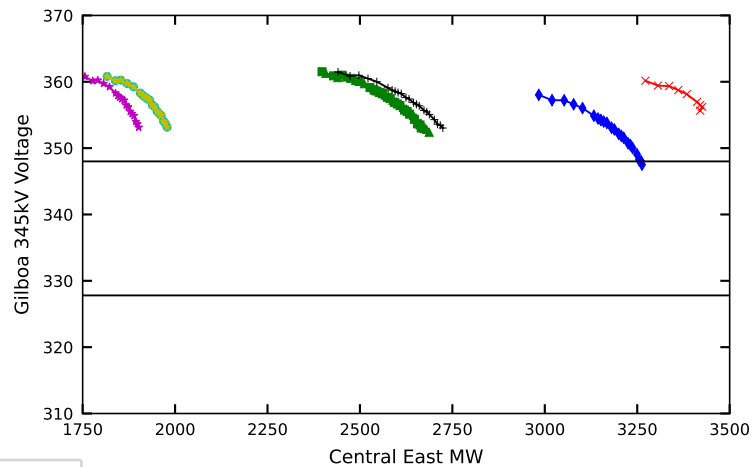
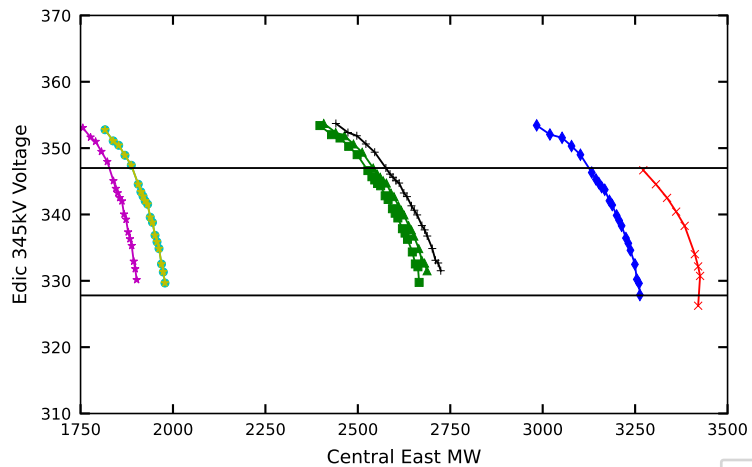


- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

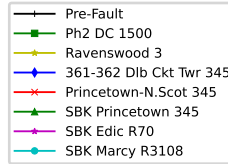
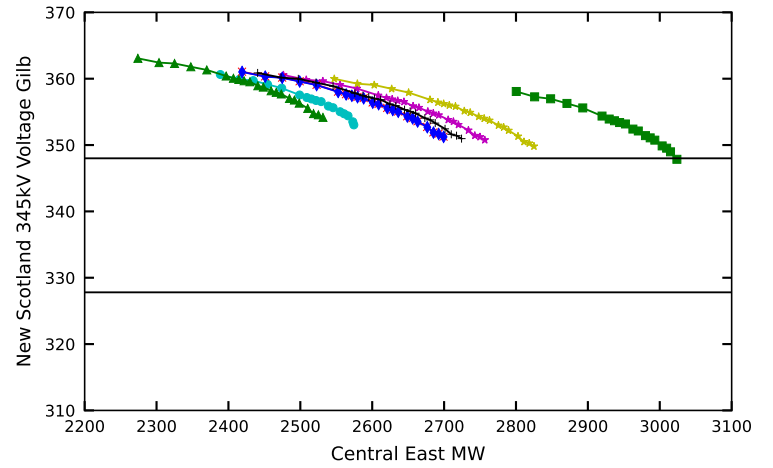
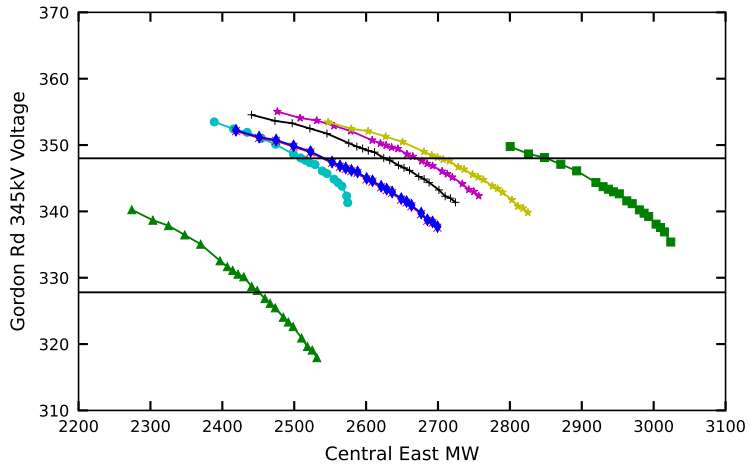
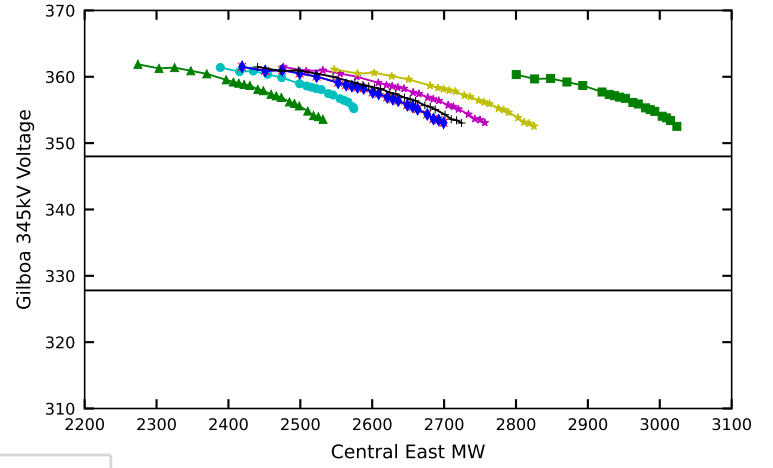
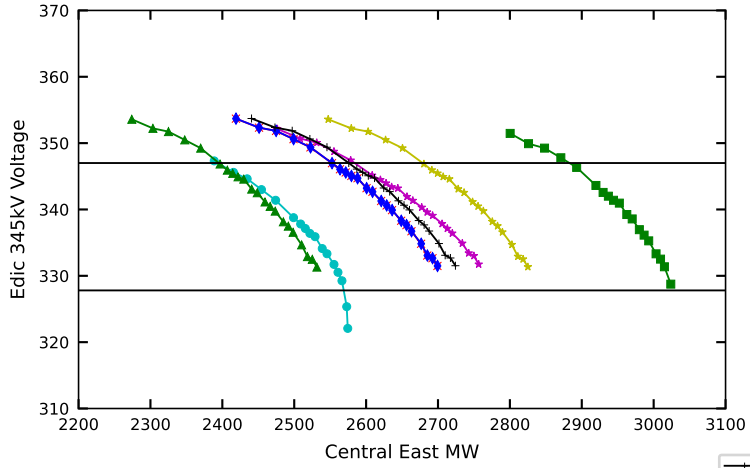
1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS Figure 2



1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS Figure 1



1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 1O 361_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2440	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2473	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2497	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2521	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2545	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2575	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2587	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2595	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2603	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2611	t1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	0															
2624	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2632	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2644	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2652	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2660	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2673	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2680	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2687	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	8															
2701	t1	0	2	1	0	2	0	2	0	2	0	0	0	0	0	0
	9															
2709	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	0															
2717	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	1															
2724	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	2															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\361_OS\Sum2023_CEVC_PH2_10_361_OS.xlsx

1: 2023S CEVC PH2 CE2450 MS2270 DE1300 1O 361_OS

Interface: Central East

	t	t	t	t	t	t	t	t	t	t1	t1	t1	t1	t1	t1	t1	t1	t1	t1	t2	t2	t2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princeton 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princeton-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2

Voltage Contingency Analysis Procedure (VCAP)

03-13-2023 10:15

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 1O 361_OS

Interface: Central East

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2355 <E	Dunwoodie 345kV Voltage	Pre-Fault	94.9	NA	348	2355
2364 <E	Sprain Brook 345kV Voltage	Pre-Fault	95.2	NA	348	2364
2465	limit with 5% margin	Marcy South N.	NA	NA	NA	3254
2546	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2445
2553	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1879
2553	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1806
2553	limit with 5% margin	SBK Edic R945	NA	NA	NA	1879
2564	Marcy 345kV Voltage	Pre-Fault	12.6	NA	348	2564
2566	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2872
2575	Edic 345kV Voltage	Pre-Fault	12.2	NA	347	2575
2588	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2552
2588	limit with 5% margin	Marcy South S.	NA	NA	NA	3099
2588	limit with 5% margin	Volney-Marcy	NA	NA	NA	2532
2588	limit with 5% margin	SBK Edic R70	NA	NA	NA	2618
2588	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2404
2588	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2564
2588	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2564
2588	limit with 5% margin	Ravenswood 3	NA	NA	NA	2683
2593	Pannell Road 345kV Voltage	Pre-Fault	26.3	NA	346	2593
2597	Clay 345kV Voltage	Pre-Fault	15.6	NA	345	2597
2597	Station 80 345kV Voltage	Pre-Fault	20.8	NA	346	2597
2609 >E	Clay 345kV Voltage	Marcy South N.	5.9	327.8	344.4	3435
2611 >E	Edic 345kV Voltage	Marcy South N.	5.6	327.8	344.6	3436
2614 >E	Marcy 345kV Voltage	Marcy South N.	5.7	327.8	344.6	3438
2625	Gordon Rd 345kV Voltage	Pre-Fault	25.4	NA	348	2625
2635	Gordon Rd 345kV Voltage	SBK Princetown 345	10.1	327.8	347.5	2450
2648 >E	Gordon Rd 345kV Voltage	Marcy South N.	9.7	327.8	347.5	3460
2665	Edic 345kV Voltage	SBK Marcy R3108	3.3	327.8	339.3	2568
2667	Clay 345kV Voltage	SBK Marcy R3108	2.9	327.8	339.4	2569
2674 >E	Pannell Road 345kV Voltage	Marcy South N.	9.2	327.8	342.9	3478
2678	Millwood 345kV Voltage	Pre-Fault	119.4	NA	348	2678
2693 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.2	327.8	340.2	2577
2694 >E	Marcy 345kV Voltage	SBK Edic R945	4.1	327.8	335.9	1982
2694 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	335.9	1982
2695 >E	Edic 345kV Voltage	SBK Edic R945	4.1	327.8	335.7	1983
2695 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	335.7	1983
2697 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	335.4	1907
2700 >E	Clay 345kV Voltage	SBK Edic R945	4.5	327.8	335.9	1986
2700 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.6	327.8	335.8	1986
2701 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	335.0	1909

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2701 >E	Oakdale 345kV Voltage	Marcy South N.	8.0	320	346.3	3496
2702 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.6	327.8	335.6	1909
2705 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.7	327.8	340.0	2579
2706 >E	Edic 345kV Voltage	Ph2 DC 1500	5.2	327.8	334.2	3027
2707 >E	Marcy 345kV Voltage	Ph2 DC 1500	5.2	327.8	334.0	3028
2710 >E	Station 80 345kV Voltage	Marcy South N.	10.9	327.8	342.4	3501
2721	Clay 345kV Voltage	Volney-Marcy	2.3	327.8	333.3	2664
2721 >E	Clay 345kV Voltage	Ph2 DC 1500	6.2	327.8	333.8	3037
2724 >E	Edic 345kV Voltage	Marcy South S.	3.9	327.8	331.5	3263
2726 >E	Marcy 345kV Voltage	Marcy South S.	3.9	327.8	331.3	3263
2730 >E	Edic 345kV Voltage	Volney-Marcy	3.0	327.8	330.6	2668
2731 >E	Clay 345kV Voltage	Marcy South S.	3.8	327.8	331.7	3265
2732 >E	Marcy 345kV Voltage	Volney-Marcy	3.0	327.8	330.3	2669
2738 >E	Oakdale 345kV Voltage	Pre-Fault	5.3	NA	335	2738
2738 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.8	320	339.7	2585
2741 >E	Gordon Rd 345kV Voltage	Marcy South S.	7.0	327.8	339.8	3268
2745 >E	Edic 345kV Voltage	SBK Princetown 345	5.9	327.8	328.0	2550
2745 >E	Buchanan North 345kV Voltage	Pre-Fault	47.6	NA	346	2745
2745 >E	Edic 345kV Voltage	Ravenswood 3	6.0	327.8	328.0	2845
2745 >E	Edic 345kV Voltage	SBK Edic R70	5.5	327.8	327.9	2777
2746 >E	Edic 345kV Voltage	Princetown-N.Scot 345	6.0	327.8	327.8	2720
2746 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	6.0	327.8	327.8	2721
2746 >E	Edic 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	327.8	2708
2746 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	327.8	2709
2746 >E	Marcy 345kV Voltage	SBK Edic R70	6.0	327.8	327.8	2778
2746 >E	Marcy 345kV Voltage	SBK Princetown 345	6.0	327.8	327.8	2552
2746 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	6.0	327.8	327.8	2721
2746 >E	Marcy 345kV Voltage	Ravenswood 3	6.0	327.8	327.8	2846
2746 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	6.0	327.8	327.8	2721
2748 >E	Pannell Road 345kV Voltage	SBK Edic R945	7.1	327.8	335.8	2017
2749 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	7.2	327.8	335.7	2017
2750 >E	Clay 345kV Voltage	SBK Princetown 345	5.8	327.8	328.5	2555
2751 >E	Clay 345kV Voltage	Ravenswood 3	5.9	327.8	328.3	2851
2751 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	7.3	327.8	335.5	1936
2751 >E	Clay 345kV Voltage	SBK Edic R70	5.7	327.8	328.2	2783
2752 >E	Oakdale 345kV Voltage	SBK Edic R945	4.3	320	333.1	2021
2753 >E	Clay 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	327.9	2716
2753 >E	Clay 345kV Voltage	Princetown-N.Scot 345	6.0	327.8	327.9	2728
2753 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr	6.0	327.8	327.9	2728

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2753 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.4	320	333.0	1937
2754 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	4.4	320	332.9	2020
2754 >E	Pannell Road 345kV Voltage	Volney-Marcy	4.0	327.8	335.5	2679
2769 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.9	327.8	337.8	3067
2770 >E	Oakdale 345kV Voltage	Volney-Marcy	3.4	320	329.0	2687
2770 >E	New Scotland 345kV Voltage Alps	Pre-Fault	15.6	NA	348	2770
2770 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	15.6	NA	348	2770
2770 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	8.7	327.8	337.9	1946
2771 >E	Station 80 345kV Voltage	Volney-Marcy	4.9	327.8	336.0	2687
2779 >E	Pannell Road 345kV Voltage	Marcy South S.	6.3	327.8	332.8	3282
2779 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	7.3	327.8	339.8	2593
2780 >E	Fraser 345kV Voltage	Pre-Fault	8.1	NA	338	2780
2786 >E	Station 80 345kV Voltage	SBK Edic R945	9.6	327.8	336.3	2042
2788 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	9.9	327.8	336.1	2043
2791 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	10.0	327.8	336.0	1958
2791 >E	Fraser 345kV Voltage	SBK Edic R945	5.8	327.8	338.5	2046
2793 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	338.4	1959
2794 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	5.9	327.8	338.3	2046
2794 >E	Marcy 345kV Voltage	SBK Marcy R3108	11.5	327.8	327.8	2596
2795 >E	Rock Tavern 345kV Voltage	Pre-Fault	23.6	NA	348	2795
2796 >E	Oakdale 345kV Voltage	Marcy South S.	4.4	320	324.2	3288
2802 >E	Coopers Corners 345kV Voltage	Pre-Fault	10.7	NA	338	2802
2804 >E	Oakdale 345kV Voltage	Ph2 DC 1500	6.1	320	327.1	3090
2806 >E	Station 80 345kV Voltage	Marcy South S.	7.6	327.8	332.9	3291
2809 >E	Coopers Corners 345kV Voltage	SBK Edic R945	8.8	327.8	340.4	2058
2809 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	9.0	327.8	340.3	1968
2809 >E	Gilboa 345kV Voltage	Pre-Fault	17.0	NA	348	2809
2810 >E	Oakdale 345kV Voltage	SBK Princetown 345	5.2	320	321.5	2610
2811 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	9.0	327.8	340.2	2057
2812 >E	Oakdale 345kV Voltage	Ravenswood 3	5.3	320	321.1	2909
2817 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	5.3	320	320.2	2778
2817 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	5.3	320	320.2	2791
2817 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	5.3	320	320.2	2791
2817 >E	Somerset 345kV Voltage	SBK Marcy R3108	7.1	327.8	345.6	2600
2817 >E	Oakdale 345kV Voltage	SBK Edic R70	5.3	320	320.1	2846
2819 >E	Pannell Road 345kV Voltage	SBK Princetown 345	9.1	327.8	328.6	2618
2820 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	9.9	327.8	332.7	2794
2820 >E	Gordon Rd 345kV Voltage	Volney-Marcy	7.1	327.8	332.7	2710
2821 >E	Pannell Road 345kV Voltage	SBK Edic R70	9.1	327.8	328.3	2850

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2822 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	9.9	327.8	332.5	2796
2822 >E	Pannell Road 345kV Voltage	Ravenswood 3	9.4	327.8	328.3	2918
2822 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	13.6	327.8	335.3	3102
2825 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	9.4	327.8	327.9	2786
2825 >E	Pannell Road 345kV Voltage	Prinetown-N.Scot 345	9.4	327.8	327.9	2799
2825 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	9.4	327.8	327.9	2799
2841 >E	Pleasant Valley 345kV Voltage	Pre-Fault	43.1	NA	348	2841
2845 >E	St.Lawrence 230kV Voltage	Pre-Fault	34.1	NA	225	2845
2848 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	10.2	327.8	330.1	2809
2854 >E	Gordon Rd 345kV Voltage	Ravenswood 3	10.8	327.8	329.6	2949
2855 >E	Station 80 345kV Voltage	SBK Prinetown 345	10.8	327.8	328.5	2651
2856 >E	Station 80 345kV Voltage	SBK Edic R70	10.8	327.8	328.4	2884
2857 >E	Station 80 345kV Voltage	Ravenswood 3	11.1	327.8	328.3	2952
2862 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	11.1	327.8	327.9	2823
2862 >E	Station 80 345kV Voltage	Prinetown-N.Scot 345	11.1	327.8	327.9	2835
2862 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	11.1	327.8	327.9	2835
2863 >E	Fraser 345kV Voltage	SBK Edic R70	8.1	327.8	327.8	2890
2863 >E	Fraser 345kV Voltage	SBK Prinetown 345	8.1	327.8	327.8	2658
2863 >E	Fraser 345kV Voltage	Prinetown-N.Scot 345	8.1	327.8	327.8	2836
2863 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	8.1	327.8	327.8	2836
2863 >E	Fraser 345kV Voltage	Ravenswood 3	8.1	327.8	327.8	2957
2863 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	8.1	327.8	327.8	2823
2863 >E	Fraser 345kV Voltage	Marcy South S.	8.1	327.8	327.8	3311
2863 >E	Fraser 345kV Voltage	Volney-Marcy	8.1	327.8	327.8	2730
2865 >E	Buchanan South 345kV Voltage	Pre-Fault	49.1	NA	346	2865
2871 >E	Fraser 345kV Voltage	Ph2 DC 1500	8.6	327.8	327.8	3134
2875 >E	St.Lawrence 230kV Voltage	Volney-Marcy	15.8	218.5	224.1	2735
2877 >E	New Scotland 345kV Voltage Alps	Marcy South S.	10.2	327.8	341.2	3316
2877 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	10.2	327.8	341.2	3316
2880 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	10.1	327.8	331.0	3140
2880 >E	Gordon Rd 345kV Voltage	SBK Edic R70	10.8	327.8	327.2	2907
2881 >E	Coopers Corners 345kV Voltage	Volney-Marcy	8.8	327.8	330.7	2738
2883 >E	St.Lawrence 230kV Voltage	SBK Edic R945	18.5	218.5	223.3	2106
2887 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	18.8	218.5	223.2	2106
2889 >E	Coopers Corners 345kV Voltage	Ravenswood 3	11.1	327.8	329.9	2982
2891 >E	New Scotland 345kV Voltage Alps	Marcy South N.	15.0	327.8	349.5	3621
2891 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	15.0	327.8	349.5	3621

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2893 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	19.0	218.5	222.9	2013
2896 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	10.5	327.8	329.2	2689
2897 >E	Watercure 230kV Voltage	SBK Marcy R3108	9.8	207	226.9	2616
2898 >E	Coopers Corners 345kV Voltage	SBK Edic R70	10.6	327.8	329.1	2923
2903 >E	Niagara 230kV East Voltage	Ph2 DC 1500	16.2	218.5	221.6	3155
2903 >E	Niagara 230kV West Voltage	Ph2 DC 1500	16.2	218.5	221.6	3155
2906 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	10.6	327.8	328.3	2866
2909 >E	Coopers Corners 345kV Voltage	361-362 D1b Ckt Twr 345	10.7	327.8	328.0	2882
2909 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	10.7	327.8	328.0	2882
2909 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	22.1	218.5	222.4	3159
2912 >E	Ramapo 500kV Voltage	Ravenswood 3	51.3	500	504.3	3005
2919 >E	Station 80 345kV Voltage	Ph2 DC 1500	21.4	327.8	337.6	3165
2929 >E	Ramapo 500kV Voltage	Ph2 DC 1500	56.8	500	504.9	3171
2932 >E	Somerset 345kV Voltage	Volney-Marcy	9.4	327.8	341.6	2762
2941 >E	Ramapo 345kV Voltage	Pre-Fault	43.6	NA	346	2941
2944 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	12.1	327.8	337.1	3181
2944 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	12.1	327.8	337.1	3181
2946 >E	St.Lawrence 230kV Voltage	Marcy South S.	22.4	218.5	222.0	3340
2967 >E	St.Lawrence 230kV Voltage	Marcy South N.	31.3	218.5	228.7	3672
2968 >E	Watercure 230kV Voltage	Marcy South N.	19.5	207	227.0	3672
2973 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	41.1	500	504.9	2057
2979 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	11.0	327.8	334.6	2784
2979 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	11.0	327.8	334.6	2784
2981 >E	Ramapo 500kV Voltage	SBK Edic R945	41.3	500	504.8	2170
2986 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	42.1	500	504.8	2169
2989 >E	Gilboa 345kV Voltage	Marcy South S.	13.5	327.8	337.4	3355
3002 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	12.4	327.8	331.6	2184
3002 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	12.4	327.8	331.6	2184
3005 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	12.5	327.8	331.3	2181
3005 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	12.5	327.8	331.3	2181
3006 >E	Ladentown 345kV Voltage	Pre-Fault	45.0	NA	346	3006
3009 >E	Somerset 345kV Voltage	Pre-Fault	21.5	NA	338	3009
3010 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	13.5	327.8	332.6	2968
3010 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	13.5	327.8	332.6	2968
3015 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	31.6	218.5	225.2	2639
3017 >E	Somerset 345kV Voltage	Marcy South N.	20.3	327.8	346.1	3705
3017 >E	Gilboa 345kV Voltage	SBK Edic R945	13.0	327.8	337.3	2194
3021 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	12.9	327.8	330.2	2083
3021 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	12.9	327.8	330.2	2083
3022 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	13.2	327.8	337.1	2192

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3023 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	13.3	327.8	337.0	2084
3041 >E	Fraser 345kV Voltage	SBK Marcy R3108	16.4	327.8	327.8	2644
3043 >E	Ramapo 500kV Voltage	Volney-Marcy	39.5	500	501.6	2813
3048 >E	Somerset 345kV Voltage	Marcy South S.	14.4	327.8	336.2	3375
3052 >E	Somerset 345kV Voltage	SBK Edic R945	17.5	327.8	340.0	2217
3052 >E	Gordon Rd 345kV Voltage	SBK Edic R945	14.8	327.8	316.2	2217
3054 >E	St.Lawrence 230kV Voltage	Ravenswood 3	34.0	218.5	218.9	3140
3057 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	15.0	327.8	315.8	2215
3061 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	15.3	327.8	329.3	3147
3061 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	15.3	327.8	329.3	3147
3062 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	18.0	327.8	339.7	2218
3066 >E	Roseton 345kV Voltage	Pre-Fault	41.0	NA	345	3066
3067 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	18.2	327.8	339.6	2108
3067 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	34.1	218.5	218.5	3038
3067 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	34.1	218.5	218.5	3039
3068 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	34.1	218.5	218.5	3025
3069 >E	Leeds 345kV Voltage	Pre-Fault	30.7	NA	345	3069
3071 >E	Niagara 345kV Voltage	SBK Marcy R3108	14.2	327.8	349.9	2649
3071 >E	Niagara 230kV East Voltage	SBK Marcy R3108	29.4	218.5	229.4	2649
3071 >E	Niagara 230kV West Voltage	SBK Marcy R3108	29.4	218.5	229.4	2649
3071 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	34.2	218.5	218.4	2850
3072 >E	St.Lawrence 230kV Voltage	SBK Edic R70	34.8	218.5	218.3	3091
3075 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	15.3	327.8	328.4	3094
3075 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	15.3	327.8	328.4	3094
3082 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	15.9	327.8	339.2	2651
3082 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	15.9	327.8	339.2	2651
3088 >E	Gilboa 345kV Voltage	Ph2 DC 1500	15.7	327.8	331.9	3275
3094 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	15.8	327.8	327.2	3065
3094 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	15.8	327.8	327.2	3065
3095 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	15.8	327.8	327.2	3066
3095 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	15.8	327.8	327.2	3066
3100 >E	Ramapo 500kV Voltage	SBK Princetown 345	47.1	500	500.4	2876
3103 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	47.1	500	500.3	3060
3107 >E	Gilboa 345kV Voltage	Volney-Marcy	15.2	327.8	330.5	2843
3112 >E	Ramapo 500kV Voltage	SBK Edic R70	47.8	500	500.1	3129
3116 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	48.0	500	500.1	3087
3116 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	48.0	500	500.1	3087

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3119 >E	Ramapo 500kV Voltage	Pre-Fault	48.2	NA	500	3119
3123 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	16.2	327.8	329.5	3080
3124 >E	Bowline 1 345kV Voltage	Pre-Fault	45.0	NA	345	3124
3141 >E	Gilboa 345kV Voltage	Ravenswood 3	16.9	327.8	328.5	3223
3144 >E	Bowline 2 345kV Voltage	Pre-Fault	44.9	NA	345	3144
3151 >E	Gilboa 345kV Voltage	SBK Edic R70	16.9	327.8	327.9	3167
3154 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	17.0	327.8	327.7	3125
3155 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	17.0	327.8	327.7	3125
3175 >E	Gilboa 345kV Voltage	SBK Princetown 345	17.5	327.8	326.5	2945
3194 >E	Watercure 230kV Voltage	SBK Edic R945	22.5	207	226.7	2310
3195 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	17.9	327.8	320.7	2964
3195 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	17.9	327.8	320.7	2964
3206 >E	Somerset 345kV Voltage	SBK Princetown 345	20.7	327.8	328.8	2974
3207 >E	Somerset 345kV Voltage	SBK Edic R70	20.8	327.8	328.8	3221
3215 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	23.5	207	226.4	2188
3215 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	23.5	207	226.4	2316
3216 >E	Somerset 345kV Voltage	Ravenswood 3	21.5	327.8	328.4	3295
3218 >E	Rock Tavern 345kV Voltage	Volney-Marcy	21.1	327.8	330.1	2895
3224 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	21.4	327.8	328.0	3179
3224 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	21.4	327.8	328.0	3194
3224 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	21.4	327.8	328.0	3194
3233 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	22.6	327.8	330.2	3369
3245 >E	Niagara 230kV East Voltage	Volney-Marcy	38.9	218.5	226.4	2908
3245 >E	Niagara 230kV West Voltage	Volney-Marcy	38.9	218.5	226.4	2908
3248 >E	Fraser 345kV Voltage	Marcy South N.	23.1	327.8	327.8	3858
3253 >E	Rock Tavern 345kV Voltage	SBK Edic R945	25.2	327.8	339.2	2349
3254 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	26.1	327.8	324.8	2685
3258 >E	Rock Tavern 345kV Voltage	Ravenswood 3	26.5	327.8	328.4	3335
3260 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	25.5	327.8	339.0	2213
3260 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	23.3	327.8	328.3	3214
3260 >E	Rock Tavern 345kV Voltage	SBK Edic R70	23.5	327.8	328.3	3272
3261 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	25.5	327.8	339.0	2345
3261 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	23.3	327.8	328.2	3024
3270 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	23.5	327.8	327.9	3239
3270 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	23.5	327.8	327.9	3239
3286 >E	Niagara 345kV Voltage	Volney-Marcy	18.7	327.8	345.4	2926
3292 >E	Leeds 345kV Voltage	Marcy South S.	22.5	327.8	337.7	3461
3293 >E	Ramapo 500kV Voltage	Marcy South S.	70.2	500	496.4	3461

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3327 >E	Gardenville 230kV Voltage	SBK Marcy R3108	25.4	207	227.5	2699
3334 >E	Watercure 230kV Voltage	Volney-Marcy	25.4	207	236.0	2949
3370 >E	Niagara 230kV East Voltage	Pre-Fault	89.4	NA	225	3370
3370 >E	Niagara 230kV West Voltage	Pre-Fault	89.4	NA	225	3370
3376 >E	Ramapo 500kV Voltage	SBK Marcy R3108	80.0	500	502.4	2708
3394 >E	Gilboa 345kV Voltage	Marcy South N.	28.1	327.8	340.7	3954
3400 >E	Dunwoodie 345kV Voltage	Ravenswood 3	64.4	327.8	333.5	3470
3400 >E	Gilboa 345kV Voltage	SBK Marcy R3108	26.3	327.8	333.1	2713
3401 >E	Sprain Brook 345kV Voltage	Ravenswood 3	63.9	327.8	333.5	3471
3415 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	30.6	327.8	330.9	3487
3423 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	39.8	327.8	331.1	3492
3437 >E	Buchanan North 345kV Voltage	Ravenswood 3	53.1	327.8	331.5	3506
3454 >E	Ramapo 500kV Voltage	Marcy South N.	93.6	500	504.1	3993
3469 >E	Millwood 345kV Voltage	Ph2 DC 1500	38.7	327.8	330.2	3523
3477 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	44.8	327.8	329.7	3527
3479 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	45.0	327.8	329.6	3529
3487 >E	Millwood 345kV Voltage	Ravenswood 3	55.5	327.8	332.5	3554
3512 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	38.4	327.8	330.9	3550
3518 >E	Niagara 230kV East Voltage	Marcy South S.	59.0	218.5	223.3	3540
3518 >E	Niagara 230kV West Voltage	Marcy South S.	59.0	218.5	223.3	3540
3522 >E	Buchanan North 345kV Voltage	SBK Edic R945	44.9	327.8	335.9	2526
3531 >E	Buchanan North 345kV Voltage	Volney-Marcy	42.9	327.8	329.5	3040
3532 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	45.4	327.8	335.8	2518
3534 >E	Niagara 230kV East Voltage	SBK Edic R945	62.5	218.5	225.6	2533
3534 >E	Niagara 230kV West Voltage	SBK Edic R945	62.5	218.5	225.6	2533
3534 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	45.4	327.8	335.8	2362
3550 >E	Leeds 345kV Voltage	Ph2 DC 1500	29.1	327.8	327.8	3575
3555 >E	Pleasant Valley 345kV Voltage	Marcy South S.	41.4	327.8	331.4	3553
3558 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	64.3	218.5	225.4	2535
3558 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	64.3	218.5	225.4	2535
3564 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	64.8	218.5	225.3	2379
3564 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	64.8	218.5	225.3	2379
3568 >E	Buchanan South 345kV Voltage	Ravenswood 3	53.7	327.8	331.7	3632
3570 >E	Ramapo 345kV Voltage	Ph2 DC 1500	38.4	327.8	331.5	3588
3583 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	46.4	327.8	328.4	3532
3585 >E	Niagara 345kV Voltage	Marcy South S.	28.6	327.8	338.4	3563
3586 >E	Roseton 345kV Voltage	Ph2 DC 1500	34.1	327.8	330.4	3598
3596 >E	Leeds 345kV Voltage	SBK Edic R70	30.7	327.8	327.8	3594
3596 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	30.7	327.8	327.8	3545
3596 >E	Leeds 345kV Voltage	SBK Princetown 345	30.7	327.8	327.8	3332
3596 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	30.7	327.8	327.8	3561

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3596 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	30.7	327.8	327.8	3561
3596 >E	Leeds 345kV Voltage	Volney-Marcy	30.7	327.8	327.8	3071
3596 >E	Leeds 345kV Voltage	Ravenswood 3	30.7	327.8	327.8	3658
3600 >E	Buchanan North 345kV Voltage	SBK Edic R70	47.4	327.8	328.0	3598
3603 >E	Ramapo 345kV Voltage	SBK Edic R945	40.1	327.8	338.9	2579
3604 >E	Niagara 345kV Voltage	Pre-Fault	43.1	NA	338	3604
3611 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	47.6	327.8	327.8	3576
3611 >E	Buchanan North 345kV Voltage	Princeton-N.Scot 345	47.6	327.8	327.8	3576
3613 >E	Niagara 345kV Voltage	SBK Edic R945	33.0	327.8	342.6	2585
3613 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	40.4	327.8	338.8	2405
3615 >E	Buchanan North 345kV Voltage	SBK Princeton 345	47.6	327.8	327.7	3349
3615 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	40.6	327.8	338.8	2571
3616 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	44.6	327.8	330.0	3677
3617 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	31.4	327.8	327.8	2407
3617 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	31.4	327.8	327.8	2573
3617 >E	Leeds 345kV Voltage	SBK Edic R945	31.4	327.8	327.8	2588
3618 >E	Ladentown 345kV Voltage	Ph2 DC 1500	38.2	327.8	332.0	3619
3618 >E	Gardenville 230kV Voltage	Volney-Marcy	33.5	207	222.3	3081
3630 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	39.2	327.8	329.7	3086
3630 >E	Gardenville 230kV Voltage	SBK Edic R945	37.1	207	217.9	2596
3633 >E	Ramapo 345kV Voltage	Volney-Marcy	38.9	327.8	330.2	3087
3640 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	34.0	327.8	342.2	2587
3648 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	34.2	327.8	342.1	2424
3651 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	38.0	207	217.6	2595
3655 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	41.1	327.8	329.1	3603
3658 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	38.2	207	217.4	2430
3660 >E	Leeds 345kV Voltage	Marcy South N.	35.9	327.8	345.8	4130
3665 >E	Millwood 345kV Voltage	Volney-Marcy	48.1	327.8	329.1	3103
3678 >E	Buchanan South 345kV Voltage	Volney-Marcy	44.9	327.8	329.4	3109
3678 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	38.1	327.8	332.2	3658
3683 >E	Niagara 230kV East Voltage	Marcy South N.	76.5	218.5	230.4	4145
3683 >E	Niagara 230kV West Voltage	Marcy South N.	76.5	218.5	230.4	4145
3685 >E	Niagara 345kV Voltage	Marcy South N.	39.0	327.8	349.9	4147
3690 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	50.1	327.8	328.6	3637
3690 >E	Gardenville 230kV Voltage	Ph2 DC 1500	38.5	207	217.6	3666
3691 >E	Roseton 345kV Voltage	Volney-Marcy	37.6	327.8	329.8	3115
3694 >E	Ramapo 345kV Voltage	Ravenswood 3	50.9	327.8	328.8	3751
3695 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	38.1	327.8	332.6	3669
3696 >E	Sprain Brook 345kV Voltage	Volney-Marcy	57.4	327.8	328.7	3117

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3699 >E	Ladentown 345kV Voltage	SBK Edic R945	41.5	327.8	339.6	2641
3702 >E	Dunwoodie 345kV Voltage	Volney-Marcy	58.1	327.8	328.6	3120
3703 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	42.9	327.8	328.0	3698
3707 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	42.6	327.8	328.4	3654
3707 >E	Buchanan South 345kV Voltage	SBK Edic R945	47.5	327.8	336.0	2647
3709 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	59.2	327.8	328.4	3657
3710 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	42.0	327.8	339.5	2632
3711 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	41.9	327.8	339.5	2459
3713 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	59.8	327.8	328.4	3660
3717 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	47.9	327.8	335.8	2637
3718 >E	Ladentown 345kV Voltage	Volney-Marcy	40.3	327.8	330.2	3127
3719 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	43.3	327.8	327.6	3683
3719 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	43.3	327.8	327.6	3683
3720 >E	Millwood 345kV Voltage	SBK Edic R70	51.8	327.8	328.0	3714
3721 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	47.6	327.8	328.6	3668
3722 >E	Ramapo 345kV Voltage	SBK Edic R70	43.4	327.8	328.1	3716
3726 >E	Millwood 345kV Voltage	SBK Edic R945	51.7	327.8	334.2	2659
3728 >E	Ramapo 345kV Voltage	SBK Princetown 345	43.3	327.8	328.0	3453
3729 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	48.2	327.8	335.7	2468
3734 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	43.6	327.8	327.8	3697
3734 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	43.6	327.8	327.8	3698
3734 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	52.0	327.8	327.7	3698
3734 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	52.0	327.8	327.7	3698
3734 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	52.1	327.8	334.0	2648
3735 >E	Roseton 345kV Voltage	Ravenswood 3	44.1	327.8	328.7	3791
3739 >E	Sprain Brook 345kV Voltage	SBK Edic R70	61.1	327.8	328.0	3732
3742 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	40.0	327.8	328.5	3689
3743 >E	Dunwoodie 345kV Voltage	SBK Edic R70	61.7	327.8	328.0	3736
3748 >E	Buchanan South 345kV Voltage	SBK Edic R70	49.0	327.8	328.0	3740
3752 >E	Ladentown 345kV Voltage	Ravenswood 3	51.6	327.8	329.4	3807
3752 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	61.4	327.8	327.7	3716
3753 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	61.4	327.8	327.7	3716
3753 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	52.6	327.8	333.8	2482
3757 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	62.0	327.8	327.7	3720
3757 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	62.0	327.8	327.7	3720
3759 >E	Bowline 1 345kV Voltage	SBK Edic R945	41.3	327.8	340.4	2681

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3760 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	49.2	327.8	327.8	3724
3761 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	49.2	327.8	327.8	3724
3761 >E	Roseton 345kV Voltage	SBK Edic R70	40.9	327.8	328.0	3753
3763 >E	Millwood 345kV Voltage	SBK Princetown 345	52.8	327.8	327.2	3485
3768 >E	Sprain Brook 345kV Voltage	SBK Edic R945	62.0	327.8	333.0	2687
3770 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	44.3	327.8	330.9	2688
3772 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	41.8	327.8	340.2	2672
3772 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	41.7	327.8	340.2	2492
3772 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	41.0	327.8	327.8	3736
3773 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	41.0	327.8	327.8	3736
3775 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	44.5	327.8	330.8	2674
3775 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	44.7	327.8	326.3	3496
3776 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	62.5	327.8	332.9	2674
3778 >E	Dunwoodie 345kV Voltage	SBK Edic R945	62.9	327.8	332.9	2693
3778 >E	Buchanan South 345kV Voltage	SBK Princetown 345	49.5	327.8	327.4	3499
3778 >E	Bowline 2 345kV Voltage	SBK Edic R945	41.3	327.8	341.9	2694
3783 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	62.3	327.8	327.2	3504
3784 >E	Bowline 1 345kV Voltage	Volney-Marcy	40.4	327.8	330.3	3158
3786 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	63.3	327.8	332.8	2681
3786 >E	Roseton 345kV Voltage	SBK Princetown 345	41.3	327.8	327.4	3506
3789 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	62.9	327.8	327.2	3509
3791 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	43.8	327.8	328.5	3737
3791 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	41.8	327.8	341.7	2684
3792 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	41.7	327.8	341.7	2503
3799 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	63.2	327.8	332.7	2506
3801 >E	Bowline 2 345kV Voltage	Volney-Marcy	40.3	327.8	330.4	3166
3807 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	45.4	327.8	330.2	2511
3809 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	64.1	327.8	332.5	2512
3812 >E	Ladentown 345kV Voltage	SBK Edic R70	44.8	327.8	328.1	3802
3824 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	44.9	327.8	327.8	3787
3824 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	44.9	327.8	327.8	3787
3824 >E	Ladentown 345kV Voltage	SBK Princetown 345	44.8	327.8	327.8	3541
3826 >E	Roseton 345kV Voltage	SBK Edic R945	43.7	327.8	335.3	2725
3836 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	44.1	327.8	335.1	2713
3843 >E	Bowline 1 345kV Voltage	Ravenswood 3	52.1	327.8	329.0	3894
3849 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	44.4	327.8	334.9	2534
3863 >E	Bowline 2 345kV Voltage	Ravenswood 3	51.9	327.8	329.0	3913
3863 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	43.9	327.8	328.6	3808

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3882 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	43.8	327.8	328.6	3826
3886 >E	Bowline 1 345kV Voltage	SBK Edic R70	44.9	327.8	328.1	3873
3898 >E	Bowline 1 345kV Voltage	SBK Princetown 345	44.9	327.8	327.8	3609
3898 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	45.0	327.8	327.8	3860
3898 >E	Niagara 230kV East Voltage	SBK Princetown 345	85.9	218.5	219.1	3609
3898 >E	Niagara 230kV West Voltage	SBK Princetown 345	85.9	218.5	219.1	3609
3898 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	45.0	327.8	327.8	3860
3904 >E	Bowline 2 345kV Voltage	SBK Edic R70	44.8	327.8	328.1	3891
3905 >E	Niagara 230kV East Voltage	SBK Edic R70	86.6	218.5	219.0	3891
3905 >E	Niagara 230kV West Voltage	SBK Edic R70	86.6	218.5	219.0	3891
3916 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	44.9	327.8	327.8	3878
3917 >E	Bowline 2 345kV Voltage	SBK Princetown 345	44.8	327.8	327.8	3626
3917 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	44.9	327.8	327.8	3879
3931 >E	Niagara 230kV East Voltage	Ravenswood 3	89.6	218.5	218.7	3978
3931 >E	Niagara 230kV West Voltage	Ravenswood 3	89.6	218.5	218.7	3978
3941 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	88.8	218.5	218.6	3885
3941 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	88.8	218.5	218.6	3885
3943 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	88.9	218.5	218.6	3904
3943 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	88.9	218.5	218.6	3904
3943 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	88.9	218.5	218.6	3904
3943 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	88.9	218.5	218.6	3904
3985 >E	Gardenville 230kV Voltage	Marcy South N.	55.7	207	227.0	4345
3990 >E	Niagara 345kV Voltage	SBK Princetown 345	41.5	327.8	329.0	3694
3995 >E	Niagara 345kV Voltage	SBK Edic R70	41.7	327.8	328.9	3978
4021 >E	Gardenville 230kV Voltage	Pre-Fault	75.5	NA	217	4021
4026 >E	Gardenville 230kV Voltage	Marcy South S.	49.3	207	216.9	3717
4028 >E	Niagara 345kV Voltage	Ravenswood 3	43.2	327.8	328.2	4070
4033 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	42.8	327.8	328.0	3976
4035 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	42.8	327.8	328.0	3995
4035 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	42.8	327.8	328.0	3995
4183 >E	Pleasant Valley 345kV Voltage	Marcy South N.	66.7	327.8	340.4	4476
4203 >E	Roseton 345kV Voltage	Marcy South S.	56.7	327.8	317.3	3779
4210 >E	Coopers Corners 345kV Voltage	Marcy South S.	37.1	327.8	206.5	3781
4305 >E	Coopers Corners 345kV Voltage	Marcy South N.	50.5	327.8	302.1	4556
4355 >E	Leeds 345kV Voltage	SBK Marcy R3108	56.0	327.8	327.8	2897
4368 >E	Millwood 345kV Voltage	Marcy South S.	83.4	327.8	315.5	3836

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4405 >E	Rock Tavern 345kV Voltage	Marcy South S.	55.2	327.8	279.7	3849
4417 >E	Dunwoodie 345kV Voltage	Marcy South S.	99.2	327.8	317.1	3853
4430 >E	Sprain Brook 345kV Voltage	Marcy South S.	99.2	327.8	316.7	3858
4485 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	71.8	327.8	324.6	2922
4661 >E	Gardenville 230kV Voltage	SBK Princetown 345	71.8	207	208.5	4309
4709 >E	Gardenville 230kV Voltage	SBK Edic R70	73.2	207	207.9	4664
4718 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	84.3	327.8	328.2	2967
4753 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	74.8	207	207.3	4684
4754 >E	Gardenville 230kV Voltage	Ravenswood 3	75.0	207	207.3	4764
4758 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	74.9	207	207.2	4711
4758 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	74.9	207	207.2	4711
4764 >E	Buchanan South 345kV Voltage	Marcy South S.	92.1	327.8	307.3	3974
4880 >E	Buchanan North 345kV Voltage	Marcy South S.	102.3	327.8	301.2	4015
4947 >E	Watercure 230kV Voltage	Marcy South S.	87.9	207	245.1	4038
5085 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	122.2	327.8	325.8	3038
5227 >E	Roseton 345kV Voltage	Marcy South N.	93.8	327.8	336.2	5166
5376 >E	Roseton 345kV Voltage	SBK Marcy R3108	100.7	327.8	325.7	3094
5388 >E	Millwood 345kV Voltage	Marcy South N.	129.6	327.8	334.9	5273
5498 >E	Millwood 345kV Voltage	SBK Marcy R3108	137.7	327.8	324.4	3117
5534 >E	Ramapo 345kV Voltage	SBK Marcy R3108	117.6	327.8	325.1	3124
5549 >E	Buchanan North 345kV Voltage	Marcy South N.	136.8	327.8	331.7	5379
5579 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	130.9	327.8	324.8	3133
5602 >E	Dunwoodie 345kV Voltage	Marcy South N.	159.9	327.8	333.5	5414
5603 >E	Rock Tavern 345kV Voltage	Marcy South N.	101.1	327.8	322.0	5415
5610 >E	Sprain Brook 345kV Voltage	Marcy South N.	159.4	327.8	333.5	5420
5689 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	170.0	327.8	323.7	3154
5717 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	172.6	327.8	323.6	3159
5732 >E	Buchanan South 345kV Voltage	Marcy South N.	133.6	327.8	334.3	5500
5862 >E	Ramapo 345kV Voltage	Marcy South S.	118.5	327.8	279.1	4357
5888 >E	Ladentown 345kV Voltage	SBK Marcy R3108	125.5	327.8	325.0	3193
6011 >E	Ladentown 345kV Voltage	Marcy South S.	121.7	327.8	279.2	4409
6105 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	126.1	327.8	324.6	3234
6154 >E	Rainey 345kV Voltage	Pre-Fault	209.7	NA	338	6154
6194 >E	Farragut 345kV Voltage	Pre-Fault	219.1	NA	338	6194
6212 >E	Rainey 345kV Voltage	Ravenswood 3	169.5	327.8	337.7	6158
6278 >E	Ramapo 345kV Voltage	Marcy South N.	139.2	327.8	330.7	5861
6435 >E	Farragut 345kV Voltage	Ravenswood 3	179.5	327.8	336.9	6370
6491 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	138.1	327.8	324.6	3309
6570 >E	Rainey 345kV Voltage	Ph2 DC 1500	144.9	327.8	330.9	5537
6629 >E	Farragut 345kV Voltage	Ph2 DC 1500	150.1	327.8	330.8	5575

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6670 >E	Ladentown 345kV Voltage	Marcy South N.	149.1	327.8	332.4	6121
6673 >E	Bowline 1 345kV Voltage	Marcy South S.	138.5	327.8	266.2	4641
6675 >E	Bowline 2 345kV Voltage	Marcy South S.	136.6	327.8	266.4	4641
7329 >E	Bowline 1 345kV Voltage	Marcy South N.	164.4	327.8	332.7	6557
7375 >E	Bowline 2 345kV Voltage	Marcy South N.	163.6	327.8	332.9	6587
7394 >E	Goethals 345kV Voltage	Pre-Fault	301.1	NA	338	7394
7895 >E	Rainey 345kV Voltage	SBK Edic R945	194.4	327.8	336.0	5394
7917 >E	Goethals 345kV Voltage	Ph2 DC 1500	202.1	327.8	330.8	6412
7935 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	195.9	327.8	335.9	5336
7951 >E	Rainey 345kV Voltage	Volney-Marcy	196.3	327.8	329.4	5094
7967 >E	Farragut 345kV Voltage	SBK Edic R945	201.1	327.8	335.9	5441
7996 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	197.8	327.8	335.7	4791
8005 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	202.5	327.8	335.8	5380
8063 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	204.4	327.8	335.6	4827
8072 >E	Goethals 345kV Voltage	Ravenswood 3	244.8	327.8	335.7	7935
8078 >E	Farragut 345kV Voltage	Volney-Marcy	205.1	327.8	329.4	5153
8081 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	201.9	327.8	328.8	7959
8208 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	210.8	327.8	328.8	8084
8270 >E	Rainey 345kV Voltage	SBK Edic R70	209.1	327.8	327.9	8088
8300 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	209.9	327.8	327.8	8214
8305 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	210.1	327.8	327.7	8219
8401 >E	Rainey 345kV Voltage	SBK Princetown 345	213.0	327.8	327.3	7743
8406 >E	Farragut 345kV Voltage	SBK Edic R70	218.5	327.8	327.9	8218
8437 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	219.4	327.8	327.8	8349
8443 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	219.6	327.8	327.7	8355
8545 >E	Farragut 345kV Voltage	SBK Princetown 345	222.8	327.8	327.3	7875
9754 >E	Goethals 345kV Voltage	SBK Edic R945	273.0	327.8	336.0	6613
9813 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	275.4	327.8	335.8	6538
9867 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	277.0	327.8	335.7	5810
10017 >E	Goethals 345kV Voltage	Volney-Marcy	283.1	327.8	329.3	6054
10155 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	289.2	327.8	328.8	10001
10436 >E	Goethals 345kV Voltage	SBK Edic R70	300.3	327.8	327.9	10171
10477 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	301.5	327.8	327.8	10367
10477 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	301.5	327.8	327.8	10367

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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
10600 >E	Goethals 345kV Voltage	SBK Princetown 345	305.5	327.8	327.3	9762
12123 >E	Rainey 345kV Voltage	Marcy South S.	351.7	327.8	309.5	6542
12400 >E	Farragut 345kV Voltage	Marcy South S.	369.4	327.8	309.7	6639
15185 >E	Watercure 230kV Voltage	Ph2 DC 1500	538.3	207	390.9	11132
15867 >E	Goethals 345kV Voltage	Marcy South S.	508.7	327.8	309.9	7849
16166 >E	Rainey 345kV Voltage	Marcy South N.	498.6	327.8	336.3	12403
16333 >E	Farragut 345kV Voltage	Marcy South N.	515.1	327.8	336.2	12513
17089 >E	Northport 138kV Voltage	Pre-Fault	1628.0	NA	135	17089
17311 >E	Rainey 345kV Voltage	SBK Marcy R3108	544.6	327.8	321.4	5395
17516 >E	Farragut 345kV Voltage	SBK Marcy R3108	563.4	327.8	321.5	5435
17772 >E	Northport 138kV Voltage	Ph2 DC 1500	1183.4	131.1	130.8	12813
21298 >E	Goethals 345kV Voltage	Marcy South N.	714.2	327.8	336.4	15797
22532 >E	Northport 138kV Voltage	Volney-Marcy	1555.7	131.1	131.7	11869
22858 >E	Northport 138kV Voltage	N.Scot-Leeds 345	1582.7	131.1	131.5	22502
23432 >E	Northport 138kV Voltage	SBK Edic R70	1628.0	131.1	131.1	22664
23515 >E	Northport 138kV Voltage	361-362 D1b Ckt Twr 345	1633.8	131.1	131.1	23260
23590 >E	Northport 138kV Voltage	Princetown-N.Scot 345	1639.7	131.1	131.0	23334
23608 >E	Goethals 345kV Voltage	SBK Marcy R3108	807.0	327.8	320.5	6609
23910 >E	Northport 138kV Voltage	SBK Princetown 345	1663.6	131.1	130.8	21981
24343 >E	Northport 138kV Voltage	SBK Edic R945	1697.2	131.1	135.0	16184
24424	Northport 138kV Voltage	Edic-Gordon Rd. 345	1703.5	131.1	135.0	15887

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

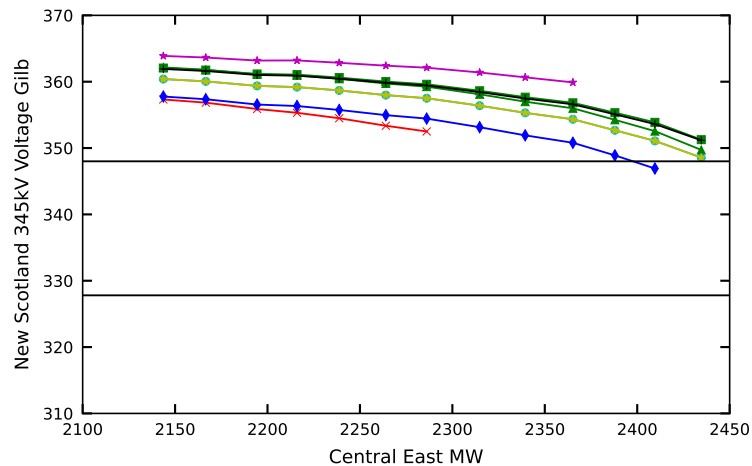
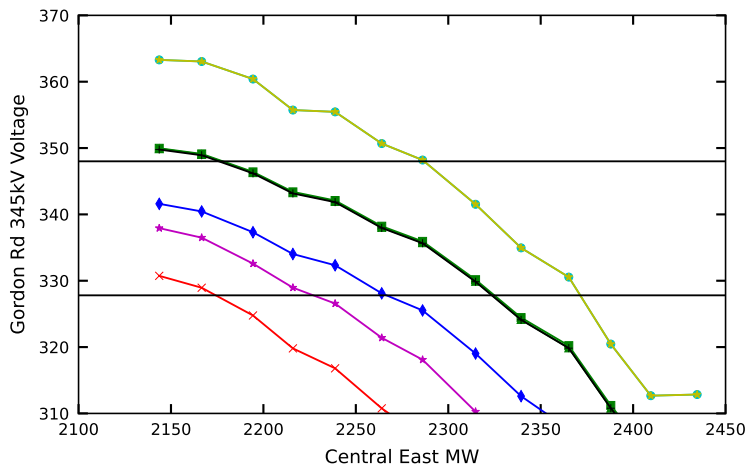
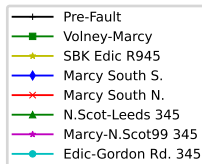
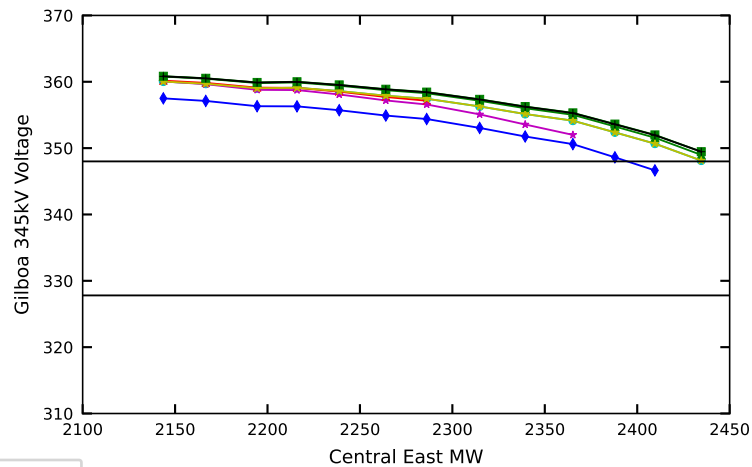
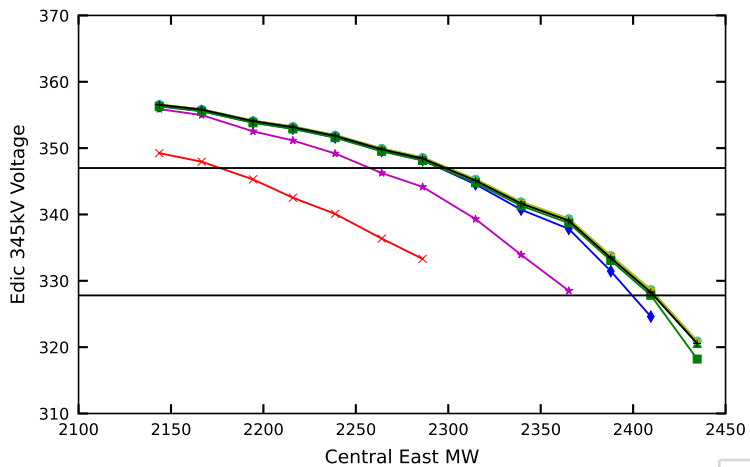
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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 361_OS

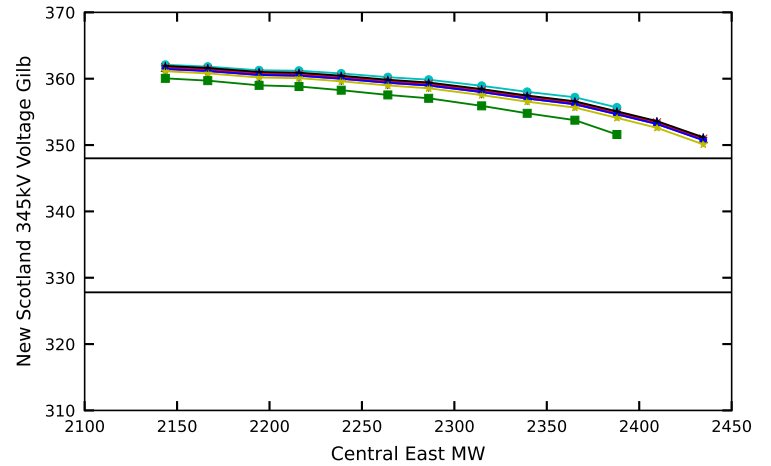
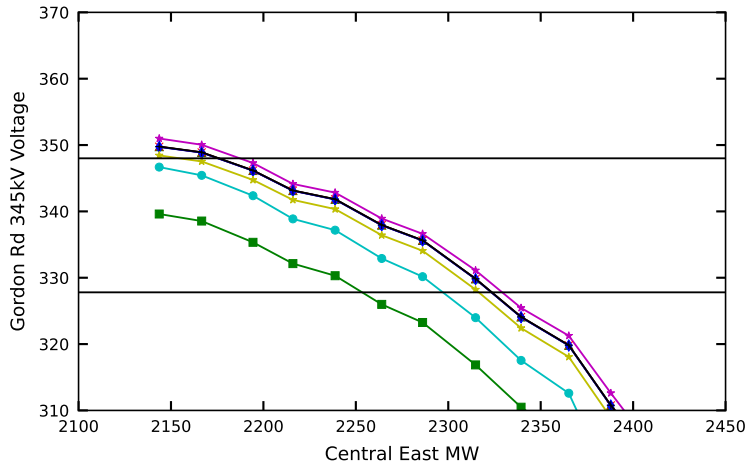
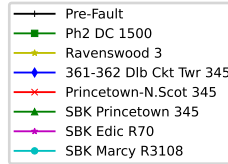
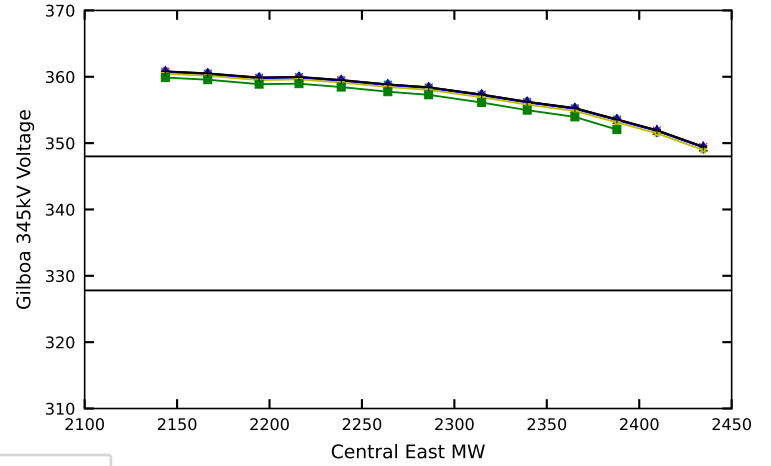
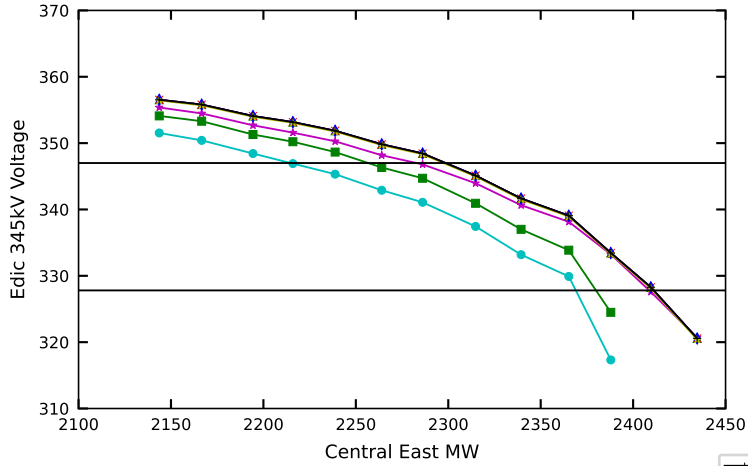
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
24848	Northport 138kV Voltage	Marcy-N.Scot99 345	1735.9	131.1	134.8	13964
>E						
24894	Northport 138kV Voltage	Ravenswood 3	1780.6	131.1	130.2	24008
>E						
39217	Northport 138kV Voltage	Marcy South S.	2866.9	131.1	121.4	15997
>E						
73347	Northport 138kV Voltage	Marcy South N.	5563.2	131.1	134.8	50226
>E						
76118	Northport 138kV Voltage	SBK Marcy R3108	5753.4	131.1	126.4	16735
>E						
99998	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

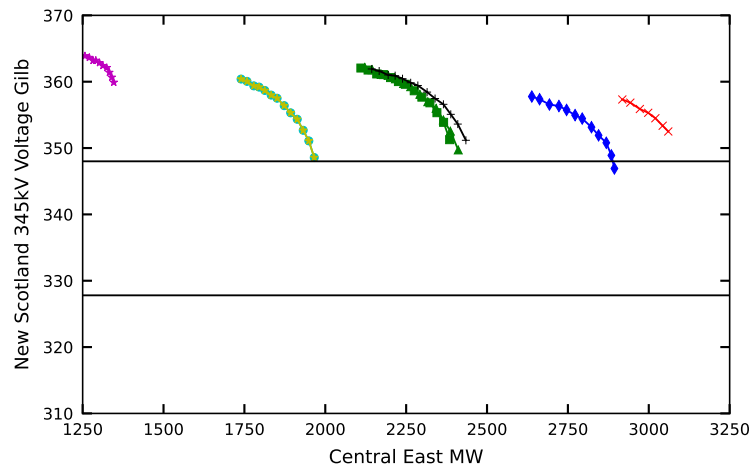
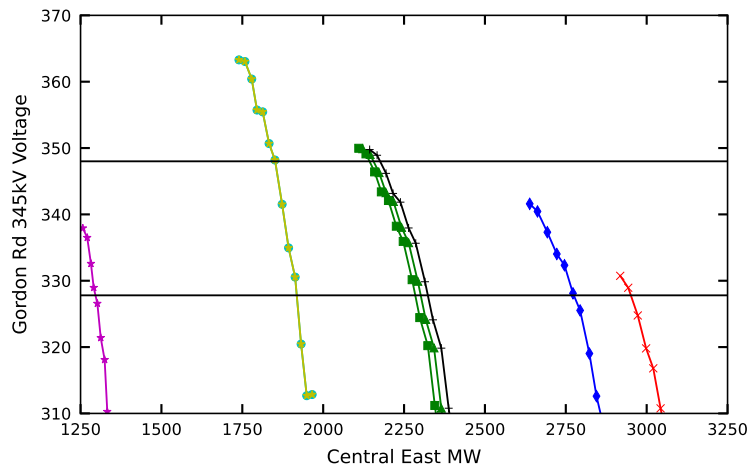
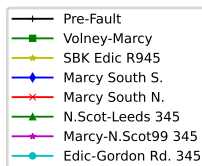
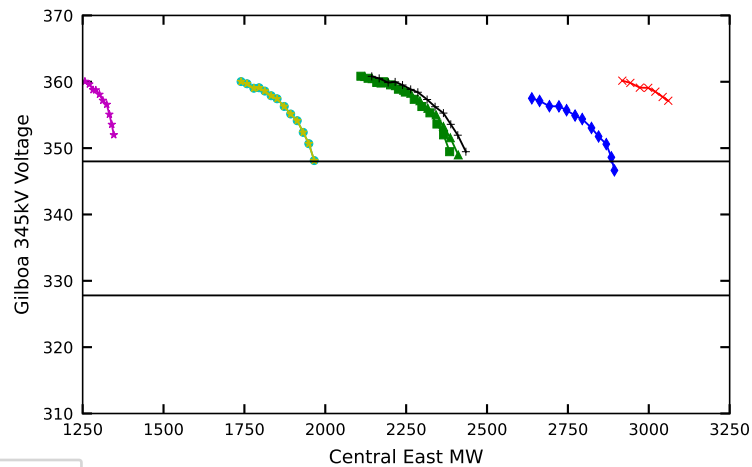
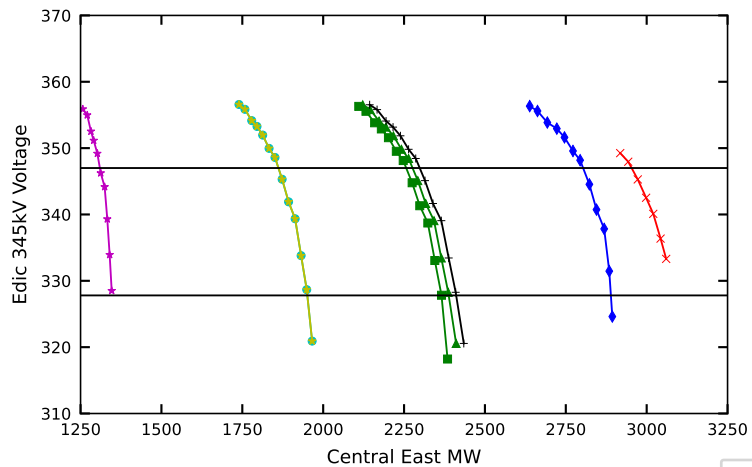
1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS Figure 1



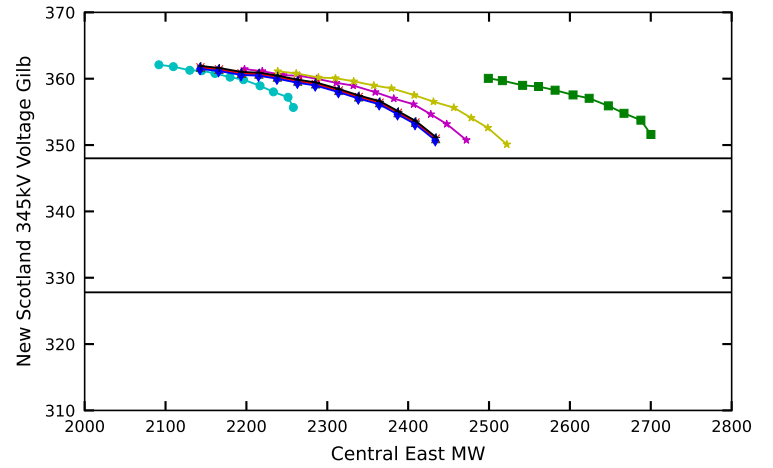
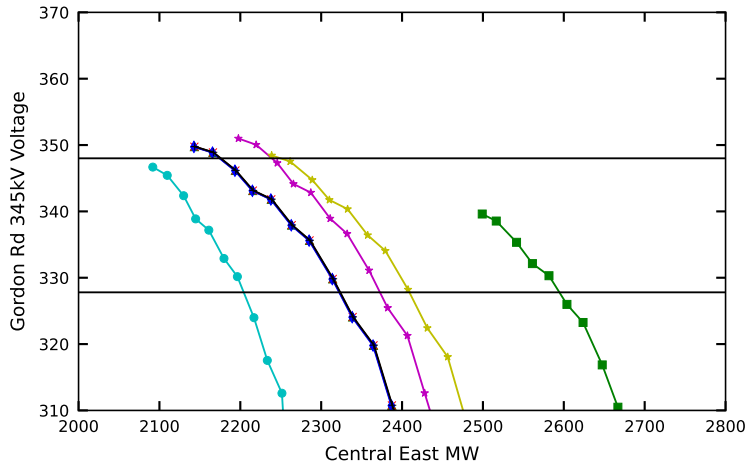
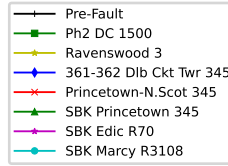
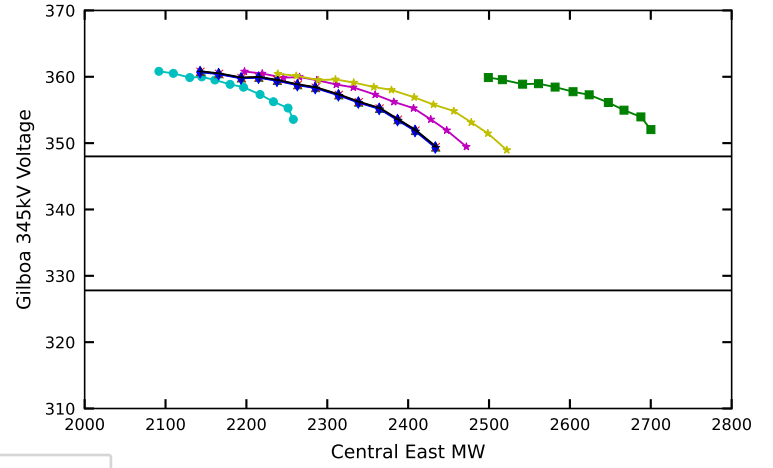
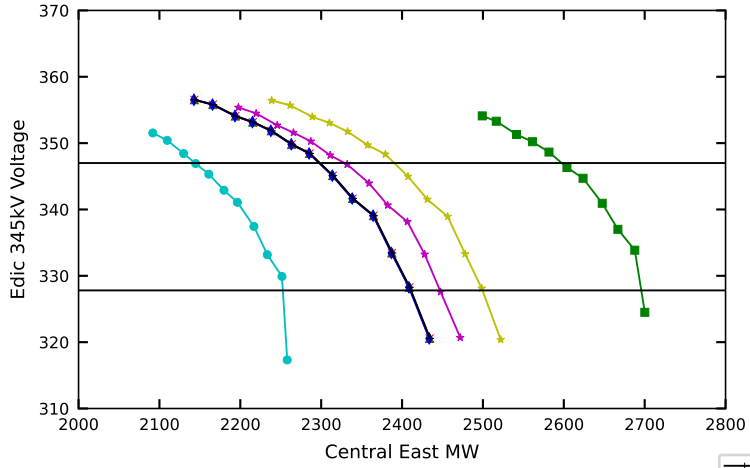
1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS Figure 2



1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS Figure 1



1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\371_OS\Sum2023_CEVC_PH2_10_371_OS.xlsx

1: 2023S CEVC PH2 CE2140 MS2270 DE1300 1O 371_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2143	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2166	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2194	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2215	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2238	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2264	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2286	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2314	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2339	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2365	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2387	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2409	t1	0	0	2	0	2	0	0	0	2	0	0	0	0	0	2
	2															
2434	t1	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2
	3															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-

E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\371_OS\Sum2023_CEVC_Ph2_10_371_OS.xlsx

1: 2023S CEVC PH2 CE2140 MS2270 DE1300 1O 371_OS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	2	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	2
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2054 <E	Dunwoodie 345kV Voltage	Pre-Fault	111.4	NA	348	2054
2065 <E	Sprain Brook 345kV Voltage	Pre-Fault	111.6	NA	348	2065
2171	limit with 5% margin	Marcy South N.	NA	NA	NA	2907
2174	Gordon Rd 345kV Voltage	Marcy South N.	6.6	327.8	348.2	2951
2175	Gordon Rd 345kV Voltage	Pre-Fault	10.2	NA	348	2175
2226	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	9.5	327.8	342.5	1296
2246	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1278
2253	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.8	327.8	339.6	2594
2266	Gordon Rd 345kV Voltage	Marcy South S.	8.6	327.8	337.7	2774
2268	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2145
2268	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2565
2289	limit with 5% margin	Marcy South S.	NA	NA	NA	2749
2290	Marcy 345kV Voltage	Pre-Fault	8.6	NA	348	2290
2297	Gordon Rd 345kV Voltage	SBK Marcy R3108	4.6	327.8	333.4	2204
2298	Edic 345kV Voltage	Pre-Fault	8.6	NA	347	2298
2312	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1867
2312	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2290
2312	limit with 5% margin	SBK Edic R945	NA	NA	NA	1867
2312	limit with 5% margin	Volney-Marcy	NA	NA	NA	2265
2312	limit with 5% margin	SBK Edic R70	NA	NA	NA	2348
2312	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2312
2312	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2312
2312	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2311
2312	limit with 5% margin	Ravenswood 3	NA	NA	NA	2395
2316	Gordon Rd 345kV Voltage	Ravenswood 3	4.2	327.8	329.4	2409
2318	Pannell Road 345kV Voltage	Pre-Fault	10.7	NA	346	2318
2320	Station 80 345kV Voltage	Pre-Fault	11.3	NA	346	2320
2321	Clay 345kV Voltage	Pre-Fault	8.9	NA	345	2321
2323	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	4.3	327.8	327.9	2322
2323	Gordon Rd 345kV Voltage	SBK Princetown 345	4.3	327.8	327.8	2322
2323	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	4.3	327.8	327.8	2322
2323	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	4.3	327.8	327.7	2301
2324	Gordon Rd 345kV Voltage	Volney-Marcy	4.3	327.8	327.5	2284
2325 >E	Edic 345kV Voltage	Marcy South N.	7.2	327.8	345.9	3091
2327 >E	Marcy 345kV Voltage	Marcy South N.	7.2	327.8	345.9	3093
2329	Gordon Rd 345kV Voltage	SBK Edic R70	4.4	327.8	326.5	2372
2330 >E	Clay 345kV Voltage	Marcy South N.	8.6	327.8	346.1	3094
2368 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	4.8	327.8	338.7	1347
2369	Edic 345kV Voltage	SBK Marcy R3108	1.8	327.8	338.1	2252

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2371	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	2.3	327.8	317.4	1918
2371	Gordon Rd 345kV Voltage	SBK Edic R945	2.3	327.8	317.4	1918
2372 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.8	327.8	338.4	1348
2375	Clay 345kV Voltage	SBK Marcy R3108	1.8	327.8	339.1	2254
2379	Edic 345kV Voltage	Ph2 DC 1500	2.4	327.8	335.4	2695
2380	Marcy 345kV Voltage	Ph2 DC 1500	2.4	327.8	335.3	2696
2385	Millwood 345kV Voltage	Pre-Fault	35.6	NA	348	2385
2386 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	339.5	1351
2394 >E	Clay 345kV Voltage	Ph2 DC 1500	3.1	327.8	335.4	2703
2399	Edic 345kV Voltage	Marcy South S.	3.2	327.8	330.7	2889
2400 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.1	327.8	339.2	2261
2400	Marcy 345kV Voltage	Marcy South S.	3.2	327.8	330.5	2889
2408	Edic 345kV Voltage	SBK Edic R70	3.8	327.8	328.5	2446
2409	Edic 345kV Voltage	Volney-Marcy	2.6	327.8	328.2	2365
2410	Edic 345kV Voltage	Ravenswood 3	3.2	327.8	328.0	2499
2411	Edic 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	327.8	2387
2411	Marcy 345kV Voltage	Volney-Marcy	2.6	327.8	327.9	2366
2411	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.3	327.8	327.8	2410
2411	Edic 345kV Voltage	SBK Princetown 345	3.3	327.8	327.8	2410
2411	Edic 345kV Voltage	Princetown-N.Scot 345	3.3	327.8	327.8	2410
2411 >E	Marcy 345kV Voltage	SBK Marcy R3108	4.0	327.8	327.8	2264
2411	Marcy 345kV Voltage	SBK Edic R945	3.2	327.8	327.8	1950
2411	Marcy 345kV Voltage	SBK Edic R70	3.2	327.8	327.8	2449
2411	Marcy 345kV Voltage	Princetown-N.Scot 345	3.2	327.8	327.8	2410
2411	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.2	327.8	327.8	2410
2411	Marcy 345kV Voltage	Ravenswood 3	3.2	327.8	327.8	2500
2411	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.2	327.8	327.8	1950
2411	Marcy 345kV Voltage	N.Scot-Leeds 345	3.2	327.8	327.8	2388
2411	Marcy 345kV Voltage	SBK Princetown 345	3.2	327.8	327.8	2410
2412	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.2	327.8	327.4	1951
2412	Edic 345kV Voltage	SBK Edic R945	3.2	327.8	327.4	1951
2412 >E	Clay 345kV Voltage	Marcy South S.	3.5	327.8	331.6	2895
2412	Clay 345kV Voltage	Volney-Marcy	2.5	327.8	331.3	2368
2414 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.8	327.8	339.2	2265
2415	Oakdale 345kV Voltage	Pre-Fault	4.2	NA	335	2415
2420 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.6	320	333.7	2267
2421	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.5	327.8	329.0	1957
2421	Clay 345kV Voltage	SBK Edic R945	3.5	327.8	329.0	1957
2421	Buchanan North 345kV Voltage	Pre-Fault	28.8	NA	346	2421

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2424 >E	Oakdale 345kV Voltage	Marcy South N.	9.5	320	346.6	3168
2424	Clay 345kV Voltage	Ravenswood 3	3.6	327.8	328.3	2512
2425 >E	Pannell Road 345kV Voltage	Marcy South N.	13.5	327.8	343.4	3169
2425	Clay 345kV Voltage	SBK Edic R70	4.0	327.8	327.9	2462
2425	Clay 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	327.9	2402
2425	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	327.8	327.8	2424
2425	Clay 345kV Voltage	SBK Princetown 345	3.7	327.8	327.8	2425
2425	Clay 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	2425
2430 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	5.0	327.8	335.3	2723
2431	Fraser 345kV Voltage	Pre-Fault	4.6	NA	338	2431
2434 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	5.3	320	339.2	1363
2438 >E	St.Lawrence 230kV Voltage	Pre-Fault	10.0	NA	225	2438
2440 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	7.0	218.5	224.8	2729
2444 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.5	320	328.6	2730
2444 >E	Coopers Corners 345kV Voltage	Pre-Fault	6.4	NA	338	2444
2447 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	6.1	327.8	343.7	1366
2449 >E	Gilboa 345kV Voltage	Pre-Fault	10.1	NA	348	2449
2449 >E	Station 80 345kV Voltage	Ph2 DC 1500	6.1	327.8	335.6	2733
2449 >E	Rock Tavern 345kV Voltage	Pre-Fault	15.8	NA	348	2449
2449 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	8.6	327.8	343.6	1366
2452 >E	Pannell Road 345kV Voltage	Marcy South S.	5.6	327.8	332.2	2912
2456 >E	Oakdale 345kV Voltage	Volney-Marcy	3.4	320	325.1	2400
2463 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	4.0	320	323.4	1985
2463 >E	Oakdale 345kV Voltage	SBK Edic R945	4.0	320	323.4	1985
2466 >E	Station 80 345kV Voltage	Marcy South N.	15.0	327.8	342.1	3201
2467 >E	New Scotland 345kV Voltage Alps	Pre-Fault	10.3	NA	348	2467
2467 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	10.3	NA	348	2467
2467 >E	Oakdale 345kV Voltage	Marcy South S.	4.0	320	323.6	2919
2472 >E	Oakdale 345kV Voltage	Ravenswood 3	4.1	320	321.3	2557
2477 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	4.2	320	320.1	2452
2477 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	4.2	320	320.0	2476
2477 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.2	320	320.0	2477
2477 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	4.2	320	320.0	2477
2478 >E	Station 80 345kV Voltage	Marcy South S.	7.0	327.8	332.3	2923
2478 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.6	327.8	327.8	1995
2478 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	327.8	2454
2478 >E	Fraser 345kV Voltage	SBK Edic R945	4.6	327.8	327.8	1995
2478 >E	Fraser 345kV Voltage	Volney-Marcy	4.6	327.8	327.8	2417
2478 >E	Fraser 345kV Voltage	SBK Edic R70	4.6	327.8	327.8	2514

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2478 >E	Fraser 345kV Voltage	SBK Princetown 345	4.6	327.8	327.8	2478
2478 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	4.6	327.8	327.8	2478
2478 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	327.8	2477
2478 >E	Fraser 345kV Voltage	Ravenswood 3	4.6	327.8	327.8	2563
2480 >E	Oakdale 345kV Voltage	SBK Edic R70	4.3	320	319.3	2516
2480 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	10.3	218.5	221.7	2284
2483 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	331.9	1998
2483 >E	Coopers Corners 345kV Voltage	SBK Edic R945	6.0	327.8	331.9	1998
2484 >E	St.Lawrence 230kV Voltage	Volney-Marcy	8.3	218.5	220.4	2421
2488 >E	Pleasant Valley 345kV Voltage	Pre-Fault	23.7	NA	348	2488
2489 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	12.9	327.8	341.1	1376
2490 >E	Coopers Corners 345kV Voltage	Ravenswood 3	6.2	327.8	330.8	2574
2492 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	6.4	327.8	333.3	2757
2495 >E	Fraser 345kV Voltage	Marcy South S.	5.7	327.8	327.8	2931
2495 >E	Buchanan South 345kV Voltage	Pre-Fault	28.5	NA	346	2495
2496 >E	St.Lawrence 230kV Voltage	Ravenswood 3	9.7	218.5	219.2	2580
2497 >E	Fraser 345kV Voltage	Ph2 DC 1500	5.8	327.8	327.8	2759
2497 >E	Fraser 345kV Voltage	SBK Marcy R3108	5.8	327.8	327.8	2289
2503 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	10.0	218.5	218.5	2502
2503 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	10.0	218.5	218.5	2502
2503 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	10.0	218.5	218.5	2502
2503 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	10.1	218.5	218.5	2478
2505 >E	Coopers Corners 345kV Voltage	SBK Edic R70	6.4	327.8	328.4	2540
2507 >E	Pannell Road 345kV Voltage	Volney-Marcy	11.8	327.8	336.4	2438
2507 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	6.3	327.8	328.2	2481
2507 >E	St.Lawrence 230kV Voltage	SBK Edic R70	10.6	218.5	218.1	2542
2508 >E	Coopers Corners 345kV Voltage	Volney-Marcy	6.1	327.8	328.0	2439
2509 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	327.8	2508
2509 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	6.4	327.8	327.8	2508
2509 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.8	2508
2510 >E	St.Lawrence 230kV Voltage	SBK Edic R945	10.5	218.5	217.8	2016
2510 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	10.5	218.5	217.8	2016
2513 >E	Ramapo 500kV Voltage	Ravenswood 3	28.8	500	504.9	2595
2524 >E	Ramapo 500kV Voltage	Ph2 DC 1500	33.1	500	505.7	2774
2542 >E	Ramapo 345kV Voltage	Pre-Fault	27.1	NA	346	2542
2543 >E	Somerset 345kV Voltage	SBK Marcy R3108	7.7	327.8	345.0	2302
2551 >E	Niagara 230kV East Voltage	SBK Marcy R3108	12.9	218.5	223.6	2304
2551 >E	Niagara 230kV West Voltage	SBK Marcy R3108	12.9	218.5	223.6	2304

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2554 >E	St.Lawrence 230kV Voltage	Marcy South S.	15.7	218.5	220.6	2957
2560 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	8.7	327.8	324.9	2307
2566 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	17.8	327.8	342.5	1395
2576 >E	Niagara 230kV East Voltage	Ph2 DC 1500	15.1	218.5	222.3	2802
2576 >E	Niagara 230kV West Voltage	Ph2 DC 1500	15.1	218.5	222.3	2802
2581 >E	Ladentown 345kV Voltage	Pre-Fault	27.4	NA	346	2581
2616 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	29.8	500	501.7	2087
2616 >E	Ramapo 500kV Voltage	SBK Edic R945	29.8	500	501.7	2087
2616 >E	Gilboa 345kV Voltage	Marcy South S.	11.0	327.8	336.3	2984
2618 >E	Leeds 345kV Voltage	Pre-Fault	19.0	NA	345	2618
2618 >E	New Scotland 345kV Voltage Alps	Marcy South S.	10.9	327.8	339.4	2985
2618 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	10.9	327.8	339.4	2985
2619 >E	Roseton 345kV Voltage	Pre-Fault	24.8	NA	345	2619
2628 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	8.9	327.8	332.2	2600
2628 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	8.9	327.8	332.2	2600
2631 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	24.5	218.5	225.6	1411
2634 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	9.8	327.8	329.6	2099
2634 >E	Gilboa 345kV Voltage	SBK Edic R945	9.8	327.8	329.6	2099
2638 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	10.5	327.8	338.4	2836
2638 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	10.5	327.8	338.4	2836
2639 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	9.7	327.8	329.1	2611
2641 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	10.0	327.8	330.9	2104
2641 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	10.0	327.8	330.9	2104
2641 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	10.0	327.8	330.9	2104
2641 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	10.0	327.8	330.9	2104
2645 >E	Gilboa 345kV Voltage	Ravenswood 3	10.0	327.8	328.5	2720
2649 >E	Gilboa 345kV Voltage	Volney-Marcy	9.9	327.8	328.2	2544
2651 >E	Somerset 345kV Voltage	Ph2 DC 1500	12.7	327.8	340.5	2843
2651 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	10.1	327.8	327.9	2650
2651 >E	Bowline 1 345kV Voltage	Pre-Fault	27.3	NA	345	2651
2652 >E	Gilboa 345kV Voltage	SBK Princetown 345	10.1	327.8	327.9	2651
2652 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	10.1	327.8	327.9	2651
2653 >E	Gilboa 345kV Voltage	SBK Edic R70	10.1	327.8	327.8	2684
2654 >E	Ramapo 500kV Voltage	Volney-Marcy	30.3	500	500.5	2549
2659 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	10.1	327.8	329.3	2732
2659 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	10.1	327.8	329.3	2732
2659 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	9.6	327.8	329.2	2552
2659 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	9.6	327.8	329.2	2552
2662 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	31.4	500	500.3	2633
2664 >E	Bowline 2 345kV Voltage	Pre-Fault	27.3	NA	345	2664

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2667 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	46.6	500	505.6	1419
2669 >E	Ramapo 500kV Voltage	SBK Edic R70	32.1	500	500.0	2700
2669 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	10.3	327.8	328.2	2668
2669 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	10.3	327.8	328.2	2668
2670 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	32.0	500	500.0	2668
2670 >E	Ramapo 500kV Voltage	SBK Princetown 345	32.0	500	500.0	2669
2670 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	32.0	500	500.0	2669
2670 >E	Ramapo 500kV Voltage	Pre-Fault	32.0	NA	500	2670
2672 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	10.3	327.8	328.0	2671
2672 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	10.3	327.8	328.0	2671
2672 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	10.4	327.8	328.0	2702
2672 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	10.4	327.8	328.0	2702
2672 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	10.3	327.8	328.0	2671
2672 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	10.3	327.8	328.0	2671
2676 >E	Gilboa 345kV Voltage	Ph2 DC 1500	11.9	327.8	332.1	2857
2706 >E	Rock Tavern 345kV Voltage	Ravenswood 3	15.2	327.8	331.7	2776
2716 >E	Watercure 230kV Voltage	SBK Marcy R3108	14.9	207	231.3	2352
2719 >E	Dunwoodie 345kV Voltage	Ravenswood 3	29.0	327.8	335.4	2789
2721 >E	St.Lawrence 230kV Voltage	Marcy South N.	34.4	218.5	227.4	3400
2721 >E	Sprain Brook 345kV Voltage	Ravenswood 3	28.9	327.8	335.4	2791
2730 >E	Gilboa 345kV Voltage	SBK Marcy R3108	13.3	327.8	328.0	2356
2732 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	15.0	327.8	330.1	2164
2732 >E	Rock Tavern 345kV Voltage	SBK Edic R945	15.0	327.8	330.1	2164
2757 >E	Buchanan North 345kV Voltage	Ravenswood 3	26.0	327.8	334.4	2824
2761 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	15.6	327.8	328.2	2730
2761 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	38.4	327.8	332.5	2183
2761 >E	Pannell Road 345kV Voltage	SBK Edic R945	38.4	327.8	332.5	2183
2763 >E	Rock Tavern 345kV Voltage	Volney-Marcy	15.4	327.8	328.1	2630
2764 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	16.5	327.8	340.5	1443
2765 >E	Rock Tavern 345kV Voltage	SBK Edic R70	15.8	327.8	328.0	2793
2767 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	15.8	327.8	327.8	2766
2767 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	15.8	327.8	327.8	2767
2767 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	15.8	327.8	327.8	2767
2771 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	16.5	327.8	333.2	2909
2773 >E	Millwood 345kV Voltage	Ravenswood 3	26.0	327.8	334.9	2839
2775 >E	Ramapo 500kV Voltage	SBK Marcy R3108	45.7	500	500.1	2369
2777 >E	Somerset 345kV Voltage	Marcy South S.	16.9	327.8	336.6	3054

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2800 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	14.8	327.8	327.7	2376
2800 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	14.8	327.8	327.7	2376
2815 >E	Buchanan South 345kV Voltage	Ravenswood 3	25.6	327.8	334.8	2879
2853 >E	Gardenville 230kV Voltage	SBK Marcy R3108	18.5	207	221.2	2391
2872 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	23.5	327.8	338.0	1469
2876 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	22.6	327.8	331.6	2936
2878 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	26.8	327.8	333.3	2967
2885 >E	Ramapo 345kV Voltage	Ravenswood 3	25.2	327.8	333.3	2945
2899 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	28.9	327.8	331.0	2979
2907 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	29.4	327.8	330.9	2983
2907 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	27.7	327.8	329.1	2281
2907 >E	Ladentown 345kV Voltage	Ravenswood 3	25.1	327.8	334.1	2965
2907 >E	Buchanan North 345kV Voltage	SBK Edic R945	27.7	327.8	329.1	2281
2917 >E	New Scotland 345kV Voltage Alps	Marcy South N.	25.6	327.8	347.7	3554
2917 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	25.6	327.8	347.7	3554
2918 >E	Somerset 345kV Voltage	Marcy South N.	29.3	327.8	344.2	3555
2927 >E	Pannell Road 345kV Voltage	Ravenswood 3	53.6	327.8	330.1	2984
2932 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	28.2	327.8	328.3	2897
2941 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	22.7	327.8	328.9	2905
2942 >E	Buchanan North 345kV Voltage	Volney-Marcy	28.4	327.8	328.0	2763
2944 >E	Leeds 345kV Voltage	SBK Edic R70	19.0	327.8	327.8	2967
2944 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	19.0	327.8	327.8	2305
2944 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	19.0	327.8	327.8	2909
2944 >E	Leeds 345kV Voltage	SBK Edic R945	19.0	327.8	327.8	2305
2944 >E	Leeds 345kV Voltage	SBK Princetown 345	19.0	327.8	327.8	2944
2944 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	19.0	327.8	327.8	2944
2944 >E	Leeds 345kV Voltage	Ravenswood 3	19.0	327.8	327.8	3000
2944 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	19.0	327.8	327.8	2943
2944 >E	Leeds 345kV Voltage	Volney-Marcy	19.0	327.8	327.8	2765
2945 >E	Buchanan North 345kV Voltage	SBK Edic R70	29.0	327.8	327.8	2968
2946 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	28.8	327.8	327.8	2944
2946 >E	Buchanan North 345kV Voltage	SBK Princetown 345	28.8	327.8	327.8	2945
2946 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	28.8	327.8	327.8	2945
2946 >E	Bowline 1 345kV Voltage	Ravenswood 3	25.0	327.8	334.2	3002
2947 >E	Millwood 345kV Voltage	Ph2 DC 1500	27.6	327.8	332.2	3005
2949 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	28.4	207	232.3	1488
2956 >E	Roseton 345kV Voltage	Ravenswood 3	23.7	327.8	331.4	3011
2957 >E	Bowline 2 345kV Voltage	Ravenswood 3	25.0	327.8	334.2	3012
2958 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	32.7	327.8	328.3	2922

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2958 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	23.4	327.8	324.3	2422
2959 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	32.5	327.8	328.3	2923
2962 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	33.0	327.8	328.2	2317
2962 >E	Sprain Brook 345kV Voltage	SBK Edic R945	33.0	327.8	328.2	2317
2962 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	33.1	327.8	328.2	2317
2962 >E	Dunwoodie 345kV Voltage	SBK Edic R945	33.1	327.8	328.2	2317
2962 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	28.3	327.8	328.4	2926
2965 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	28.7	327.8	328.3	2319
2965 >E	Millwood 345kV Voltage	SBK Edic R945	28.7	327.8	328.3	2319
2965 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	23.7	327.8	327.8	2964
2966 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	23.8	327.8	327.8	2988
2966 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	23.7	327.8	327.8	2965
2966 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	23.7	327.8	327.8	2965
2968 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	27.0	327.8	333.4	3016
2968 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	23.6	327.8	327.7	2782
2969 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	23.8	327.8	327.7	2322
2969 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	23.8	327.8	327.7	2322
2973 >E	Dunwoodie 345kV Voltage	SBK Edic R70	33.7	327.8	327.9	2995
2974 >E	Sprain Brook 345kV Voltage	SBK Edic R70	33.5	327.8	327.9	2996
2974 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	33.6	327.8	327.8	2972
2974 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	33.6	327.8	327.8	2973
2974 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	33.6	327.8	327.8	2974
2975 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	33.4	327.8	327.8	2973
2975 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	33.4	327.8	327.8	2974
2975 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	33.4	327.8	327.8	2975
2978 >E	Leeds 345kV Voltage	Marcy South S.	22.0	327.8	334.9	3141
2979 >E	Millwood 345kV Voltage	SBK Edic R70	29.2	327.8	327.9	3001
2980 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	29.1	327.8	327.8	2978
2980 >E	Millwood 345kV Voltage	SBK Princetown 345	29.1	327.8	327.8	2980
2980 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	29.1	327.8	327.8	2980
2981 >E	Dunwoodie 345kV Voltage	Volney-Marcy	33.6	327.8	327.6	2792
2981 >E	Fraser 345kV Voltage	Marcy South N.	23.5	327.8	327.8	3604
2982 >E	Sprain Brook 345kV Voltage	Volney-Marcy	33.4	327.8	327.6	2793
2982 >E	Ramapo 345kV Voltage	Ph2 DC 1500	26.2	327.8	334.9	3024
2984 >E	Millwood 345kV Voltage	Volney-Marcy	29.0	327.8	327.7	2795
2986 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	27.7	327.8	328.7	2333
2986 >E	Buchanan South 345kV Voltage	SBK Edic R945	27.7	327.8	328.7	2333

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2987 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	25.9	327.8	329.6	2333
2987 >E	Ramapo 345kV Voltage	SBK Edic R945	25.9	327.8	329.6	2333
2995 >E	Gardenville 230kV Voltage	Ph2 DC 1500	23.7	207	217.5	3031
2995 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	27.7	327.8	328.4	2958
2997 >E	Niagara 345kV Voltage	SBK Marcy R3108	21.2	327.8	358.8	2433
3012 >E	Buchanan South 345kV Voltage	SBK Edic R70	28.6	327.8	327.8	3033
3012 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	28.5	327.8	327.8	3011
3012 >E	Buchanan South 345kV Voltage	Volney-Marcy	28.2	327.8	327.8	2816
3013 >E	Buchanan South 345kV Voltage	SBK Princetown 345	28.5	327.8	327.8	3012
3013 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	28.5	327.8	327.8	3012
3022 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	26.6	327.8	328.3	2984
3022 >E	Ladentown 345kV Voltage	Ph2 DC 1500	26.2	327.8	335.8	3045
3025 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	24.4	327.8	328.7	2359
3025 >E	Roseton 345kV Voltage	SBK Edic R945	24.4	327.8	328.7	2359
3027 >E	Ramapo 345kV Voltage	Volney-Marcy	26.6	327.8	328.1	2827
3031 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	24.3	327.8	328.4	2993
3033 >E	Ladentown 345kV Voltage	SBK Edic R945	26.2	327.8	329.5	2364
3033 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	26.2	327.8	329.5	2364
3035 >E	Ramapo 345kV Voltage	SBK Edic R70	27.3	327.8	327.8	3055
3035 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	27.1	327.8	327.8	3034
3036 >E	Ramapo 345kV Voltage	SBK Princetown 345	27.1	327.8	327.8	3035
3036 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	27.1	327.8	327.8	3035
3043 >E	Roseton 345kV Voltage	Volney-Marcy	24.6	327.8	327.9	2839
3045 >E	Roseton 345kV Voltage	SBK Edic R70	24.9	327.8	327.8	3065
3045 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	24.8	327.8	327.8	3044
3046 >E	Roseton 345kV Voltage	SBK Princetown 345	24.8	327.8	327.8	3045
3046 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	24.8	327.8	327.8	3045
3051 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	27.3	327.8	332.6	3061
3052 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	64.2	327.8	328.2	3014
3062 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	26.8	327.8	328.4	3024
3062 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	26.2	327.8	336.3	3068
3064 >E	Niagara 230kV East Voltage	Pre-Fault	95.6	NA	225	3064
3064 >E	Niagara 230kV West Voltage	Pre-Fault	95.6	NA	225	3064
3071 >E	Ladentown 345kV Voltage	Volney-Marcy	26.9	327.8	328.1	2860
3073 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	26.2	327.8	329.6	2391
3073 >E	Bowline 1 345kV Voltage	SBK Edic R945	26.2	327.8	329.6	2391
3074 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	26.2	327.8	337.7	3074
3075 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr	66.2	327.8	327.8	3073

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3076 >E	Pannell Road 345kV Voltage	SBK Princetown 345	66.3	327.8	327.8	3075
3076 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	66.3	327.8	327.8	3075
3078 >E	Ladentown 345kV Voltage	SBK Edic R70	27.5	327.8	327.8	3097
3078 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr	27.4	327.8	327.8	3077
		345				
3079 >E	Ladentown 345kV Voltage	SBK Princetown 345	27.4	327.8	327.8	3078
3079 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	27.4	327.8	327.8	3078
3085 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	26.1	327.8	329.6	2399
3085 >E	Bowline 2 345kV Voltage	SBK Edic R945	26.1	327.8	329.6	2399
3103 >E	Roseton 345kV Voltage	Ph2 DC 1500	27.3	327.8	332.8	3090
3104 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	26.7	327.8	328.4	3064
3106 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	53.3	218.5	226.8	1526
3106 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	53.3	218.5	226.8	1526
3108 >E	Niagara 230kV East Voltage	Volney-Marcy	52.9	218.5	224.5	2887
3108 >E	Niagara 230kV West Voltage	Volney-Marcy	52.9	218.5	224.5	2887
3108 >E	Watercure 230kV Voltage	Ph2 DC 1500	31.8	207	230.0	3092
3113 >E	Bowline 1 345kV Voltage	Volney-Marcy	26.8	327.8	328.1	2891
3115 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	26.7	327.8	328.4	3076
3121 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr	27.3	327.8	327.8	3119
		345				
3121 >E	Bowline 1 345kV Voltage	SBK Edic R70	27.4	327.8	327.8	3138
3121 >E	Bowline 1 345kV Voltage	SBK Princetown 345	27.3	327.8	327.8	3120
3121 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	27.3	327.8	327.8	3120
3122 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	41.3	327.8	324.8	2469
3124 >E	Bowline 2 345kV Voltage	Volney-Marcy	26.8	327.8	328.1	2900
3132 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	42.2	327.8	324.8	2472
3133 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr	27.3	327.8	327.8	3131
		345				
3133 >E	Bowline 2 345kV Voltage	SBK Edic R70	27.4	327.8	327.8	3150
3133 >E	Bowline 2 345kV Voltage	SBK Princetown 345	27.3	327.8	327.8	3132
3133 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	27.3	327.8	327.8	3132
3135 >E	Ramapo 500kV Voltage	Marcy South S.	88.0	500	492.0	3210
3172 >E	Leeds 345kV Voltage	SBK Marcy R3108	27.0	327.8	327.8	2483
3172 >E	Leeds 345kV Voltage	Ph2 DC 1500	27.0	327.8	327.8	3127
3198 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	41.5	327.8	324.3	2491
3227 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	46.0	327.8	334.4	1556
3234 >E	Watercure 230kV Voltage	Marcy South N.	50.7	207	235.4	3802
3239 >E	Millwood 345kV Voltage	SBK Marcy R3108	41.5	327.8	324.0	2503
3261 >E	Pleasant Valley 345kV Voltage	Marcy South S.	39.8	327.8	327.9	3265
3313 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	37.8	327.8	324.9	2524

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3316 >E	Ramapo 500kV Voltage	Marcy South N.	111.3	500	503.8	3866
3327 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	42.4	327.8	323.5	2528
3333 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	42.7	327.8	337.3	1582
3376 >E	Niagara 230kV East Voltage	Marcy South S.	74.4	218.5	224.8	3315
3376 >E	Niagara 230kV West Voltage	Marcy South S.	74.4	218.5	224.8	3315
3382 >E	Roseton 345kV Voltage	SBK Marcy R3108	37.3	327.8	324.6	2544
3390 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	56.3	327.8	330.3	1596
3403 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	56.8	327.8	330.5	1599
3413 >E	Ramapo 345kV Voltage	SBK Marcy R3108	42.7	327.8	322.9	2553
3425 >E	Niagara 345kV Voltage	Marcy South S.	34.3	327.8	340.0	3337
3428 >E	Gilboa 345kV Voltage	Marcy South N.	38.9	327.8	336.0	3954
3452 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	44.5	327.8	338.5	1611
3452 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	33.9	327.8	320.0	1611
3452 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	33.9	327.8	320.0	1611
3455 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	49.4	327.8	334.1	1611
3470 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	52.8	327.8	331.9	1615
3515 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	83.8	218.5	220.3	2685
3515 >E	Niagara 230kV East Voltage	SBK Edic R945	83.8	218.5	220.3	2685
3515 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	83.8	218.5	220.3	2685
3515 >E	Niagara 230kV West Voltage	SBK Edic R945	83.8	218.5	220.3	2685
3530 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	44.8	327.8	340.1	1630
3539 >E	Ladentown 345kV Voltage	SBK Marcy R3108	45.3	327.8	321.9	2589
3548 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	44.7	327.8	340.7	1634
3587 >E	Niagara 230kV East Voltage	Ravenswood 3	90.0	218.5	219.5	3603
3587 >E	Niagara 230kV West Voltage	Ravenswood 3	90.0	218.5	219.5	3603
3608 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	46.9	327.8	333.8	1649
3631 >E	Niagara 345kV Voltage	Ph2 DC 1500	43.4	327.8	359.2	3377
3647 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	46.7	327.8	320.6	2620
3674 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	94.8	218.5	218.6	3621
3674 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	94.8	218.5	218.6	3621
3685 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	95.6	218.5	218.5	3683
3685 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	95.6	218.5	218.5	3683
3685 >E	Niagara 230kV East Voltage	SBK Princetown 345	95.6	218.5	218.5	3684
3685 >E	Niagara 230kV West Voltage	SBK Princetown 345	95.6	218.5	218.5	3684
3685 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	95.6	218.5	218.5	3684
3685 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	95.6	218.5	218.5	3684
3755 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	49.8	327.8	320.6	2651
3823 >E	Niagara 230kV East Voltage	SBK Edic R70	106.5	218.5	217.1	3820
3823 >E	Niagara 230kV West Voltage	SBK Edic R70	106.5	218.5	217.1	3820

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Interface: Central East

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1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3868 >E	Rainey 345kV Voltage	Ravenswood 3	70.7	327.8	340.8	3866
3894 >E	Watercure 230kV Voltage	Volney-Marcy	60.9	207	242.0	3475
3916 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	51.9	327.8	327.8	1724
3929 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	60.1	327.8	327.8	1727
3947 >E	Millwood 345kV Voltage	Marcy South S.	75.4	327.8	311.8	3564
3953 >E	Farragut 345kV Voltage	Ravenswood 3	74.5	327.8	340.0	3946
3969 >E	Dunwoodie 345kV Voltage	Marcy South S.	88.3	327.8	313.9	3574
3975 >E	Roseton 345kV Voltage	Marcy South S.	58.5	327.8	310.0	3576
3983 >E	Sprain Brook 345kV Voltage	Marcy South S.	88.4	327.8	313.5	3580
4061 >E	Niagara 345kV Voltage	Marcy South N.	62.6	327.8	347.3	4450
4103 >E	Leeds 345kV Voltage	Marcy South N.	59.1	327.8	341.6	4482
4136 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	69.8	207	229.1	1777
4163 >E	Coopers Corners 345kV Voltage	Marcy South N.	54.4	327.8	298.1	4529
4170 >E	Rainey 345kV Voltage	Pre-Fault	107.3	NA	338	4170
4180 >E	Farragut 345kV Voltage	Pre-Fault	111.5	NA	338	4180
4320 >E	Buchanan South 345kV Voltage	Marcy South S.	84.1	327.8	302.8	3727
4385 >E	Niagara 230kV East Voltage	Marcy South N.	144.5	218.5	229.7	4703
4385 >E	Niagara 230kV West Voltage	Marcy South N.	144.5	218.5	229.7	4703
4406 >E	Watercure 230kV Voltage	Marcy South S.	80.2	207	233.1	3764
4490 >E	Buchanan North 345kV Voltage	Marcy South S.	97.0	327.8	295.6	3801
4622 >E	Goethals 345kV Voltage	Ravenswood 3	101.1	327.8	338.9	4574
4685 >E	Rock Tavern 345kV Voltage	Marcy South S.	74.3	327.8	245.6	3886
4713 >E	Coopers Corners 345kV Voltage	Marcy South S.	57.7	327.8	65.6	3898
4757 >E	Goethals 345kV Voltage	Pre-Fault	151.0	NA	338	4757
4953 >E	Rainey 345kV Voltage	Ph2 DC 1500	95.7	327.8	333.6	4098
4993 >E	Farragut 345kV Voltage	Ph2 DC 1500	99.2	327.8	333.6	4120
5075 >E	Pannell Road 345kV Voltage	SBK Edic R70	271.9	327.8	297.7	5036
5183 >E	Pleasant Valley 345kV Voltage	Marcy South N.	114.7	327.8	336.8	5328
5184 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	104.3	327.8	328.6	5096
5213 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	105.6	327.8	328.3	3817
5213 >E	Rainey 345kV Voltage	SBK Edic R945	105.6	327.8	328.3	3817
5233 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	108.3	327.8	328.5	5143
5261 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	109.5	327.8	328.3	3849
5261 >E	Farragut 345kV Voltage	SBK Edic R945	109.5	327.8	328.3	3849
5265 >E	Rainey 345kV Voltage	361-362 D1b Ckt Twr 345	107.3	327.8	327.8	5261
5265 >E	Rainey 345kV Voltage	SBK Princetown 345	107.3	327.8	327.8	5263
5265 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	107.3	327.8	327.8	5264
5270 >E	Rainey 345kV Voltage	SBK Edic R70	107.6	327.8	327.8	5225
5278 >E	Rainey 345kV Voltage	Volney-Marcy	107.6	327.8	327.7	4508
5316 >E	Farragut 345kV Voltage	361-362 D1b Ckt Twr	111.5	327.8	327.8	5312

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\371_OS\Sum2023_CEVC_PH2_10_371_OS.xlsx

1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
5316 >E	Farragut 345kV Voltage	SBK Princetown 345	111.4	327.8	327.8	5314
5316 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	111.4	327.8	327.8	5314
5320 >E	Farragut 345kV Voltage	SBK Edic R70	111.7	327.8	327.8	5274
5328 >E	Farragut 345kV Voltage	Volney-Marcy	111.7	327.8	327.7	4546
5446 >E	Ramapo 345kV Voltage	Marcy South S.	113.5	327.8	270.4	4218
5453 >E	Gardenville 230kV Voltage	Marcy South N.	126.4	207	232.9	5539
5499 >E	Ladentown 345kV Voltage	Marcy South S.	113.0	327.8	272.1	4241
5739 >E	Gardenville 230kV Voltage	Marcy South S.	131.3	207	232.4	4346
5811 >E	Goethals 345kV Voltage	Ph2 DC 1500	132.3	327.8	333.8	4565
6034 >E	Bowline 1 345kV Voltage	Marcy South S.	125.8	327.8	259.6	4475
6059 >E	Bowline 2 345kV Voltage	Marcy South S.	124.8	327.8	259.3	4486
6186 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	146.7	327.8	328.5	6073
6207 >E	Rock Tavern 345kV Voltage	Marcy South N.	129.8	327.8	315.6	6129
6216 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	148.0	327.8	328.3	4485
6217 >E	Goethals 345kV Voltage	SBK Edic R945	148.1	327.8	328.3	4486
6233 >E	Rainey 345kV Voltage	SBK Marcy R3108	143.1	327.8	323.2	3364
6297 >E	Goethals 345kV Voltage	SBK Princetown 345	151.0	327.8	327.8	6295
6297 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	151.0	327.8	327.8	6293
6298 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	151.0	327.8	327.8	6296
6304 >E	Goethals 345kV Voltage	SBK Edic R70	151.4	327.8	327.8	6229
6306 >E	Farragut 345kV Voltage	SBK Marcy R3108	148.8	327.8	323.3	3385
6318 >E	Goethals 345kV Voltage	Volney-Marcy	151.6	327.8	327.7	5285
6401 >E	Buchanan North 345kV Voltage	Marcy South N.	186.2	327.8	328.2	6281
6541 >E	Roseton 345kV Voltage	Marcy South N.	147.1	327.8	330.2	6391
6791 >E	Millwood 345kV Voltage	Marcy South N.	201.3	327.8	330.4	6587
6813 >E	Station 80 345kV Voltage	Volney-Marcy	426.3	327.8	585.7	5655
7090 >E	Buchanan South 345kV Voltage	Marcy South N.	198.6	327.8	330.0	6821
7100 >E	Sprain Brook 345kV Voltage	Marcy South N.	244.8	327.8	329.1	6829
7131 >E	Dunwoodie 345kV Voltage	Marcy South N.	247.8	327.8	329.1	6853
7229 >E	Ramapo 345kV Voltage	Marcy South N.	183.9	327.8	327.4	6929
7656 >E	Goethals 345kV Voltage	SBK Marcy R3108	203.1	327.8	323.1	3774
7694 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	197.2	327.8	332.6	2645
7812 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	205.6	327.8	332.6	2673
7949 >E	Ladentown 345kV Voltage	Marcy South N.	203.8	327.8	328.7	7493
8834 >E	Bowline 1 345kV Voltage	Marcy South N.	224.2	327.8	329.1	8186
8903 >E	Bowline 2 345kV Voltage	Marcy South N.	223.3	327.8	329.0	8240
9459 >E	Northport 138kV Voltage	Pre-Fault	798.6	NA	135	9459
9622 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	278.5	327.8	332.6	3114
10121	Rainey 345kV Voltage	Marcy South S.	286.7	327.8	306.7	6258

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
10230	Farragut 345kV Voltage	Marcy South S.	296.6	327.8	307.2	6305
>E						
11016	Northport 138kV Voltage	Ravenswood 3	691.1	131.1	133.1	10571
>E						
12336	Northport 138kV Voltage	N.Scot-Leeds 345	780.1	131.1	131.4	12078
>E						
12473	Northport 138kV Voltage	Edic-Gordon Rd. 345	790.6	131.1	131.2	8655
>E						
12478	Northport 138kV Voltage	SBK Edic R945	790.9	131.1	131.2	8658
>E						
12569	Northport 138kV Voltage	Princetown-N.Scot 345	798.2	131.1	131.1	12564
>E						
12573	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	798.6	131.1	131.1	12564
>E						
12574	Northport 138kV Voltage	SBK Princetown 345	798.6	131.1	131.1	12569
>E						
12581	Northport 138kV Voltage	SBK Edic R70	799.4	131.1	131.1	12326
>E						
12640	Northport 138kV Voltage	Volney-Marcy	803.3	131.1	131.0	10007
>E						
13004	Goethals 345kV Voltage	Marcy South S.	408.1	327.8	307.1	7515
>E						
23139	Rainey 345kV Voltage	Marcy South N.	759.9	327.8	330.7	19383
>E						
23334	Farragut 345kV Voltage	Marcy South N.	782.9	327.8	330.8	19536
>E						
28202	Northport 138kV Voltage	Marcy South S.	2023.4	131.1	122.8	14146
>E						
31151	Goethals 345kV Voltage	Marcy South N.	1095.7	327.8	331.1	25655
>E						
99998	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
>E						
99998	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R945	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\371_OS\Sum2023_CEVC_PH2_10_371_OS.xlsx

1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998
99998 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
99998	Station 80 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\371_OS\Sum2023_CEVC_PH2_10_371_OS.xlsx

1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Station 80 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Somerset 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	Edic-Gordon Rd. 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

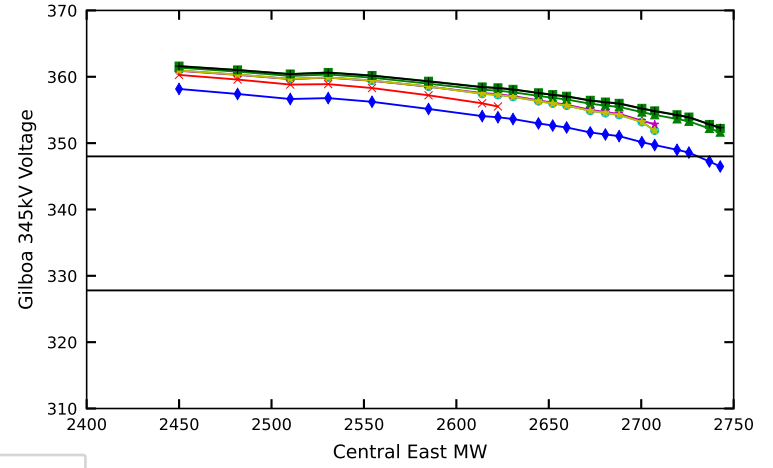
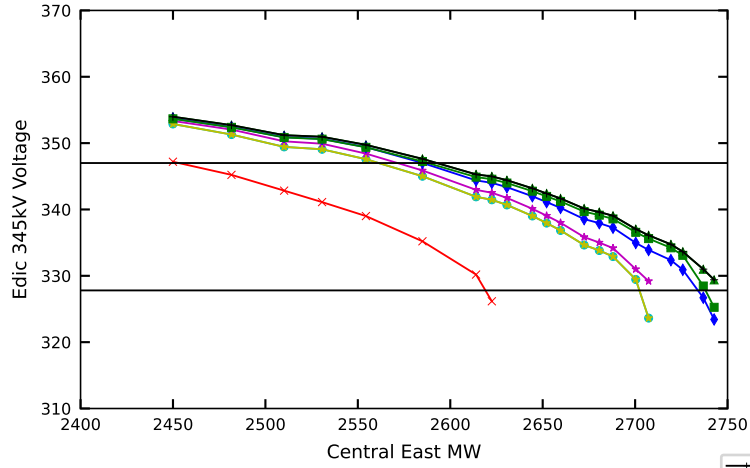
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\371_OS\Sum2023_CEVC_PH2_10_371_OS.xlsx

1: 2023S CEVC PH2 CE2140 MS2270 DE1300 10 371_OS

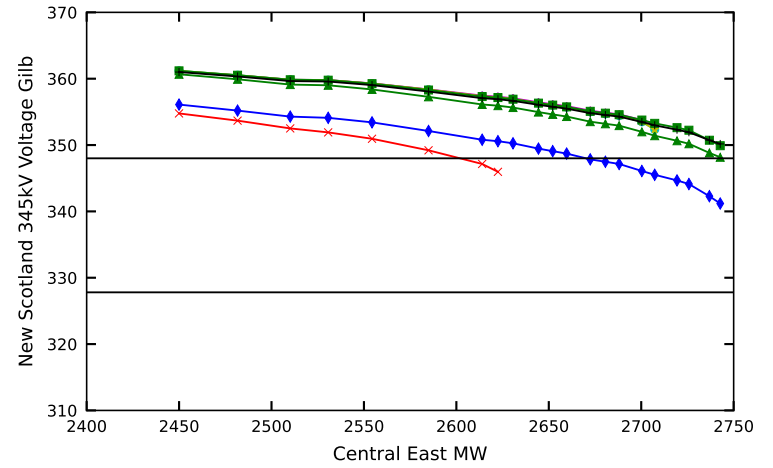
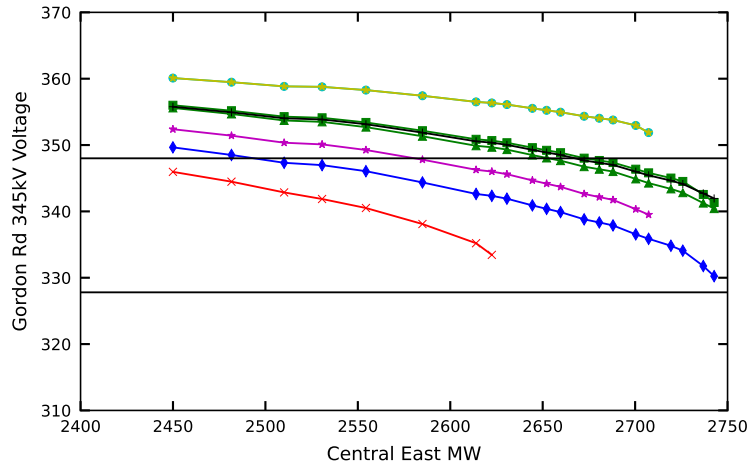
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Watercure 230kV Voltage	SBK Edic R945	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
99999 >E	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

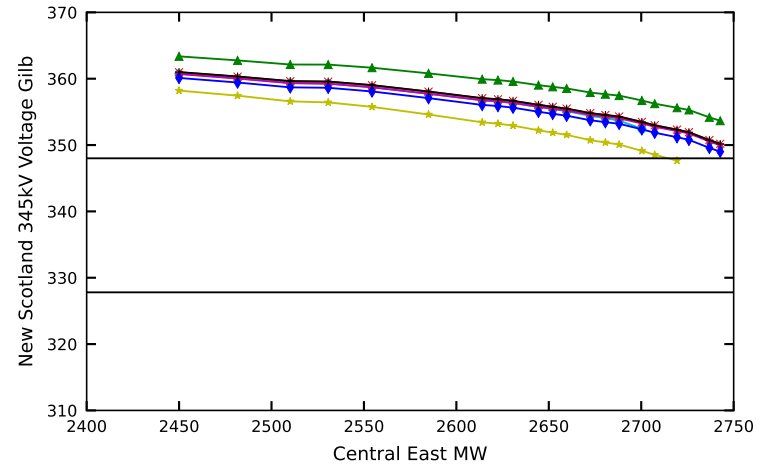
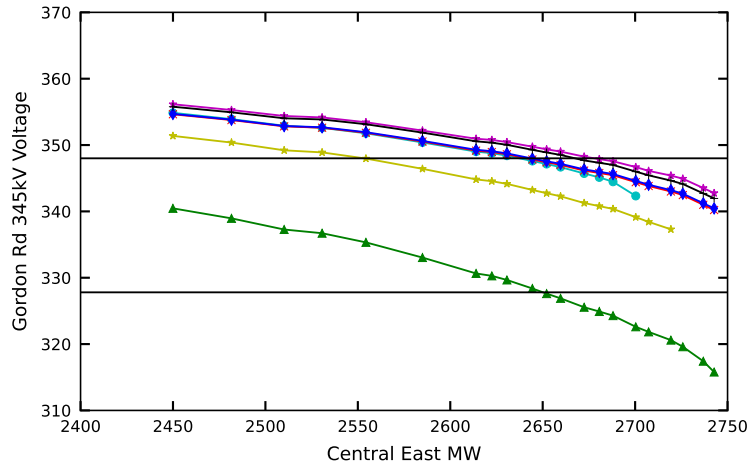
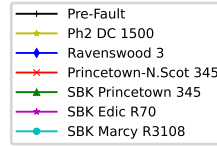
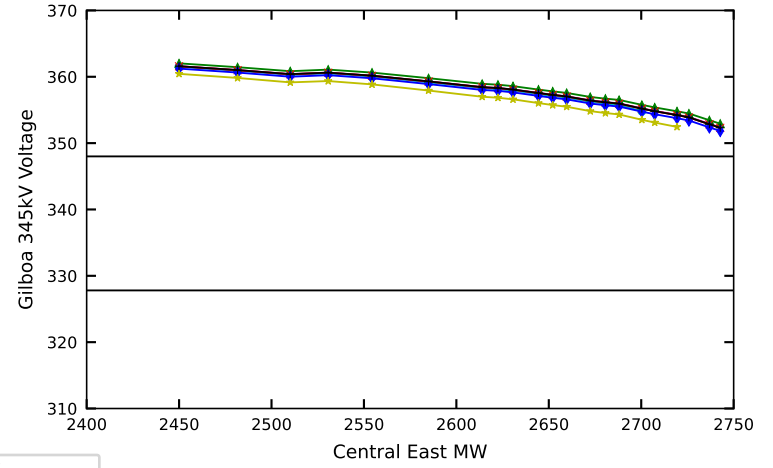
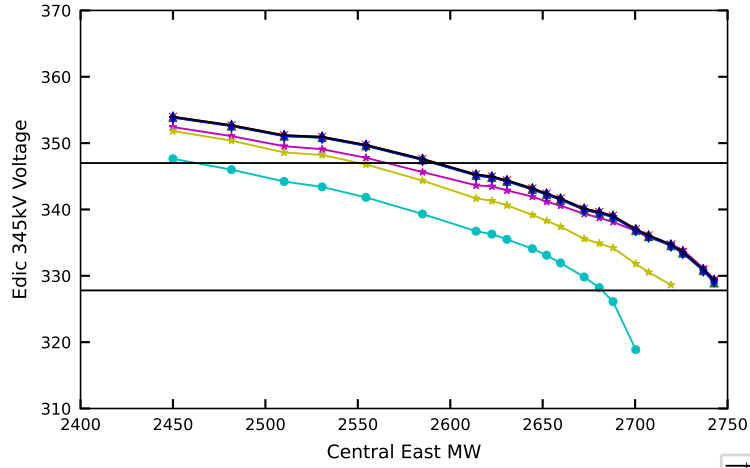
1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI Figure 1



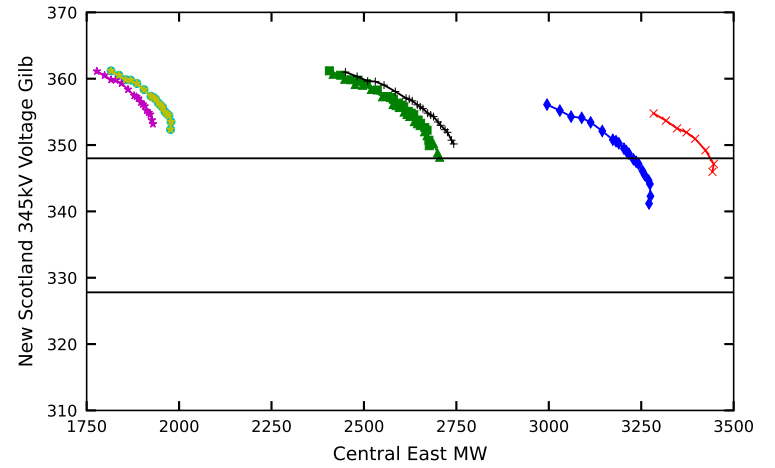
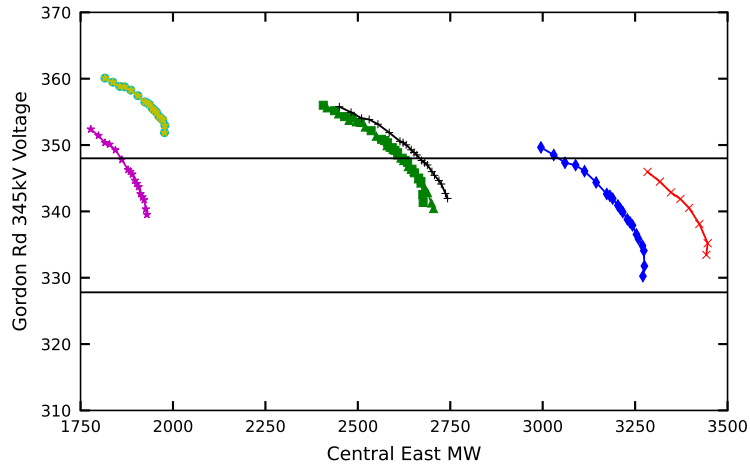
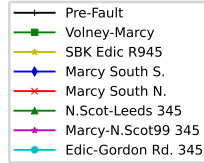
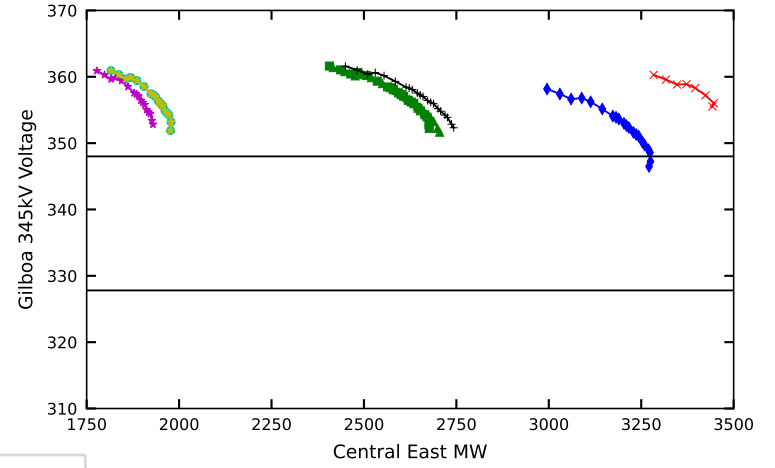
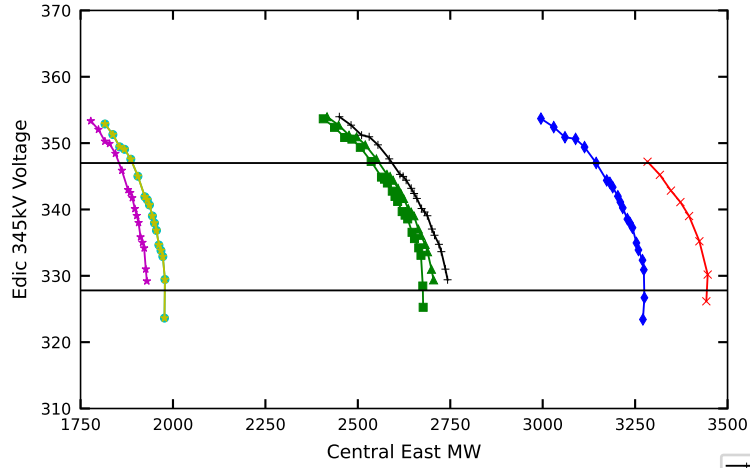
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



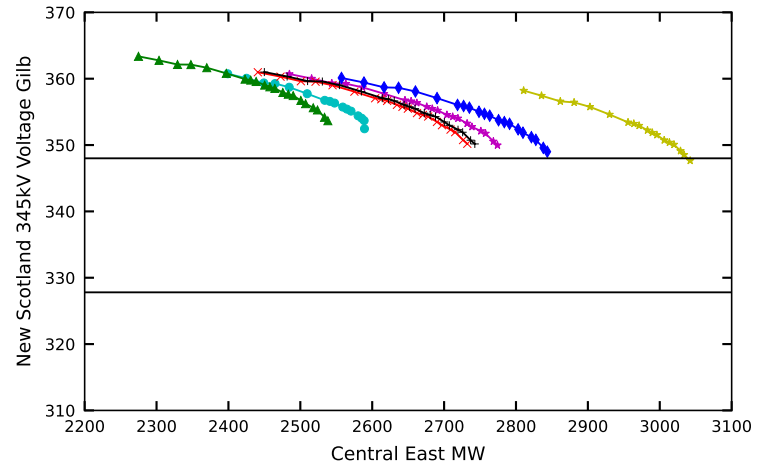
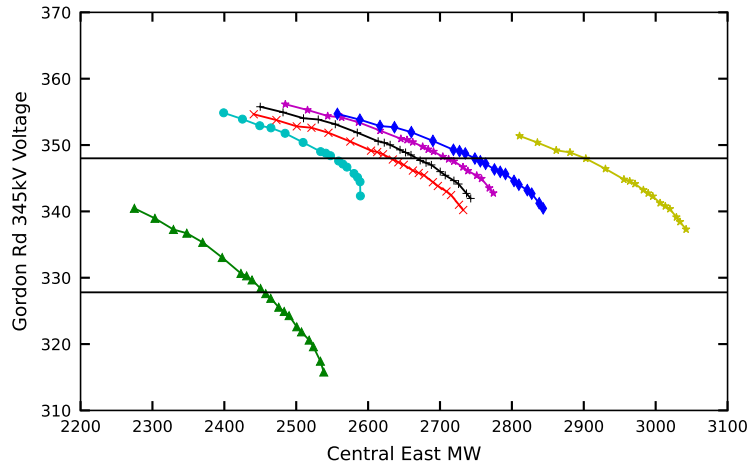
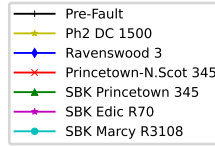
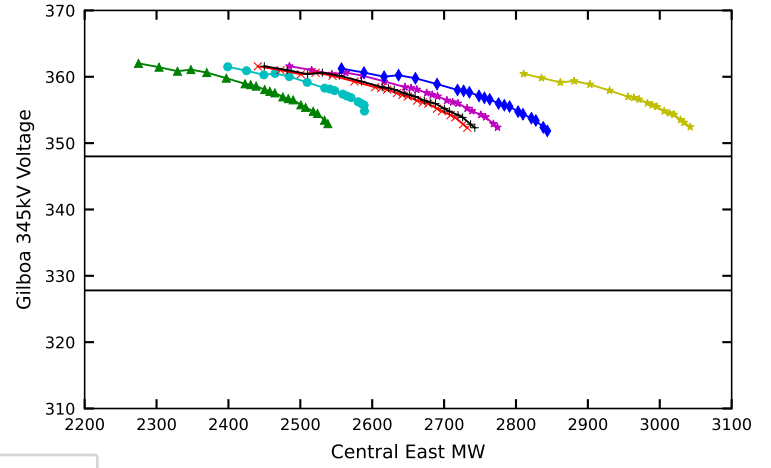
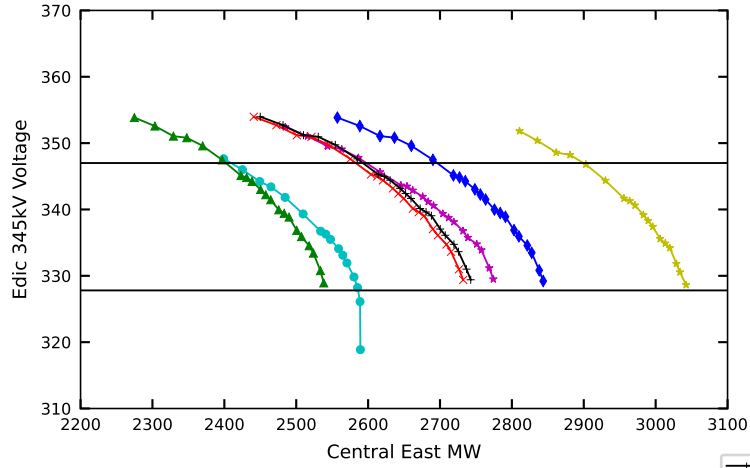
1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI Figure 2



1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI Figure 1



1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 1O ALI

Interface: Central East

Transfer MW		base	ce01	ce02	ce03	ce07	ce08	ce11	ce13	ce15	ce20	ce30	ce31	log09	log15
2449	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2481	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2510	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2530	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2554	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2584	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2613	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2622	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2630	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2644	t10	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2652	t11	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2659	t12	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2672	t13	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2680	t14	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2688	t15	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2700	t16	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2707	t17	0	0	0	0	2	0	0	0	2	0	0	0	0	0
2719	t18	0	2	1	0	2	0	2	0	2	0	0	0	0	0
2725	t19	0	2	2	0	2	0	2	0	2	0	0	0	0	1
2736	t20	0	2	2	0	2	0	2	0	2	0	0	0	0	2
2742	t21	0	2	2	0	2	0	2	0	2	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\ALI\Sum2023_CEVC_PH2_1O_ALI.xlsx

1: 2023S CEVC PH2 CE2450 MS2270 DE1300 1O ALI

Interface: Central East

	t	t	t	t	t	t	t	t	t	t1	t1	t1	t1	t1	t1	t1	t1	t1	t1	t2	t2	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ce07) Marcy South N.	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ce31) Princetown -N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2364 <E	Dunwoodie 345kV Voltage	Pre-Fault	96.9	NA	348	2364
2373 <E	Sprain Brook 345kV Voltage	Pre-Fault	97.3	NA	348	2373
2483	limit with 5% margin	Marcy South N.	NA	NA	NA	3273
2565	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1879
2565	limit with 5% margin	SBK Edic R945	NA	NA	NA	1879
2565	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2459
2571	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1832
2581	Marcy 345kV Voltage	Pre-Fault	14.4	NA	348	2581
2583	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2890
2592	Edic 345kV Voltage	Pre-Fault	12.4	NA	347	2592
2600	limit with 5% margin	Marcy South S.	NA	NA	NA	3111
2605	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2569
2605	limit with 5% margin	Volney-Marcy	NA	NA	NA	2542
2605	limit with 5% margin	SBK Edic R70	NA	NA	NA	2635
2605	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2411
2605	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2595
2605	limit with 5% margin	Ravenswood 3	NA	NA	NA	2701
2607	Pannell Road 345kV Voltage	Pre-Fault	23.7	NA	346	2607
2609	Station 80 345kV Voltage	Pre-Fault	23.4	NA	346	2609
2610	Clay 345kV Voltage	Pre-Fault	15.0	NA	345	2610
2626 >E	Clay 345kV Voltage	Marcy South N.	6.4	327.8	344.0	3455
2627 >E	Edic 345kV Voltage	Marcy South N.	5.8	327.8	344.2	3456
2630 >E	Marcy 345kV Voltage	Marcy South N.	5.8	327.8	344.1	3458
2650	Gordon Rd 345kV Voltage	SBK Princetown 345	9.9	327.8	349.0	2455
2667	Gordon Rd 345kV Voltage	Pre-Fault	15.4	NA	348	2667
2682	Edic 345kV Voltage	SBK Marcy R3108	3.5	327.8	339.5	2586
2683	Clay 345kV Voltage	SBK Marcy R3108	2.9	327.8	339.6	2586
2688 >E	Gordon Rd 345kV Voltage	Marcy South N.	10.0	327.8	347.2	3503
2694	Millwood 345kV Voltage	Pre-Fault	50.1	NA	348	2694
2700 >E	Pannell Road 345kV Voltage	Marcy South N.	10.4	327.8	342.1	3512
2705 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	2.5	327.8	340.3	2589
2705 >E	Marcy 345kV Voltage	SBK Edic R945	3.5	327.8	336.3	1980
2705 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.5	327.8	336.3	1980
2706 >E	Edic 345kV Voltage	SBK Edic R945	3.6	327.8	336.1	1980
2706 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	336.1	1980
2711 >E	Clay 345kV Voltage	SBK Edic R945	4.2	327.8	336.2	1983
2711 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	336.2	1983
2712 >E	Oakdale 345kV Voltage	Marcy South N.	7.6	320	344.3	3522
2712 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	335.4	1931
2715 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.1	327.8	340.5	2589
2716 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	335.0	1933

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2716 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	335.5	1933
2724 >E	Edic 345kV Voltage	Ph2 DC 1500	6.3	327.8	334.2	3045
2726 >E	Marcy 345kV Voltage	Ph2 DC 1500	6.2	327.8	334.0	3047
2729 >E	Station 80 345kV Voltage	Marcy South N.	11.4	327.8	340.9	3535
2731	Clay 345kV Voltage	Volney-Marcy	1.9	327.8	333.4	2673
2732 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.5	320	337.8	2590
2733	Edic 345kV Voltage	Marcy South S.	2.6	327.8	331.7	3274
2735	Marcy 345kV Voltage	Marcy South S.	2.6	327.8	331.5	3274
2737 >E	Clay 345kV Voltage	Marcy South S.	2.6	327.8	331.9	3275
2738	Edic 345kV Voltage	Volney-Marcy	1.8	327.8	330.7	2675
2739	Marcy 345kV Voltage	Volney-Marcy	1.9	327.8	330.4	2676
2744 >E	Clay 345kV Voltage	Ph2 DC 1500	8.2	327.8	333.9	3060
2744 >E	Oakdale 345kV Voltage	Pre-Fault	3.5	NA	335	2744
2746 >E	Edic 345kV Voltage	SBK Princetown 345	3.2	327.8	328.4	2541
2747 >E	Marcy 345kV Voltage	SBK Princetown 345	3.2	327.8	328.2	2541
2747 >E	Clay 345kV Voltage	SBK Princetown 345	2.9	327.8	329.0	2542
2747 >E	Edic 345kV Voltage	Ravenswood 3	3.6	327.8	328.0	2848
2748 >E	Edic 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	327.8	2710
2748 >E	Edic 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	2738
2748 >E	Edic 345kV Voltage	SBK Edic R70	3.5	327.8	327.8	2779
2748 >E	Marcy 345kV Voltage	SBK Edic R70	3.7	327.8	327.8	2780
2748 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	2738
2748 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	327.8	2710
2748 >E	Marcy 345kV Voltage	Ravenswood 3	3.7	327.8	327.8	2849
2749 >E	Clay 345kV Voltage	Ravenswood 3	3.2	327.8	328.4	2850
2749 >E	Pannell Road 345kV Voltage	Volney-Marcy	2.4	327.8	334.9	2677
2750 >E	Clay 345kV Voltage	SBK Edic R70	3.3	327.8	328.2	2781
2751 >E	Clay 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	327.9	2713
2751 >E	Clay 345kV Voltage	Princetown-N.Scot 345	3.4	327.8	327.8	2741
2752 >E	Buchanan North 345kV Voltage	Pre-Fault	41.2	NA	346	2752
2755 >E	Gordon Rd 345kV Voltage	Marcy South S.	4.8	327.8	340.3	3277
2757 >E	Marcy 345kV Voltage	SBK Marcy R3108	6.1	327.8	327.8	2591
2757 >E	Pannell Road 345kV Voltage	SBK Edic R945	6.7	327.8	335.9	2004
2757 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	335.9	2004
2757 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	335.5	1950
2759 >E	Oakdale 345kV Voltage	SBK Edic R945	3.9	320	333.4	2005
2759 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.9	320	333.4	2005
2759 >E	Pannell Road 345kV Voltage	Marcy South S.	3.3	327.8	332.4	3278
2760 >E	Station 80 345kV Voltage	Volney-Marcy	3.0	327.8	335.6	2679
2760 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.8	320	332.8	1951
2764 >E	Oakdale 345kV Voltage	Volney-Marcy	2.1	320	329.4	2680

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2765 >E	New Scotland 345kV Voltage Alps	Pre-Fault	10.4	NA	348	2765
2765 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	10.4	NA	348	2765
2770 >E	Fraser 345kV Voltage	Pre-Fault	5.0	NA	338	2770
2771 >E	Station 80 345kV Voltage	Marcy South S.	3.9	327.8	332.4	3279
2779 >E	Pannell Road 345kV Voltage	SBK Princetown 345	4.7	327.8	329.6	2567
2779 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	7.4	327.8	335.3	1959
2784 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	5.8	327.8	339.1	2592
2784 >E	Station 80 345kV Voltage	SBK Edic R945	8.3	327.8	335.9	2016
2784 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	8.3	327.8	335.9	2016
2784 >E	Pannell Road 345kV Voltage	Ravenswood 3	5.3	327.8	328.6	2883
2786 >E	Fraser 345kV Voltage	SBK Edic R945	4.8	327.8	338.4	2017
2786 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.8	327.8	338.4	2017
2787 >E	Pannell Road 345kV Voltage	SBK Edic R70	5.4	327.8	328.2	2817
2787 >E	St.Lawrence 230kV Voltage	Pre-Fault	14.7	NA	225	2787
2788 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	327.9	2749
2788 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.2	320	322.5	2574
2789 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	327.9	2778
2790 >E	Gilboa 345kV Voltage	Pre-Fault	11.0	NA	348	2790
2792 >E	Oakdale 345kV Voltage	Marcy South S.	3.5	320	324.9	3282
2792 >E	Oakdale 345kV Voltage	Ravenswood 3	3.4	320	321.3	2891
2794 >E	Coopers Corners 345kV Voltage	SBK Edic R945	6.9	327.8	340.1	2021
2794 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.9	327.8	340.1	2021
2796 >E	Coopers Corners 345kV Voltage	Pre-Fault	8.4	NA	338	2796
2796 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.5	320	320.2	2757
2797 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.5	320	320.1	2786
2797 >E	Oakdale 345kV Voltage	SBK Edic R70	3.5	320	320.0	2827
2800 >E	Station 80 345kV Voltage	SBK Princetown 345	5.9	327.8	329.9	2584
2801 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.5	327.8	338.8	1968
2804 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	8.3	327.8	337.7	1970
2805 >E	Rock Tavern 345kV Voltage	Pre-Fault	23.7	NA	348	2805
2808 >E	Station 80 345kV Voltage	Ravenswood 3	6.8	327.8	328.8	2905
2808 >E	Gordon Rd 345kV Voltage	Volney-Marcy	4.8	327.8	333.5	2687
2811 >E	Station 80 345kV Voltage	SBK Edic R70	6.9	327.8	328.3	2840
2813 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	7.0	327.8	328.0	2774
2814 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	7.0	327.8	327.9	2803
2817 >E	St.Lawrence 230kV Voltage	Volney-Marcy	8.7	218.5	223.0	2688
2818 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	8.4	327.8	340.8	1976
2821 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	10.8	327.8	337.9	3114
2822 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	327.8	2782
2822 >E	Fraser 345kV Voltage	Volney-Marcy	5.0	327.8	327.8	2689
2822 >E	Fraser 345kV Voltage	SBK Edic R70	5.0	327.8	327.8	2850

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2822 >E	Fraser 345kV Voltage	SBK Princetown 345	5.0	327.8	327.8	2601
2822 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	5.0	327.8	327.8	2811
2822 >E	Fraser 345kV Voltage	Ravenswood 3	5.0	327.8	327.8	2919
2822 >E	Pleasant Valley 345kV Voltage	Pre-Fault	33.0	NA	348	2822
2823 >E	Somerset 345kV Voltage	SBK Marcy R3108	6.7	327.8	348.5	2593
2824 >E	New Scotland 345kV Voltage Alps	Marcy South S.	6.0	327.8	341.3	3287
2824 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	6.0	327.8	341.3	3287
2828 >E	Fraser 345kV Voltage	Marcy South S.	5.4	327.8	327.8	3287
2831 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	7.0	327.8	330.5	2791
2834 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	7.4	327.8	330.1	2823
2836 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	13.3	218.5	222.6	2594
2838 >E	Gordon Rd 345kV Voltage	Ravenswood 3	7.6	327.8	329.6	2934
2844 >E	Niagara 230kV East Voltage	Marcy South S.	8.6	218.5	220.6	3289
2844 >E	Niagara 230kV West Voltage	Marcy South S.	8.6	218.5	220.6	3289
2846 >E	St.Lawrence 230kV Voltage	SBK Edic R945	13.8	218.5	222.1	2044
2846 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	13.8	218.5	222.1	2044
2852 >E	Coopers Corners 345kV Voltage	Volney-Marcy	6.6	327.8	331.4	2694
2854 >E	Ramapo 500kV Voltage	Ravenswood 3	32.3	500	505.2	2949
2854 >E	Somerset 345kV Voltage	Marcy South S.	5.7	327.8	334.0	3291
2855 >E	Coopers Corners 345kV Voltage	Ravenswood 3	8.1	327.8	331.0	2950
2857 >E	Buchanan South 345kV Voltage	Pre-Fault	43.4	NA	346	2857
2857 >E	Gordon Rd 345kV Voltage	SBK Edic R70	7.7	327.8	327.1	2885
2858 >E	Fraser 345kV Voltage	SBK Marcy R3108	7.4	327.8	329.1	2595
2864 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	7.9	327.8	330.0	2634
2867 >E	St.Lawrence 230kV Voltage	Marcy South S.	13.5	218.5	222.3	3293
2870 >E	Oakdale 345kV Voltage	Ph2 DC 1500	9.0	320	327.9	3148
2870 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	13.3	218.5	219.3	2639
2871 >E	Coopers Corners 345kV Voltage	SBK Edic R70	8.4	327.8	329.1	2898
2872 >E	Somerset 345kV Voltage	Volney-Marcy	6.7	327.8	343.4	2697
2877 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	8.4	327.8	328.4	2836
2878 >E	St.Lawrence 230kV Voltage	Ravenswood 3	14.8	218.5	218.8	2972
2881 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	8.4	327.8	327.9	2870
2883 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	14.7	218.5	218.5	2872
2883 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	14.7	218.5	218.5	2842
2886 >E	St.Lawrence 230kV Voltage	SBK Edic R70	15.1	218.5	218.3	2913
2886 >E	New Scotland 345kV Voltage Alps	Marcy South N.	14.1	327.8	347.7	3657
2886 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	14.1	327.8	347.7	3657
2891 >E	Niagara 230kV East Voltage	SBK Marcy R3108	14.7	218.5	226.3	2596
2891 >E	Niagara 230kV West Voltage	SBK Marcy R3108	14.7	218.5	226.3	2596
2897 >E	Gilboa 345kV Voltage	Marcy South S.	8.3	327.8	337.9	3297
2899 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	7.1	327.8	335.1	2701

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2899 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	7.1	327.8	335.1	2701
2923 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	11.5	327.8	331.0	3186
2924 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	8.9	327.8	332.7	2881
2924 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	8.9	327.8	332.7	2881
2925 >E	Ramapo 345kV Voltage	Pre-Fault	38.3	NA	346	2925
2925 >E	Fraser 345kV Voltage	Ph2 DC 1500	10.5	327.8	327.8	3187
2926 >E	Watercure 230kV Voltage	SBK Marcy R3108	10.5	207	233.7	2597
2939 >E	St.Lawrence 230kV Voltage	Marcy South N.	27.6	218.5	225.3	3698
2944 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	22.3	218.5	224.4	2028
2947 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	10.0	327.8	337.2	2598
2947 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	10.0	327.8	337.2	2598
2948 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	11.5	327.8	326.5	2598
2953 >E	Niagara 345kV Voltage	Marcy South S.	7.6	327.8	334.1	3304
2956 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	12.2	327.8	337.3	2033
2957 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	25.4	218.5	222.4	3210
2957 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	10.1	327.8	329.5	3048
2957 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	10.1	327.8	329.5	3048
2959 >E	Ramapo 500kV Voltage	Ph2 DC 1500	60.2	500	504.9	3212
2970 >E	Leeds 345kV Voltage	Pre-Fault	21.0	NA	345	2970
2970 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	10.3	327.8	328.2	2994
2970 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	10.3	327.8	328.2	2994
2972 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	38.4	500	504.9	2040
2976 >E	Ramapo 500kV Voltage	Volney-Marcy	29.8	500	502.1	2714
2976 >E	New Scotland 345kV Voltage Alps	Princeton-N.Scot 345	10.5	327.8	327.6	2965
2976 >E	New Scotland 345kV Voltage Gilb	Princeton-N.Scot 345	10.5	327.8	327.6	2965
2978 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	39.1	500	505.0	2105
2978 >E	Ramapo 500kV Voltage	SBK Edic R945	39.1	500	505.0	2105
2980 >E	Ladentown 345kV Voltage	Pre-Fault	39.2	NA	346	2980
2981 >E	Gilboa 345kV Voltage	Volney-Marcy	9.8	327.8	330.7	2714
2990 >E	Somerset 345kV Voltage	Pre-Fault	21.5	NA	338	2990
2991 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	13.7	327.8	337.4	3234
2991 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	13.7	327.8	337.4	3234
2991 >E	Gilboa 345kV Voltage	SBK Edic R945	11.5	327.8	337.3	2111
2991 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	11.5	327.8	337.3	2111
2993 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	10.5	327.8	329.5	2949
3005 >E	Gilboa 345kV Voltage	Ravenswood 3	10.9	327.8	328.5	3093
3009 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	11.9	327.8	331.2	2055
3009 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	11.9	327.8	331.2	2055
3013 >E	Gilboa 345kV Voltage	SBK Edic R70	11.0	327.8	327.8	3035
3013 >E	Gilboa 345kV Voltage	Princeton-N.Scot 345	11.0	327.8	327.8	3001
3015 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	12.3	327.8	337.7	2058

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3020 >E	Niagara 230kV East Voltage	SBK Edic R945	23.7	218.5	222.0	2124
3020 >E	Niagara 230kV West Voltage	SBK Edic R945	23.7	218.5	222.0	2124
3020 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	23.7	218.5	222.0	2124
3020 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	23.7	218.5	222.0	2124
3020 >E	Roseton 345kV Voltage	Pre-Fault	34.5	NA	345	3020
3021 >E	Gardenville 230kV Voltage	Marcy South S.	11.3	207	212.8	3314
3024 >E	Gilboa 345kV Voltage	SBK Princetown 345	11.2	327.8	326.7	2761
3028 >E	Ramapo 500kV Voltage	SBK Princetown 345	36.7	500	500.7	2764
3038 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	11.4	327.8	321.7	2772
3038 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	11.4	327.8	321.7	2772
3040 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	13.2	327.8	331.0	2134
3040 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	13.2	327.8	331.0	2134
3040 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	13.2	327.8	331.0	2134
3040 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	13.2	327.8	331.0	2134
3041 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	38.0	500	500.4	2996
3051 >E	Ramapo 500kV Voltage	SBK Edic R70	39.0	500	500.1	3073
3056 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	39.1	500	500.0	3044
3057 >E	Ramapo 500kV Voltage	Pre-Fault	39.1	NA	500	3057
3059 >E	Leeds 345kV Voltage	Marcy South S.	12.9	327.8	338.4	3319
3065 >E	Somerset 345kV Voltage	Marcy South N.	21.8	327.8	343.5	3795
3074 >E	Gilboa 345kV Voltage	SBK Marcy R3108	13.8	327.8	332.2	2602
3077 >E	Gordon Rd 345kV Voltage	SBK Edic R945	15.0	327.8	315.0	2151
3077 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	15.0	327.8	315.0	2151
3081 >E	Bowline 1 345kV Voltage	Pre-Fault	39.1	NA	345	3081
3093 >E	Fraser 345kV Voltage	Marcy South N.	17.1	327.8	327.8	3817
3095 >E	Somerset 345kV Voltage	SBK Princetown 345	16.5	327.8	333.1	2817
3100 >E	Bowline 2 345kV Voltage	Pre-Fault	39.1	NA	345	3100
3104 >E	Gardenville 230kV Voltage	SBK Marcy R3108	16.1	207	224.6	2603
3121 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	18.8	327.8	338.1	2171
3121 >E	Rock Tavern 345kV Voltage	SBK Edic R945	18.8	327.8	338.1	2171
3146 >E	Somerset 345kV Voltage	SBK Edic R945	21.5	327.8	343.1	2182
3146 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	21.5	327.8	343.1	2182
3148 >E	Watercure 230kV Voltage	Marcy South N.	28.1	207	228.9	3859
3152 >E	Pleasant Valley 345kV Voltage	Marcy South S.	20.9	327.8	333.5	3332
3155 >E	Rock Tavern 345kV Voltage	Ravenswood 3	20.9	327.8	333.2	3236
3170 >E	Gilboa 345kV Voltage	Ph2 DC 1500	18.3	327.8	332.1	3360
3171 >E	Somerset 345kV Voltage	Ravenswood 3	20.4	327.8	329.6	3251
3177 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	50.5	327.8	343.8	3365
3180 >E	Dunwoodie 345kV Voltage	Ravenswood 3	42.7	327.8	335.7	3260
3185 >E	Niagara 345kV Voltage	Volney-Marcy	15.9	327.8	353.2	2747
3185 >E	Sprain Brook 345kV Voltage	Ravenswood 3	42.7	327.8	335.7	3264

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3191 >E	Somerset 345kV Voltage	SBK Edic R70	20.9	327.8	328.7	3207
3192 >E	Niagara 345kV Voltage	SBK Marcy R3108	18.3	327.8	363.8	2607
3192 >E	Buchanan North 345kV Voltage	Ravenswood 3	34.1	327.8	335.3	3271
3194 >E	Rock Tavern 345kV Voltage	Volney-Marcy	19.6	327.8	331.6	2749
3196 >E	Ramapo 500kV Voltage	SBK Marcy R3108	57.6	500	501.9	2607
3202 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	21.2	327.8	328.1	3153
3206 >E	Somerset 345kV Voltage	Princeton-N.Scot 345	21.4	327.8	327.9	3194
3232 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	23.6	327.8	339.5	2149
3252 >E	Rock Tavern 345kV Voltage	SBK Princeton 345	22.5	327.8	329.1	2942
3267 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	23.1	327.8	328.5	3217
3268 >E	Millwood 345kV Voltage	Ravenswood 3	39.0	327.8	335.6	3344
3271 >E	Rock Tavern 345kV Voltage	SBK Edic R70	23.5	327.8	328.3	3285
3279 >E	Ramapo 500kV Voltage	Marcy South S.	66.8	500	494.2	3349
3283 >E	Rock Tavern 345kV Voltage	Princeton-N.Scot 345	23.6	327.8	327.8	3270
3292 >E	Gilboa 345kV Voltage	Marcy South N.	24.1	327.8	338.0	3971
3299 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	24.7	327.8	330.2	3452
3301 >E	Niagara 230kV East Voltage	Volney-Marcy	45.6	218.5	235.1	2766
3301 >E	Niagara 230kV West Voltage	Volney-Marcy	45.6	218.5	235.1	2766
3304 >E	Buchanan South 345kV Voltage	Ravenswood 3	36.3	327.8	335.7	3377
3332 >E	Leeds 345kV Voltage	SBK Edic R70	21.0	327.8	327.8	3344
3332 >E	Leeds 345kV Voltage	SBK Princeton 345	21.0	327.8	327.8	3005
3332 >E	Leeds 345kV Voltage	Princeton-N.Scot 345	21.0	327.8	327.8	3319
3332 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	21.0	327.8	327.8	3280
3332 >E	Leeds 345kV Voltage	Volney-Marcy	21.0	327.8	327.8	2771
3332 >E	Leeds 345kV Voltage	Ravenswood 3	21.0	327.8	327.8	3404
3338 >E	Ramapo 345kV Voltage	Ravenswood 3	31.7	327.8	335.2	3410
3341 >E	Buchanan North 345kV Voltage	SBK Edic R945	34.5	327.8	335.1	2271
3341 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	34.5	327.8	335.1	2271
3352 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	31.0	327.8	332.0	3423
3381 >E	Ladentown 345kV Voltage	Ravenswood 3	32.5	327.8	335.8	3451
3396 >E	Buchanan North 345kV Voltage	Volney-Marcy	35.2	327.8	330.4	2781
3409 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	29.3	327.8	330.2	2783
3412 >E	Ramapo 345kV Voltage	SBK Edic R945	31.2	327.8	338.0	2304
3412 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	31.2	327.8	338.0	2304
3429 >E	Bowline 1 345kV Voltage	Ravenswood 3	32.3	327.8	336.1	3496
3437 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	31.1	327.8	329.4	3383
3441 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	26.3	327.8	340.4	2236
3443 >E	Watercure 230kV Voltage	SBK Edic R945	33.1	207	236.4	2318
3443 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	33.1	207	236.4	2318
3444 >E	Bowline 2 345kV Voltage	Ravenswood 3	32.3	327.8	336.2	3511
3447 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	37.2	327.8	333.0	2320

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3447 >E	Millwood 345kV Voltage	SBK Edic R945	37.2	327.8	333.0	2320
3450 >E	Gardenville 230kV Voltage	SBK Edic R945	29.5	207	217.0	2321
3450 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	29.5	207	217.0	2321
3455 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	43.3	327.8	331.9	2324
3455 >E	Sprain Brook 345kV Voltage	SBK Edic R945	43.3	327.8	331.9	2324
3456 >E	Buchanan South 345kV Voltage	SBK Edic R945	35.2	327.8	334.8	2324
3456 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	35.2	327.8	334.8	2324
3457 >E	Roseton 345kV Voltage	Ravenswood 3	31.6	327.8	332.3	3524
3459 >E	Watercure 230kV Voltage	Marcy South S.	28.9	207	225.0	3374
3459 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	43.8	327.8	331.8	2326
3459 >E	Dunwoodie 345kV Voltage	SBK Edic R945	43.8	327.8	331.8	2326
3460 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	30.4	327.8	326.7	2616
3468 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	39.7	327.8	328.6	3413
3479 >E	Ladentown 345kV Voltage	SBK Edic R945	32.0	327.8	338.7	2335
3479 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	32.0	327.8	338.7	2335
3483 >E	Buchanan North 345kV Voltage	SBK Princetown 345	40.0	327.8	328.3	3124
3484 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	32.9	327.8	328.0	3491
3485 >E	Ramapo 345kV Voltage	Volney-Marcy	32.2	327.8	331.4	2795
3487 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	42.0	327.8	335.8	2255
3491 >E	Buchanan North 345kV Voltage	SBK Edic R70	41.0	327.8	328.1	3497
3492 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	33.1	327.8	327.7	3478
3497 >E	Dunwoodie 345kV Voltage	Marcy South S.	44.8	327.8	323.2	3379
3498 >E	Millwood 345kV Voltage	Marcy South S.	38.9	327.8	322.5	3380
3500 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	33.5	327.8	331.3	3594
3501 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	41.2	327.8	327.8	3487
3505 >E	Sprain Brook 345kV Voltage	Marcy South S.	44.9	327.8	323.0	3381
3506 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	43.5	327.8	331.1	3598
3513 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	33.2	327.8	329.9	2350
3513 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	33.2	327.8	329.9	2350
3517 >E	Roseton 345kV Voltage	Volney-Marcy	30.5	327.8	330.6	2801
3519 >E	Dunwoodie 345kV Voltage	Volney-Marcy	46.7	327.8	329.1	2801
3523 >E	Sprain Brook 345kV Voltage	Volney-Marcy	46.7	327.8	329.1	2801
3525 >E	Bowline 1 345kV Voltage	SBK Edic R945	31.8	327.8	339.4	2356
3525 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	31.8	327.8	339.4	2356
3527 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	33.7	327.8	326.6	3160
3536 >E	Buchanan South 345kV Voltage	Volney-Marcy	37.8	327.8	330.3	2804
3537 >E	Millwood 345kV Voltage	Volney-Marcy	41.1	327.8	329.8	2804
3540 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	61.7	218.5	225.7	2277
3540 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	61.7	218.5	225.7	2277
3540 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	48.8	327.8	328.6	3483
3540 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	31.8	327.8	340.9	2363

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3540 >E	Bowline 2 345kV Voltage	SBK Edic R945	31.8	327.8	340.9	2363
3542 >E	Roseton 345kV Voltage	Marcy South S.	31.0	327.8	322.7	3386
3547 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	32.5	327.8	334.2	2366
3547 >E	Roseton 345kV Voltage	SBK Edic R945	32.5	327.8	334.2	2366
3547 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	48.9	327.8	328.7	3490
3551 >E	Leeds 345kV Voltage	SBK Edic R945	28.7	327.8	327.8	2368
3551 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	28.7	327.8	327.8	2368
3551 >E	Leeds 345kV Voltage	SBK Marcy R3108	28.7	327.8	327.8	2620
3554 >E	Ladentown 345kV Voltage	Volney-Marcy	33.3	327.8	331.4	2806
3560 >E	Millwood 345kV Voltage	Ph2 DC 1500	42.5	327.8	330.3	3636
3560 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	37.4	327.8	338.8	2286
3562 >E	Leeds 345kV Voltage	Marcy South N.	32.1	327.8	342.6	4180
3569 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	49.2	327.8	329.8	3643
3571 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	49.5	327.8	329.7	3644
3575 >E	Dunwoodie 345kV Voltage	SBK Edic R70	51.0	327.8	328.0	3578
3580 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	44.0	327.8	328.9	3522
3580 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	33.3	327.8	328.8	3522
3582 >E	Sprain Brook 345kV Voltage	SBK Edic R70	51.1	327.8	328.0	3586
3583 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	36.7	327.8	328.0	2621
3585 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	51.2	327.8	327.8	3571
3587 >E	Ramapo 345kV Voltage	SBK Princetown 345	36.8	327.8	328.7	3207
3588 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	37.1	327.8	328.7	3530
3589 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	29.9	327.8	327.8	2298
3592 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	51.4	327.8	327.8	3578
3594 >E	Ramapo 500kV Voltage	Marcy South N.	107.1	500	503.3	4205
3599 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	51.2	327.8	327.5	3217
3601 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	41.5	327.8	328.9	3543
3604 >E	Roseton 345kV Voltage	SBK Edic R70	34.3	327.8	328.1	3607
3605 >E	Bowline 1 345kV Voltage	Volney-Marcy	33.2	327.8	331.6	2815
3606 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	51.3	327.8	327.5	3222
3606 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	42.1	327.8	330.9	3669
3607 >E	Roseton 345kV Voltage	SBK Princetown 345	33.9	327.8	328.0	3223
3610 >E	Ramapo 345kV Voltage	SBK Edic R70	38.1	327.8	328.1	3612
3614 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	34.5	327.8	327.8	3600
3620 >E	Millwood 345kV Voltage	SBK Edic R70	46.1	327.8	328.0	3622
3620 >E	Bowline 2 345kV Voltage	Volney-Marcy	33.2	327.8	331.7	2817
3621 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	38.3	327.8	327.8	3607
3631 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	46.3	327.8	327.8	3616
3636 >E	Buchanan South 345kV Voltage	SBK Edic R70	43.2	327.8	328.0	3638
3641 >E	Millwood 345kV Voltage	SBK Princetown 345	46.1	327.8	327.5	3250
3643 >E	Buchanan South 345kV Voltage	SBK Princetown 345	42.7	327.8	327.9	3252

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3648 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	43.4	327.8	327.8	3633
3651 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	38.8	327.8	339.2	2324
3656 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	37.8	327.8	328.8	3596
3665 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	44.6	327.8	335.6	2330
3666 >E	Ladentown 345kV Voltage	SBK Princetown 345	38.0	327.8	328.5	3270
3669 >E	Ramapo 345kV Voltage	Ph2 DC 1500	42.1	327.8	331.4	3713
3683 >E	Ladentown 345kV Voltage	SBK Edic R70	39.1	327.8	328.1	3683
3685 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	43.3	207	246.4	2338
3688 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	48.7	327.8	333.8	2339
3691 >E	Leeds 345kV Voltage	Ph2 DC 1500	33.4	327.8	327.8	3729
3691 >E	Roseton 345kV Voltage	Ph2 DC 1500	37.6	327.8	330.6	3729
3695 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	39.3	327.8	327.8	3680
3708 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	38.6	327.8	339.9	2348
3709 >E	Buchanan South 345kV Voltage	Marcy South S.	44.1	327.8	317.0	3409
3713 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	37.7	327.8	328.9	3653
3722 >E	Ladentown 345kV Voltage	Ph2 DC 1500	41.8	327.8	331.6	3750
3724 >E	Bowline 1 345kV Voltage	SBK Princetown 345	37.9	327.8	328.6	3315
3726 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	38.6	327.8	341.0	2355
3730 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	58.5	327.8	332.7	2357
3731 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	37.7	327.8	328.9	3669
3736 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	42.0	327.8	330.6	2360
3739 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	59.3	327.8	332.6	2361
3741 >E	Bowline 2 345kV Voltage	SBK Princetown 345	37.8	327.8	328.6	3329
3743 >E	Bowline 1 345kV Voltage	SBK Edic R70	39.0	327.8	328.1	3741
3755 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	39.1	327.8	327.8	3740
3760 >E	Bowline 2 345kV Voltage	SBK Edic R70	38.9	327.8	328.1	3758
3771 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	40.9	327.8	335.4	2374
3772 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	39.1	327.8	327.8	3757
3783 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	55.3	327.8	326.8	2628
3787 >E	Millwood 345kV Voltage	SBK Marcy R3108	53.4	327.8	326.2	2628
3788 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	41.8	327.8	331.8	3798
3793 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	62.1	327.8	326.0	2629
3794 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	62.5	327.8	325.9	2629
3807 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	41.7	327.8	331.9	3810
3822 >E	Coopers Corners 345kV Voltage	Marcy South N.	35.8	327.8	302.1	4381
3831 >E	Niagara 345kV Voltage	Marcy South N.	43.7	327.8	346.9	4388
3852 >E	Roseton 345kV Voltage	SBK Marcy R3108	43.2	327.8	326.9	2631
3863 >E	Buchanan North 345kV Voltage	Marcy South S.	53.6	327.8	311.0	3430
3892 >E	Pleasant Valley 345kV Voltage	Marcy South N.	54.0	327.8	337.3	4435
3893 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	54.1	327.8	326.3	2632
3912 >E	Watercure 230kV Voltage	Volney-Marcy	49.8	207	297.2	2864

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3914 >E	Niagara 230kV East Voltage	Marcy South N.	91.8	218.5	229.4	4452
3914 >E	Niagara 230kV West Voltage	Marcy South N.	91.8	218.5	229.4	4452
3916 >E	Rock Tavern 345kV Voltage	Marcy South S.	38.8	327.8	283.2	3437
3939 >E	Coopers Corners 345kV Voltage	Marcy South S.	30.1	327.8	183.5	3440
4008 >E	Ramapo 345kV Voltage	SBK Marcy R3108	54.1	327.8	326.6	2636
4142 >E	Ladentown 345kV Voltage	SBK Marcy R3108	56.6	327.8	326.4	2641
4234 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	56.7	327.8	326.3	2645
4399 >E	Ladentown 345kV Voltage	Marcy South S.	61.7	327.8	296.9	3504
4402 >E	Ramapo 345kV Voltage	Marcy South S.	63.0	327.8	295.4	3504
4410 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	62.1	327.8	326.3	2651
4514 >E	Niagara 230kV East Voltage	Ph2 DC 1500	136.3	218.5	225.1	4310
4514 >E	Niagara 230kV West Voltage	Ph2 DC 1500	136.3	218.5	225.1	4310
4597 >E	Niagara 345kV Voltage	SBK Princetown 345	64.1	327.8	341.6	4007
4623 >E	Millwood 345kV Voltage	Marcy South N.	93.6	327.8	332.0	5001
4626 >E	Watercure 230kV Voltage	Ph2 DC 1500	82.2	207	231.8	4390
4655 >E	Gardenville 230kV Voltage	Marcy South N.	81.9	207	229.5	5026
4665 >E	Roseton 345kV Voltage	Marcy South N.	73.3	327.8	332.7	5033
4691 >E	Bowline 1 345kV Voltage	Marcy South S.	68.7	327.8	288.7	3544
4692 >E	Dunwoodie 345kV Voltage	Marcy South N.	110.9	327.8	330.9	5054
4700 >E	Sprain Brook 345kV Voltage	Marcy South N.	110.7	327.8	330.9	5060
4705 >E	Bowline 2 345kV Voltage	Marcy South S.	68.1	327.8	288.7	3546
4796 >E	Rock Tavern 345kV Voltage	Marcy South N.	73.6	327.8	319.7	5135
4887 >E	Buchanan North 345kV Voltage	Marcy South N.	105.6	327.8	329.4	5205
4911 >E	Rainey 345kV Voltage	Ravenswood 3	105.9	327.8	340.9	4906
4936 >E	Buchanan South 345kV Voltage	Marcy South N.	99.2	327.8	331.5	5243
5030 >E	Niagara 345kV Voltage	Pre-Fault	121.1	NA	338	5030
5032 >E	Farragut 345kV Voltage	Ravenswood 3	111.2	327.8	340.1	5022
5380 >E	Rainey 345kV Voltage	Pre-Fault	161.8	NA	338	5380
5387 >E	Farragut 345kV Voltage	Pre-Fault	167.6	NA	338	5387
5506 >E	Ramapo 345kV Voltage	Marcy South N.	109.5	327.8	328.1	5684
5780 >E	Ladentown 345kV Voltage	Marcy South N.	116.1	327.8	329.7	5896
5834 >E	Niagara 345kV Voltage	Ravenswood 3	108.2	327.8	331.4	5784
6052 >E	Goethals 345kV Voltage	Ravenswood 3	152.0	327.8	339.1	5992
6115 >E	Niagara 345kV Voltage	SBK Edic R70	116.8	327.8	329.0	6034
6143 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	117.0	327.8	328.8	6025
6200 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	118.9	327.8	328.3	6174
6283 >E	Bowline 1 345kV Voltage	Marcy South N.	127.7	327.8	330.0	6285
6299 >E	Goethals 345kV Voltage	Pre-Fault	229.9	NA	338	6299
6322 >E	Bowline 2 345kV Voltage	Marcy South N.	127.2	327.8	330.0	6316
6486 >E	Rainey 345kV Voltage	SBK Edic R945	141.4	327.8	334.2	3712
6488 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	141.4	327.8	334.2	3713

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6539 >E	Farragut 345kV Voltage	SBK Edic R945	146.2	327.8	334.1	3737
6540 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	146.3	327.8	334.1	3737
6673 >E	Rainey 345kV Voltage	Volney-Marcy	148.0	327.8	330.0	3307
6730 >E	Farragut 345kV Voltage	Volney-Marcy S.	153.2	327.8	330.0	3316
6734 >E	Rainey 345kV Voltage	Marcy South S.	149.8	327.8	320.4	3826
6812 >E	Farragut 345kV Voltage	Marcy South S.	155.7	327.8	320.5	3836
6820 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	154.0	327.8	329.1	6686
6882 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	159.5	327.8	329.1	6747
6939 >E	Rainey 345kV Voltage	Ph2 DC 1500	158.1	327.8	331.2	6024
7002 >E	Farragut 345kV Voltage	Ph2 DC 1500	163.8	327.8	331.1	6068
7006 >E	Rainey 345kV Voltage	SBK Edic R70	161.1	327.8	327.9	6897
7034 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	161.9	327.8	327.8	7006
7036 >E	Rainey 345kV Voltage	SBK Princetown 345	161.4	327.8	327.8	5940
7071 >E	Farragut 345kV Voltage	SBK Edic R70	166.9	327.8	327.9	6959
7097 >E	Farragut 345kV Voltage	SBK Princetown 345	167.0	327.8	327.8	5988
7100 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	167.7	327.8	327.8	7071
7628 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	183.6	327.8	335.8	3989
7687 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	189.6	327.8	335.6	4013
7806 >E	Goethals 345kV Voltage	SBK Edic R945	197.3	327.8	334.0	4317
7809 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	197.4	327.8	333.9	4318
8174 >E	Goethals 345kV Voltage	Volney-Marcy	211.2	327.8	329.8	3548
8190 >E	Goethals 345kV Voltage	Marcy South S.	211.3	327.8	320.5	4026
8245 >E	Rainey 345kV Voltage	SBK Marcy R3108	206.6	327.8	324.8	2791
8322 >E	Farragut 345kV Voltage	SBK Marcy R3108	213.7	327.8	324.9	2793
8351 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	218.7	327.8	329.1	8181
8395 >E	Goethals 345kV Voltage	Ph2 DC 1500	220.0	327.8	331.2	7052
8631 >E	Goethals 345kV Voltage	SBK Edic R70	229.7	327.8	327.9	8468
8640 >E	Goethals 345kV Voltage	SBK Princetown 345	229.1	327.8	327.8	7211
8659 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	230.5	327.8	327.7	8623
9359 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	256.9	327.8	335.8	4713
10262 >E	Goethals 345kV Voltage	SBK Marcy R3108	291.8	327.8	324.5	2864
12347 >E	Rainey 345kV Voltage	Marcy South N.	357.9	327.8	332.5	10978
12490 >E	Farragut 345kV Voltage	Marcy South N.	370.6	327.8	332.4	11088
13428 >E	Niagara 345kV Voltage	SBK Edic R945	382.6	327.8	507.8	6893
13428 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	382.6	327.8	507.8	6893
14804	Northport 138kV Voltage	Pre-Fault	1368.1	NA	135	14804

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
15295	Northport 138kV Voltage	Marcy South S.	987.0	131.1	128.6	5005
>E						
15580	Northport 138kV Voltage	Edic-Gordon Rd. 345	1009.5	131.1	133.3	7879
>E						
15580	Northport 138kV Voltage	SBK Edic R945	1009.5	131.1	133.3	7879
>E						
15917	Goethals 345kV Voltage	Marcy South N.	508.3	327.8	332.3	13740
>E						
17596	Northport 138kV Voltage	Ravenswood 3	1193.9	131.1	133.0	16975
>E						
18693	Northport 138kV Voltage	Ph2 DC 1500	1254.4	131.1	131.7	14328
>E						
18940	Northport 138kV Voltage	Volney-Marcy	1273.0	131.1	132.0	5276
>E						
19422	Northport 138kV Voltage	N.Scot-Leeds 345	1312.1	131.1	131.6	18991
>E						
19911	Northport 138kV Voltage	SBK Marcy R3108	1348.8	131.1	129.7	3215
>E						
20072	Northport 138kV Voltage	SBK Edic R70	1363.3	131.1	131.1	19530
>E						
20140	Northport 138kV Voltage	Princetown-N.Scot 345	1368.1	131.1	131.1	20056
>E						
20344	Northport 138kV Voltage	SBK Princetown 345	1382.9	131.1	131.0	16484
>E						
23257	Northport 138kV Voltage	Marcy-N.Scot99 345	1610.3	131.1	134.8	10529
>E						
39127	Northport 138kV Voltage	Marcy South N.	2871.7	131.1	132.9	31700
>E						
99998	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
>E						
99998	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
>E						
99998	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Niagara 230kV East Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	Niagara 230kV East Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Edic R70	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	Niagara 230kV West Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Edic R70	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Station 80 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

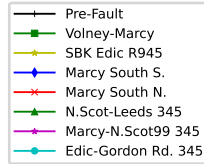
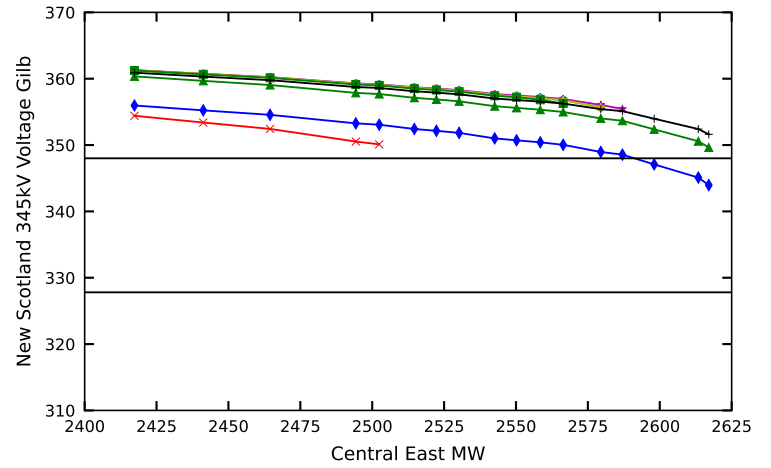
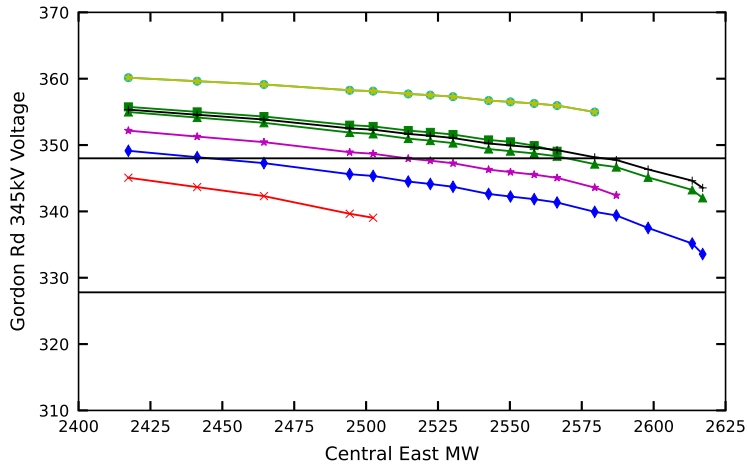
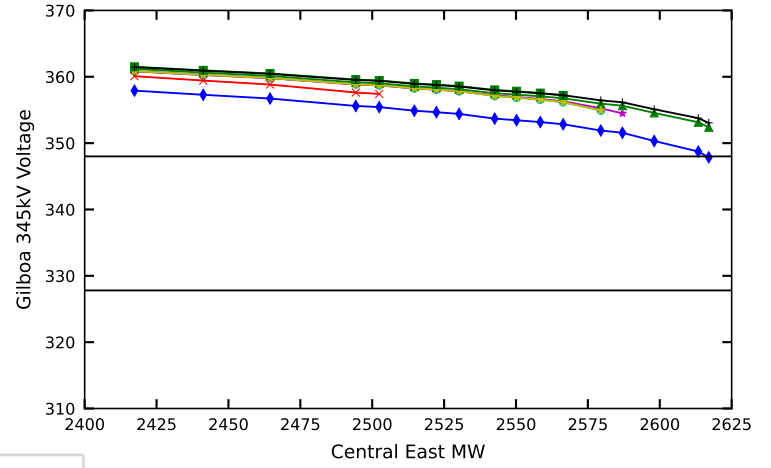
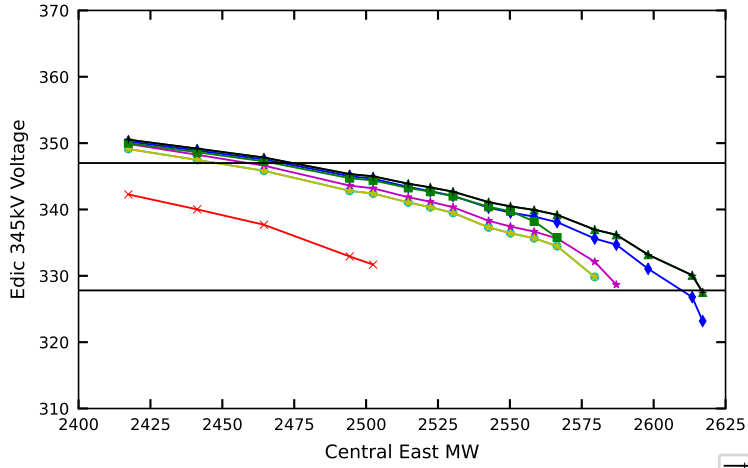
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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

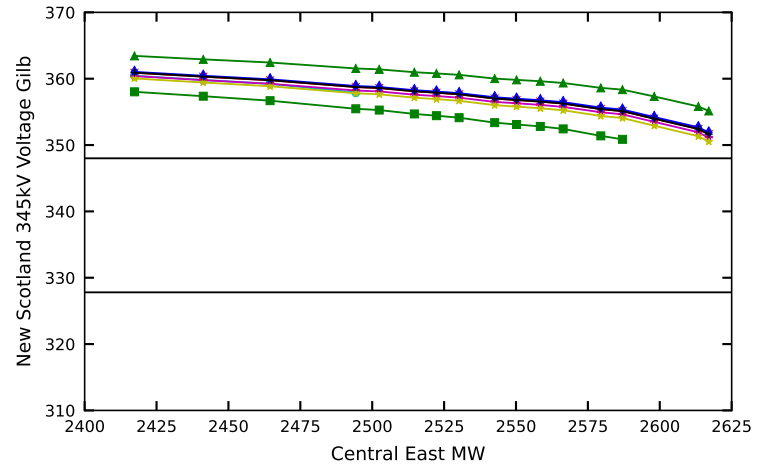
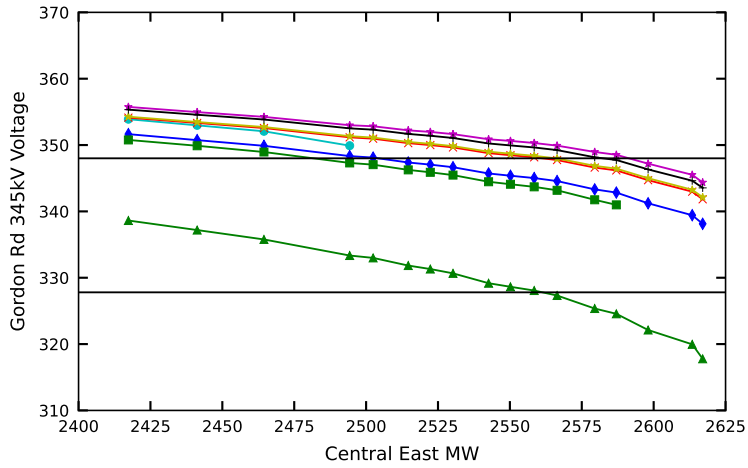
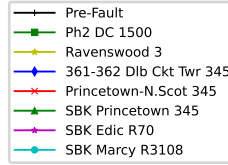
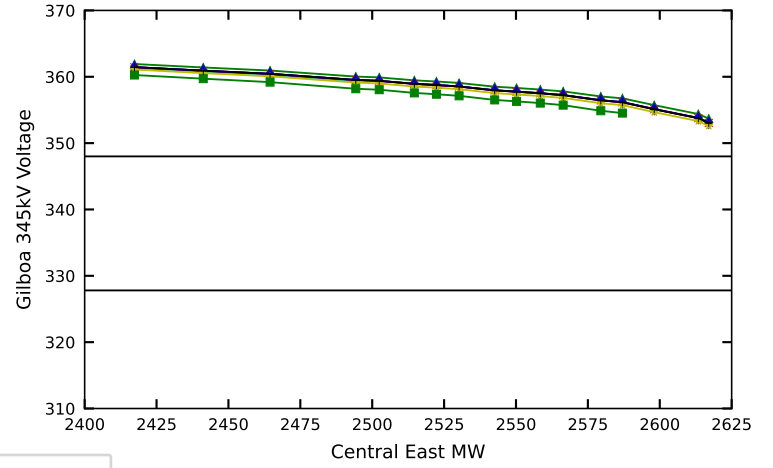
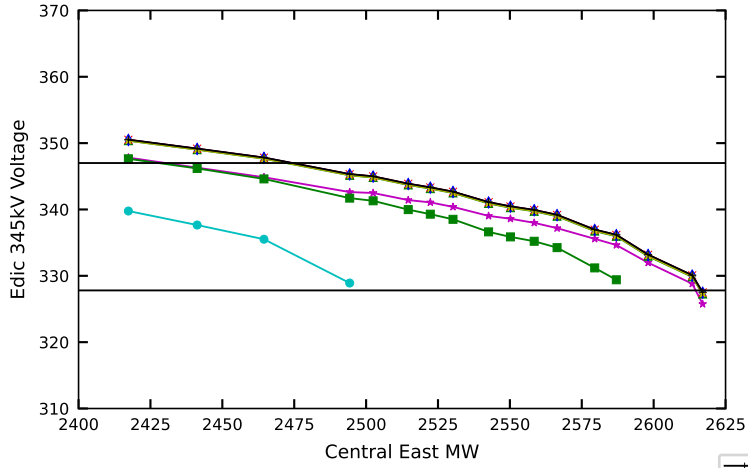
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99999	Gardenville 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

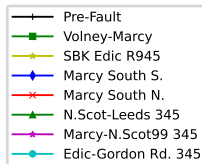
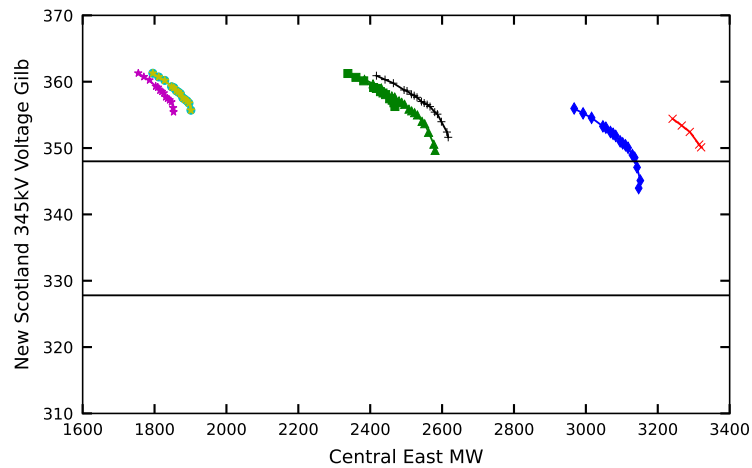
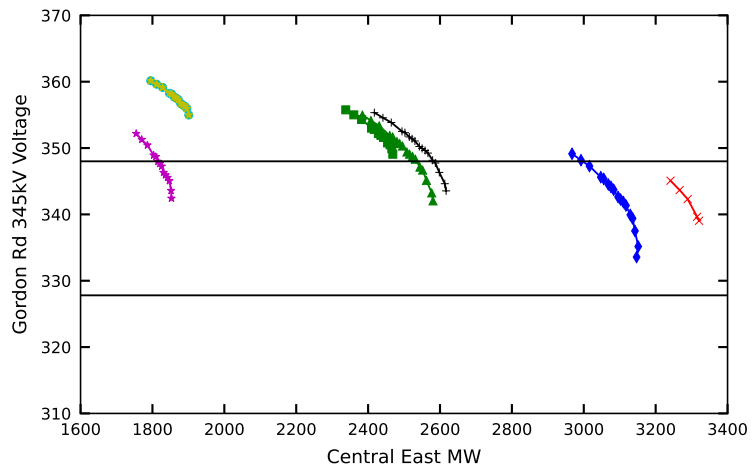
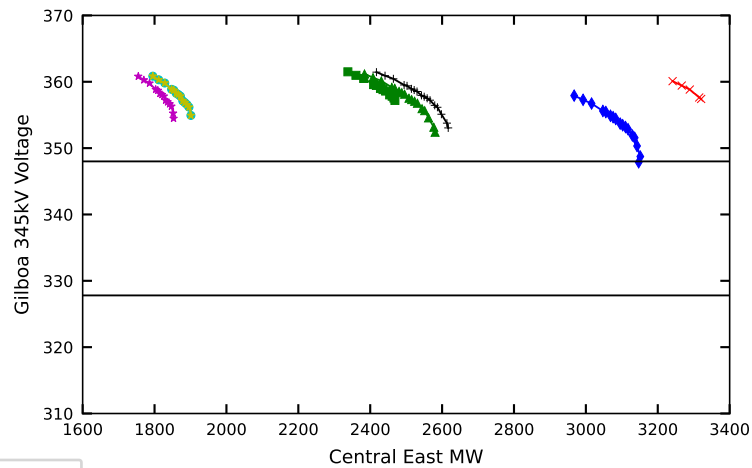
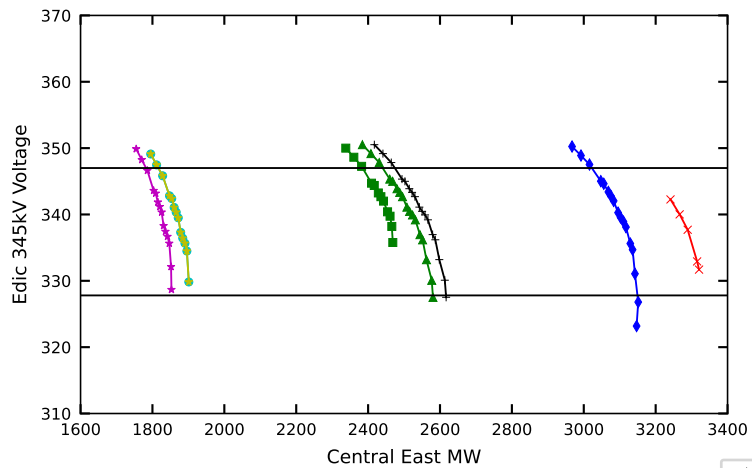
1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS Figure 1



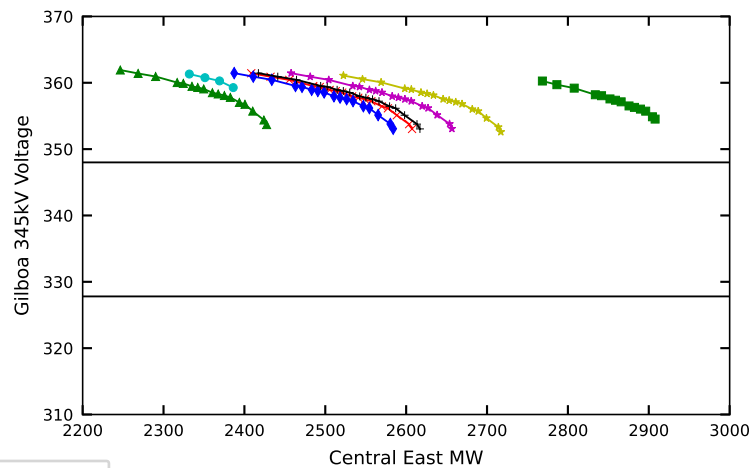
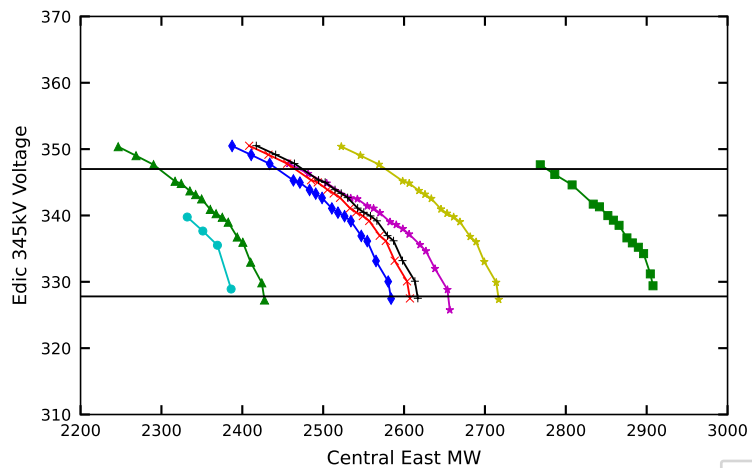
1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS Figure 2



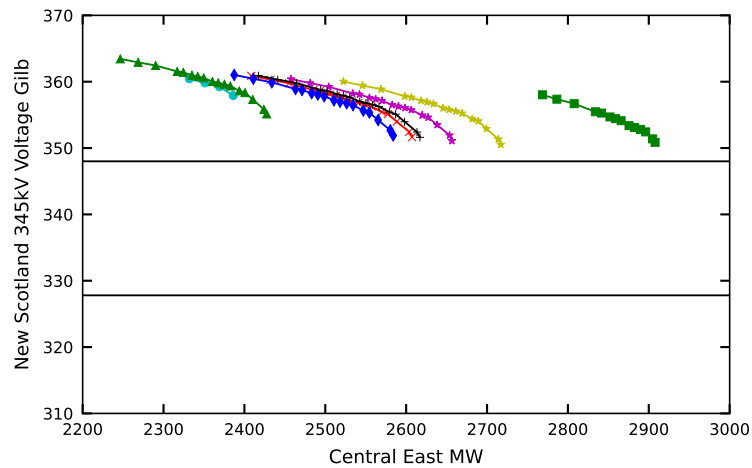
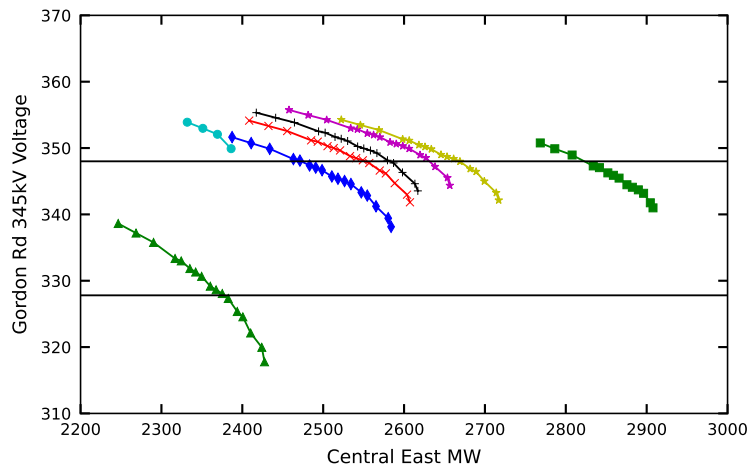
1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS Figure 1



1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS Figure 2



- Pre-Fault
- Ph2 DC 1500
- Ravenswood 3
- 361-362 Dlb Ckt Twr 345
- Princetown-N.Scot 345
- SBK Princetown 345
- SBK Edic R70
- SBK Marcy R3108



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\FE1_OS\Sum2023_CEVC_PH2_10_FE1_OS.xlsx

1: 2023S CEVC PH2 CE2410 MS2270 DE1300 1O FE1 OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2417	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2441	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2464	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2494	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2502	t5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2514	t6	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2522	t7	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2530	t8	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2542	t9	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2550	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	0															
2558	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	1															
2566	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	2															
2579	t1	0	0	0	0	2	0	0	2	2	0	0	0	0	0	0
	3															
2587	t1	0	1	0	0	2	0	1	2	2	0	0	0	0	0	0
	4															
2598	t1	0	2	2	0	2	0	2	2	2	0	0	0	0	0	2
	5															
2613	t1	0	2	2	0	2	0	2	2	2	0	0	0	0	0	2
	6															
2617	t1	0	2	2	0	2	0	2	2	2	0	0	0	0	0	2
	7															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\10\FE1_OS\Sum2023_CEVC_PH2_10_FE1_OS.xlsx

1: 2023S CEVC PH2 CE2410 MS2270 DE1300 1O FE1 OS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2
ce15) SBK Marcy R3108	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2357 <E	Dunwoodie 345kV Voltage	Pre-Fault	93.9	NA	348	2357
2366 <E	Sprain Brook 345kV Voltage	Pre-Fault	94.0	NA	348	2366
2369	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2266
2377	limit with 5% margin	Marcy South N.	NA	NA	NA	3154
2438	limit with 5% margin	Volney-Marcy	NA	NA	NA	2345
2449	Pannell Road 345kV Voltage	Pre-Fault	27.9	NA	346	2449
2450	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1806
2450	limit with 5% margin	SBK Edic R945	NA	NA	NA	1806
2453	Station 80 345kV Voltage	Pre-Fault	29.4	NA	346	2453
2454	Clay 345kV Voltage	Pre-Fault	17.5	NA	345	2454
2457	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1760
2457	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2762
2463	Marcy 345kV Voltage	Pre-Fault	17.2	NA	348	2463
2474	Edic 345kV Voltage	Pre-Fault	12.0	NA	347	2474
2478	Clay 345kV Voltage	SBK Marcy R3108	3.6	327.8	343.4	2376
2482	limit with 5% margin	Marcy South S.	NA	NA	NA	2993
2486	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2451
2486	limit with 5% margin	SBK Edic R70	NA	NA	NA	2523
2486	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2306
2486	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2476
2486	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2454
2486	limit with 5% margin	Ravenswood 3	NA	NA	NA	2581
2499 >E	Edic 345kV Voltage	SBK Marcy R3108	4.5	327.8	344.9	2389
2506 >E	Clay 345kV Voltage	Marcy South N.	5.9	327.8	341.8	3323
2528 >E	Edic 345kV Voltage	Marcy South N.	6.6	327.8	343.9	3337
2528 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	6.1	327.8	342.4	2405
2531 >E	Marcy 345kV Voltage	Marcy South N.	6.6	327.8	343.9	3339
2554 >E	Station 80 345kV Voltage	SBK Marcy R3108	7.4	327.8	341.9	2420
2555	Clay 345kV Voltage	Volney-Marcy	3.1	327.8	337.6	2464
2561	Gordon Rd 345kV Voltage	SBK Princetown 345	10.6	327.8	349.5	2377
2575 >E	Pannell Road 345kV Voltage	Marcy South N.	9.8	327.8	341.8	3369
2579	Clay 345kV Voltage	SBK Edic R945	2.8	327.8	334.8	1901
2579	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	334.8	1901
2582	Gordon Rd 345kV Voltage	Pre-Fault	18.4	NA	348	2582
2583 >E	Pannell Road 345kV Voltage	Volney-Marcy	3.4	327.8	339.2	2474
2583	Clay 345kV Voltage	Marcy-N.Scot99 345	1.9	327.8	334.3	1852
2585 >E	Marcy 345kV Voltage	SBK Edic R945	2.8	327.8	336.1	1903
2585 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	336.1	1903
2585 >E	Edic 345kV Voltage	SBK Edic R945	2.8	327.8	336.0	1903
2585 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	336.0	1903

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2585	Clay 345kV Voltage	Ph2 DC 1500	3.4	327.8	334.1	2907
2588 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	2.2	327.8	336.0	1853
2590 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.2	327.8	335.9	1853
2592 >E	Edic 345kV Voltage	Volney-Marcy	3.3	327.8	336.8	2477
2593 >E	Edic 345kV Voltage	Ph2 DC 1500	4.2	327.8	335.5	2910
2595 >E	Marcy 345kV Voltage	Ph2 DC 1500	4.2	327.8	335.4	2911
2596 >E	Marcy 345kV Voltage	Volney-Marcy	3.4	327.8	336.5	2479
2596 >E	Station 80 345kV Voltage	Volney-Marcy	4.0	327.8	339.4	2479
2602	Clay 345kV Voltage	SBK Edic R70	4.9	327.8	330.3	2642
2603	Millwood 345kV Voltage	Pre-Fault	31.6	NA	348	2603
2604	Clay 345kV Voltage	Marcy South S.	3.7	327.8	330.0	3145
2606 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	3.2	327.8	337.1	1855
2607 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.7	320	340.6	2450
2609	Edic 345kV Voltage	Marcy South S.	3.6	327.8	330.8	3149
2610	Oakdale 345kV Voltage	Pre-Fault	4.5	NA	335	2610
2611	Marcy 345kV Voltage	Marcy South S.	3.6	327.8	330.6	3150
2612	Clay 345kV Voltage	Ravenswood 3	5.3	327.8	328.6	2712
2613 >E	Station 80 345kV Voltage	Marcy South N.	11.9	327.8	341.7	3394
2613	Clay 345kV Voltage	SBK Princetown 345	5.4	327.8	328.4	2423
2613	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	1.1	327.8	327.9	2580
2614	Clay 345kV Voltage	N.Scot-Leeds 345	1.1	327.8	327.9	2577
2614	Clay 345kV Voltage	Princetown-N.Scot 345	1.1	327.8	327.8	2604
2614 >E	Pannell Road 345kV Voltage	SBK Edic R945	4.9	327.8	336.1	1915
2614 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	4.9	327.8	336.1	1915
2614	Edic 345kV Voltage	SBK Edic R70	1.2	327.8	329.2	2654
2616	Edic 345kV Voltage	SBK Princetown 345	1.4	327.8	328.1	2426
2616	Edic 345kV Voltage	Ravenswood 3	1.4	327.8	328.0	2716
2616	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	1.4	327.8	327.9	2583
2616	Edic 345kV Voltage	N.Scot-Leeds 345	1.4	327.8	327.8	2580
2616	Edic 345kV Voltage	Princetown-N.Scot 345	1.4	327.8	327.8	2606
2616	Marcy 345kV Voltage	SBK Princetown 345	1.4	327.8	327.8	2427
2616	Marcy 345kV Voltage	Princetown-N.Scot 345	1.4	327.8	327.8	2606
2616	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	1.4	327.8	327.8	2583
2616	Marcy 345kV Voltage	Ravenswood 3	1.4	327.8	327.8	2716
2616	Marcy 345kV Voltage	N.Scot-Leeds 345	1.4	327.8	327.8	2580
2616	Marcy 345kV Voltage	SBK Edic R70	1.4	327.8	327.8	2656
2617 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.5	320	336.3	1857
2618 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	337.8	1857

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2619 >E	Oakdale 345kV Voltage	Volney-Marcy	3.5	320	337.1	2487
2620 >E	Oakdale 345kV Voltage	Marcy South N.	9.3	320	345.2	3399
2625 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	5.7	327.8	335.6	2924
2625 >E	Pannell Road 345kV Voltage	SBK Edic R70	1.5	327.8	330.4	2663
2628 >E	Pannell Road 345kV Voltage	Ravenswood 3	1.6	327.8	328.7	2726
2628 >E	Pannell Road 345kV Voltage	SBK Princetown 345	1.6	327.8	328.6	2438
2629 >E	Oakdale 345kV Voltage	SBK Edic R945	3.5	320	334.3	1921
2629 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.5	320	334.3	1921
2629 >E	Fraser 345kV Voltage	Pre-Fault	2.3	NA	338	2629
2629 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	1.6	327.8	328.0	2596
2629 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	327.9	2592
2630 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	1.6	327.8	327.9	2620
2631 >E	Buchanan North 345kV Voltage	Pre-Fault	19.3	NA	346	2631
2632 >E	Station 80 345kV Voltage	SBK Edic R70	1.7	327.8	330.5	2669
2633 >E	New Scotland 345kV Voltage Alps	Pre-Fault	4.6	NA	348	2633
2633 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	4.6	NA	348	2633
2634 >E	Station 80 345kV Voltage	SBK Edic R945	6.0	327.8	336.5	1923
2634 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	336.5	1923
2634 >E	Oakdale 345kV Voltage	SBK Edic R70	1.6	320	322.0	2670
2635 >E	Oakdale 345kV Voltage	SBK Princetown 345	1.7	320	321.5	2444
2635 >E	Station 80 345kV Voltage	Ravenswood 3	1.8	327.8	328.8	2732
2635 >E	Oakdale 345kV Voltage	Ravenswood 3	1.7	320	321.4	2732
2636 >E	Station 80 345kV Voltage	SBK Princetown 345	1.8	327.8	328.6	2445
2636 >E	St.Lawrence 230kV Voltage	Pre-Fault	7.7	NA	225	2636
2637 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	1.9	327.8	328.0	2604
2637 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	1.9	327.8	327.9	2600
2637 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	1.9	327.8	327.9	2627
2637 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	1.7	320	320.3	2604
2637 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	1.7	320	320.2	2600
2638 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	1.7	320	320.1	2628
2642 >E	Gilboa 345kV Voltage	Pre-Fault	5.1	NA	348	2642
2643 >E	Station 80 345kV Voltage	Ph2 DC 1500	6.7	327.8	336.0	2932
2644 >E	Coopers Corners 345kV Voltage	Pre-Fault	3.8	NA	338	2644
2646 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	2.8	327.8	334.9	2612
2653 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	2.3	327.8	327.8	2615
2653 >E	Fraser 345kV Voltage	SBK Edic R70	2.3	327.8	327.8	2685
2653 >E	Fraser 345kV Voltage	SBK Princetown 345	2.3	327.8	327.8	2461

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2653 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	2.3	327.8	327.8	2643
2653 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	2.3	327.8	327.8	2619
2653 >E	Fraser 345kV Voltage	Ravenswood 3	2.3	327.8	327.8	2747
2653 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.5	327.8	344.2	1862
2653 >E	Gordon Rd 345kV Voltage	Marcy South N.	13.5	327.8	348.7	3421
2653 >E	Rock Tavern 345kV Voltage	Pre-Fault	11.0	NA	348	2653
2659 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	330.8	2621
2661 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.7	320	330.7	2940
2661 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	3.2	327.8	330.4	2651
2661 >E	Gordon Rd 345kV Voltage	Marcy South S.	6.5	327.8	339.3	3179
2662 >E	Somerset 345kV Voltage	Pre-Fault	3.5	NA	338	2662
2663 >E	Gordon Rd 345kV Voltage	Ravenswood 3	3.3	327.8	329.7	2756
2664 >E	Fraser 345kV Voltage	SBK Edic R945	4.3	327.8	339.9	1935
2664 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	339.9	1935
2666 >E	Oakdale 345kV Voltage	Marcy South S.	3.9	320	322.6	3182
2666 >E	Pleasant Valley 345kV Voltage	Pre-Fault	15.4	NA	348	2666
2669 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.1	327.8	328.1	2698
2671 >E	Coopers Corners 345kV Voltage	Ravenswood 3	3.7	327.8	330.9	2763
2673 >E	Coopers Corners 345kV Voltage	SBK Edic R70	3.7	327.8	330.4	2702
2676 >E	Ramapo 500kV Voltage	Ravenswood 3	15.3	500	505.2	2767
2676 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	345.2	1865
2678 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	3.7	327.8	329.1	2484
2678 >E	Buchanan South 345kV Voltage	Pre-Fault	19.4	NA	346	2678
2681 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	6.4	327.8	342.6	1866
2681 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	3.8	327.8	328.3	2642
2681 >E	St.Lawrence 230kV Voltage	Ravenswood 3	7.5	218.5	219.1	2771
2682 >E	Coopers Corners 345kV Voltage	SBK Edic R945	6.3	327.8	341.3	1943
2682 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.3	327.8	341.3	1943
2682 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	3.8	327.8	328.1	2648
2683 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	3.8	327.8	327.9	2672
2685 >E	Somerset 345kV Voltage	SBK Edic R70	3.1	327.8	331.3	2711
2686 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	7.7	218.5	218.5	2676
2686 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	7.7	218.5	218.5	2652
2687 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	7.7	218.5	218.5	2647
2687 >E	Niagara 230kV East Voltage	Pre-Fault	12.4	NA	225	2687
2687 >E	Niagara 230kV West Voltage	Pre-Fault	12.4	NA	225	2687
2688 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	7.7	218.5	218.3	2493
2688 >E	St.Lawrence 230kV Voltage	SBK Edic R70	7.8	218.5	218.3	2713

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2693 >E	Somerset 345kV Voltage	Ravenswood 3	3.4	327.8	329.1	2781
2694 >E	Somerset 345kV Voltage	SBK Princetown 345	3.4	327.8	328.9	2499
2697 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	3.5	327.8	328.0	2662
2697 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	328.0	2657
2697 >E	Watercure 230kV Voltage	Pre-Fault	4.4	NA	215	2697
2697 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	3.5	327.8	327.9	2687
2702 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	3.9	327.8	333.1	2662
2702 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	3.9	327.8	333.1	2662
2702 >E	St.Lawrence 230kV Voltage	SBK Edic R945	11.7	218.5	223.4	1951
2702 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	11.7	218.5	223.4	1951
2704 >E	Marcy 345kV Voltage	SBK Marcy R3108	11.9	327.8	327.8	2505
2710 >E	Ramapo 345kV Voltage	Pre-Fault	17.8	NA	346	2710
2711 >E	Fraser 345kV Voltage	Marcy South S.	5.7	327.8	327.8	3209
2715 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	12.3	218.5	227.5	1871
2716 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	9.8	327.8	340.7	2964
2717 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	4.3	327.8	329.7	2737
2717 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	4.3	327.8	329.7	2737
2718 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	4.5	327.8	329.5	2802
2718 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	4.5	327.8	329.5	2802
2721 >E	Watercure 230kV Voltage	SBK Edic R70	4.1	207	209.7	2740
2721 >E	Somerset 345kV Voltage	Volney-Marcy	7.7	327.8	345.5	2522
2723 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	6.7	327.8	343.9	1872
2726 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	4.6	327.8	327.8	2715
2726 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	4.6	327.8	327.8	2715
2726 >E	Watercure 230kV Voltage	Ravenswood 3	4.3	207	208.4	2809
2727 >E	Watercure 230kV Voltage	SBK Princetown 345	4.3	207	208.3	2529
2729 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	4.7	327.8	327.1	2694
2729 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	4.7	327.8	327.1	2694
2731 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	4.4	207	207.3	2696
2731 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	4.4	207	207.2	2691
2732 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	4.4	207	207.1	2721
2733 >E	Leeds 345kV Voltage	Pre-Fault	9.5	NA	345	2733
2735 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	4.8	327.8	329.7	2694
2736 >E	Ladentown 345kV Voltage	Pre-Fault	18.1	NA	346	2736
2741 >E	Gilboa 345kV Voltage	Ravenswood 3	5.0	327.8	328.5	2821
2743 >E	Gilboa 345kV Voltage	SBK Edic R70	5.0	327.8	328.1	2757
2744 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	5.1	327.8	327.8	2733

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2745 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	327.7	2710
2746 >E	New Scotland 345kV Voltage Alps	Marcy South S.	7.7	327.8	338.9	3230
2746 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	7.7	327.8	338.9	3230
2746 >E	Niagara 230kV East Voltage	SBK Edic R70	11.0	218.5	220.2	2760
2746 >E	Niagara 230kV West Voltage	SBK Edic R70	11.0	218.5	220.2	2760
2752 >E	Niagara 345kV Voltage	Pre-Fault	6.5	NA	338	2752
2753 >E	Gilboa 345kV Voltage	SBK Princetown 345	5.3	327.8	326.1	2553
2759 >E	Niagara 230kV East Voltage	Ravenswood 3	12.0	218.5	219.1	2837
2759 >E	Niagara 230kV West Voltage	Ravenswood 3	12.0	218.5	219.1	2837
2761 >E	Niagara 230kV East Voltage	SBK Princetown 345	11.9	218.5	219.0	2560
2761 >E	Niagara 230kV West Voltage	SBK Princetown 345	11.9	218.5	219.0	2560
2761 >E	Roseton 345kV Voltage	Pre-Fault	16.5	NA	345	2761
2763 >E	St.Lawrence 230kV Voltage	Volney-Marcy	17.6	218.5	227.5	2537
2764 >E	Ramapo 500kV Voltage	SBK Edic R70	17.9	500	500.5	2774
2764 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	5.4	327.8	319.5	2563
2764 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	5.4	327.8	319.5	2563
2765 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	18.1	500	500.4	2723
2766 >E	St.Lawrence 230kV Voltage	Marcy South S.	16.2	218.5	220.5	3241
2766 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	12.2	218.5	218.6	2730
2766 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	12.2	218.5	218.6	2730
2766 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	12.3	218.5	218.6	2724
2766 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	12.3	218.5	218.6	2724
2766 >E	Ramapo 500kV Voltage	SBK Princetown 345	18.3	500	500.4	2566
2766 >E	Gordon Rd 345kV Voltage	Volney-Marcy	9.4	327.8	339.3	2538
2767 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	12.3	218.5	218.5	2755
2767 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	12.3	218.5	218.5	2755
2771 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	18.5	500	500.1	2736
2772 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	18.6	500	500.0	2761
2773 >E	Ramapo 500kV Voltage	Pre-Fault	18.7	NA	500	2773
2782 >E	Bowline 1 345kV Voltage	Pre-Fault	18.0	NA	345	2782
2788 >E	Somerset 345kV Voltage	SBK Marcy R3108	14.6	327.8	346.0	2553
2791 >E	Bowline 2 345kV Voltage	Pre-Fault	18.0	NA	345	2791
2792 >E	Niagara 345kV Voltage	SBK Edic R70	5.8	327.8	331.9	2797
2796 >E	Gardenville 230kV Voltage	Pre-Fault	11.0	NA	217	2796
2798 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	13.7	327.8	338.9	2558
2798 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	9.4	207	232.4	1883
2806 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	22.9	218.5	225.9	3004

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2810 >E	Niagara 345kV Voltage	Ravenswood 3	6.3	327.8	329.2	2880
2810 >E	Niagara 345kV Voltage	SBK Princetown 345	6.3	327.8	329.1	2607
2813 >E	Somerset 345kV Voltage	Ph2 DC 1500	11.5	327.8	339.7	3007
2815 >E	Gilboa 345kV Voltage	Marcy South S.	9.6	327.8	336.1	3270
2817 >E	Rock Tavern 345kV Voltage	Ravenswood 3	9.8	327.8	333.1	2885
2817 >E	Somerset 345kV Voltage	SBK Edic R945	11.4	327.8	341.5	1998
2817 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	11.4	327.8	341.5	1998
2817 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	328.1	2780
2817 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	6.5	327.8	328.1	2773
2818 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	6.5	327.8	327.9	2806
2819 >E	Ramapo 500kV Voltage	Ph2 DC 1500	48.0	500	506.9	3010
2832 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	32.1	500	506.8	1888
2838 >E	Buchanan North 345kV Voltage	Ravenswood 3	16.1	327.8	335.3	2903
2839 >E	Sprain Brook 345kV Voltage	Ravenswood 3	20.4	327.8	335.7	2904
2839 >E	Dunwoodie 345kV Voltage	Ravenswood 3	20.6	327.8	335.7	2904
2844 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	9.6	327.8	346.3	1890
2847 >E	Coopers Corners 345kV Voltage	Volney-Marcy	11.8	327.8	334.9	2566
2851 >E	Fraser 345kV Voltage	Ph2 DC 1500	12.1	327.8	327.8	3024
2860 >E	Rock Tavern 345kV Voltage	SBK Edic R70	10.6	327.8	329.2	2852
2862 >E	Millwood 345kV Voltage	Ravenswood 3	17.4	327.8	335.4	2924
2863 >E	Gilboa 345kV Voltage	SBK Edic R945	10.5	327.8	339.5	2017
2863 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	10.5	327.8	339.5	2017
2867 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	10.7	327.8	328.5	2821
2870 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	10.9	327.8	328.2	2662
2872 >E	Gardenville 230kV Voltage	SBK Edic R70	9.8	207	210.1	2861
2874 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	10.9	327.8	327.9	2836
2874 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	10.9	327.8	327.9	2862
2875 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	14.0	327.8	335.2	3034
2878 >E	Fraser 345kV Voltage	Volney-Marcy	12.9	327.8	327.8	2577
2878 >E	Watercure 230kV Voltage	SBK Marcy R3108	17.2	207	225.2	2604
2881 >E	Buchanan South 345kV Voltage	Ravenswood 3	16.5	327.8	335.5	2940
2892 >E	Gardenville 230kV Voltage	SBK Princetown 345	10.6	207	208.3	2682
2894 >E	Gardenville 230kV Voltage	Ravenswood 3	10.7	207	208.0	2951
2897 >E	Leeds 345kV Voltage	SBK Edic R70	9.5	327.8	327.8	2881
2897 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	9.5	327.8	327.8	2859
2897 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	9.5	327.8	327.8	2850
2897 >E	Leeds 345kV Voltage	SBK Princetown 345	9.5	327.8	327.8	2687
2897 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	9.5	327.8	327.8	2884

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2897 >E	Leeds 345kV Voltage	Ravenswood 3	9.5	327.8	327.8	2953
2903 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	10.9	207	207.3	2865
2903 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	10.9	207	207.3	2856
2904 >E	Ramapo 345kV Voltage	Ravenswood 3	14.8	327.8	335.1	2959
2905 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	11.0	207	207.1	2892
2909 >E	Watercure 230kV Voltage	Volney-Marcy	15.3	207	233.8	2588
2913 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	14.5	327.8	331.9	2967
2914 >E	Ramapo 500kV Voltage	SBK Edic R945	42.4	500	505.6	2037
2914 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	42.5	500	505.6	2037
2920 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	14.5	327.8	341.5	3054
2920 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	14.5	327.8	341.5	3054
2922 >E	Ladentown 345kV Voltage	Ravenswood 3	15.1	327.8	335.7	2974
2924 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	12.2	327.8	341.3	1902
2924 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	12.2	327.8	341.3	1902
2924 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	12.4	327.8	333.4	2042
2924 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	12.4	327.8	333.4	2042
2924 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	12.4	327.8	333.4	2042
2924 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	12.4	327.8	333.4	2042
2934 >E	New Scotland 345kV Voltage Alps	Marcy South N.	19.4	327.8	350.6	3607
2934 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	19.4	327.8	350.6	3607
2942 >E	Watercure 230kV Voltage	Marcy South N.	22.9	207	227.6	3612
2942 >E	Gordon Rd 345kV Voltage	SBK Edic R945	13.4	327.8	318.1	2049
2942 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	13.4	327.8	318.1	2049
2944 >E	Bowline 1 345kV Voltage	Ravenswood 3	15.0	327.8	336.0	2993
2945 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	35.3	218.5	222.7	2642
2946 >E	Watercure 230kV Voltage	SBK Edic R945	16.2	207	229.7	2051
2946 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	16.2	207	229.7	2051
2949 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	14.4	327.8	329.6	2900
2950 >E	St.Lawrence 230kV Voltage	Marcy South N.	37.2	218.5	228.8	3617
2951 >E	Bowline 2 345kV Voltage	Ravenswood 3	15.0	327.8	336.1	2999
2954 >E	Somerset 345kV Voltage	Marcy South N.	22.3	327.8	346.9	3620
2955 >E	Fraser 345kV Voltage	SBK Marcy R3108	16.0	327.8	327.8	2647
2963 >E	Niagara 230kV East Voltage	Marcy South S.	28.8	218.5	221.3	3358
2963 >E	Niagara 230kV West Voltage	Marcy South S.	28.8	218.5	221.3	3358
2964 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	18.5	327.8	328.7	2915
2966 >E	Buchanan North 345kV Voltage	SBK Edic R70	18.7	327.8	328.6	2937
2967 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	15.1	327.8	328.4	2938
2970 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	14.2	327.8	341.1	2609
2970 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	14.2	327.8	341.1	2609
2971 >E	Roseton 345kV Voltage	Ravenswood 3	15.2	327.8	332.3	3016

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2976 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	15.3	327.8	327.8	2962
2978 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	13.8	327.8	349.5	1909
2978 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	15.4	327.8	327.7	2939
2980 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	19.2	327.8	327.9	2941
2980 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	19.2	327.8	327.9	2967
2984 >E	Buchanan North 345kV Voltage	SBK Princetown 345	19.3	327.8	327.7	2767
2994 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	29.9	218.5	229.8	1912
2994 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	29.9	218.5	229.8	1912
2994 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	19.3	327.8	329.0	2943
2997 >E	Niagara 230kV East Voltage	Volney-Marcy	31.5	218.5	229.8	2618
2997 >E	Niagara 230kV West Voltage	Volney-Marcy	31.5	218.5	229.8	2618
2999 >E	Niagara 345kV Voltage	Volney-Marcy	15.2	327.8	350.5	2619
3002 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	16.0	327.8	326.1	2784
3005 >E	Millwood 345kV Voltage	SBK Edic R70	19.9	327.8	328.4	2968
3007 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	23.1	327.8	328.8	2955
3008 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	23.3	327.8	328.8	2957
3010 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	18.5	327.8	328.9	2958
3016 >E	Ramapo 345kV Voltage	SBK Edic R70	17.3	327.8	328.8	2977
3016 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	20.3	327.8	327.8	3003
3017 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	17.2	327.8	328.7	2966
3018 >E	Buchanan South 345kV Voltage	SBK Edic R70	19.0	327.8	328.5	2978
3018 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	20.3	327.8	327.8	2978
3019 >E	Sprain Brook 345kV Voltage	SBK Edic R70	23.9	327.8	328.3	2979
3021 >E	Dunwoodie 345kV Voltage	SBK Edic R70	24.1	327.8	328.3	2981
3021 >E	Rock Tavern 345kV Voltage	SBK Edic R945	18.5	327.8	339.6	2081
3021 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	18.5	327.8	339.6	2081
3021 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	18.4	327.8	345.4	1916
3027 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	15.9	327.8	328.9	2975
3030 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	24.3	327.8	327.8	3016
3031 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	19.4	327.8	327.9	3017
3031 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	24.5	327.8	327.8	3017
3031 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	24.4	327.8	327.8	2991
3032 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	19.4	327.8	327.8	2991
3032 >E	Roseton 345kV Voltage	SBK Edic R70	16.2	327.8	328.6	2990
3032 >E	Millwood 345kV Voltage	SBK Princetown 345	20.8	327.8	327.1	2812
3032 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr	17.7	327.8	327.9	2992

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3033 >E	Ramapo 345kV Voltage	SBK Princetown 345	17.7	327.8	327.9	2813
3033 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	24.6	327.8	327.8	2993
3033 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	17.7	327.8	327.9	3019
3042 >E	Buchanan South 345kV Voltage	SBK Princetown 345	19.7	327.8	327.3	2821
3042 >E	Leeds 345kV Voltage	Marcy South S.	15.9	327.8	335.3	3405
3044 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	16.5	327.8	327.9	3030
3045 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	16.5	327.8	327.8	3005
3045 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	17.4	327.8	328.9	2992
3047 >E	Ladentown 345kV Voltage	SBK Edic R70	17.6	327.8	328.8	3002
3047 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	24.9	327.8	327.1	2826
3049 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	25.1	327.8	327.1	2828
3053 >E	Roseton 345kV Voltage	SBK Princetown 345	16.7	327.8	327.3	2831
3063 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	18.0	327.8	327.9	3023
3063 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	18.0	327.8	327.9	3049
3066 >E	Ladentown 345kV Voltage	SBK Princetown 345	18.1	327.8	327.7	2844
3072 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	17.3	327.8	328.9	3018
3073 >E	Bowline 1 345kV Voltage	SBK Edic R70	17.5	327.8	328.8	3023
3079 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	17.3	327.8	329.0	3025
3081 >E	Bowline 2 345kV Voltage	SBK Edic R70	17.5	327.8	328.9	3029
3086 >E	Ramapo 500kV Voltage	Volney-Marcy	56.2	500	504.0	2649
3091 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	18.0	327.8	327.9	3049
3091 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	18.0	327.8	327.9	3076
3094 >E	Bowline 1 345kV Voltage	SBK Princetown 345	18.0	327.8	327.7	2869
3099 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	18.0	327.8	327.9	3058
3099 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	18.0	327.8	327.9	3084
3102 >E	Bowline 2 345kV Voltage	SBK Princetown 345	18.0	327.8	327.7	2877
3129 >E	Pleasant Valley 345kV Voltage	Marcy South S.	24.6	327.8	330.6	3456
3157 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	24.4	327.8	325.1	2762
3162 >E	Gilboa 345kV Voltage	Ph2 DC 1500	21.5	327.8	334.0	3161
3178 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	22.7	327.8	335.2	2774
3178 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	22.7	327.8	335.2	2774
3219 >E	Niagara 230kV East Voltage	SBK Edic R945	46.5	218.5	227.3	2162
3219 >E	Niagara 230kV West Voltage	SBK Edic R945	46.5	218.5	227.3	2162
3219 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	46.5	218.5	227.3	2162
3219 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	46.5	218.5	227.3	2162

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3222 >E	Niagara 345kV Voltage	SBK Edic R945	22.4	327.8	345.3	2163
3222 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	22.4	327.8	345.3	2163
3228 >E	Gilboa 345kV Voltage	Volney-Marcy	22.5	327.8	333.4	2698
3271 >E	Niagara 345kV Voltage	Ph2 DC 1500	24.6	327.8	343.7	3209
3276 >E	Watercure 230kV Voltage	Ph2 DC 1500	30.3	207	232.2	3211
3277 >E	Gardenville 230kV Voltage	Volney-Marcy	27.8	207	227.9	2715
3349 >E	Rock Tavern 345kV Voltage	Volney-Marcy	29.7	327.8	334.2	2741
3350 >E	Niagara 230kV East Voltage	Ph2 DC 1500	57.1	218.5	227.2	3244
3350 >E	Niagara 230kV West Voltage	Ph2 DC 1500	57.1	218.5	227.2	3244
3351 >E	Niagara 345kV Voltage	SBK Marcy R3108	30.8	327.8	349.4	2872
3358 >E	Buchanan North 345kV Voltage	SBK Edic R945	39.6	327.8	336.3	2219
3358 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	39.6	327.8	336.3	2219
3365 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	39.6	327.8	340.4	1966
3390 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	33.8	327.8	344.2	1969
3412 >E	Ramapo 345kV Voltage	SBK Edic R945	34.9	327.8	339.3	2241
3412 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	34.9	327.8	339.3	2241
3426 >E	Gilboa 345kV Voltage	SBK Marcy R3108	29.6	327.8	330.4	2915
3432 >E	Dunwoodie 345kV Voltage	Marcy South S.	47.0	327.8	322.0	3635
3437 >E	Fraser 345kV Voltage	Marcy South N.	32.7	327.8	327.8	3940
3440 >E	Sprain Brook 345kV Voltage	Marcy South S.	47.0	327.8	321.8	3640
3455 >E	Millwood 345kV Voltage	Marcy South S.	41.7	327.8	321.0	3648
3464 >E	Ramapo 500kV Voltage	Marcy South S.	99.1	500	489.9	3654
3490 >E	Niagara 230kV East Voltage	SBK Marcy R3108	69.6	218.5	229.9	2951
3490 >E	Niagara 230kV West Voltage	SBK Marcy R3108	69.6	218.5	229.9	2951
3493 >E	Roseton 345kV Voltage	SBK Edic R945	33.7	327.8	335.5	2274
3493 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	33.7	327.8	335.5	2274
3503 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	36.0	327.8	330.8	2278
3503 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	36.0	327.8	330.8	2278
3515 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	44.1	327.8	333.9	2283
3515 >E	Millwood 345kV Voltage	SBK Edic R945	44.1	327.8	333.9	2283
3522 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	30.0	327.8	327.8	2286
3522 >E	Leeds 345kV Voltage	SBK Edic R945	30.0	327.8	327.8	2286
3526 >E	Buchanan South 345kV Voltage	SBK Edic R945	41.9	327.8	335.9	2287
3526 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	41.9	327.8	335.9	2287
3543 >E	Sprain Brook 345kV Voltage	SBK Edic R945	52.0	327.8	332.8	2294
3544 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	52.0	327.8	332.8	2295
3546 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	52.3	327.8	332.6	2295
3546 >E	Dunwoodie 345kV Voltage	SBK Edic R945	52.3	327.8	332.6	2295
3548 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	38.2	327.8	335.8	3331
3553 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	38.2	327.8	345.0	1993
3554 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	38.4	327.8	339.9	2299

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3554 >E	Ladentown 345kV Voltage	SBK Edic R945	38.4	327.8	339.9	2299
3580 >E	Roseton 345kV Voltage	Marcy South S.	36.2	327.8	319.2	3722
3607 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	37.9	327.8	346.9	2001
3607 >E	Gilboa 345kV Voltage	Marcy South N.	37.3	327.8	341.7	4053
3608 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	38.1	327.8	342.0	2321
3608 >E	Bowline 1 345kV Voltage	SBK Edic R945	38.1	327.8	342.0	2321
3621 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	45.8	327.8	341.1	2003
3638 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	38.8	327.8	342.5	2005
3642 >E	Ramapo 500kV Voltage	Marcy South N.	119.5	500	504.3	4076
3668 >E	Rainey 345kV Voltage	Ravenswood 3	50.8	327.8	340.8	3604
3681 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	51.5	327.8	339.0	2012
3693 >E	Buchanan South 345kV Voltage	Marcy South S.	47.8	327.8	315.9	3789
3700 >E	Gardenville 230kV Voltage	SBK Edic R945	44.0	207	226.5	2359
3700 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	44.0	207	226.5	2359
3701 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	43.7	207	244.4	2015
3704 >E	Niagara 345kV Voltage	Marcy South N.	43.4	327.8	351.5	4117
3713 >E	Niagara 230kV East Voltage	Marcy South N.	86.0	218.5	231.0	4123
3713 >E	Niagara 230kV West Voltage	Marcy South N.	86.0	218.5	231.0	4123
3726 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	41.6	327.8	346.3	2018
3727 >E	Farragut 345kV Voltage	Ravenswood 3	53.4	327.8	340.1	3653
3728 >E	Bowline 2 345kV Voltage	SBK Edic R945	41.9	327.8	340.8	2370
3728 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	41.9	327.8	340.8	2370
3743 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	62.2	327.8	337.3	2021
3758 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	63.2	327.8	337.1	2023
3822 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	48.1	327.8	337.0	2032
3822 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	63.4	327.8	336.0	3452
3844 >E	Ramapo 500kV Voltage	SBK Marcy R3108	138.4	500	502.2	3152
3866 >E	Buchanan North 345kV Voltage	Marcy South S.	58.4	327.8	310.0	3891
3889 >E	Rainey 345kV Voltage	Pre-Fault	77.4	NA	338	3889
3891 >E	Farragut 345kV Voltage	Pre-Fault	80.1	NA	338	3891
3965 >E	Leeds 345kV Voltage	Marcy South N.	46.4	327.8	347.3	4290
3980 >E	Ramapo 345kV Voltage	Ph2 DC 1500	58.4	327.8	338.1	3521
4006 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	56.7	327.8	334.7	3533
4008 >E	Gardenville 230kV Voltage	SBK Marcy R3108	58.7	207	227.5	3245
4024 >E	Rock Tavern 345kV Voltage	Marcy South S.	45.7	327.8	278.4	3985
4071 >E	Buchanan North 345kV Voltage	Volney-Marcy	72.9	327.8	333.4	2992
4084 >E	Gardenville 230kV Voltage	Marcy South N.	63.6	207	227.9	4369
4116 >E	Coopers Corners 345kV Voltage	Marcy South S.	37.1	327.8	164.1	4039
4124 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	68.2	327.8	336.5	3585
4128 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	49.3	327.8	327.8	2077
4129 >E	Leeds 345kV Voltage	Ph2 DC 1500	49.4	327.8	327.8	3587

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4129 >E	Millwood 345kV Voltage	Ph2 DC 1500	72.4	327.8	335.0	3587
4163 >E	Roseton 345kV Voltage	Volney-Marcy	57.3	327.8	333.0	3023
4167 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	62.6	327.8	332.3	3025
4187 >E	Ladentown 345kV Voltage	Ph2 DC 1500	63.2	327.8	339.2	3613
4203 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	86.3	327.8	333.7	3620
4217 >E	Goethals 345kV Voltage	Ravenswood 3	73.0	327.8	339.0	4067
4220 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	87.4	327.8	333.6	3627
4221 >E	Leeds 345kV Voltage	Volney-Marcy	52.0	327.8	327.8	3044
4226 >E	Ramapo 345kV Voltage	Volney-Marcy	66.1	327.8	335.7	3045
4258 >E	Roseton 345kV Voltage	Ph2 DC 1500	61.2	327.8	335.1	3644
4281 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	63.0	327.8	341.3	3654
4326 >E	Goethals 345kV Voltage	Pre-Fault	109.8	NA	338	4326
4350 >E	Leeds 345kV Voltage	SBK Marcy R3108	56.1	327.8	327.8	3439
4392 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	68.8	327.8	324.6	3463
4428 >E	Millwood 345kV Voltage	Volney-Marcy	86.2	327.8	331.9	3115
4471 >E	Buchanan South 345kV Voltage	Volney-Marcy	82.2	327.8	333.1	3130
4478 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	69.1	327.8	340.0	3741
4497 >E	Ladentown 345kV Voltage	Marcy South S.	68.9	327.8	297.3	4264
4516 >E	Sprain Brook 345kV Voltage	Volney-Marcy	103.5	327.8	330.8	3146
4528 >E	Dunwoodie 345kV Voltage	Volney-Marcy	104.7	327.8	330.7	3150
4534 >E	Ramapo 345kV Voltage	Marcy South S.	71.7	327.8	293.9	4286
4563 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	73.1	327.8	329.3	4454
4592 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	75.7	327.8	329.3	4481
4609 >E	Ladentown 345kV Voltage	Volney-Marcy	77.4	327.8	335.7	3178
4637 >E	Rainey 345kV Voltage	SBK Edic R70	76.0	327.8	328.3	4279
4642 >E	Pleasant Valley 345kV Voltage	Marcy South N.	86.6	327.8	341.6	4739
4666 >E	Farragut 345kV Voltage	SBK Edic R70	78.6	327.8	328.3	4303
4673 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	77.2	327.8	327.9	4642
4677 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	77.3	327.8	327.8	4609
4702 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	79.9	327.8	327.9	4671
4703 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	83.8	327.8	326.7	3639
4706 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	80.0	327.8	327.8	4637
4725 >E	Rainey 345kV Voltage	SBK Princetown 345	78.9	327.8	327.2	4381
4756 >E	Farragut 345kV Voltage	SBK Princetown 345	81.6	327.8	327.2	4409
4820 >E	Bowline 1 345kV Voltage	Marcy South S.	76.6	327.8	289.3	4455
4836 >E	Bowline 2 345kV Voltage	Marcy South S.	76.0	327.8	292.6	4464
4848 >E	Coopers Corners 345kV Voltage	Marcy South N.	68.4	327.8	303.2	4875
4962 >E	Bowline 1 345kV Voltage	Volney-Marcy	85.8	327.8	336.4	3301
4983 >E	Bowline 2 345kV Voltage	Volney-Marcy	85.3	327.8	336.5	3309

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5259 >E	Roseton 345kV Voltage	SBK Marcy R3108	96.5	327.8	325.4	3955
5287 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	103.7	327.8	329.3	5150
5394 >E	Goethals 345kV Voltage	SBK Edic R70	107.9	327.8	328.3	4887
5406 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	137.2	327.8	325.9	4038
5442 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	109.6	327.8	327.8	5403
5445 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	109.7	327.8	327.8	5364
5494 >E	Millwood 345kV Voltage	SBK Marcy R3108	135.3	327.8	325.0	4088
5508 >E	Goethals 345kV Voltage	SBK Princetown 345	111.9	327.8	327.2	5106
5573 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	159.9	327.8	324.7	4133
5575 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	159.3	327.8	324.8	4134
5778 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	138.3	327.8	325.2	4250
5925 >E	Ramapo 345kV Voltage	SBK Marcy R3108	133.3	327.8	325.6	4333
6002 >E	Roseton 345kV Voltage	Marcy South N.	122.1	327.8	337.5	5640
6022 >E	Millwood 345kV Voltage	Marcy South N.	159.9	327.8	335.9	5654
6214 >E	Sprain Brook 345kV Voltage	Marcy South N.	192.2	327.8	334.3	5780
6220 >E	Dunwoodie 345kV Voltage	Marcy South N.	193.6	327.8	334.3	5784
6222 >E	Buchanan North 345kV Voltage	Marcy South N.	169.3	327.8	333.0	5786
6471 >E	Buchanan South 345kV Voltage	Marcy South N.	166.1	327.8	335.6	5951
6497 >E	Ladentown 345kV Voltage	SBK Marcy R3108	148.7	327.8	325.4	4657
6515 >E	Rock Tavern 345kV Voltage	Marcy South N.	133.0	327.8	323.7	5980
6641 >E	Rainey 345kV Voltage	Marcy South S.	150.0	327.8	318.9	5530
6690 >E	Farragut 345kV Voltage	Marcy South S.	155.0	327.8	319.1	5559
7084 >E	Rainey 345kV Voltage	SBK Edic R945	166.2	327.8	335.1	3740
7085 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	166.2	327.8	335.1	3741
7165 >E	Farragut 345kV Voltage	SBK Edic R945	172.7	327.8	335.0	3773
7167 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	172.7	327.8	335.0	3774
7170 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	164.6	327.8	325.3	5039
7214 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	163.7	327.8	325.3	5064
7257 >E	Ramapo 345kV Voltage	Marcy South N.	177.4	327.8	332.8	6472
7725 >E	Ladentown 345kV Voltage	Marcy South N.	188.8	327.8	334.5	6783
7900 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	195.9	327.8	341.9	2626
7964 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	202.4	327.8	341.7	2635
8033 >E	Goethals 345kV Voltage	Marcy South S.	209.1	327.8	319.1	6353
8260 >E	Northport 138kV Voltage	Pre-Fault	638.9	NA	135	8260
8546 >E	Bowline 1 345kV Voltage	Marcy South N.	207.8	327.8	335.1	7327
8616 >E	Bowline 2 345kV Voltage	Marcy South N.	207.2	327.8	335.1	7373
8736 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	235.8	327.8	334.9	4414
8736 >E	Goethals 345kV Voltage	SBK Edic R945	235.8	327.8	334.9	4414
9449 >E	Rainey 345kV Voltage	Ph2 DC 1500	253.1	327.8	338.2	5931
9493 >E	Farragut 345kV Voltage	Ph2 DC 1500	260.0	327.8	338.1	5950

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
9570 >E	Northport 138kV Voltage	Ravenswood 3	558.1	131.1	132.9	8585
9790 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	275.8	327.8	341.6	2901
10355 >E	Northport 138kV Voltage	N.Scot-Leeds 345	607.9	131.1	131.7	10028
10640 >E	Northport 138kV Voltage	SBK Edic R70	630.4	131.1	131.3	9101
10730 >E	Northport 138kV Voltage	Princetown-N.Scot 345	637.1	131.1	131.1	10638
10774 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	640.6	131.1	131.1	10602
10983 >E	Northport 138kV Voltage	SBK Princetown 345	656.5	131.1	130.7	10180
11391 >E	Goethals 345kV Voltage	Ph2 DC 1500	337.3	327.8	338.9	6787
12608 >E	Rainey 345kV Voltage	Volney-Marcy	369.3	327.8	332.8	5959
12634 >E	Farragut 345kV Voltage	Volney-Marcy	377.9	327.8	332.7	5968
13501 >E	Gardenville 230kV Voltage	Ph2 DC 1500	419.2	207	339.3	7716
15513 >E	Northport 138kV Voltage	Marcy South S.	1012.4	131.1	127.9	10772
16461 >E	Goethals 345kV Voltage	Volney-Marcy	531.0	327.8	332.5	7298
17117 >E	Rainey 345kV Voltage	SBK Marcy R3108	534.7	327.8	323.1	10684
17383 >E	Farragut 345kV Voltage	SBK Marcy R3108	555.7	327.8	323.2	10835
18735 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1270.9	131.1	133.5	8497
18759 >E	Northport 138kV Voltage	SBK Edic R945	1272.8	131.1	133.5	8507
19020 >E	Rainey 345kV Voltage	Marcy South N.	604.1	327.8	337.2	14269
19215 >E	Farragut 345kV Voltage	Marcy South N.	623.9	327.8	337.0	14398
23062 >E	Goethals 345kV Voltage	SBK Marcy R3108	782.8	327.8	322.7	14057
25089 >E	Northport 138kV Voltage	Ph2 DC 1500	1771.7	131.1	137.9	12822
25208	Goethals 345kV Voltage	Marcy South N.	864.1	327.8	337.2	18370

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

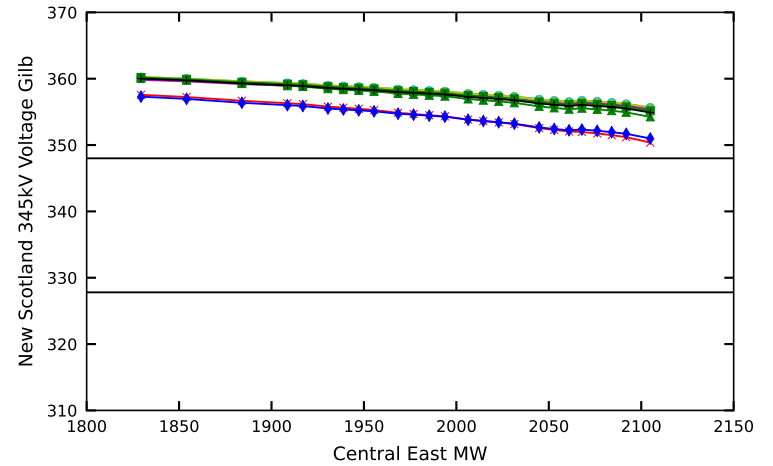
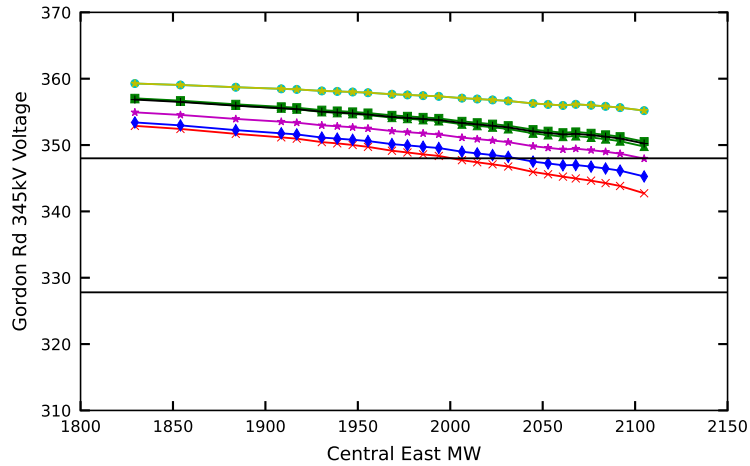
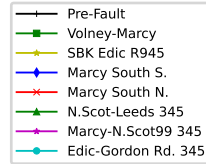
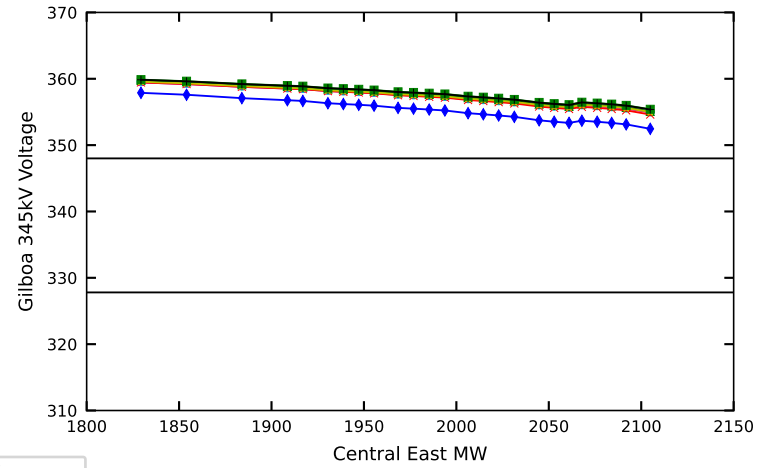
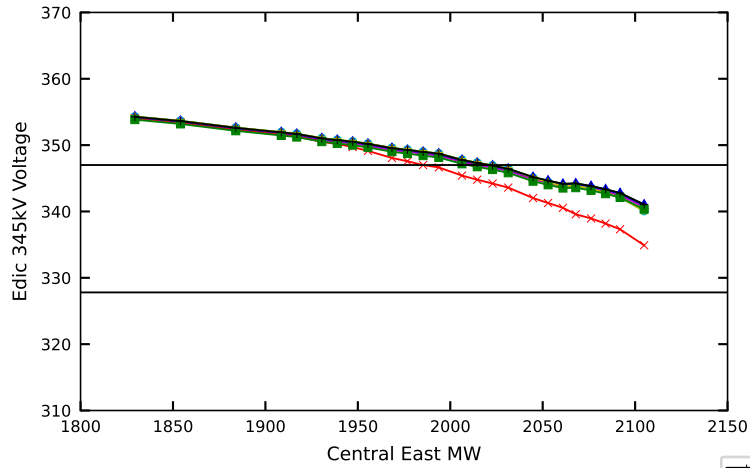
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1: 2023S CEVC PH2 CE2410 MS2270 DE1300 10 FE1 OS

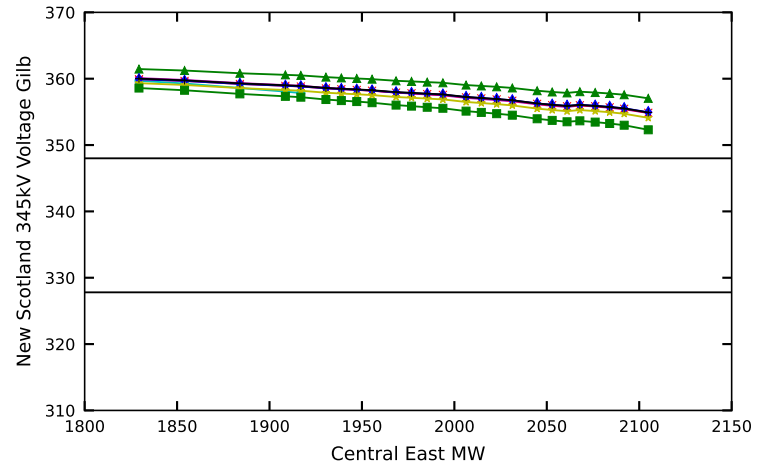
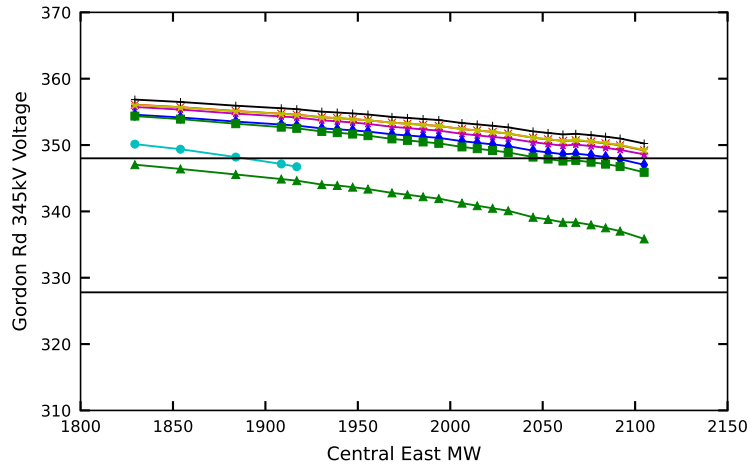
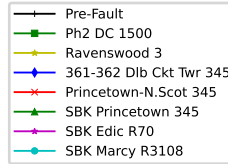
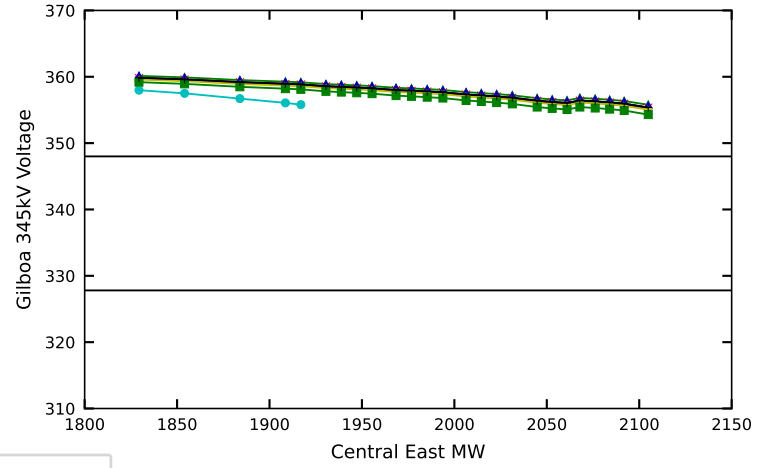
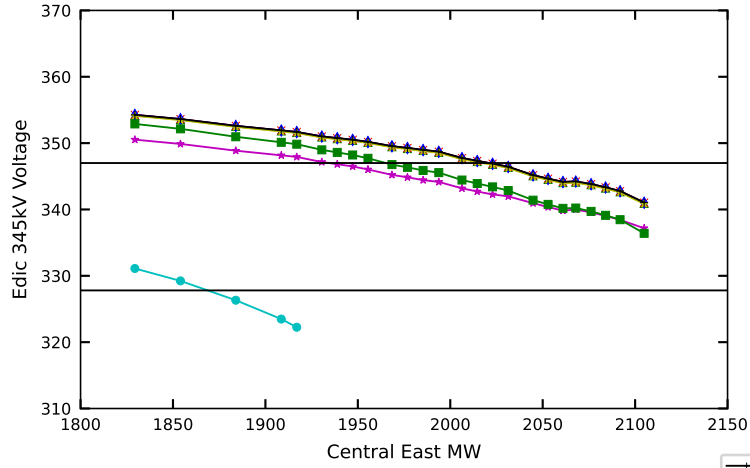
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				<-Post->	<-Pre->	
>E						
25694	Northport 138kV Voltage	Marcy-N.Scot99 345	1817.4	131.1	137.8	5215
>E						
41584	Northport 138kV Voltage	Volney-Marcy	3067.6	131.1	133.0	16032
>E						
50919	Northport 138kV Voltage	SBK Marcy R3108	3801.3	131.1	128.9	29865
>E						
96943	Northport 138kV Voltage	Marcy South N.	7417.3	131.1	135.7	65918
>E						
99998	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

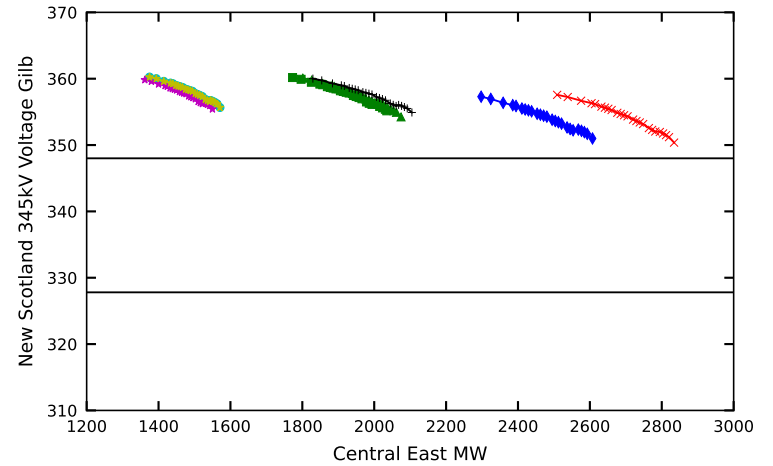
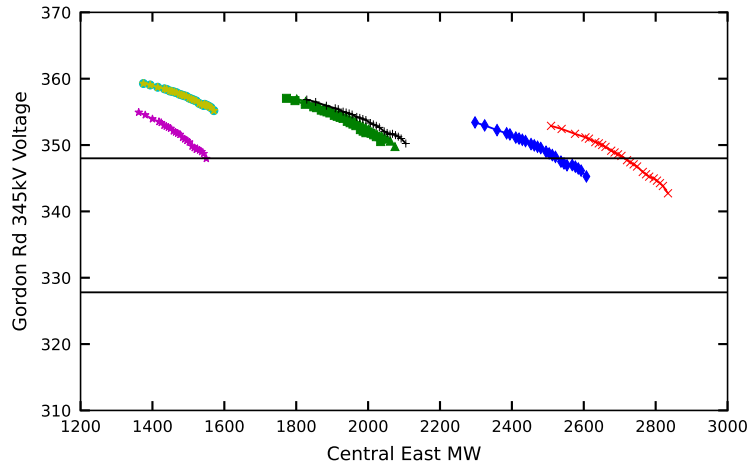
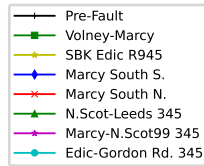
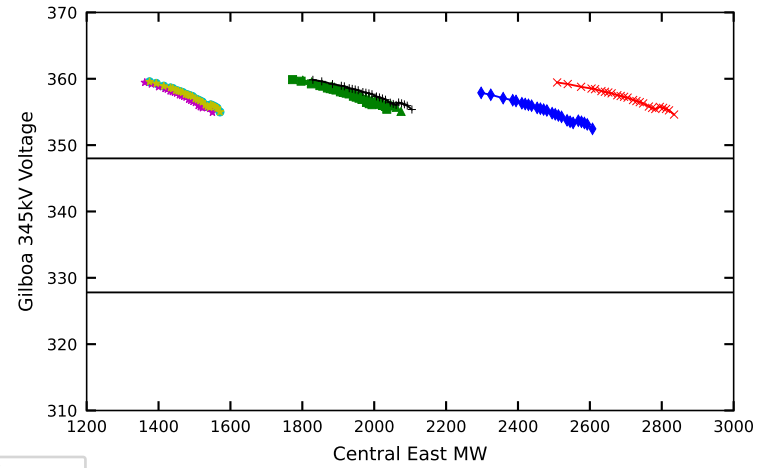
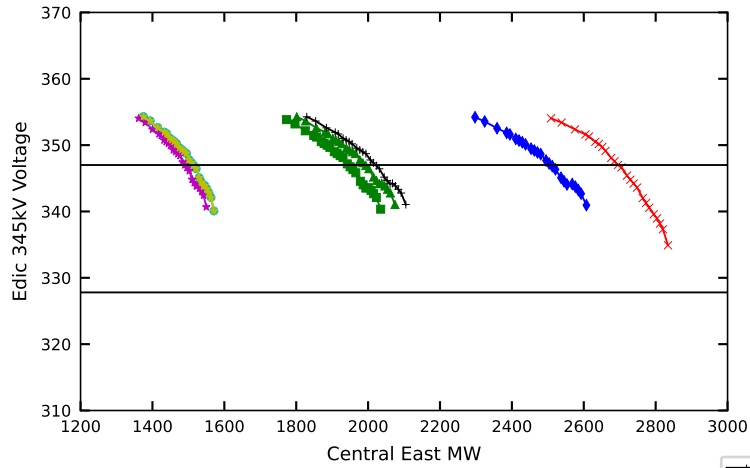
1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI Figure 1



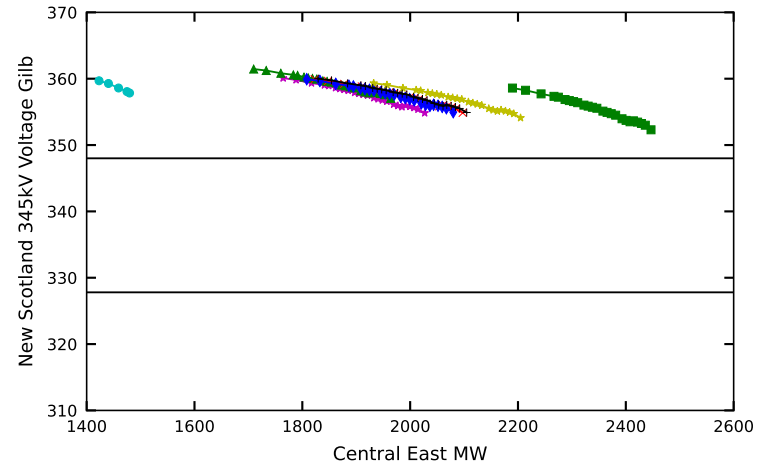
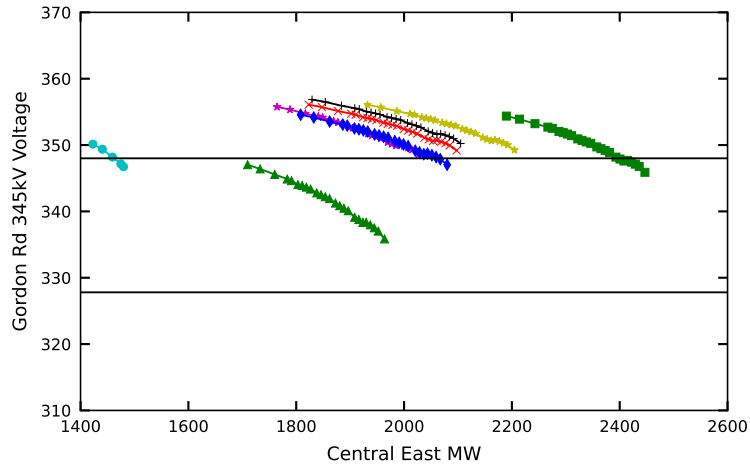
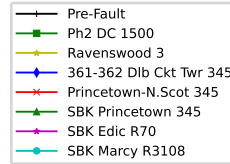
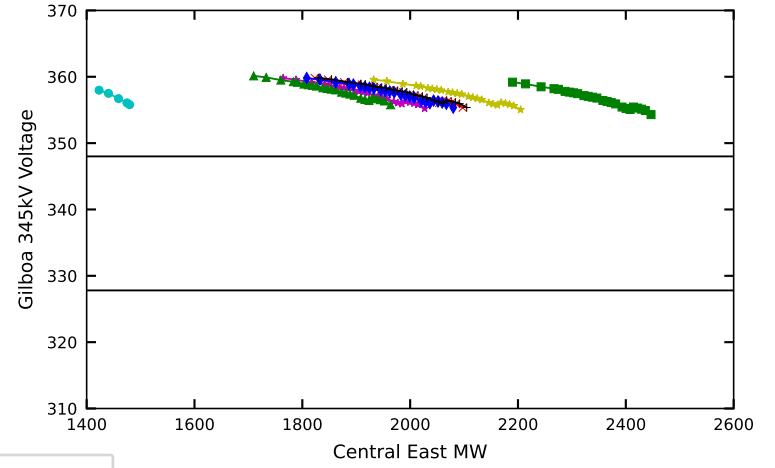
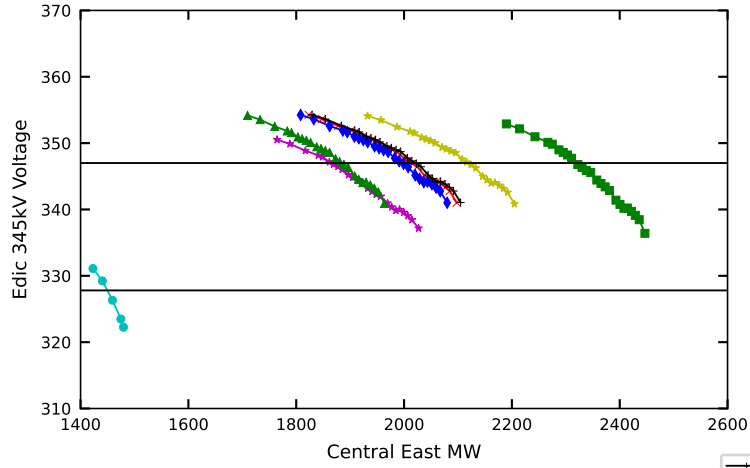
1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI Figure 2



1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI Figure 1



1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 1O ALI

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
1829	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1854	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1883	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1908	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1916	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1930	t6	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
1938	t7	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
1947	t8	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
1955	t9	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
1968	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	0															
1976	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	1															
1985	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	2															
1993	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	3															
2006	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	4															
2014	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	5															
2022	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	6															
2031	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	7															
2044	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	8															
2052	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	9															
2060	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	0															
2067	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	1															
2076	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	2															
2084	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	3															
2091	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	4															
2104	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-09-2023 12:01

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 1O ALI

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\1O\MSU1_OS\Sum2023_CEVC_PH2_1O_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2450 MS2270 DE1300 1O ALI

Interface: Central East

Dlb Ckt																							
Twr 345																							
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																							
wood 3																							
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph2 DC																							
1500																							

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1045 <E	Dunwoodie 345kV Voltage	Pre-Fault	494.8	NA	348	1045
1094 <E	Sprain Brook 345kV Voltage	Pre-Fault	487.9	NA	348	1094
1821	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1405
1868	Edic 345kV Voltage	SBK Marcy R3108	10.3	327.8	353.1	1449
1870	Station 80 345kV Voltage	Pre-Fault	65.9	NA	346	1870
1916	Clay 345kV Voltage	SBK Marcy R3108	6.9	327.8	349.1	1479
1931	Pannell Road 345kV Voltage	Pre-Fault	72.7	NA	346	1931
1997 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	11.8	327.8	345.3	1526
1999	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1492
1999	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1472
1999	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	1970
1999	limit with 5% margin	Marcy South N.	NA	NA	NA	2692
1999	limit with 5% margin	Marcy South S.	NA	NA	NA	2476
1999	limit with 5% margin	SBK Edic R945	NA	NA	NA	1492
1999	limit with 5% margin	Volney-Marcy	NA	NA	NA	1933
1999	limit with 5% margin	SBK Edic R70	NA	NA	NA	1925
1999	limit with 5% margin	SBK Princetown 345	NA	NA	NA	1865
1999	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	1992
1999	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	1975
1999	limit with 5% margin	Ravenswood 3	NA	NA	NA	2094
1999	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2324
2011	Marcy 345kV Voltage	Pre-Fault	18.8	NA	348	2011
2021	Edic 345kV Voltage	Pre-Fault	20.1	NA	347	2021
2030	Clay 345kV Voltage	Pre-Fault	21.9	NA	345	2030
2034 >E	Station 80 345kV Voltage	SBK Marcy R3108	14.2	327.8	344.1	1547
2039	Millwood 345kV Voltage	Pre-Fault	44.5	NA	348	2039
2096 >E	Oakdale 345kV Voltage	SBK Marcy R3108	8.7	320	354.4	1582
2143 >E	Edic 345kV Voltage	Marcy South N.	5.4	327.8	335.9	2875
2143 >E	Gordon Rd 345kV Voltage	Pre-Fault	17.3	NA	348	2143
2143 >E	Clay 345kV Voltage	Marcy South N.	6.5	327.8	335.9	2876
2146 >E	Marcy 345kV Voltage	Marcy South N.	5.4	327.8	336.0	2879
2159 >E	Edic 345kV Voltage	Ph2 DC 1500	6.3	327.8	333.8	2491
2163 >E	Clay 345kV Voltage	Ph2 DC 1500	7.4	327.8	333.7	2494
2164 >E	Marcy 345kV Voltage	Ph2 DC 1500	6.3	327.8	333.6	2495
2173 >E	Clay 345kV Voltage	Volney-Marcy	8.3	327.8	332.6	2098
2183 >E	Edic 345kV Voltage	SBK Edic R945	6.4	327.8	330.5	1619
2183 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	6.4	327.8	330.5	1619
2186 >E	Marcy 345kV Voltage	SBK Edic R945	6.4	327.8	330.7	1621
2186 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	6.4	327.8	330.7	1621
2187 >E	Niagara 230kV East Voltage	Pre-Fault	19.0	NA	225	2187

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2187 >E	Niagara 230kV West Voltage	Pre-Fault	19.0	NA	225	2187
2187 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	9.7	327.8	333.6	2513
2187 >E	Pannell Road 345kV Voltage	Marcy South N.	9.0	327.8	333.6	2923
2188 >E	Oakdale 345kV Voltage	Pre-Fault	6.8	NA	335	2188
2193 >E	Gordon Rd 345kV Voltage	SBK Princetown 345	11.1	327.8	345.1	2042
2195 >E	Clay 345kV Voltage	SBK Edic R945	8.1	327.8	330.2	1627
2195 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	330.2	1627
2196 >E	Oakdale 345kV Voltage	Marcy South N.	5.5	320	333.9	2933
2197 >E	Station 80 345kV Voltage	Ph2 DC 1500	11.1	327.8	333.6	2522
2198 >E	Edic 345kV Voltage	Volney-Marcy	7.4	327.8	328.6	2121
2201 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	328.2	1606
2201 >E	Edic 345kV Voltage	SBK Edic R70	10.3	327.8	328.2	2118
2202 >E	Edic 345kV Voltage	Ravenswood 3	7.5	327.8	328.0	2299
2203 >E	Edic 345kV Voltage	SBK Princetown 345	7.5	327.8	328.0	2051
2203 >E	Edic 345kV Voltage	Marcy South S.	7.5	327.8	327.9	2718
2203 >E	Fraser 345kV Voltage	SBK Marcy R3108	12.0	327.8	354.3	1644
2204 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	7.5	327.8	327.8	2177
2204 >E	Edic 345kV Voltage	Princetown-N.Scot 345	7.5	327.8	327.8	2196
2204 >E	Edic 345kV Voltage	N.Scot-Leeds 345	7.5	327.8	327.8	2172
2204 >E	Buchanan North 345kV Voltage	Pre-Fault	75.6	NA	346	2204
2205 >E	Clay 345kV Voltage	SBK Edic R70	10.5	327.8	329.0	2123
2208 >E	Marcy 345kV Voltage	SBK Princetown 345	7.5	327.8	327.8	2055
2208 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	327.8	1610
2208 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	7.5	327.8	327.8	2176
2208 >E	Marcy 345kV Voltage	Marcy South S.	7.5	327.8	327.8	2723
2208 >E	Marcy 345kV Voltage	Volney-Marcy	7.5	327.8	327.8	2130
2208 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	7.5	327.8	327.8	2200
2208 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	7.5	327.8	327.8	2181
2208 >E	Marcy 345kV Voltage	Ravenswood 3	7.5	327.8	327.8	2304
2208 >E	Station 80 345kV Voltage	Marcy South N.	10.4	327.8	332.9	2946
2208 >E	Clay 345kV Voltage	Ravenswood 3	9.0	327.8	328.7	2305
2210 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	9.0	327.8	328.6	1611
2215 >E	Clay 345kV Voltage	SBK Princetown 345	9.1	327.8	328.0	2062
2216 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	327.8	2189
2217 >E	Clay 345kV Voltage	N.Scot-Leeds 345	9.1	327.8	327.8	2184
2217 >E	Clay 345kV Voltage	Princetown-N.Scot 345	9.1	327.8	327.8	2209
2221 >E	Pannell Road 345kV Voltage	Volney-Marcy	10.8	327.8	330.6	2143
2221 >E	Clay 345kV Voltage	Marcy South S.	9.2	327.8	327.3	2738

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2223 >E	Marcy 345kV Voltage	SBK Edic R70	8.1	327.8	325.8	2139
2236 >E	Pannell Road 345kV Voltage	Ravenswood 3	11.2	327.8	329.3	2332
2237 >E	Pannell Road 345kV Voltage	SBK Edic R945	10.6	327.8	329.2	1652
2237 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	10.6	327.8	329.2	1652
2240 >E	Rock Tavern 345kV Voltage	Pre-Fault	39.0	NA	348	2240
2243 >E	Pannell Road 345kV Voltage	SBK Edic R70	12.5	327.8	328.7	2159
2243 >E	Station 80 345kV Voltage	Volney-Marcy	12.3	327.8	330.1	2164
2249 >E	Oakdale 345kV Voltage	Ph2 DC 1500	6.1	320	326.0	2564
2249 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	11.5	327.8	328.1	1634
2252 >E	Station 80 345kV Voltage	Ravenswood 3	12.7	327.8	329.5	2347
2252 >E	New Scotland 345kV Voltage Alps	Pre-Fault	21.4	NA	348	2252
2252 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	21.4	NA	348	2252
2253 >E	Pannell Road 345kV Voltage	SBK Princetown 345	11.5	327.8	327.8	2095
2253 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	11.5	327.8	327.8	2225
2253 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	11.5	327.8	327.8	2245
2253 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	11.5	327.8	327.8	2220
2259 >E	Station 80 345kV Voltage	SBK Edic R945	12.2	327.8	329.0	1666
2259 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	12.2	327.8	329.0	1666
2260 >E	Coopers Corners 345kV Voltage	Pre-Fault	15.5	NA	338	2260
2262 >E	Oakdale 345kV Voltage	Volney-Marcy	6.5	320	324.0	2181
2263 >E	Oakdale 345kV Voltage	SBK Edic R945	6.4	320	323.9	1669
2263 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	6.4	320	323.9	1669
2263 >E	Station 80 345kV Voltage	SBK Edic R70	14.0	327.8	328.6	2178
2263 >E	Pannell Road 345kV Voltage	Marcy South S.	11.8	327.8	326.9	2786
2264 >E	Fraser 345kV Voltage	Pre-Fault	10.4	NA	338	2264
2266 >E	Niagara 230kV East Voltage	Ph2 DC 1500	17.5	218.5	220.9	2577
2266 >E	Niagara 230kV West Voltage	Ph2 DC 1500	17.5	218.5	220.9	2577
2268 >E	Gilboa 345kV Voltage	Pre-Fault	22.2	NA	348	2268
2270 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	6.6	320	322.9	1646
2272 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	13.1	327.8	327.9	1647
2274 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	13.1	327.8	327.8	2266
2274 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	13.1	327.8	327.8	2246
2274 >E	Station 80 345kV Voltage	SBK Princetown 345	13.1	327.8	327.8	2114
2274 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	13.1	327.8	327.8	2241
2280 >E	Oakdale 345kV Voltage	Ravenswood 3	6.7	320	321.4	2374
2280 >E	Gordon Rd 345kV Voltage	Marcy South N.	11.8	327.8	340.1	3025
2281 >E	Niagara 230kV East Voltage	Marcy South N.	17.4	218.5	220.0	3025
2281 >E	Niagara 230kV West Voltage	Marcy South N.	17.4	218.5	220.0	3025
2282 >E	Oakdale 345kV Voltage	SBK Edic R70	6.9	320	321.1	2196

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2285 >E	Oakdale 345kV Voltage	SBK Princetown 345	6.7	320	320.7	2123
2288 >E	Station 80 345kV Voltage	Marcy South S.	13.5	327.8	326.7	2814
2289 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	6.8	320	320.1	2260
2289 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	6.8	320	320.1	2255
2289 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	6.8	320	320.0	2281
2291 >E	Niagara 230kV East Voltage	Ravenswood 3	18.3	218.5	219.5	2385
2291 >E	Niagara 230kV West Voltage	Ravenswood 3	18.3	218.5	219.5	2385
2292 >E	Pleasant Valley 345kV Voltage	Pre-Fault	51.8	NA	348	2292
2293 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	19.9	327.8	349.4	1695
2297 >E	Niagara 230kV East Voltage	SBK Edic R70	18.7	218.5	219.2	2210
2297 >E	Niagara 230kV West Voltage	SBK Edic R70	18.7	218.5	219.2	2210
2298 >E	Niagara 230kV East Voltage	Volney-Marcy	18.3	218.5	219.2	2214
2298 >E	Niagara 230kV West Voltage	Volney-Marcy	18.3	218.5	219.2	2214
2300 >E	Oakdale 345kV Voltage	Marcy South S.	7.0	320	318.5	2827
2304 >E	Niagara 230kV East Voltage	SBK Edic R945	18.5	218.5	218.8	1694
2304 >E	Niagara 230kV West Voltage	SBK Edic R945	18.5	218.5	218.8	1694
2304 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	18.5	218.5	218.8	1694
2304 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	18.5	218.5	218.8	1694
2307 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	18.8	218.5	218.7	1668
2307 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	18.8	218.5	218.7	1668
2310 >E	Niagara 230kV East Voltage	SBK Princetown 345	19.0	218.5	218.5	2146
2310 >E	Niagara 230kV West Voltage	SBK Princetown 345	19.0	218.5	218.5	2146
2310 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	19.0	218.5	218.5	2276
2310 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	19.0	218.5	218.5	2276
2310 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	19.0	218.5	218.5	2281
2310 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	19.0	218.5	218.5	2281
2310 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	19.0	218.5	218.5	2302
2310 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	19.0	218.5	218.5	2302
2319 >E	Niagara 230kV East Voltage	Marcy South S.	19.5	218.5	218.1	2848
2319 >E	Niagara 230kV West Voltage	Marcy South S.	19.5	218.5	218.1	2848
2340 >E	Watercure 230kV Voltage	SBK Marcy R3108	22.2	207	229.5	1723
2349 >E	Coopers Corners 345kV Voltage	SBK Edic R945	14.0	327.8	332.3	1722
2349 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	14.0	327.8	332.3	1722
2361 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	14.6	327.8	331.5	1699
2365 >E	Gordon Rd 345kV Voltage	Marcy South S.	14.9	327.8	335.2	2900
2367 >E	Somerset 345kV Voltage	Pre-Fault	22.9	NA	338	2367
2368 >E	Buchanan South 345kV Voltage	Pre-Fault	74.2	NA	346	2368
2369 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	14.6	327.8	334.9	2662

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2370 >E	Fraser 345kV Voltage	SBK Princetown 345	10.4	327.8	327.8	2199
2370 >E	Fraser 345kV Voltage	Ph2 DC 1500	10.4	327.8	327.8	2662
2370 >E	Fraser 345kV Voltage	Marcy South N.	10.4	327.8	327.8	3122
2370 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	327.8	1705
2370 >E	Fraser 345kV Voltage	Marcy South S.	10.4	327.8	327.8	2906
2370 >E	Fraser 345kV Voltage	SBK Edic R945	10.4	327.8	327.8	1735
2370 >E	Fraser 345kV Voltage	Volney-Marcy	10.4	327.8	327.8	2281
2370 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	327.8	2361
2370 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	327.8	2340
2370 >E	Fraser 345kV Voltage	Ravenswood 3	10.4	327.8	327.8	2461
2370 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	327.8	1735
2370 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	327.8	2335
2370 >E	Fraser 345kV Voltage	SBK Edic R70	10.4	327.8	327.8	2279
2377 >E	Coopers Corners 345kV Voltage	Ravenswood 3	15.0	327.8	330.5	2468
2389 >E	St.Lawrence 230kV Voltage	Pre-Fault	41.2	NA	225	2389
2394 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	14.8	327.8	329.4	2682
2400 >E	Somerset 345kV Voltage	SBK Marcy R3108	26.1	327.8	348.6	1757
2402 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	15.5	327.8	333.0	2372
2405 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	15.3	327.8	328.7	2231
2413 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	15.4	327.8	328.2	2377
2416 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	15.5	327.8	328.0	2385
2418 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	15.5	327.8	327.9	2409
2433 >E	Coopers Corners 345kV Voltage	Volney-Marcy	15.8	327.8	326.9	2340
2433 >E	Somerset 345kV Voltage	Ph2 DC 1500	18.6	327.8	335.1	2714
2455 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	16.0	327.8	330.0	2418
2457 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	17.5	327.8	329.8	1756
2461 >E	New Scotland 345kV Voltage Alps	Marcy South N.	15.8	327.8	338.2	3221
2461 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	15.8	327.8	338.2	3221
2463 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	16.8	327.8	329.5	2454
2464 >E	Somerset 345kV Voltage	Marcy South N.	18.0	327.8	333.7	3224
2469 >E	Gordon Rd 345kV Voltage	Ravenswood 3	17.0	327.8	329.2	2557
2469 >E	Coopers Corners 345kV Voltage	SBK Edic R70	16.7	327.8	324.5	2374
2502 >E	Ramapo 500kV Voltage	Ravenswood 3	81.8	500	505.4	2589
2503 >E	Gordon Rd 345kV Voltage	SBK Edic R70	19.2	327.8	327.2	2406
2504 >E	Gordon Rd 345kV Voltage	Volney-Marcy	17.6	327.8	327.2	2406
2516 >E	St.Lawrence 230kV Voltage	SBK Edic R70	31.7	218.5	221.9	2418
2526 >E	Ramapo 345kV Voltage	Pre-Fault	72.7	NA	346	2526
2532 >E	New Scotland 345kV Voltage Alps	Marcy South S.	18.4	327.8	334.9	3088

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2532 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	18.4	327.8	334.9	3088
2541 >E	Somerset 345kV Voltage	Ravenswood 3	21.5	327.8	330.4	2627
2546 >E	Somerset 345kV Voltage	Volney-Marcy	21.2	327.8	330.2	2445
2560 >E	Leeds 345kV Voltage	Pre-Fault	39.8	NA	345	2560
2564 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	18.8	327.8	333.4	2820
2564 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	18.8	327.8	333.4	2820
2565 >E	Somerset 345kV Voltage	SBK Edic R945	21.3	327.8	329.4	1856
2565 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	21.3	327.8	329.4	1856
2584 >E	Gilboa 345kV Voltage	Marcy South S.	19.4	327.8	333.7	3146
2587 >E	Somerset 345kV Voltage	SBK Edic R70	23.6	327.8	328.4	2486
2589 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	38.8	218.5	220.1	2840
2598 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	22.8	327.8	327.9	1838
2600 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	22.9	327.8	327.8	2591
2601 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	22.9	327.8	327.8	2566
2601 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	22.9	327.8	327.8	2561
2602 >E	Somerset 345kV Voltage	SBK Princetown 345	22.9	327.8	327.7	2406
2602 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	18.8	327.8	331.7	2563
2602 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	18.8	327.8	331.7	2563
2615 >E	Roseton 345kV Voltage	Pre-Fault	56.9	NA	345	2615
2630 >E	St.Lawrence 230kV Voltage	Volney-Marcy	40.1	218.5	219.1	2523
2634 >E	St.Lawrence 230kV Voltage	Ravenswood 3	40.6	218.5	219.0	2717
2642 >E	Somerset 345kV Voltage	Marcy South S.	24.2	327.8	326.0	3212
2651 >E	St.Lawrence 230kV Voltage	Marcy South N.	39.9	218.5	218.6	3426
2657 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	41.3	218.5	218.5	2647
2657 >E	Gilboa 345kV Voltage	Marcy South N.	20.6	327.8	330.4	3433
2658 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	21.1	327.8	329.0	2740
2658 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	21.1	327.8	329.0	2740
2658 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	41.3	218.5	218.5	2623
2658 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	41.3	218.5	218.5	2618
2663 >E	Gilboa 345kV Voltage	Ph2 DC 1500	21.1	327.8	330.2	2900
2665 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	41.6	218.5	218.3	2462
2667 >E	Ladentown 345kV Voltage	Pre-Fault	80.6	NA	346	2667
2674 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	41.6	218.5	218.1	1923
2674 >E	St.Lawrence 230kV Voltage	SBK Edic R945	41.6	218.5	218.1	1923
2686 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	21.3	327.8	329.1	2645
2688 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	21.6	327.8	327.6	2678
2688 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	21.6	327.8	327.6	2678
2691 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	42.9	218.5	217.7	1892
2698 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr	21.9	327.8	327.2	2662

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2698 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	21.9	327.8	327.2	2662
2699 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	21.7	327.8	327.1	2587
2699 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	21.7	327.8	327.1	2587
2700 >E	St.Lawrence 230kV Voltage	Marcy South S.	43.3	218.5	217.4	3277
2703 >E	Gilboa 345kV Voltage	Ravenswood 3	22.0	327.8	328.4	2784
2706 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	22.1	327.8	328.2	1943
2706 >E	Gilboa 345kV Voltage	SBK Edic R945	22.1	327.8	328.2	1943
2707 >E	Coopers Corners 345kV Voltage	Marcy South N.	23.5	327.8	309.2	3487
2714 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	22.5	327.8	327.9	1906
2716 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	22.2	327.8	327.8	2706
2718 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	22.3	327.8	327.7	2681
2719 >E	Gilboa 345kV Voltage	Volney-Marcy	22.2	327.8	327.7	2605
2722 >E	Gilboa 345kV Voltage	SBK Edic R70	22.5	327.8	327.5	2615
2725 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	31.4	327.8	337.1	1944
2726 >E	Ramapo 500kV Voltage	Ph2 DC 1500	122.2	500	503.4	2951
2736 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	23.4	327.8	325.4	2628
2736 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	23.4	327.8	325.4	2628
2738 >E	Gilboa 345kV Voltage	SBK Princetown 345	22.6	327.8	326.8	2526
2769 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	23.9	327.8	323.8	1982
2769 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	23.9	327.8	323.8	1982
2769 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	23.9	327.8	323.8	1982
2769 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	23.9	327.8	323.8	1982
2798 >E	Dunwoodie 345kV Voltage	Ravenswood 3	60.5	327.8	336.6	2875
2802 >E	Sprain Brook 345kV Voltage	Ravenswood 3	60.3	327.8	336.6	2879
2807 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	24.0	327.8	322.1	2588
2807 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	24.0	327.8	322.1	2588
2810 >E	Gilboa 345kV Voltage	SBK Marcy R3108	31.9	327.8	349.5	1993
2814 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	25.7	327.8	321.8	1964
2814 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	25.7	327.8	321.8	1964
2841 >E	Rock Tavern 345kV Voltage	Ravenswood 3	35.1	327.8	332.6	2917
2887 >E	Gordon Rd 345kV Voltage	SBK Edic R945	28.6	327.8	305.0	2055
2887 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	28.6	327.8	305.0	2055
2908 >E	Millwood 345kV Voltage	Ravenswood 3	54.3	327.8	336.6	2982
2938 >E	Buchanan North 345kV Voltage	Ravenswood 3	56.4	327.8	336.3	3011
2947 >E	Bowline 1 345kV Voltage	Pre-Fault	88.3	NA	345	2947
2963 >E	Ramapo 500kV Voltage	SBK Marcy R3108	121.8	500	505.6	2081
2969 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	105.5	500	501.2	2106
2969 >E	Ramapo 500kV Voltage	SBK Edic R945	105.5	500	501.2	2106

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2970 >E	Gardenville 230kV Voltage	Pre-Fault	59.0	NA	217	2970
2973 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	38.0	327.8	329.2	2108
2973 >E	Rock Tavern 345kV Voltage	SBK Edic R945	38.0	327.8	329.2	2108
2974 >E	Niagara 230kV East Voltage	SBK Marcy R3108	88.5	218.5	230.5	2088
2974 >E	Niagara 230kV West Voltage	SBK Marcy R3108	88.5	218.5	230.5	2088
2974 >E	Bowline 2 345kV Voltage	Pre-Fault	88.1	NA	345	2974
3001 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	37.6	327.8	328.5	3175
3009 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	39.5	327.8	328.2	2078
3013 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	38.5	327.8	328.1	2966
3019 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	112.1	500	500.7	2084
3019 >E	Buchanan South 345kV Voltage	Ravenswood 3	54.2	327.8	337.2	3090
3024 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	38.9	327.8	327.9	2982
3024 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	39.0	327.8	327.9	2781
3026 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	38.9	327.8	327.8	3014
3053 >E	Leeds 345kV Voltage	Marcy South S.	34.6	327.8	332.6	3675
3064 >E	Rock Tavern 345kV Voltage	Volney-Marcy	40.0	327.8	326.8	2926
3070 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	107.9	500	500.2	3022
3079 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	38.7	327.8	345.1	2148
3079 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	38.7	327.8	345.1	2148
3093 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	109.8	500	500.0	3049
3094 >E	Ramapo 500kV Voltage	SBK Princetown 345	111.2	500	500.0	2843
3095 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	109.8	500	500.0	3083
3096 >E	Gardenville 230kV Voltage	Marcy South N.	42.8	207	214.9	3909
3097 >E	Ramapo 500kV Voltage	Pre-Fault	109.8	NA	500	3097
3100 >E	Ramapo 500kV Voltage	Volney-Marcy	112.4	500	500.0	2960
3102 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	47.2	327.8	332.4	3169
3121 >E	Rock Tavern 345kV Voltage	SBK Edic R70	41.7	327.8	325.4	2994
3171 >E	Leeds 345kV Voltage	Marcy South N.	37.3	327.8	329.6	3990
3175 >E	Gardenville 230kV Voltage	Ph2 DC 1500	45.5	207	213.5	3316
3192 >E	Ramapo 500kV Voltage	SBK Edic R70	121.4	500	499.1	3062
3209 >E	Pleasant Valley 345kV Voltage	Marcy South S.	51.2	327.8	330.3	3851
3221 >E	Niagara 345kV Voltage	SBK Marcy R3108	48.3	327.8	354.2	2229
3227 >E	Ramapo 345kV Voltage	Ravenswood 3	55.1	327.8	336.4	3290
3244 >E	Leeds 345kV Voltage	SBK Edic R945	39.8	327.8	327.8	2276
3244 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	39.8	327.8	327.8	2276
3244 >E	Leeds 345kV Voltage	SBK Edic R70	39.8	327.8	327.8	3112
3244 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	39.8	327.8	327.8	3231
3244 >E	Leeds 345kV Voltage	Ph2 DC 1500	39.8	327.8	327.8	3372
3244 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	39.8	327.8	327.8	3192

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3244 >E	Leeds 345kV Voltage	Volney-Marcy	39.8	327.8	327.8	3093
3244 >E	Leeds 345kV Voltage	SBK Princetown 345	39.8	327.8	327.8	2977
3244 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	39.8	327.8	327.8	3198
3244 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	39.8	327.8	327.8	2215
3244 >E	Leeds 345kV Voltage	Ravenswood 3	39.8	327.8	327.8	3307
3256 >E	Ladentown 345kV Voltage	Ravenswood 3	54.4	327.8	338.7	3319
3279 >E	Pleasant Valley 345kV Voltage	Marcy South N.	50.8	327.8	328.9	4107
3290 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	50.0	327.8	328.7	3238
3308 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	48.6	327.8	328.4	3424
3329 >E	Roseton 345kV Voltage	Ravenswood 3	51.4	327.8	332.5	3389
3337 >E	Bowline 1 345kV Voltage	Ravenswood 3	54.1	327.8	340.6	3396
3342 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	51.9	327.8	327.7	3328
3350 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	52.2	327.8	327.6	3301
3357 >E	Gardenville 230kV Voltage	Volney-Marcy	51.6	207	210.4	3198
3362 >E	Bowline 2 345kV Voltage	Ravenswood 3	54.1	327.8	340.6	3421
3371 >E	Gardenville 230kV Voltage	Ravenswood 3	52.3	207	210.2	3430
3374 >E	Gardenville 230kV Voltage	SBK Edic R945	52.3	207	210.1	2357
3374 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	52.3	207	210.1	2357
3384 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	53.1	327.8	326.9	3223
3407 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	54.1	327.8	326.5	3267
3415 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	54.1	327.8	326.3	3129
3447 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	69.6	327.8	329.6	3538
3451 >E	Gardenville 230kV Voltage	SBK Edic R70	56.1	207	208.8	3309
3454 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	55.6	207	208.8	2338
3456 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	55.1	327.8	325.5	2407
3456 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	55.1	327.8	325.5	2407
3460 >E	Ramapo 500kV Voltage	Marcy South N.	153.4	500	496.7	4303
3460 >E	Niagara 345kV Voltage	Ph2 DC 1500	51.2	327.8	340.6	3548
3477 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	79.5	327.8	328.2	3421
3482 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	79.4	327.8	328.2	3426
3486 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	75.7	327.8	328.2	3569
3486 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	75.9	327.8	328.1	3569
3494 >E	Millwood 345kV Voltage	Ph2 DC 1500	66.7	327.8	328.4	3576
3500 >E	Gardenville 230kV Voltage	SBK Marcy R3108	67.0	207	229.0	2390
3501 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	69.8	327.8	328.3	3444
3510 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	57.2	327.8	324.5	2371
3513 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	81.5	327.8	327.8	3498
3518 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	81.4	327.8	327.8	3504
3519 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr	81.8	327.8	327.7	3467

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Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3524 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	81.7	327.8	327.7	3473
3532 >E	Niagara 345kV Voltage	Marcy South N.	50.4	327.8	339.7	4382
3536 >E	Gardenville 230kV Voltage	SBK Princetown 345	58.3	207	207.4	3237
3540 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	71.6	327.8	327.8	3526
3546 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	71.9	327.8	327.7	3494
3550 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	74.2	327.8	328.2	3493
3555 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	58.9	207	207.1	3497
3556 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	58.9	207	207.1	3504
3559 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	59.0	207	207.0	3544
3562 >E	Roseton 345kV Voltage	Ph2 DC 1500	54.6	327.8	328.4	3631
3567 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	56.0	327.8	328.3	3510
3574 >E	Rock Tavern 345kV Voltage	Marcy South N.	56.6	327.8	313.7	4427
3576 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	84.1	327.8	327.0	3272
3578 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	76.2	327.8	327.8	2483
3578 >E	Buchanan North 345kV Voltage	SBK Edic R945	76.2	327.8	327.8	2483
3578 >E	Dunwoodie 345kV Voltage	Volney-Marcy	84.1	327.8	327.0	3403
3581 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	84.0	327.8	327.0	3276
3582 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	75.7	327.8	327.8	3567
3583 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	75.8	327.8	327.8	3531
3583 >E	Sprain Brook 345kV Voltage	Volney-Marcy	84.0	327.8	327.0	3408
3596 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	57.0	327.8	327.8	3581
3597 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	84.8	327.8	326.7	2495
3597 >E	Dunwoodie 345kV Voltage	SBK Edic R945	84.8	327.8	326.7	2495
3599 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	57.1	327.8	327.7	3546
3599 >E	Sprain Brook 345kV Voltage	SBK Edic R945	84.6	327.8	326.8	2496
3599 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	84.7	327.8	326.8	2496
3602 >E	Millwood 345kV Voltage	Volney-Marcy	73.9	327.8	326.9	3426
3603 >E	Millwood 345kV Voltage	SBK Princetown 345	74.0	327.8	326.9	3296
3610 >E	Dunwoodie 345kV Voltage	SBK Edic R70	85.6	327.8	326.6	3461
3615 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	74.3	327.8	326.7	2506
3615 >E	Millwood 345kV Voltage	SBK Edic R945	74.3	327.8	326.7	2506
3616 >E	Sprain Brook 345kV Voltage	SBK Edic R70	85.5	327.8	326.6	3466
3616 >E	Buchanan North 345kV Voltage	SBK Princetown 345	77.2	327.8	327.3	3308
3626 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	68.6	327.8	329.1	3683
3626 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	58.0	327.8	327.2	2513

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3626 >E	Roseton 345kV Voltage	SBK Edic R945	58.0	327.8	327.2	2513
3629 >E	Gardenville 230kV Voltage	Marcy South S.	62.5	207	205.8	4324
3634 >E	Roseton 345kV Voltage	SBK Princetown 345	58.1	327.8	327.1	3323
3636 >E	Buchanan North 345kV Voltage	Volney-Marcy	77.8	327.8	327.1	3457
3639 >E	Millwood 345kV Voltage	SBK Edic R70	75.4	327.8	326.4	3488
3645 >E	Roseton 345kV Voltage	Volney-Marcy	58.4	327.8	326.9	3466
3657 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	80.1	327.8	326.8	2456
3671 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	88.7	327.8	325.8	2464
3671 >E	Niagara 345kV Voltage	Pre-Fault	81.7	NA	338	3671
3674 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	88.6	327.8	325.8	2466
3681 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	72.6	327.8	328.3	3621
3681 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	60.0	327.8	326.3	2470
3690 >E	Roseton 345kV Voltage	SBK Edic R70	59.8	327.8	326.1	3536
3694 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	77.9	327.8	325.6	2478
3698 >E	Buchanan North 345kV Voltage	SBK Edic R70	80.3	327.8	326.2	3544
3719 >E	Ramapo 345kV Voltage	Ph2 DC 1500	68.3	327.8	329.6	3759
3721 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	74.3	327.8	327.8	3706
3726 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	74.5	327.8	327.7	3671
3762 >E	Buchanan South 345kV Voltage	SBK Edic R945	75.8	327.8	327.2	2597
3762 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	75.8	327.8	327.2	2597
3765 >E	Dunwoodie 345kV Voltage	Marcy South N.	94.3	327.8	324.7	4633
3776 >E	Sprain Brook 345kV Voltage	Marcy South N.	94.5	327.8	324.6	4646
3777 >E	Marcy 345kV Voltage	SBK Marcy R3108	31.5	327.8	298.7	2550
3779 >E	Buchanan South 345kV Voltage	SBK Princetown 345	76.5	327.8	327.0	3453
3779 >E	Millwood 345kV Voltage	Marcy South N.	82.5	327.8	324.4	4649
3786 >E	Buchanan South 345kV Voltage	Volney-Marcy	76.6	327.8	326.9	3596
3820 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	71.6	327.8	328.2	3757
3824 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	72.7	327.8	328.2	2635
3824 >E	Ramapo 345kV Voltage	SBK Edic R945	72.7	327.8	328.2	2635
3836 >E	Buchanan South 345kV Voltage	SBK Edic R70	78.5	327.8	326.2	3676
3845 >E	Roseton 345kV Voltage	Marcy South N.	65.5	327.8	323.4	4721
3850 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	72.7	327.8	327.8	3792
3850 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	72.7	327.8	327.8	3834
3856 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	79.9	327.8	326.0	2573
3876 >E	Ramapo 345kV Voltage	SBK Princetown 345	73.8	327.8	327.4	3539
3905 >E	Dunwoodie 345kV Voltage	Marcy South S.	105.4	327.8	322.9	4634
3913 >E	Ramapo 345kV Voltage	Volney-Marcy	74.8	327.8	326.9	3714
3923 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	76.8	327.8	326.8	2612
3929 >E	Sprain Brook 345kV Voltage	Marcy South S.	106.1	327.8	322.7	4661

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3933 >E	Millwood 345kV Voltage	Marcy South S.	92.9	327.8	322.3	4666
3955 >E	Ladentown 345kV Voltage	Ph2 DC 1500	74.1	327.8	330.0	3951
3993 >E	Niagara 345kV Voltage	Ravenswood 3	66.7	327.8	334.1	4032
3996 >E	Ramapo 345kV Voltage	SBK Edic R70	77.6	327.8	325.8	3828
4015 >E	Niagara 345kV Voltage	Volney-Marcy	65.9	327.8	333.8	3810
4090 >E	Ladentown 345kV Voltage	SBK Edic R945	79.5	327.8	328.3	2800
4090 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	79.6	327.8	328.3	2800
4096 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	79.2	327.8	328.3	4028
4101 >E	Buchanan South 345kV Voltage	Marcy South N.	89.8	327.8	322.7	4998
4115 >E	Roseton 345kV Voltage	Marcy South S.	77.7	327.8	318.6	4871
4129 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	160.3	218.5	231.9	2752
4135 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	80.7	327.8	327.8	4118
4136 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	80.7	327.8	327.8	4073
4138 >E	Buchanan North 345kV Voltage	Marcy South N.	99.6	327.8	320.4	5038
4150 >E	Niagara 345kV Voltage	SBK Edic R945	69.6	327.8	332.1	2837
4150 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	69.6	327.8	332.1	2837
4177 >E	Ladentown 345kV Voltage	SBK Princetown 345	82.2	327.8	327.3	3807
4206 >E	Ladentown 345kV Voltage	Volney-Marcy	82.9	327.8	326.9	3987
4206 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	79.1	327.8	330.7	4155
4227 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	84.9	327.8	326.6	2789
4283 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	80.9	327.8	330.1	4217
4291 >E	Ladentown 345kV Voltage	SBK Edic R70	85.8	327.8	325.9	4109
4333 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	84.0	327.8	329.3	2951
4333 >E	Bowline 1 345kV Voltage	SBK Edic R945	84.0	327.8	329.3	2951
4351 >E	Niagara 345kV Voltage	SBK Edic R70	78.8	327.8	329.7	4166
4423 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	78.9	327.8	328.8	2904
4423 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	86.8	327.8	328.3	4350
4444 >E	Bowline 2 345kV Voltage	SBK Edic R945	87.0	327.8	328.3	3020
4445 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	86.6	327.8	328.3	4371
4445 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	87.1	327.8	328.3	3020
4468 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	88.4	327.8	327.8	4449
4470 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	88.5	327.8	327.8	4401
4480 >E	Buchanan South 345kV Voltage	Marcy South S.	108.6	327.8	317.6	5282
4491 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	88.1	327.8	327.8	4472
4492 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	88.2	327.8	327.8	4423
4505 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	81.7	327.8	327.8	4486
4505 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	81.7	327.8	327.8	4430
4505 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr	81.7	327.8	327.8	4435

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
4508 >E	Niagara 345kV Voltage	SBK Princetown 345	81.7	327.8	327.8	4101
4517 >E	Bowline 1 345kV Voltage	SBK Princetown 345	90.1	327.8	327.2	4109
4541 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	91.6	327.8	327.0	2973
4541 >E	Bowline 2 345kV Voltage	SBK Princetown 345	89.9	327.8	327.2	4130
4550 >E	Bowline 1 345kV Voltage	Volney-Marcy	90.9	327.8	326.9	4306
4572 >E	Bowline 2 345kV Voltage	Volney-Marcy	90.7	327.8	326.9	4327
4606 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	92.9	327.8	326.5	3011
4646 >E	Bowline 1 345kV Voltage	SBK Edic R70	94.0	327.8	325.8	4447
4670 >E	Bowline 2 345kV Voltage	SBK Edic R70	93.8	327.8	325.7	4470
4724 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	105.0	327.8	336.2	3094
4740 >E	Ramapo 345kV Voltage	Marcy South N.	104.9	327.8	315.5	5690
4982 >E	Ladentown 345kV Voltage	Marcy South N.	110.6	327.8	317.3	5953
5003 >E	Niagara 345kV Voltage	Marcy South S.	97.4	327.8	321.7	5871
5022 >E	Buchanan North 345kV Voltage	Marcy South S.	141.9	327.8	308.7	5892
5122 >E	Ramapo 500kV Voltage	Marcy South S.	365.8	500	481.6	6005
5253 >E	Rainey 345kV Voltage	Ravenswood 3	149.7	327.8	343.0	5251
5422 >E	Rock Tavern 345kV Voltage	Marcy South S.	123.4	327.8	266.3	6343
5432 >E	Farragut 345kV Voltage	Ravenswood 3	157.8	327.8	342.2	5424
5472 >E	Bowline 1 345kV Voltage	Marcy South N.	122.3	327.8	316.4	6483
5493 >E	Bowline 2 345kV Voltage	Marcy South N.	121.6	327.8	316.4	6506
6326 >E	Coopers Corners 345kV Voltage	Marcy South S.	142.5	327.8	75.9	7360
6456 >E	Ladentown 345kV Voltage	Marcy South S.	166.3	327.8	299.0	7506
6598 >E	Rainey 345kV Voltage	Pre-Fault	270.6	NA	338	6598
6617 >E	Farragut 345kV Voltage	Pre-Fault	281.0	NA	338	6617
6690 >E	Ramapo 345kV Voltage	Marcy South S.	180.2	327.8	288.7	7770
6748 >E	Watercure 230kV Voltage	Marcy South N.	220.7	207	283.7	7867
6779 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	226.6	327.8	332.4	4276
6847 >E	Goethals 345kV Voltage	Ravenswood 3	214.1	327.8	341.2	6793
7031 >E	Ramapo 345kV Voltage	SBK Marcy R3108	198.3	327.8	334.9	4422
7036 >E	Leeds 345kV Voltage	SBK Marcy R3108	166.8	327.8	327.8	4424
7209 >E	Bowline 1 345kV Voltage	Marcy South S.	184.6	327.8	296.7	8355
7237 >E	Bowline 2 345kV Voltage	Marcy South S.	183.4	327.8	296.6	8387
7865 >E	Roseton 345kV Voltage	SBK Marcy R3108	209.9	327.8	333.8	4901
8067 >E	Goethals 345kV Voltage	Pre-Fault	380.5	NA	338	8067
8292 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	243.6	327.8	331.9	5147
8329 >E	Ladentown 345kV Voltage	SBK Marcy R3108	238.8	327.8	334.4	5168
8746 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	286.9	327.8	331.4	5408
9085 >E	Rainey 345kV Voltage	Ph2 DC 1500	258.0	327.8	328.8	8120
9187 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	264.3	327.8	328.4	9024
9215 >E	Farragut 345kV Voltage	Ph2 DC 1500	268.4	327.8	328.8	8226

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
9251 >E	Millwood 345kV Voltage	SBK Marcy R3108	329.2	327.8	329.6	5698
9316 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	274.6	327.8	328.4	9150
9373 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	271.1	327.8	327.7	9330
9380 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	264.0	327.8	334.7	5772
9403 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	272.2	327.8	327.6	9241
9433 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	262.8	327.8	334.8	5803
9502 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	281.7	327.8	327.7	9459
9534 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	282.8	327.8	327.6	9370
9665 >E	Rainey 345kV Voltage	SBK Princetown 345	281.3	327.8	326.7	8687
9678 >E	Rainey 345kV Voltage	Volney-Marcy	281.7	327.8	326.6	9070
9766 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	284.7	327.8	326.3	6315
9766 >E	Rainey 345kV Voltage	SBK Edic R945	284.7	327.8	326.3	6315
9795 >E	Farragut 345kV Voltage	SBK Princetown 345	292.1	327.8	326.7	8802
9808 >E	Farragut 345kV Voltage	Volney-Marcy	292.5	327.8	326.6	9191
9823 >E	Rainey 345kV Voltage	SBK Edic R70	286.8	327.8	326.1	9378
9892 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	406.8	327.8	327.9	6067
9901 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	295.8	327.8	326.3	6399
9901 >E	Farragut 345kV Voltage	SBK Edic R945	295.8	327.8	326.3	6399
9956 >E	Farragut 345kV Voltage	SBK Edic R70	297.8	327.8	326.1	9504
10056 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	416.7	327.8	327.7	6162
10159 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	299.1	327.8	324.8	6255
10305 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	310.9	327.8	324.9	6340
10725 >E	Rainey 345kV Voltage	Marcy South N.	320.2	327.8	322.8	12177
10885 >E	Farragut 345kV Voltage	Marcy South N.	333.0	327.8	322.8	12351
11634 >E	Goethals 345kV Voltage	Ph2 DC 1500	365.8	327.8	328.6	10192
11733 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	372.2	327.8	328.4	11521
11762 >E	Rainey 345kV Voltage	Marcy South S.	360.8	327.8	318.9	13482
11941 >E	Farragut 345kV Voltage	Marcy South S.	375.1	327.8	319.1	13683
11966 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	381.2	327.8	327.8	11910

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
12021 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	383.2	327.8	327.6	11811
12389 >E	Goethals 345kV Voltage	SBK Princetown 345	396.8	327.8	326.6	11109
12412 >E	Goethals 345kV Voltage	Volney-Marcy	397.5	327.8	326.6	11609
12557 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	402.8	327.8	326.2	8044
12557 >E	Goethals 345kV Voltage	SBK Edic R945	402.8	327.8	326.2	8044
12595 >E	Goethals 345kV Voltage	SBK Edic R70	404.3	327.8	326.1	12018
13092 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	423.1	327.8	324.8	7969
13909 >E	Goethals 345kV Voltage	Marcy South N.	454.7	327.8	322.6	15628
15308 >E	Goethals 345kV Voltage	Marcy South S.	510.8	327.8	319.0	17474
16925 >E	Northport 138kV Voltage	Pre-Fault	1679.2	NA	135	16925
17425 >E	Northport 138kV Voltage	Ravenswood 3	1229.2	131.1	134.7	17028
23019 >E	Northport 138kV Voltage	N.Scot-Leeds 345	1643.6	131.1	131.4	22596
23516 >E	Northport 138kV Voltage	Princetown-N.Scot 345	1682.5	131.1	131.1	23404
23517 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	1682.5	131.1	131.1	23093
24004 >E	Northport 138kV Voltage	SBK Princetown 345	1719.8	131.1	130.8	21438
24276 >E	Northport 138kV Voltage	Volney-Marcy	1740.9	131.1	130.6	22630
24416 >E	Northport 138kV Voltage	SBK Edic R70	1751.6	131.1	130.5	23277
25084 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1803.5	131.1	130.1	15802
25133 >E	Northport 138kV Voltage	SBK Edic R945	1807.3	131.1	130.1	15832
25567 >E	Northport 138kV Voltage	Marcy South N.	1842.4	131.1	129.9	28263
25826	Northport 138kV Voltage	Marcy South S.	1866.6	131.1	129.7	29318

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

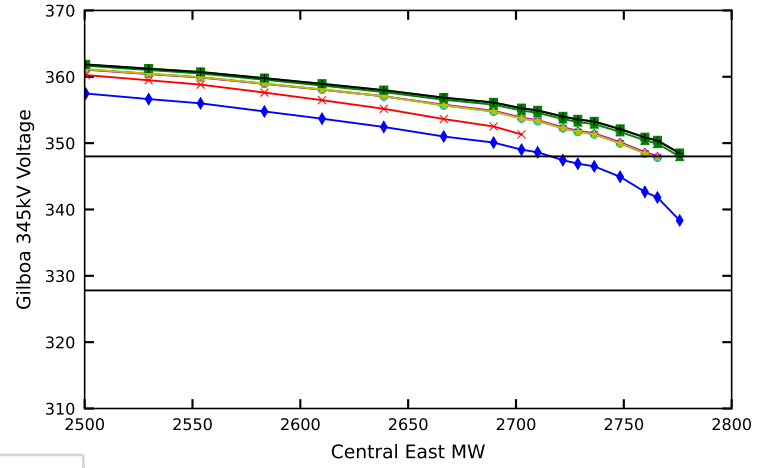
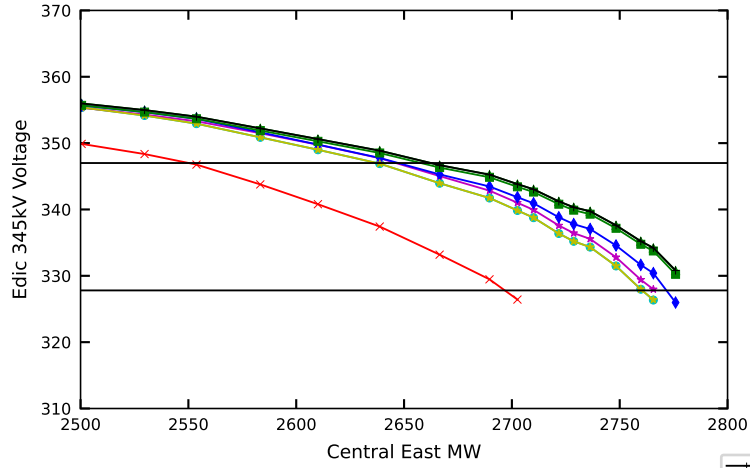
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1: 2023S CEVC PH2 CE2450 MS2270 DE1300 10 ALI

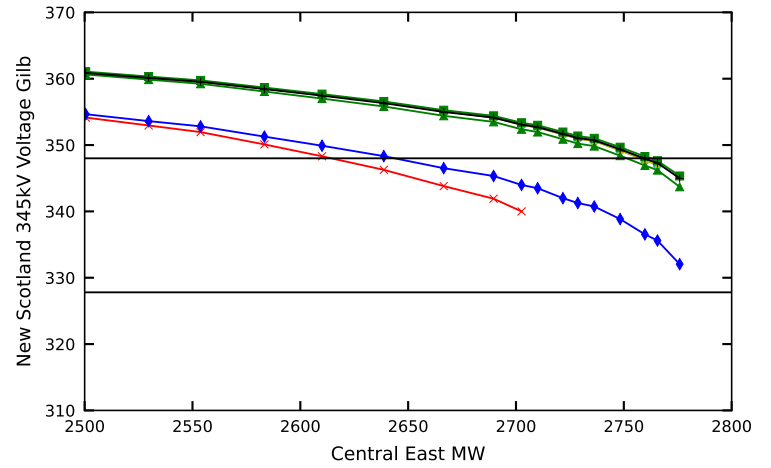
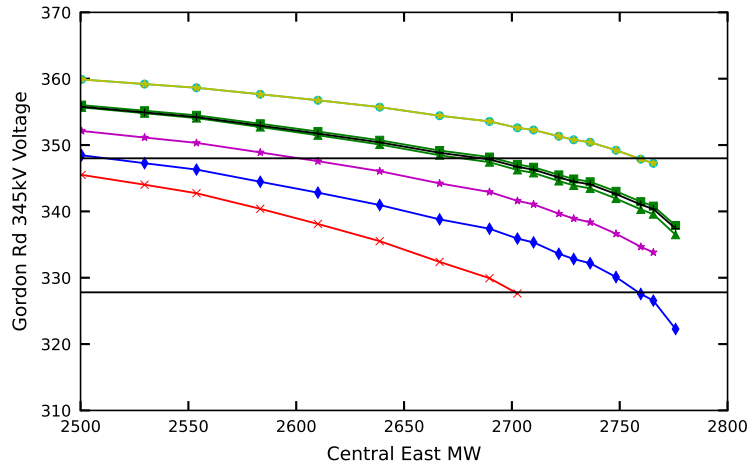
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
25841	Northport 138kV Voltage	Marcy-N.Scot99 345	1862.5	131.1	129.7	15416
>E						
30216	Northport 138kV Voltage	Ph2 DC 1500	2204.2	131.1	127.1	25294
>E						
35940	Rainey 345kV Voltage	SBK Marcy R3108	1236.9	327.8	329.9	21051
>E						
36315	Farragut 345kV Voltage	SBK Marcy R3108	1277.2	327.8	329.8	21267
>E						
49575	Goethals 345kV Voltage	SBK Marcy R3108	1806.5	327.8	330.3	28895
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	Edic-Gordon Rd. 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R945	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
>E						
99999	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

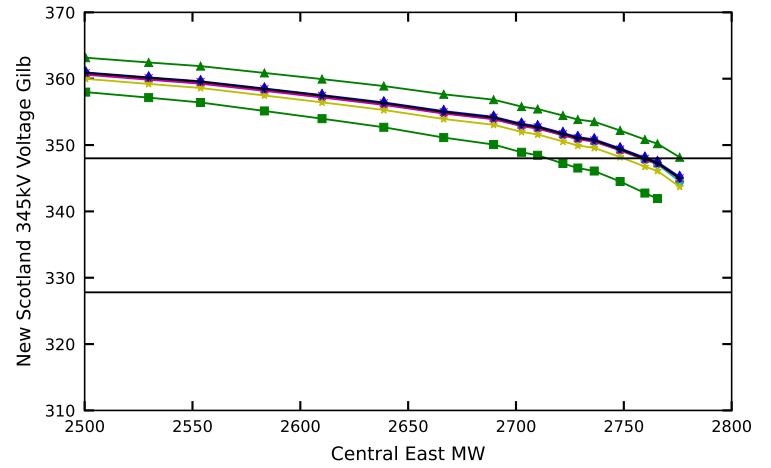
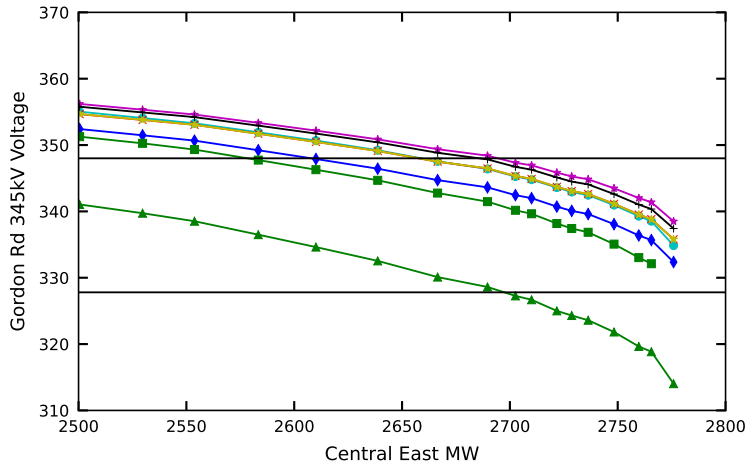
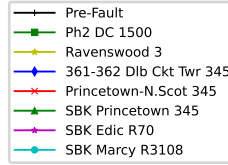
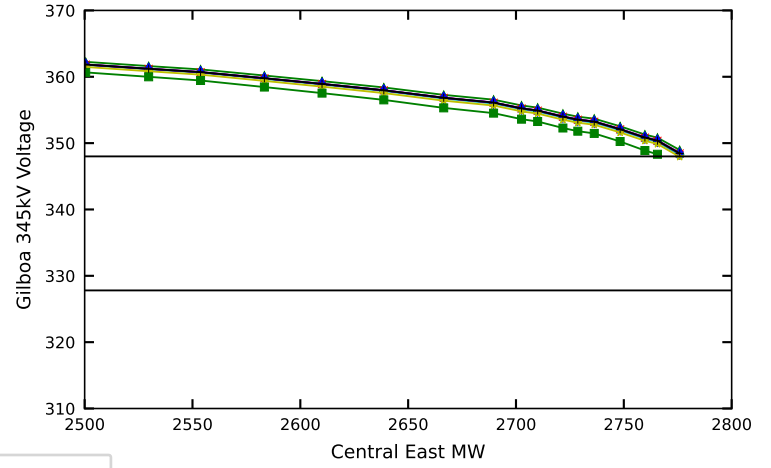
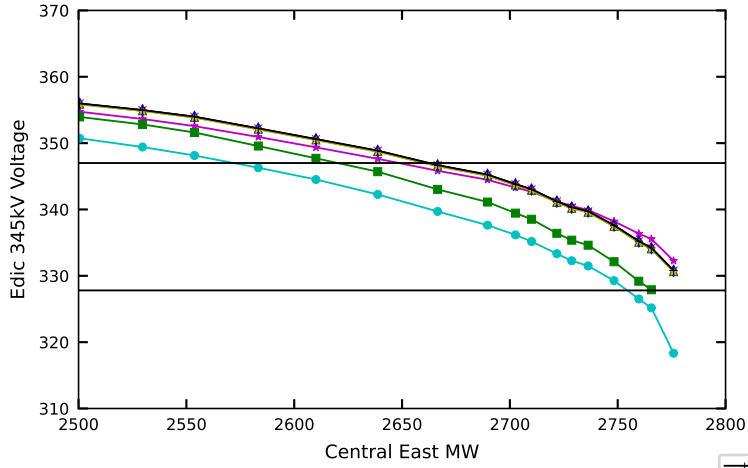
1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A Figure 1



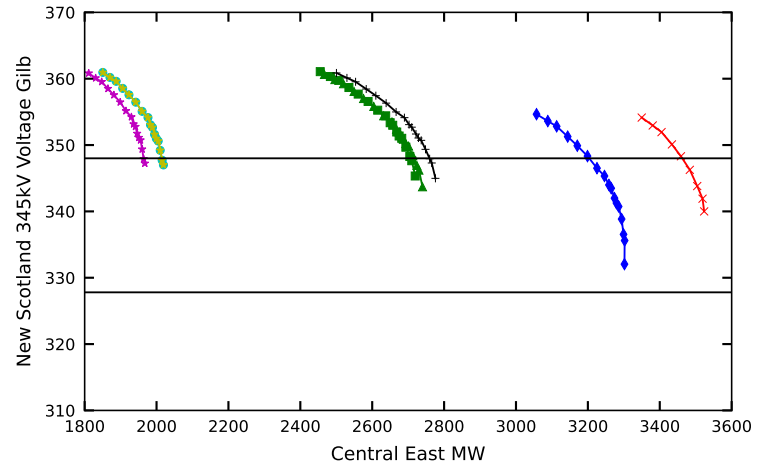
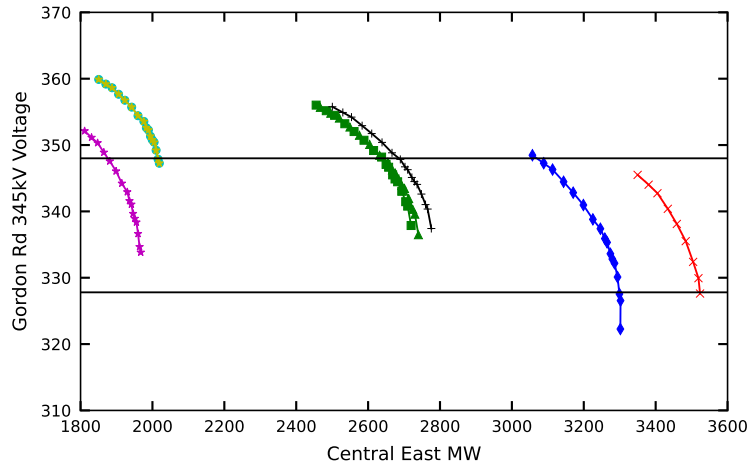
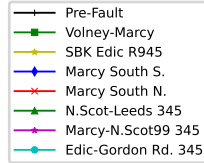
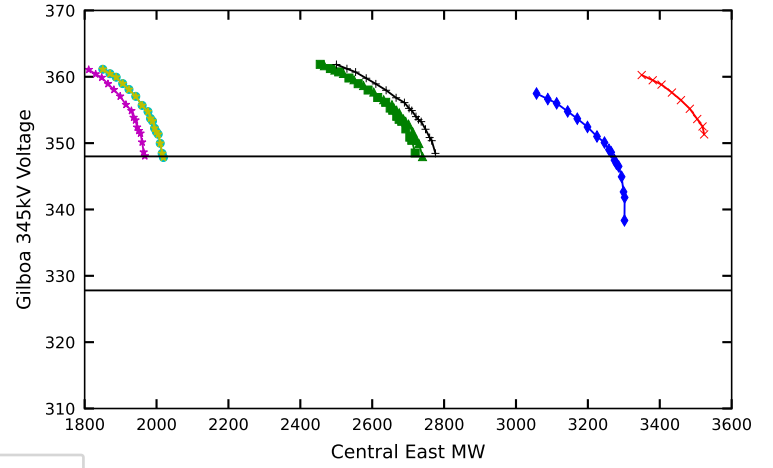
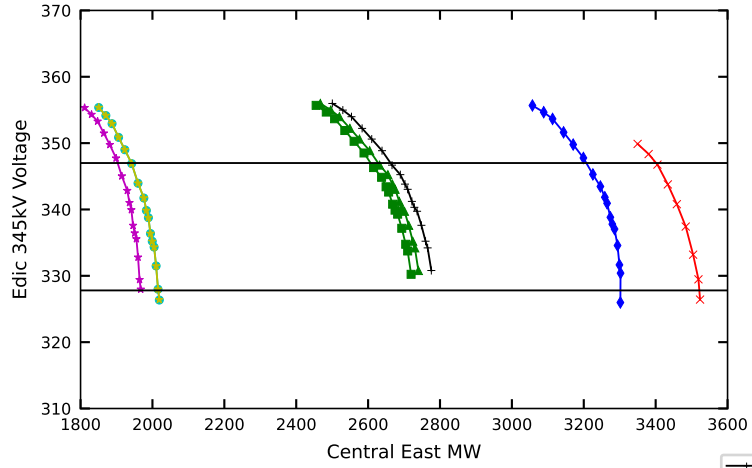
- +— Pre-Fault
- Volney-Marcy
- SBK Edic R945
- ◆— Marcy South S.
- x— Marcy South N.
- ▲— N.Scot-Leeds 345
- *— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



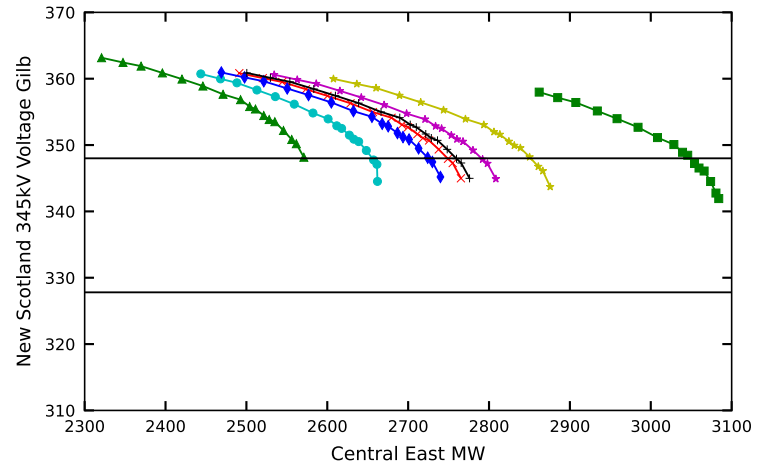
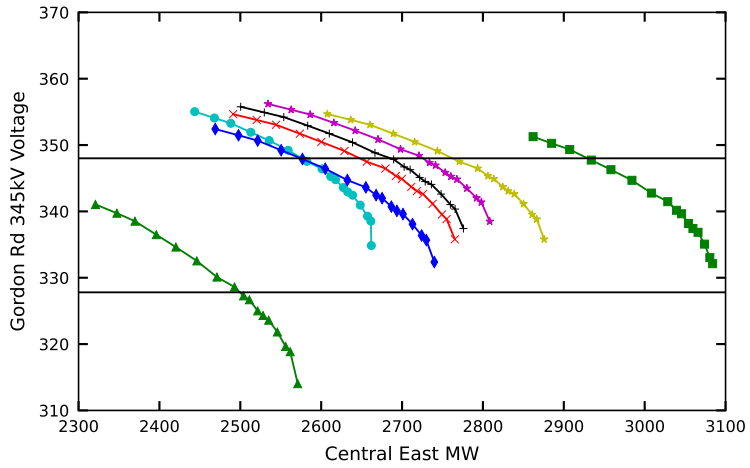
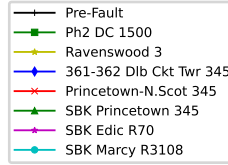
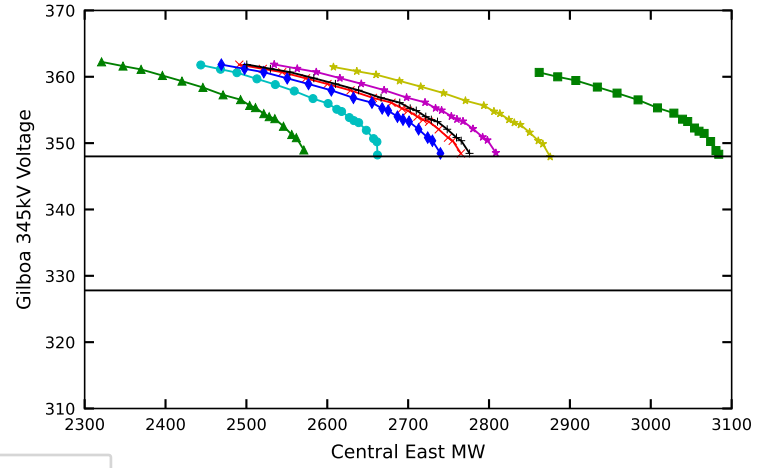
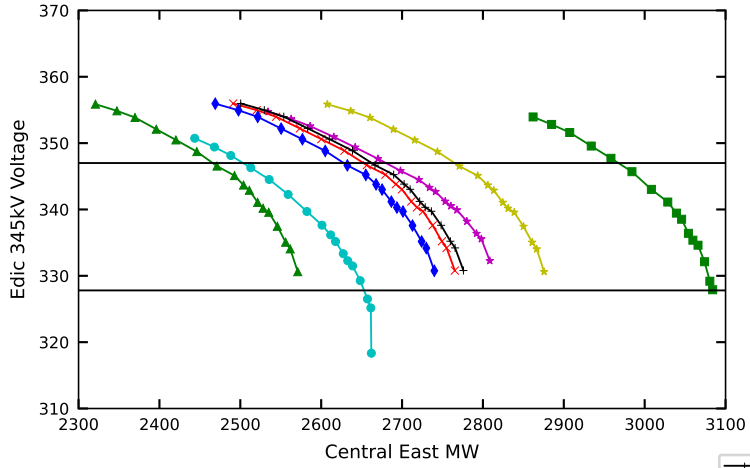
1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A Figure 2



1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A Figure 1



1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2500	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2529	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2553	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2583	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2610	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2638	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2666	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2689	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2702	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2710	t1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	0															
2721	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2728	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2736	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2748	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2759	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2765	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2775	t1	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	7															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\0A\Sum2023_CEVC_PH2_20_0A.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic- Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce02) Marcy- N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce03) N.Scot- Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce13) Volney- Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Prinetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Prinetown- N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\0A\Sum2023_CEVC_PH2_20_0A.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2435 <E	Dunwoodie 345kV Voltage	Pre-Fault	83.1	NA	348	2435
2444 <E	Sprain Brook 345kV Voltage	Pre-Fault	83.2	NA	348	2444
2567	limit with 5% margin	Marcy South N.	NA	NA	NA	3347
2627	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1918
2627	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1869
2627	limit with 5% margin	Marcy South S.	NA	NA	NA	3137
2627	limit with 5% margin	SBK Edic R945	NA	NA	NA	1918
2627	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2929
2637	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2602
2637	limit with 5% margin	Volney-Marcy	NA	NA	NA	2583
2637	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2528
2637	limit with 5% margin	SBK Edic R70	NA	NA	NA	2668
2637	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2442
2637	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2626
2637	limit with 5% margin	361-362 D1b Ckt Twr 345	NA	NA	NA	2602
2637	limit with 5% margin	Ravenswood 3	NA	NA	NA	2731
2650	Marcy 345kV Voltage	Pre-Fault	12.6	NA	348	2650
2662	Edic 345kV Voltage	Pre-Fault	12.7	NA	347	2662
2673	Millwood 345kV Voltage	Pre-Fault	82.3	NA	348	2673
2685	Gordon Rd 345kV Voltage	Pre-Fault	23.2	NA	348	2685
2696	Edic 345kV Voltage	Marcy South N.	4.2	327.8	344.5	3521
2697	Gordon Rd 345kV Voltage	SBK Princetown 345	9.6	327.8	347.2	2499
2698	Marcy 345kV Voltage	Marcy South N.	4.2	327.8	344.3	3522
2701	Gordon Rd 345kV Voltage	Marcy South N.	5.6	327.8	346.8	3523
2707	Station 80 345kV Voltage	Pre-Fault	7.6	NA	346	2707
2707	Pannell Road 345kV Voltage	Pre-Fault	8.7	NA	346	2707
2711 >E	Clay 345kV Voltage	Marcy South N.	5.1	327.8	345.5	3526
2714	Clay 345kV Voltage	Pre-Fault	8.3	NA	345	2714
2742	Buchanan North 345kV Voltage	Pre-Fault	32.5	NA	346	2742
2747 >E	Oakdale 345kV Voltage	Marcy South N.	5.3	320	344.7	3538
2754	Edic 345kV Voltage	SBK Marcy R3108	4.2	327.8	336.3	2653
2758	Gordon Rd 345kV Voltage	Marcy South S.	4.5	327.8	341.2	3298
2759	Marcy 345kV Voltage	SBK Edic R945	3.3	327.8	335.3	2015
2759	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	335.3	2015
2759	New Scotland 345kV Voltage Alps	Pre-Fault	8.1	NA	348	2759
2759	New Scotland 345kV Voltage Gilb	Pre-Fault	8.1	NA	348	2759
2760	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	335.1	2015
2760	Edic 345kV Voltage	SBK Edic R945	3.7	327.8	335.1	2015
2765	Pleasant Valley 345kV Voltage	Pre-Fault	9.6	NA	348	2765
2766 >E	Edic 345kV Voltage	Ph2 DC 1500	4.5	327.8	334.1	3084

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\0A\Sum2023_CEVC_PH2_20_0A.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2766 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	334.1	1967
2767 >E	Marcy 345kV Voltage	Ph2 DC 1500	4.5	327.8	334.0	3084
2767 >E	Pannell Road 345kV Voltage	Marcy South N.	8.0	327.8	343.0	3546
2768	Clay 345kV Voltage	SBK Marcy R3108	1.4	327.8	337.4	2661
2769 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	333.5	1969
2777 >E	Edic 345kV Voltage	Marcy South S.	4.7	327.8	332.1	3308
2778 >E	Rock Tavern 345kV Voltage	Pre-Fault	8.1	NA	348	2778
2778 >E	Gilboa 345kV Voltage	Pre-Fault	5.4	NA	348	2778
2778 >E	Oakdale 345kV Voltage	Pre-Fault	2.7	NA	335	2778
2778 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.9	327.8	336.1	2027
2779 >E	Marcy 345kV Voltage	Marcy South S.	4.7	327.8	331.8	3309
2779 >E	Clay 345kV Voltage	SBK Edic R945	4.0	327.8	336.0	2027
2779 >E	Buchanan South 345kV Voltage	Pre-Fault	12.8	NA	346	2779
2783 >E	Edic 345kV Voltage	Volney-Marcy	2.9	327.8	328.4	2726
2784 >E	Edic 345kV Voltage	SBK Princetown 345	3.0	327.8	328.0	2578
2784 >E	Marcy 345kV Voltage	Volney-Marcy	2.9	327.8	328.0	2727
2784 >E	Edic 345kV Voltage	Ravenswood 3	3.0	327.8	328.0	2883
2784 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.0	327.8	327.8	2748
2784 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	327.8	2748
2784 >E	Marcy 345kV Voltage	SBK Marcy R3108	3.0	327.8	327.8	2662
2784 >E	Marcy 345kV Voltage	SBK Edic R70	3.0	327.8	327.8	2817
2784 >E	Marcy 345kV Voltage	SBK Princetown 345	3.0	327.8	327.8	2579
2784 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	3.0	327.8	327.8	2774
2784 >E	Marcy 345kV Voltage	Ravenswood 3	3.0	327.8	327.8	2883
2784 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.0	327.8	327.8	2748
2784 >E	Edic 345kV Voltage	Princetown-N.Scot 345	3.0	327.8	327.8	2774
2784 >E	Edic 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	327.8	2748
2785 >E	New Scotland 345kV Voltage Alps	Marcy South N.	6.8	327.8	346.4	3552
2785 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	6.8	327.8	346.4	3552
2785 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.3	327.8	334.9	1978
2786 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	2.4	327.8	337.3	2662
2787 >E	Fraser 345kV Voltage	Pre-Fault	3.3	NA	338	2787
2789 >E	Edic 345kV Voltage	SBK Edic R70	3.1	327.8	326.2	2822
2790 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	3.1	327.8	333.4	2753
2791 >E	Station 80 345kV Voltage	Marcy South N.	8.8	327.8	341.6	3554
2791 >E	Oakdale 345kV Voltage	SBK Marcy R3108	1.8	320	330.2	2662
2791 >E	Clay 345kV Voltage	Volney-Marcy	3.4	327.8	331.3	2733
2792 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	6.3	327.8	337.2	3100

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2793 >E	Coopers Corners 345kV Voltage	Pre-Fault	4.5	NA	338	2793
2793 >E	Leeds 345kV Voltage	Pre-Fault	5.7	NA	345	2793
2794 >E	Clay 345kV Voltage	Ph2 DC 1500	4.8	327.8	333.6	3100
2795 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	2.8	327.8	331.8	2663
2795 >E	Station 80 345kV Voltage	SBK Marcy R3108	2.9	327.8	337.3	2663
2802 >E	Clay 345kV Voltage	SBK Princetown 345	3.6	327.8	328.4	2594
2802 >E	Clay 345kV Voltage	Ravenswood 3	3.7	327.8	328.3	2899
2802 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	3.4	327.8	329.7	2791
2803 >E	Gordon Rd 345kV Voltage	Ravenswood 3	3.4	327.8	329.6	2899
2803 >E	Ramapo 500kV Voltage	Ravenswood 3	14.9	500	505.0	2900
2804 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	327.8	327.9	2767
2804 >E	Clay 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	327.9	2766
2804 >E	Clay 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	2793
2804 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	329.2	2767
2804 >E	Clay 345kV Voltage	Marcy South S.	5.1	327.8	331.7	3323
2807 >E	Clay 345kV Voltage	SBK Edic R70	3.8	327.8	327.1	2839
2807 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	6.9	327.8	335.5	1991
2809 >E	Oakdale 345kV Voltage	Volney-Marcy	2.6	320	323.2	2750
2811 >E	Gordon Rd 345kV Voltage	Volney-Marcy	3.5	327.8	327.3	2752
2813 >E	St.Lawrence 230kV Voltage	Pre-Fault	11.2	NA	225	2813
2814 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.6	327.8	326.5	2847
2814 >E	New Scotland 345kV Voltage Alps	Marcy South S.	6.3	327.8	341.9	3328
2814 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	6.3	327.8	341.9	3328
2814 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	4.5	320	333.1	2049
2814 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.6	320	321.4	2606
2815 >E	Ramapo 345kV Voltage	Pre-Fault	13.6	NA	346	2815
2815 >E	Oakdale 345kV Voltage	Ravenswood 3	2.6	320	321.1	2910
2816 >E	Oakdale 345kV Voltage	SBK Edic R945	4.7	320	332.8	2049
2817 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.7	320	320.2	2780
2818 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.7	320	320.2	2780
2818 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.7	320	320.1	2807
2820 >E	Oakdale 345kV Voltage	SBK Edic R70	2.7	320	319.4	2853
2820 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.3	327.8	327.8	2782
2820 >E	Fraser 345kV Voltage	Ravenswood 3	3.3	327.8	327.8	2915
2820 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	327.8	2782
2820 >E	Fraser 345kV Voltage	Volney-Marcy	3.3	327.8	327.8	2760
2820 >E	Fraser 345kV Voltage	SBK Marcy R3108	3.3	327.8	327.8	2664
2820 >E	Fraser 345kV Voltage	SBK Edic R70	3.3	327.8	327.8	2853

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2820 >E	Fraser 345kV Voltage	SBK Princetown 345	3.3	327.8	327.8	2611
2820 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	3.3	327.8	327.8	2809
2821 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	6.2	327.8	335.3	2053
2823 >E	Coopers Corners 345kV Voltage	Ravenswood 3	4.2	327.8	331.3	2917
2823 >E	Pannell Road 345kV Voltage	SBK Edic R945	6.4	327.8	335.1	2053
2823 >E	Pannell Road 345kV Voltage	Volney-Marcy	4.9	327.8	330.3	2763
2823 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	5.0	320	331.8	2000
2824 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	7.0	327.8	339.1	2055
2826 >E	Coopers Corners 345kV Voltage	SBK Edic R945	7.2	327.8	339.0	2055
2826 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	5.2	327.8	337.3	2056
2828 >E	Fraser 345kV Voltage	SBK Edic R945	5.3	327.8	337.1	2056
2829 >E	Ladentown 345kV Voltage	Pre-Fault	13.3	NA	346	2829
2831 >E	Roseton 345kV Voltage	Pre-Fault	10.5	NA	345	2831
2831 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.8	327.8	334.2	2004
2832 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	4.4	327.8	329.2	2621
2833 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.4	327.8	329.0	2866
2833 >E	Ramapo 500kV Voltage	Ph2 DC 1500	27.5	500	505.6	3124
2833 >E	Pannell Road 345kV Voltage	SBK Princetown 345	5.2	327.8	328.4	2623
2833 >E	Pannell Road 345kV Voltage	Ravenswood 3	5.2	327.8	328.3	2927
2836 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	7.9	327.8	338.1	2007
2836 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	5.3	327.8	327.9	2797
2836 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	5.3	327.8	327.9	2797
2836 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	328.3	2797
2836 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	5.3	327.8	327.8	2825
2837 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	336.1	2007
2837 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	327.8	328.1	2799
2838 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	4.5	327.8	327.9	2826
2839 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	7.0	327.8	334.8	2064
2839 >E	Pannell Road 345kV Voltage	SBK Edic R70	5.4	327.8	327.3	2872
2841 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	4.1	327.8	330.3	2802
2841 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	4.1	327.8	330.3	2802
2841 >E	Station 80 345kV Voltage	SBK Edic R945	7.2	327.8	334.5	2064
2841 >E	Coopers Corners 345kV Voltage	Volney-Marcy	4.5	327.8	327.1	2780
2842 >E	Station 80 345kV Voltage	Volney-Marcy	6.0	327.8	330.0	2781
2842 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	4.0	327.8	329.9	2666
2842 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	4.0	327.8	329.9	2666
2844 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	4.3	327.8	329.6	2936
2844 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	4.3	327.8	329.6	2936
2846 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	7.9	327.8	332.6	3132

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2846 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	8.2	218.5	222.0	2666
2847 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	4.7	327.8	325.7	2666
2850 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	333.7	2015
2852 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	4.5	327.8	327.8	2885
2852 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	4.5	327.8	327.8	2885
2852 >E	Station 80 345kV Voltage	Ravenswood 3	6.3	327.8	328.5	2943
2852 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	4.5	327.8	327.7	2841
2852 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	4.5	327.8	327.7	2841
2853 >E	Station 80 345kV Voltage	SBK Princetown 345	6.3	327.8	328.3	2640
2854 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	4.5	327.8	327.3	2792
2854 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	4.5	327.8	327.3	2792
2855 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	4.6	327.8	327.2	2816
2855 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	4.6	327.8	327.2	2816
2856 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	327.9	2817
2856 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	327.9	2816
2856 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.8	2844
2857 >E	Pannell Road 345kV Voltage	Marcy South S.	7.9	327.8	331.4	3351
2859 >E	Station 80 345kV Voltage	SBK Edic R70	6.6	327.8	327.4	2893
2862 >E	Station 80 345kV Voltage	Ph2 DC 1500	8.6	327.8	332.4	3141
2862 >E	Gilboa 345kV Voltage	Marcy South S.	6.9	327.8	342.5	3354
2864 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	7.0	327.8	336.4	3142
2864 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	7.0	327.8	336.4	3142
2864 >E	Bowline 1 345kV Voltage	Pre-Fault	13.3	NA	345	2864
2864 >E	Oakdale 345kV Voltage	Ph2 DC 1500	6.3	320	326.2	3143
2866 >E	Dunwoodie 345kV Voltage	Ravenswood 3	11.9	327.8	335.5	2956
2867 >E	Sprain Brook 345kV Voltage	Ravenswood 3	11.9	327.8	335.5	2957
2870 >E	Bowline 2 345kV Voltage	Pre-Fault	13.3	NA	345	2870
2876 >E	Station 80 345kV Voltage	Marcy South S.	8.7	327.8	331.0	3361
2877 >E	St.Lawrence 230kV Voltage	Volney-Marcy	10.6	218.5	219.3	2813
2878 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	5.1	327.8	321.9	2663
2878 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	5.1	327.8	321.9	2663
2879 >E	St.Lawrence 230kV Voltage	Ravenswood 3	10.9	218.5	219.1	2967
2881 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	5.2	327.8	328.8	2840
2881 >E	Gilboa 345kV Voltage	SBK Marcy R3108	5.2	327.8	328.8	2668
2882 >E	Gilboa 345kV Voltage	Ravenswood 3	5.3	327.8	328.6	2970
2883 >E	Ramapo 500kV Voltage	SBK Marcy R3108	16.6	500	500.4	2668
2885 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	16.9	500	500.3	2844
2886 >E	Ramapo 500kV Voltage	SBK Princetown 345	17.3	500	500.2	2670

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2886 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	11.2	218.5	218.5	2874
2886 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	11.2	218.5	218.5	2846
2886 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	11.2	218.5	218.5	2845
2887 >E	Leeds 345kV Voltage	Marcy South S.	8.4	327.8	340.3	3367
2887 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	5.4	327.8	327.8	2875
2887 >E	Gilboa 345kV Voltage	Volney-Marcy	5.4	327.8	327.7	2822
2887 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	5.4	327.8	327.7	2847
2887 >E	Gilboa 345kV Voltage	SBK Edic R70	5.4	327.8	327.7	2921
2888 >E	Ramapo 500kV Voltage	SBK Edic R70	17.2	500	500.1	2921
2888 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	11.2	218.5	218.3	2672
2888 >E	Oakdale 345kV Voltage	Marcy South S.	6.6	320	322.9	3367
2888 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	17.2	500	500.1	2848
2889 >E	Ramapo 500kV Voltage	Volney-Marcy	17.3	500	500.0	2824
2889 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	17.2	500	500.0	2877
2890 >E	Ramapo 500kV Voltage	Pre-Fault	17.2	NA	500	2890
2890 >E	St.Lawrence 230kV Voltage	SBK Edic R70	11.6	218.5	218.1	2924
2891 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	327.8	2851
2891 >E	Leeds 345kV Voltage	Volney-Marcy	5.7	327.8	327.8	2826
2891 >E	Leeds 345kV Voltage	SBK Edic R70	5.7	327.8	327.8	2925
2891 >E	Leeds 345kV Voltage	SBK Princetown 345	5.7	327.8	327.8	2675
2891 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	5.7	327.8	327.8	2879
2891 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	327.8	2850
2891 >E	Leeds 345kV Voltage	Ravenswood 3	5.7	327.8	327.8	2978
2891 >E	Leeds 345kV Voltage	SBK Marcy R3108	5.7	327.8	327.8	2669
2892 >E	Millwood 345kV Voltage	Ravenswood 3	10.9	327.8	335.2	2978
2893 >E	Somerset 345kV Voltage	SBK Marcy R3108	6.0	327.8	342.5	2669
2893 >E	Gilboa 345kV Voltage	SBK Princetown 345	5.6	327.8	326.6	2677
2901 >E	Rock Tavern 345kV Voltage	Ravenswood 3	7.3	327.8	332.9	2986
2901 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	14.0	218.5	223.2	2103
2902 >E	Buchanan North 345kV Voltage	Ravenswood 3	11.7	327.8	334.8	2987
2906 >E	St.Lawrence 230kV Voltage	SBK Edic R945	14.4	218.5	223.0	2102
2906 >E	Fraser 345kV Voltage	Marcy South S.	8.4	327.8	327.8	3377
2906 >E	Fraser 345kV Voltage	Ph2 DC 1500	8.4	327.8	327.8	3167
2908 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	27.3	500	503.8	2107
2909 >E	Leeds 345kV Voltage	Marcy South N.	9.6	327.8	341.2	3595
2911 >E	Ramapo 500kV Voltage	SBK Edic R945	27.8	500	503.7	2106
2912 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	10.0	327.8	331.6	3171

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2917 >E	Buchanan South 345kV Voltage	Ravenswood 3	11.0	327.8	335.2	3001
2920 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	9.0	327.8	332.0	3003
2921 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	29.7	500	503.5	2055
2924 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	8.3	327.8	329.8	2117
2924 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	8.3	327.8	329.8	2117
2926 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	8.4	327.8	329.6	2114
2926 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	8.4	327.8	329.6	2114
2929 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	17.8	218.5	222.0	3181
2929 >E	St.Lawrence 230kV Voltage	Marcy South N.	20.5	218.5	227.0	3602
2930 >E	Niagara 230kV East Voltage	Pre-Fault	22.0	NA	225	2930
2930 >E	Niagara 230kV West Voltage	Pre-Fault	22.0	NA	225	2930
2934 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	8.7	327.8	328.7	2062
2934 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	8.7	327.8	328.7	2062
2934 >E	Fraser 345kV Voltage	Marcy South N.	9.4	327.8	327.8	3604
2938 >E	Rock Tavern 345kV Voltage	SBK Edic R70	8.1	327.8	328.2	2973
2939 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	8.0	327.8	328.2	2895
2940 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	8.1	327.8	328.1	2718
2941 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	8.1	327.8	327.9	2899
2942 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	8.1	327.8	327.8	2929
2942 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	17.2	218.5	221.4	2066
2946 >E	Rock Tavern 345kV Voltage	Volney-Marcy	8.2	327.8	327.3	2876
2947 >E	Watercure 230kV Voltage	Marcy South N.	14.0	207	225.1	3608
2948 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	9.4	327.8	319.1	2132
2951 >E	Gordon Rd 345kV Voltage	SBK Edic R945	9.6	327.8	318.8	2130
2952 >E	Niagara 230kV East Voltage	SBK Marcy R3108	13.7	218.5	224.0	2672
2952 >E	Niagara 230kV West Voltage	SBK Marcy R3108	13.7	218.5	224.0	2672
2953 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	8.4	327.8	326.5	2672
2953 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	9.3	327.8	328.5	2909
2954 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	9.4	327.8	335.0	2135
2957 >E	Gilboa 345kV Voltage	Marcy South N.	10.8	327.8	338.1	3611
2958 >E	Gilboa 345kV Voltage	SBK Edic R945	9.6	327.8	334.7	2133
2959 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	9.6	327.8	327.9	2994
2960 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	9.6	327.8	327.8	2948
2961 >E	Somerset 345kV Voltage	Pre-Fault	15.4	NA	338	2961
2962 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	9.7	327.8	327.6	2919
2964 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	9.7	327.8	327.4	2673
2965 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	9.7	327.8	327.3	2894
2967 >E	Roseton 345kV Voltage	Ravenswood 3	9.7	327.8	332.1	3045
2968 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	10.0	327.8	333.9	2081

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2970 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	13.8	327.8	328.1	2925
2970 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	328.1	2925
2971 >E	St.Lawrence 230kV Voltage	Marcy South S.	19.3	218.5	220.1	3411
2972 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	9.9	327.8	326.6	2748
2973 >E	Dunwoodie 345kV Voltage	SBK Edic R70	14.1	327.8	327.9	3008
2973 >E	Sprain Brook 345kV Voltage	SBK Edic R70	14.0	327.8	327.9	3008
2974 >E	Ramapo 345kV Voltage	Ravenswood 3	11.9	327.8	334.3	3051
2975 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	14.1	327.8	327.8	2962
2975 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	14.0	327.8	327.8	2962
2976 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	14.2	327.8	327.7	2932
2976 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	14.1	327.8	327.7	2933
2976 >E	Ladentown 345kV Voltage	Ravenswood 3	11.6	327.8	334.9	3053
2978 >E	Gilboa 345kV Voltage	Ph2 DC 1500	10.4	327.8	333.1	3210
2979 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	12.3	327.8	328.3	2933
2980 >E	Dunwoodie 345kV Voltage	Volney-Marcy	14.3	327.8	327.4	2908
2980 >E	Sprain Brook 345kV Voltage	Volney-Marcy	14.2	327.8	327.4	2908
2981 >E	Leeds 345kV Voltage	Ph2 DC 1500	9.8	327.8	332.8	3212
2982 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	14.4	327.8	327.2	2757
2983 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	14.3	327.8	327.3	2757
2983 >E	Millwood 345kV Voltage	SBK Edic R70	12.5	327.8	327.9	3018
2985 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	12.5	327.8	327.8	2972
2986 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	12.6	327.8	327.7	2942
2986 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	14.6	327.8	327.0	2674
2986 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	14.5	327.8	327.0	2674
2990 >E	Millwood 345kV Voltage	Volney-Marcy	12.7	327.8	327.4	2917
2992 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	13.3	327.8	328.2	2945
2993 >E	Millwood 345kV Voltage	SBK Princetown 345	12.8	327.8	327.2	2766
2995 >E	Buchanan North 345kV Voltage	SBK Edic R70	13.6	327.8	328.0	3030
2995 >E	Millwood 345kV Voltage	SBK Marcy R3108	12.9	327.8	327.0	2675
2995 >E	Bowline 1 345kV Voltage	Ravenswood 3	11.6	327.8	335.2	3070
2997 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	13.6	327.8	327.8	2984
2997 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	13.6	327.8	327.8	2953
3000 >E	Bowline 2 345kV Voltage	Ravenswood 3	11.6	327.8	335.2	3074
3000 >E	Buchanan North 345kV Voltage	SBK Princetown 345	13.7	327.8	327.6	2773
3002 >E	Buchanan North 345kV Voltage	Volney-Marcy	13.7	327.8	327.5	2928
3004 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	11.5	327.8	335.9	2166
3005 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	12.5	327.8	328.3	2958

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3007 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	13.9	327.8	327.1	2676
3008 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	328.2	2961
3009 >E	Buchanan South 345kV Voltage	SBK Edic R70	12.7	327.8	328.0	3044
3010 >E	Roseton 345kV Voltage	SBK Edic R70	10.5	327.8	328.0	3046
3010 >E	Somerset 345kV Voltage	SBK Edic R945	11.8	327.8	335.6	2165
3011 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	12.8	327.8	327.8	2998
3012 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	12.8	327.8	327.7	2967
3012 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	10.5	327.8	327.8	2999
3013 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	10.5	327.8	327.8	2968
3016 >E	Roseton 345kV Voltage	Volney-Marcy	10.6	327.8	327.4	2941
3017 >E	Buchanan South 345kV Voltage	Volney-Marcy	12.9	327.8	327.4	2942
3017 >E	Roseton 345kV Voltage	SBK Princetown 345	10.6	327.8	327.3	2788
3018 >E	Buchanan South 345kV Voltage	SBK Princetown 345	12.9	327.8	327.3	2789
3020 >E	Ramapo 500kV Voltage	Marcy South S.	38.1	500	501.2	3437
3021 >E	Roseton 345kV Voltage	SBK Marcy R3108	10.7	327.8	327.0	2676
3022 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	13.1	327.8	327.0	2677
3027 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	12.4	327.8	334.6	2114
3031 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	19.8	218.5	221.1	2183
3031 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	19.8	218.5	221.1	2183
3034 >E	Niagara 230kV East Voltage	SBK Edic R945	20.0	218.5	221.0	2179
3034 >E	Niagara 230kV West Voltage	SBK Edic R945	20.0	218.5	221.0	2179
3041 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	20.5	218.5	220.7	2123
3041 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	20.5	218.5	220.7	2123
3042 >E	Somerset 345kV Voltage	Marcy South N.	16.6	327.8	343.6	3641
3044 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	12.6	327.8	327.8	2124
3044 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	12.6	327.8	327.8	2191
3044 >E	Leeds 345kV Voltage	SBK Edic R945	12.6	327.8	327.8	2185
3049 >E	Niagara 230kV East Voltage	Ph2 DC 1500	21.5	218.5	220.3	3252
3049 >E	Niagara 230kV West Voltage	Ph2 DC 1500	21.5	218.5	220.3	3252
3051 >E	Pleasant Valley 345kV Voltage	Marcy South S.	18.5	327.8	336.7	3454
3053 >E	Somerset 345kV Voltage	Ph2 DC 1500	14.0	327.8	332.9	3255
3056 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	13.4	327.8	328.3	3006
3059 >E	Ramapo 345kV Voltage	SBK Edic R70	13.6	327.8	328.0	3095
3060 >E	Niagara 230kV East Voltage	Volney-Marcy	21.2	218.5	219.1	2982
3060 >E	Niagara 230kV West Voltage	Volney-Marcy	21.2	218.5	219.1	2982
3062 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	13.6	327.8	327.8	3015
3062 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	13.6	327.8	327.8	3048
3063 >E	Ramapo 345kV Voltage	SBK Princetown 345	13.7	327.8	327.7	2830

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3064 >E	Niagara 230kV East Voltage	Marcy South S.	21.7	218.5	219.7	3461
3064 >E	Niagara 230kV West Voltage	Marcy South S.	21.7	218.5	219.7	3461
3064 >E	Niagara 230kV East Voltage	Ravenswood 3	21.7	218.5	218.9	3131
3064 >E	Niagara 230kV West Voltage	Ravenswood 3	21.7	218.5	218.9	3131
3064 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	13.0	327.8	328.3	3015
3067 >E	Ramapo 345kV Voltage	Volney-Marcy	13.7	327.8	327.4	2988
3068 >E	Ladentown 345kV Voltage	SBK Edic R70	13.3	327.8	328.0	3104
3070 >E	Niagara 230kV East Voltage	SBK Princetown 345	21.8	218.5	218.7	2836
3070 >E	Niagara 230kV West Voltage	SBK Princetown 345	21.8	218.5	218.7	2836
3071 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	13.3	327.8	327.8	3057
3071 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	13.3	327.8	327.8	3024
3072 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	22.0	218.5	218.5	3026
3072 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	22.0	218.5	218.5	3026
3073 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	22.0	218.5	218.5	3023
3073 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	22.0	218.5	218.5	3023
3073 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	22.0	218.5	218.5	3059
3073 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	22.0	218.5	218.5	3059
3073 >E	Somerset 345kV Voltage	Marcy South S.	14.0	327.8	331.7	3466
3074 >E	Ladentown 345kV Voltage	SBK Princetown 345	13.4	327.8	327.6	2840
3074 >E	Ramapo 345kV Voltage	SBK Marcy R3108	14.0	327.8	326.9	2680
3075 >E	Niagara 230kV East Voltage	SBK Edic R70	22.2	218.5	218.4	3111
3075 >E	Niagara 230kV West Voltage	SBK Edic R70	22.2	218.5	218.4	3111
3077 >E	Ladentown 345kV Voltage	Volney-Marcy	13.4	327.8	327.4	2997
3081 >E	Somerset 345kV Voltage	Volney-Marcy	14.1	327.8	330.3	3001
3083 >E	Pleasant Valley 345kV Voltage	Marcy South N.	18.9	327.8	336.8	3655
3083 >E	Ladentown 345kV Voltage	SBK Marcy R3108	13.6	327.8	326.9	2680
3086 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	13.1	327.8	328.4	3035
3091 >E	Bowline 1 345kV Voltage	SBK Edic R70	13.3	327.8	328.0	3127
3091 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	16.9	327.8	337.5	2220
3091 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	13.0	327.8	328.4	3040
3093 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	13.3	327.8	327.8	3079
3093 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	13.3	327.8	327.8	3046
3093 >E	Watercure 230kV Voltage	SBK Marcy R3108	14.1	207	234.5	2681
3096 >E	Bowline 2 345kV Voltage	SBK Edic R70	13.3	327.8	328.0	3132
3096 >E	Bowline 1 345kV Voltage	SBK Princetown 345	13.4	327.8	327.6	2860
3097 >E	Rock Tavern 345kV Voltage	SBK Edic R945	17.2	327.8	337.2	2217
3099 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	13.3	327.8	327.8	3084

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3099 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	13.3	327.8	327.8	3051
3099 >E	Bowline 1 345kV Voltage	Volney-Marcy	13.5	327.8	327.4	3018
3102 >E	Bowline 2 345kV Voltage	SBK Princetown 345	13.4	327.8	327.6	2865
3103 >E	Somerset 345kV Voltage	Ravenswood 3	15.1	327.8	328.8	3165
3105 >E	Bowline 2 345kV Voltage	Volney-Marcy	13.4	327.8	327.4	3023
3106 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	13.7	327.8	326.9	2682
3109 >E	Somerset 345kV Voltage	SBK Princetown 345	15.1	327.8	328.4	2872
3112 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	13.6	327.8	326.8	2682
3117 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	15.4	327.8	327.9	3069
3117 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	15.4	327.8	327.9	3065
3118 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	15.4	327.8	327.8	3104
3129 >E	Somerset 345kV Voltage	SBK Edic R70	15.9	327.8	327.1	3166
3131 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	18.4	327.8	333.5	3301
3142 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	19.3	327.8	335.5	2180
3153 >E	Ramapo 500kV Voltage	Marcy South N.	57.2	500	501.9	3680
3172 >E	Coopers Corners 345kV Voltage	Marcy South N.	15.1	327.8	309.9	3686
3208 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	21.0	327.8	333.1	3347
3209 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	27.7	327.8	333.5	3347
3211 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	27.6	327.8	333.4	2294
3217 >E	Buchanan North 345kV Voltage	SBK Edic R945	28.0	327.8	333.2	2289
3224 >E	Millwood 345kV Voltage	Ph2 DC 1500	26.4	327.8	332.8	3356
3228 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	21.1	207	225.7	2305
3236 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	31.3	327.8	332.0	3363
3237 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	31.6	327.8	331.9	3363
3245 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	23.0	327.8	329.0	2315
3247 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	23.1	327.8	328.9	2306
3256 >E	Watercure 230kV Voltage	SBK Edic R945	22.3	207	225.3	2312
3258 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	26.3	327.8	333.7	3376
3260 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	30.3	327.8	332.1	2246
3273 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	24.1	327.8	327.9	2253
3275 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	29.3	327.8	331.4	2334
3276 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	18.3	327.8	336.1	2335
3280 >E	Millwood 345kV Voltage	SBK Edic R945	29.5	327.8	331.3	2326
3281 >E	Niagara 345kV Voltage	SBK Marcy R3108	18.3	327.8	356.0	2692
3288 >E	Niagara 345kV Voltage	SBK Edic R945	18.7	327.8	335.6	2331
3288 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	34.9	327.8	330.7	2342
3289 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	25.5	327.8	336.0	2342
3290 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	35.3	327.8	330.7	2343
3291 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	27.9	327.8	332.8	2344

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3293 >E	Sprain Brook 345kV Voltage	SBK Edic R945	35.3	327.8	330.6	2334
3295 >E	Dunwoodie 345kV Voltage	SBK Edic R945	35.6	327.8	330.5	2335
3297 >E	Buchanan South 345kV Voltage	SBK Edic R945	28.2	327.8	332.6	2336
3297 >E	Ramapo 345kV Voltage	SBK Edic R945	25.9	327.8	335.7	2336
3304 >E	Roseton 345kV Voltage	Ph2 DC 1500	23.2	327.8	333.9	3403
3312 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	19.5	327.8	334.6	2275
3317 >E	Rainey 345kV Voltage	Ravenswood 3	27.9	327.8	341.0	3355
3321 >E	Millwood 345kV Voltage	Marcy South S.	32.9	327.8	330.2	3598
3322 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	31.6	327.8	330.1	2281
3322 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	25.0	207	224.3	2281
3331 >E	Dunwoodie 345kV Voltage	Marcy South S.	39.2	327.8	329.7	3603
3332 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	25.8	327.8	335.7	2369
3334 >E	Ramapo 345kV Voltage	Ph2 DC 1500	27.5	327.8	334.8	3421
3335 >E	Dunwoodie 345kV Voltage	Marcy South N.	38.0	327.8	330.5	3742
3335 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	24.7	327.8	332.9	2371
3335 >E	Millwood 345kV Voltage	Marcy South N.	32.9	327.8	331.2	3743
3337 >E	Sprain Brook 345kV Voltage	Marcy South S.	39.1	327.8	329.6	3606
3337 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	37.7	327.8	329.6	2289
3339 >E	Roseton 345kV Voltage	Marcy South N.	25.2	327.8	333.3	3744
3339 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	38.1	327.8	329.5	2290
3340 >E	Sprain Brook 345kV Voltage	Marcy South N.	38.0	327.8	330.5	3744
3340 >E	Ladentown 345kV Voltage	SBK Edic R945	26.2	327.8	335.4	2362
3341 >E	Roseton 345kV Voltage	SBK Edic R945	25.0	327.8	332.7	2362
3343 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	30.3	327.8	331.4	2292
3349 >E	Farragut 345kV Voltage	Ravenswood 3	29.2	327.8	340.2	3383
3352 >E	Ladentown 345kV Voltage	Ph2 DC 1500	26.8	327.8	335.1	3432
3352 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	28.4	327.8	334.3	2298
3355 >E	Niagara 345kV Voltage	Ph2 DC 1500	21.5	327.8	332.9	3434
3368 >E	Gardenville 230kV Voltage	SBK Marcy R3108	23.4	207	226.6	2698
3370 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	25.7	327.8	336.2	2393
3374 >E	Roseton 345kV Voltage	Marcy South S.	26.9	327.8	331.6	3626
3379 >E	Bowline 1 345kV Voltage	SBK Edic R945	26.1	327.8	336.0	2385
3382 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	25.7	327.8	336.3	2400
3384 >E	Niagara 345kV Voltage	Marcy South S.	21.6	327.8	331.7	3632
3386 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	26.7	327.8	331.3	2317
3391 >E	Bowline 2 345kV Voltage	SBK Edic R945	26.1	327.8	336.1	2392
3393 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	24.9	207	215.3	2407
3394 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	26.7	327.8	335.6	3457
3396 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	28.6	327.8	333.9	2322
3406 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	26.7	327.8	335.7	3464
3407 >E	Gardenville 230kV Voltage	SBK Edic R945	25.4	207	214.9	2402

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3436 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	26.4	207	214.0	2345
3436 >E	Rock Tavern 345kV Voltage	Marcy South N.	26.6	327.8	322.2	3778
3439 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	28.4	327.8	334.4	2346
3447 >E	Farragut 345kV Voltage	Pre-Fault	44.5	NA	338	3447
3448 >E	Rainey 345kV Voltage	Pre-Fault	43.1	NA	338	3448
3452 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	28.4	327.8	334.5	2354
3457 >E	Buchanan South 345kV Voltage	Marcy South S.	35.2	327.8	328.3	3670
3480 >E	Buchanan South 345kV Voltage	Marcy South N.	36.3	327.8	330.1	3793
3521 >E	Buchanan North 345kV Voltage	Marcy South S.	39.9	327.8	325.4	3705
3522 >E	Gardenville 230kV Voltage	Marcy South S.	29.5	207	211.5	3705
3523 >E	Buchanan North 345kV Voltage	Marcy South N.	41.5	327.8	328.3	3808
3532 >E	Gardenville 230kV Voltage	Ph2 DC 1500	29.5	207	211.3	3539
3593 >E	Niagara 345kV Voltage	Marcy South N.	32.1	327.8	346.5	3832
3617 >E	Niagara 230kV East Voltage	Marcy South N.	64.9	218.5	229.2	3840
3617 >E	Niagara 230kV West Voltage	Marcy South N.	64.9	218.5	229.2	3840
3618 >E	Goethals 345kV Voltage	Ravenswood 3	40.0	327.8	338.9	3622
3671 >E	Goethals 345kV Voltage	Pre-Fault	59.9	NA	338	3671
3750 >E	Watercure 230kV Voltage	Ph2 DC 1500	42.9	207	218.1	3668
3822 >E	Ladentown 345kV Voltage	Marcy South S.	42.0	327.8	322.5	3865
3822 >E	Rock Tavern 345kV Voltage	Marcy South S.	37.5	327.8	310.3	3865
3834 >E	Ramapo 345kV Voltage	Marcy South S.	43.4	327.8	321.8	3871
3849 >E	Ramapo 345kV Voltage	Marcy South N.	46.0	327.8	325.8	3921
3865 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	42.3	327.8	328.3	3778
3879 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	43.7	327.8	328.3	3791
3888 >E	Rainey 345kV Voltage	SBK Edic R70	43.2	327.8	327.8	3932
3888 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	43.1	327.8	327.8	3864
3890 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	43.2	327.8	327.7	3813
3890 >E	Bowline 1 345kV Voltage	Marcy South S.	42.0	327.8	322.3	3901
3899 >E	Rainey 345kV Voltage	Volney-Marcy	43.5	327.8	327.5	3756
3901 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	44.5	327.8	327.8	3877
3901 >E	Farragut 345kV Voltage	SBK Edic R70	44.6	327.8	327.8	3946
3903 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	44.6	327.8	327.8	3826
3908 >E	Rainey 345kV Voltage	SBK Princetown 345	43.7	327.8	327.3	3591
3912 >E	Farragut 345kV Voltage	Volney-Marcy	44.8	327.8	327.5	3768
3914 >E	Ladentown 345kV Voltage	Marcy South N.	47.0	327.8	325.8	3943
3921 >E	Farragut 345kV Voltage	SBK Princetown 345	45.1	327.8	327.4	3603
3925 >E	Rainey 345kV Voltage	SBK Marcy R3108	44.4	327.8	326.9	2732
3936 >E	Watercure 230kV Voltage	Marcy South S.	46.5	207	215.4	3926
3938 >E	Farragut 345kV Voltage	SBK Marcy R3108	45.8	327.8	327.0	2732

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\0A\Sum2023_CEVC_PH2_20_0A.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4003 >E	Coopers Corners 345kV Voltage	Marcy South S.	32.6	327.8	237.8	3961
4015 >E	Bowline 2 345kV Voltage	Marcy South S.	45.9	327.8	319.4	3967
4016 >E	Gardenville 230kV Voltage	Marcy South N.	53.3	207	227.2	3979
4128 >E	Bowline 1 345kV Voltage	Marcy South N.	52.0	327.8	322.8	4018
4141 >E	Bowline 2 345kV Voltage	Marcy South N.	51.7	327.8	324.5	4022
4223 >E	Gardenville 230kV Voltage	Pre-Fault	88.9	NA	217	4223
4253 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	58.8	327.8	328.3	4148
4281 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	59.9	327.8	327.8	4252
4282 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	59.9	327.8	327.8	4191
4286 >E	Goethals 345kV Voltage	SBK Edic R70	60.1	327.8	327.7	4336
4289 >E	Goethals 345kV Voltage	Volney-Marcy	60.1	327.8	327.7	4115
4300 >E	Goethals 345kV Voltage	SBK Princetown 345	60.4	327.8	327.5	3945
4326 >E	Goethals 345kV Voltage	SBK Marcy R3108	61.4	327.8	327.1	2756
4711 >E	Gardenville 230kV Voltage	Volney-Marcy	74.4	207	211.5	4505
4882 >E	Gardenville 230kV Voltage	Ravenswood 3	80.6	207	209.6	4741
4963 >E	Gardenville 230kV Voltage	SBK Princetown 345	83.8	207	208.7	4543
5081 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	87.8	207	207.3	4960
5082 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	87.8	207	207.3	4937
5102 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	88.5	207	207.1	5063
5233 >E	Gardenville 230kV Voltage	SBK Edic R70	93.6	207	205.6	5293
5239 >E	Rainey 345kV Voltage	Ph2 DC 1500	95.2	327.8	335.7	4552
5267 >E	Farragut 345kV Voltage	Ph2 DC 1500	98.1	327.8	335.7	4569
5603 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	109.0	327.8	333.1	3773
5634 >E	Rainey 345kV Voltage	SBK Edic R945	110.2	327.8	332.9	3731
5643 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	112.7	327.8	333.0	3798
5672 >E	Farragut 345kV Voltage	SBK Edic R945	113.8	327.8	332.8	3754
5760 >E	Northport 138kV Voltage	Pre-Fault	338.7	NA	135	5760
5832 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	117.5	327.8	331.4	3694
5872 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	121.4	327.8	331.4	3717
5916 >E	Rainey 345kV Voltage	Marcy South S.	121.5	327.8	330.8	4980
5959 >E	Rainey 345kV Voltage	Marcy South N.	122.5	327.8	331.7	4653
5960 >E	Farragut 345kV Voltage	Marcy South S.	125.6	327.8	330.8	5003
6006 >E	Farragut 345kV Voltage	Marcy South N.	126.8	327.8	331.6	4669
6049 >E	Goethals 345kV Voltage	Ph2 DC 1500	129.8	327.8	336.1	5033
6331 >E	Northport 138kV Voltage	Ravenswood 3	286.2	131.1	133.3	6024
6615 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	151.9	327.8	333.2	4399
6656 >E	Goethals 345kV Voltage	SBK Edic R945	153.5	327.8	333.0	4341
6916 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	163.5	327.8	331.6	4305
7000 >E	Northport 138kV Voltage	N.Scot-Leeds 345	332.4	131.1	131.3	6766

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\0A\Sum2023_CEVC_PH2_20_0A.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7054 >E	Goethals 345kV Voltage	Marcy South S.	169.7	327.8	330.9	5586
7076 >E	Northport 138kV Voltage	SBK Edic R70	338.4	131.1	131.1	7156
7084 >E	Northport 138kV Voltage	Princetown-N.Scot 345	338.9	131.1	131.1	7021
7093 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	339.6	131.1	131.1	6898
7104 >E	Goethals 345kV Voltage	Marcy South N.	171.1	327.8	331.5	5050
7130 >E	Northport 138kV Voltage	Volney-Marcy	342.4	131.1	131.0	6736
7160 >E	Northport 138kV Voltage	SBK Princetown 345	344.6	131.1	130.9	6523
7239 >E	Northport 138kV Voltage	SBK Marcy R3108	350.7	131.1	130.6	2933
8748 >E	Niagara 345kV Voltage	Volney-Marcy	207.6	327.8	346.7	8229
11613 >E	Northport 138kV Voltage	Ph2 DC 1500	695.1	131.1	136.0	8336
13581 >E	Northport 138kV Voltage	Marcy South N.	855.0	131.1	132.7	7296
13738 >E	Niagara 345kV Voltage	Ravenswood 3	383.3	327.8	338.2	12585
13852 >E	Niagara 345kV Voltage	Pre-Fault	587.4	NA	338	13852
14322 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	906.4	131.1	133.5	9165
14461 >E	Northport 138kV Voltage	SBK Edic R945	917.3	131.1	133.4	9000
15047 >E	Niagara 345kV Voltage	SBK Princetown 345	423.7	327.8	336.0	13633
15216 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	975.9	131.1	132.7	8981
16169 >E	Northport 138kV Voltage	Marcy South S.	1054.1	131.1	131.9	10442
18671 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	547.4	327.8	329.8	18051
18907 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	555.5	327.8	329.4	18115
19462 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	574.4	327.8	328.4	19250
46425 >E	Niagara 345kV Voltage	SBK Edic R70	1507.7	327.8	282.5	46939
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

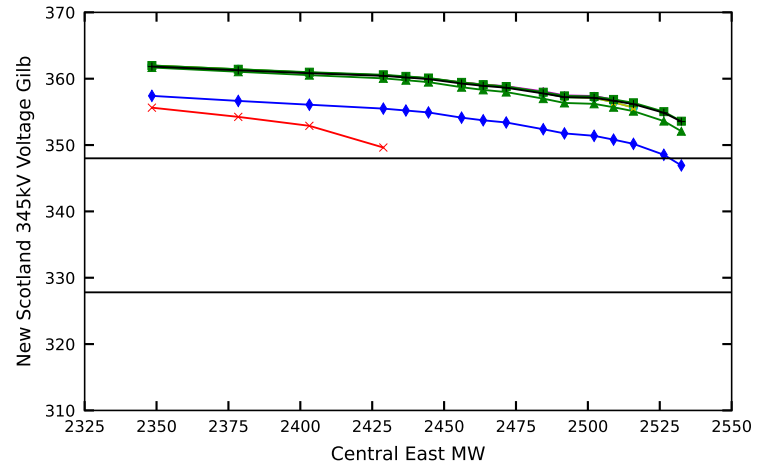
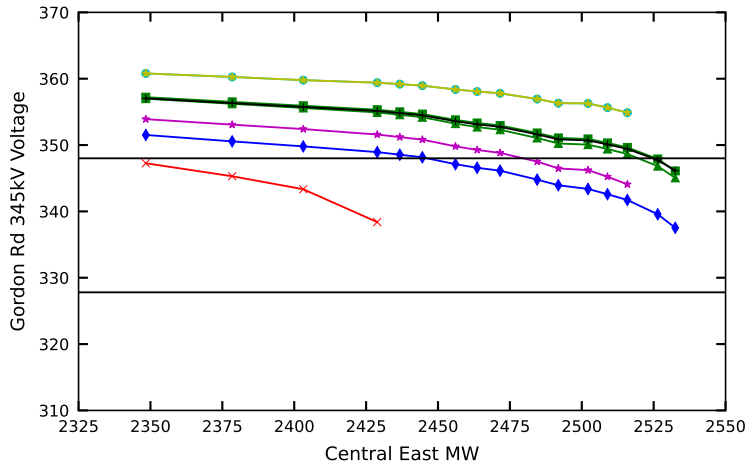
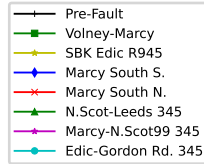
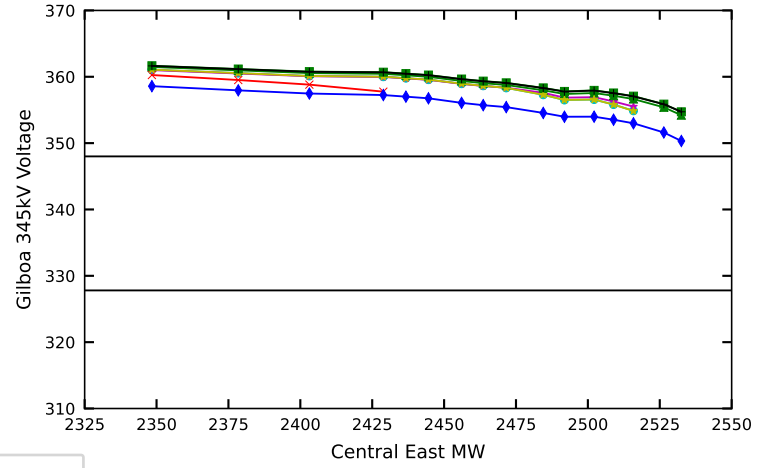
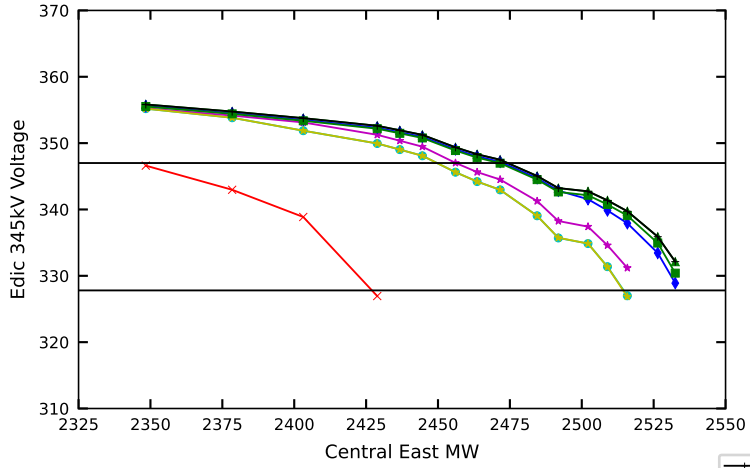
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\0A\Sum2023_CEVC_PH2_20_0A.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 0A

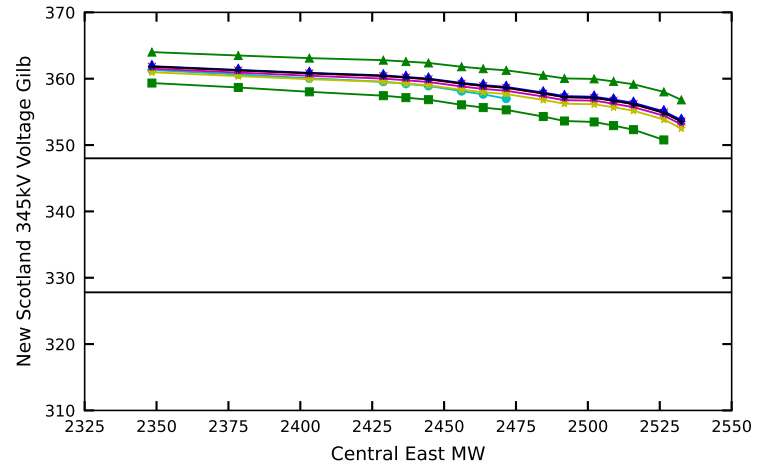
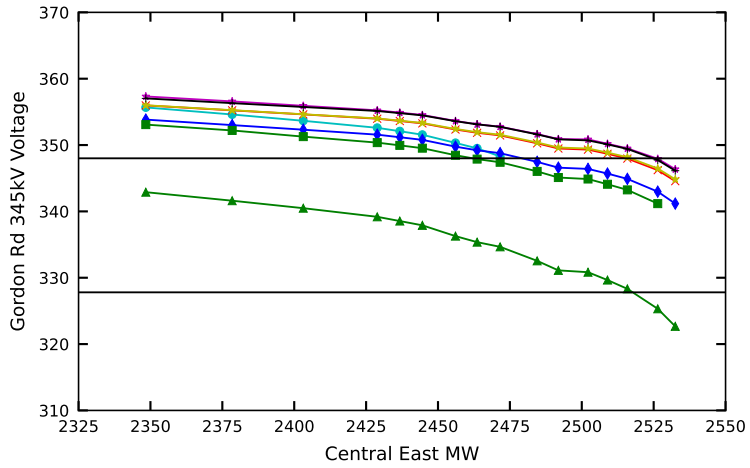
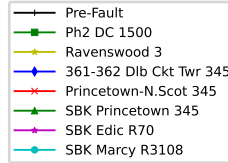
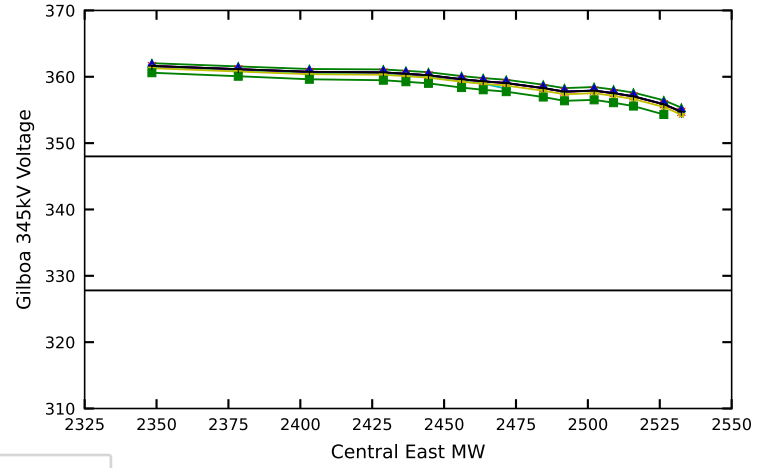
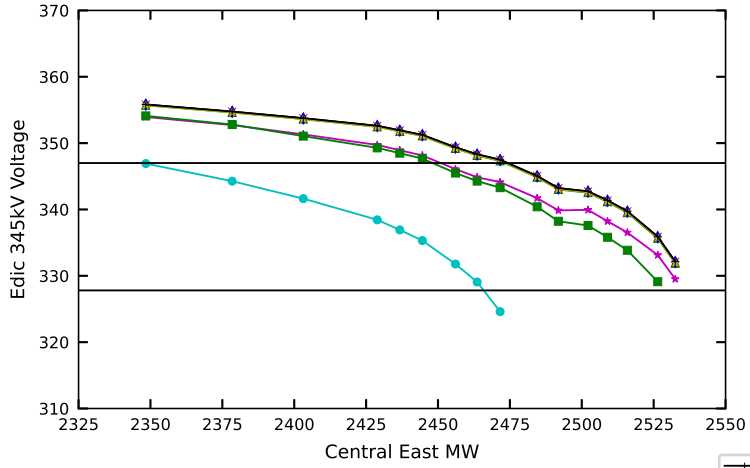
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				<-Post->	<-Pre->	
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 D1b Ckt Twr 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

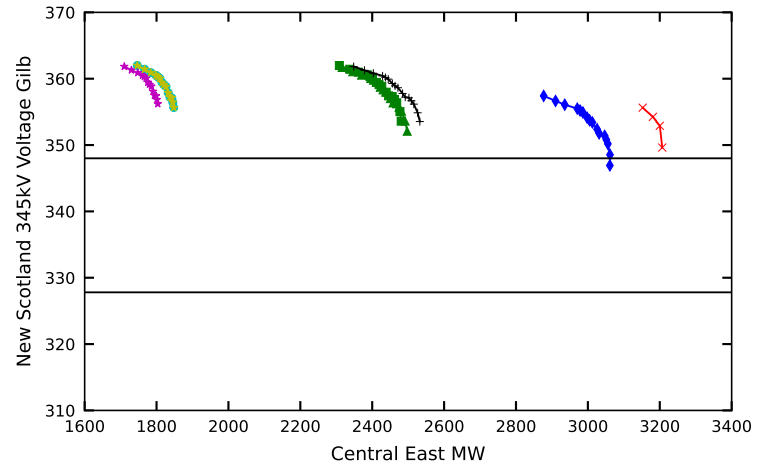
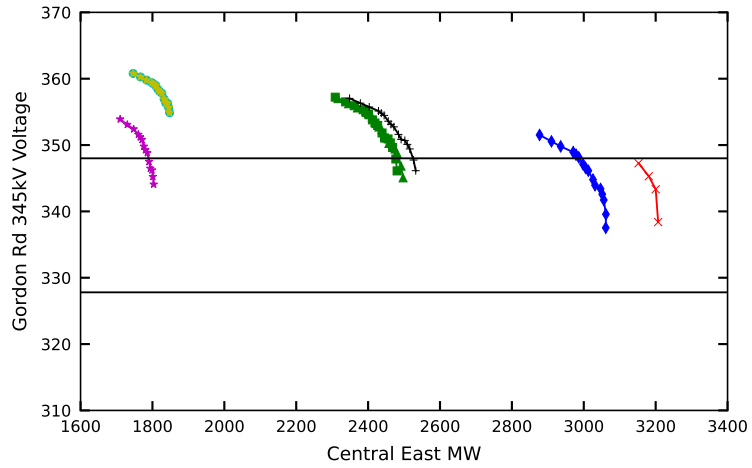
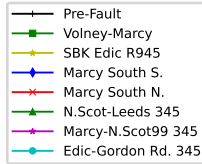
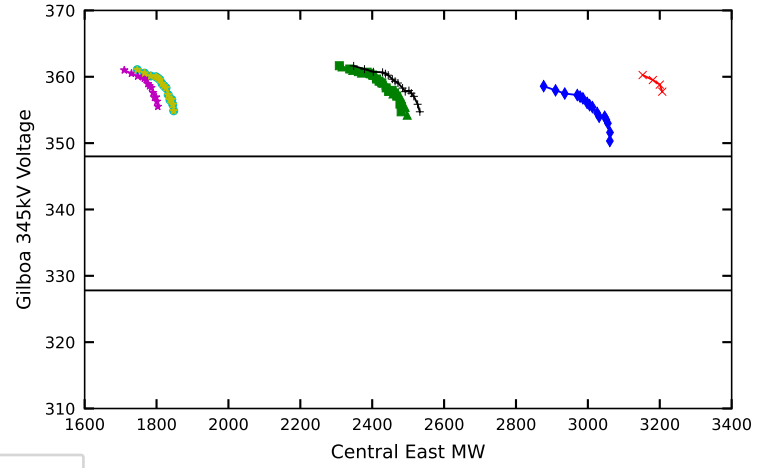
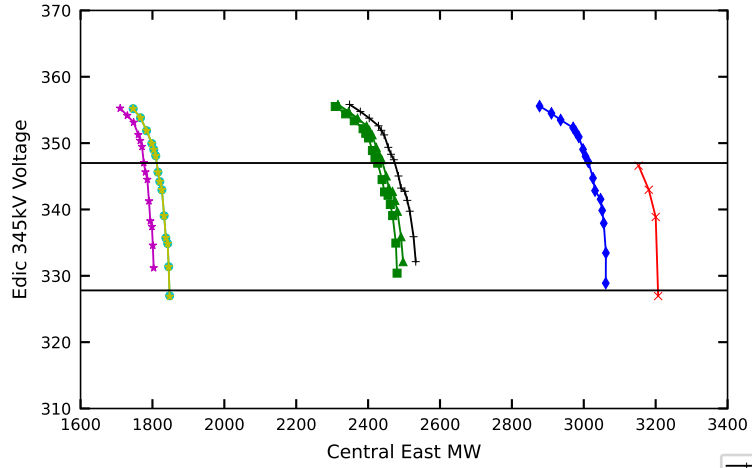
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S Figure 1



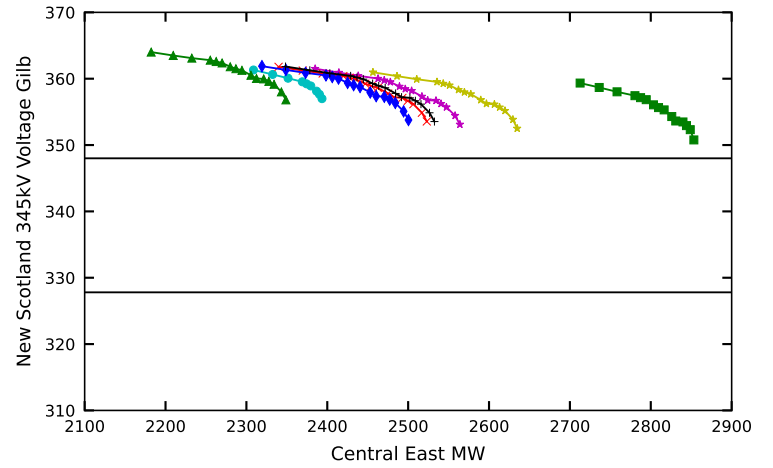
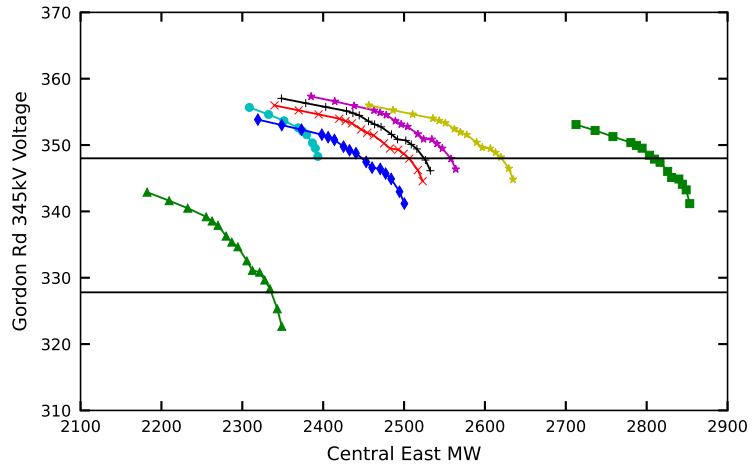
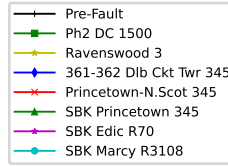
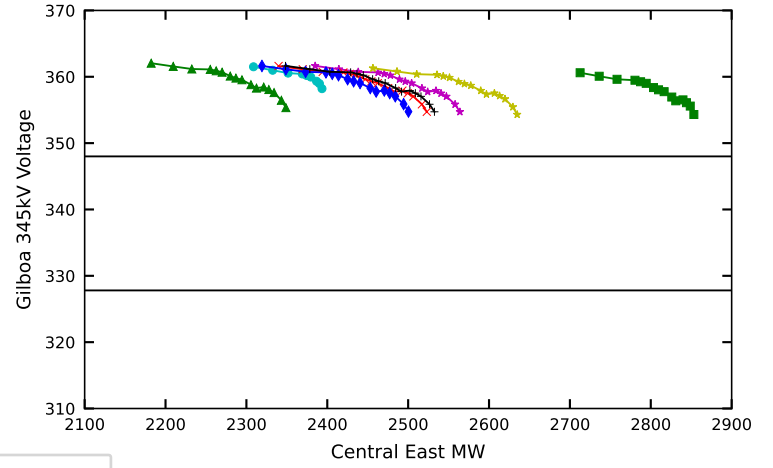
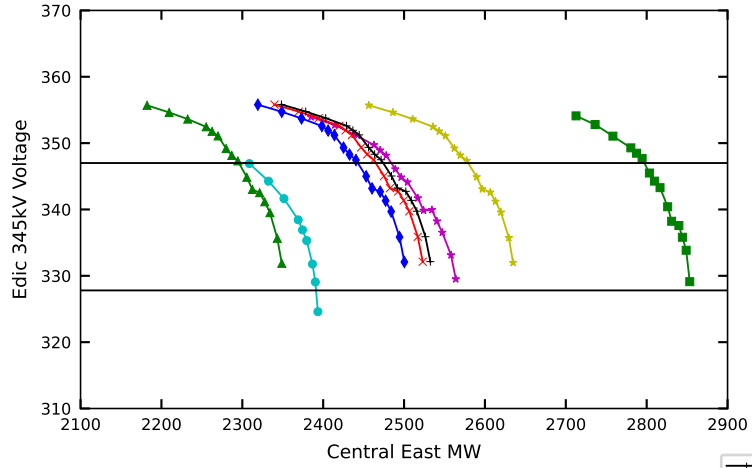
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S Figure 2



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S Figure 1



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 05

Interface: Central East

Transfer r MW	base	ce0 1	ce0 2	ce0 3	ce0 7	ce0 8	ce1 1	ce1 3	ce1 5	ce2 0	ce3 0	ce3 1	ce3 2	log0 9	log1 5
2348	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2378	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2403	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2428	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2436	t5	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2444	t6	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2456	t7	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2463	t8	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2471	t9	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2484	t1 0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2491	t1 1	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2502	t1 2	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2508	t1 3	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2515	t1 4	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2526	t1 5	0	2	1	0	2	0	2	0	2	0	0	0	0	0
2532	t1 6	0	2	2	0	2	0	2	0	2	0	0	0	0	1

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\2O\0S\Sum2023_CEVC_PH2_2O_0S.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 2O 0S

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2255 <E	Dunwoodie 345kV Voltage	Pre-Fault	98.9	NA	348	2255
2264 <E	Sprain Brook 345kV Voltage	Pre-Fault	99.1	NA	348	2264
2307	limit with 5% margin	Marcy South N.	NA	NA	NA	3046
2348	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2273
2390	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1755
2390	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1713
2390	limit with 5% margin	SBK Edic R945	NA	NA	NA	1755
2400	limit with 5% margin	Marcy South S.	NA	NA	NA	2908
2400	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2710
2405	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2372
2405	limit with 5% margin	Volney-Marcy	NA	NA	NA	2356
2405	limit with 5% margin	SBK Edic R70	NA	NA	NA	2435
2405	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2231
2405	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2396
2405	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2375
2405	limit with 5% margin	Ravenswood 3	NA	NA	NA	2503
2413	Clay 345kV Voltage	Marcy South N.	2.0	327.8	350.6	3202
2427	Edic 345kV Voltage	Marcy South N.	2.2	327.8	352.7	3206
2428	Marcy 345kV Voltage	Marcy South N.	2.2	327.8	352.8	3206
2447 >E	Pannell Road 345kV Voltage	Marcy South N.	3.3	327.8	350.1	3211
2451	Clay 345kV Voltage	SBK Marcy R3108	2.8	327.8	347.1	2384
2464	Clay 345kV Voltage	Pre-Fault	8.7	NA	345	2464
2464 >E	Station 80 345kV Voltage	Marcy South N.	3.9	327.8	349.7	3216
2465	Edic 345kV Voltage	SBK Marcy R3108	1.8	327.8	348.1	2391
2468	Marcy 345kV Voltage	Pre-Fault	9.8	NA	348	2468
2474	Edic 345kV Voltage	Pre-Fault	5.3	NA	347	2474
2480	Pannell Road 345kV Voltage	Pre-Fault	8.0	NA	346	2480
2483 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	2.5	327.8	346.1	2398
2483 >E	Gordon Rd 345kV Voltage	Marcy South N.	5.2	327.8	353.8	3221
2485	Station 80 345kV Voltage	Pre-Fault	3.7	NA	346	2485
2490 >E	Oakdale 345kV Voltage	Marcy South N.	3.9	320	356.0	3223
2495 >E	Station 80 345kV Voltage	SBK Marcy R3108	2.9	327.8	345.5	2402
2505	Clay 345kV Voltage	SBK Edic R945	1.7	327.8	337.9	1843
2505	Clay 345kV Voltage	Edic-Gordon Rd. 345	1.7	327.8	337.9	1843
2511	Clay 345kV Voltage	Marcy-N.Scot99 345	1.8	327.8	336.4	1801
2514	Edic 345kV Voltage	SBK Edic R945	1.5	327.8	340.1	1847
2514	Edic 345kV Voltage	Edic-Gordon Rd. 345	1.6	327.8	340.0	1847
2514	Marcy 345kV Voltage	SBK Edic R945	1.6	327.8	340.2	1847
2514	Marcy 345kV Voltage	Edic-Gordon Rd. 345	1.6	327.8	340.2	1847
2517	Gordon Rd 345kV Voltage	SBK Princetown 345	3.5	327.8	349.1	2335

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2518	Clay 345kV Voltage	Volney-Marcy	2.2	327.8	334.3	2470
2518	Clay 345kV Voltage	Ph2 DC 1500	2.1	327.8	334.0	2850
2519 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.3	320	348.0	2412
2522 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	2.0	327.8	338.1	1805
2524 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.0	327.8	337.9	1806
2524	Gordon Rd 345kV Voltage	Pre-Fault	6.3	NA	348	2524
2526 >E	Pannell Road 345kV Voltage	SBK Edic R945	2.3	327.8	338.8	1851
2527 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	2.3	327.8	338.7	1852
2527	Clay 345kV Voltage	SBK Edic R70	1.4	327.8	330.1	2559
2528 >E	Clay 345kV Voltage	Marcy South S.	2.3	327.8	330.5	3062
2529 >E	Edic 345kV Voltage	Ph2 DC 1500	2.2	327.8	334.8	2854
2530	Clay 345kV Voltage	SBK Princetown 345	1.4	327.8	328.5	2346
2530 >E	Marcy 345kV Voltage	Ph2 DC 1500	2.2	327.8	334.6	2854
2530	Clay 345kV Voltage	Ravenswood 3	1.4	327.8	328.2	2633
2531	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	1.4	327.8	327.9	2498
2531	Clay 345kV Voltage	N.Scot-Leeds 345	1.4	327.8	327.9	2496
2531	Clay 345kV Voltage	Princetown-N.Scot 345	1.4	327.8	327.8	2521
2533 >E	Millwood 345kV Voltage	Pre-Fault	13.9	NA	348	2533
2535 >E	Edic 345kV Voltage	SBK Edic R70	1.7	327.8	330.4	2566
2536 >E	Edic 345kV Voltage	Volney-Marcy	1.3	327.8	330.0	2482
2537 >E	Station 80 345kV Voltage	SBK Edic R945	2.7	327.8	338.8	1855
2537 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	2.9	327.8	336.8	1810
2537 >E	Marcy 345kV Voltage	Volney-Marcy	1.4	327.8	329.4	2483
2537 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	338.7	1855
2539 >E	Edic 345kV Voltage	SBK Princetown 345	1.6	327.8	328.1	2354
2539 >E	Edic 345kV Voltage	Ravenswood 3	1.6	327.8	328.0	2640
2539 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	1.6	327.8	327.9	2507
2539 >E	Edic 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	327.8	2503
2539 >E	Edic 345kV Voltage	Princetown-N.Scot 345	1.6	327.8	327.8	2530
2539 >E	Pannell Road 345kV Voltage	Volney-Marcy	1.8	327.8	333.4	2484
2539 >E	Edic 345kV Voltage	Marcy South S.	2.4	327.8	331.1	3069
2539 >E	Marcy 345kV Voltage	SBK Edic R70	1.6	327.8	327.8	2571
2539 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	1.6	327.8	327.8	2530
2539 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	1.6	327.8	327.8	2507
2539 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	327.8	2504
2539 >E	Marcy 345kV Voltage	SBK Princetown 345	1.6	327.8	327.8	2355
2539 >E	Marcy 345kV Voltage	Ravenswood 3	1.6	327.8	327.8	2641
2540 >E	St.Lawrence 230kV Voltage	Marcy South N.	9.9	218.5	231.7	3236

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2540 >E	Marcy 345kV Voltage	Marcy South S.	2.4	327.8	330.8	3069
2541 >E	Oakdale 345kV Voltage	Pre-Fault	2.0	NA	335	2541
2544 >E	Oakdale 345kV Voltage	SBK Edic R945	1.9	320	338.7	1858
2545 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	1.9	320	338.6	1858
2549 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	3.4	327.8	336.7	1814
2550 >E	Station 80 345kV Voltage	Volney-Marcy	2.4	327.8	333.3	2490
2550 >E	Pannell Road 345kV Voltage	SBK Edic R70	2.4	327.8	329.0	2581
2551 >E	Pannell Road 345kV Voltage	SBK Princetown 345	2.4	327.8	328.3	2366
2551 >E	Pannell Road 345kV Voltage	Ravenswood 3	2.4	327.8	328.2	2651
2552 >E	St.Lawrence 230kV Voltage	Pre-Fault	5.4	NA	225	2552
2552 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	327.9	2520
2552 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	327.9	2516
2552 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	327.8	2543
2552 >E	Buchanan North 345kV Voltage	Pre-Fault	15.1	NA	346	2552
2553 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	4.0	327.8	333.7	2864
2557 >E	Oakdale 345kV Voltage	Volney-Marcy	1.6	320	327.0	2494
2558 >E	New Scotland 345kV Voltage Alps	Pre-Fault	4.6	NA	348	2558
2558 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	4.6	NA	348	2558
2558 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.3	320	335.3	1817
2559 >E	Fraser 345kV Voltage	Pre-Fault	2.6	NA	338	2559
2562 >E	Somerset 345kV Voltage	Marcy South N.	6.6	327.8	349.9	3242
2564 >E	Station 80 345kV Voltage	SBK Edic R70	3.2	327.8	328.7	2595
2565 >E	Station 80 345kV Voltage	Ravenswood 3	3.2	327.8	328.3	2663
2566 >E	Station 80 345kV Voltage	SBK Princetown 345	3.1	327.8	328.2	2379
2567 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	3.1	327.8	327.9	2534
2567 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	3.1	327.8	327.9	2530
2567 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	3.1	327.8	327.8	2557
2567 >E	Pannell Road 345kV Voltage	Marcy South S.	4.4	327.8	331.0	3084
2568 >E	Oakdale 345kV Voltage	SBK Princetown 345	1.9	320	321.2	2381
2568 >E	Gilboa 345kV Voltage	Pre-Fault	5.4	NA	348	2568
2569 >E	Oakdale 345kV Voltage	Ravenswood 3	1.9	320	321.0	2666
2569 >E	Oakdale 345kV Voltage	SBK Edic R70	2.0	320	320.6	2600
2570 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	1.9	320	320.2	2537
2570 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	1.9	320	320.2	2533
2570 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.0	320	320.1	2561
2572 >E	Fraser 345kV Voltage	SBK Edic R945	2.7	327.8	344.7	1868
2573 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	344.5	1869
2574 >E	Station 80 345kV Voltage	Ph2 DC 1500	5.4	327.8	334.2	2873

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<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2576 >E	Coopers Corners 345kV Voltage	Pre-Fault	4.0	NA	338	2576
2576 >E	Fraser 345kV Voltage	SBK Marcy R3108	3.8	327.8	349.9	2434
2577 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	3.4	327.8	334.2	2545
2578 >E	Oakdale 345kV Voltage	Ph2 DC 1500	2.8	320	327.0	2875
2579 >E	St.Lawrence 230kV Voltage	Volney-Marcy	4.8	218.5	220.1	2506
2580 >E	Rock Tavern 345kV Voltage	Pre-Fault	10.3	NA	348	2580
2580 >E	Pleasant Valley 345kV Voltage	Pre-Fault	12.6	NA	348	2580
2582 >E	St.Lawrence 230kV Voltage	SBK Edic R70	5.0	218.5	219.4	2613
2584 >E	Gordon Rd 345kV Voltage	Marcy South S.	4.9	327.8	338.6	3094
2585 >E	St.Lawrence 230kV Voltage	Ravenswood 3	5.4	218.5	218.9	2680
2586 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	2.6	327.8	327.8	2548
2586 >E	Fraser 345kV Voltage	Volney-Marcy	2.6	327.8	327.8	2510
2586 >E	Fraser 345kV Voltage	SBK Edic R70	2.6	327.8	327.8	2616
2586 >E	Fraser 345kV Voltage	SBK Princetown 345	2.6	327.8	327.8	2398
2586 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	2.6	327.8	327.8	2576
2586 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	2.6	327.8	327.8	2553
2586 >E	Fraser 345kV Voltage	Ravenswood 3	2.6	327.8	327.8	2681
2587 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	5.4	218.5	218.5	2578
2587 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	5.4	218.5	218.5	2554
2587 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	5.4	218.5	218.5	2549
2588 >E	Somerset 345kV Voltage	SBK Marcy R3108	5.8	327.8	348.6	2439
2588 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	5.4	218.5	218.4	2400
2588 >E	Buchanan South 345kV Voltage	Pre-Fault	14.7	NA	346	2588
2591 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	330.5	2553
2592 >E	Coopers Corners 345kV Voltage	SBK Edic R945	4.5	327.8	345.1	1875
2593 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	344.9	1877
2593 >E	Oakdale 345kV Voltage	Marcy South S.	3.1	320	322.3	3099
2593 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	329.9	2584
2594 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.4	327.8	341.3	1830
2594 >E	St.Lawrence 230kV Voltage	SBK Edic R945	7.7	218.5	227.5	1876
2594 >E	Gordon Rd 345kV Voltage	Volney-Marcy	3.4	327.8	329.8	2514
2594 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.1	327.8	336.9	2882
2595 >E	Gordon Rd 345kV Voltage	Ravenswood 3	3.7	327.8	329.4	2689
2596 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	7.8	218.5	227.5	1878
2596 >E	Station 80 345kV Voltage	Marcy South S.	5.9	327.8	331.2	3100
2600 >E	New Scotland 345kV Voltage Alps	Marcy South N.	7.9	327.8	357.8	3252
2600 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	7.9	327.8	357.8	3252
2604 >E	Coopers Corners 345kV Voltage	Ravenswood 3	3.9	327.8	331.1	2696

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<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2604 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.9	327.8	327.1	2634
2605 >E	Ramapo 500kV Voltage	Ravenswood 3	15.2	500	505.6	2697
2605 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	6.6	327.8	346.4	2446
2608 >E	Watercure 230kV Voltage	Marcy South N.	9.4	207	233.3	3254
2608 >E	Watercure 230kV Voltage	SBK Marcy R3108	6.3	207	229.7	2447
2611 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.0	327.8	329.3	2640
2611 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	8.8	218.5	221.8	2889
2612 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	4.0	327.8	328.9	2422
2613 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	6.0	327.8	339.7	1836
2614 >E	Coopers Corners 345kV Voltage	Volney-Marcy	3.9	327.8	328.5	2525
2615 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	328.3	2575
2615 >E	Somerset 345kV Voltage	SBK Edic R945	5.2	327.8	342.4	1884
2616 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	4.0	327.8	328.0	2583
2617 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	4.0	327.8	327.9	2607
2617 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	5.2	327.8	342.2	1886
2619 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.6	327.8	342.6	1838
2622 >E	Fraser 345kV Voltage	Marcy South S.	4.2	327.8	327.8	3115
2622 >E	Fraser 345kV Voltage	Ph2 DC 1500	4.2	327.8	327.8	2893
2624 >E	Niagara 230kV East Voltage	Ph2 DC 1500	7.9	218.5	221.4	2894
2624 >E	Niagara 230kV West Voltage	Ph2 DC 1500	7.9	218.5	221.4	2894
2629 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	4.0	327.8	332.5	2588
2629 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	4.0	327.8	332.5	2588
2630 >E	Ramapo 345kV Voltage	Pre-Fault	16.4	NA	346	2630
2635 >E	St.Lawrence 230kV Voltage	Marcy South S.	9.6	218.5	219.5	3123
2637 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	10.8	218.5	225.7	1844
2639 >E	Somerset 345kV Voltage	Pre-Fault	8.6	NA	338	2639
2642 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	4.2	327.8	329.7	2540
2642 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	4.2	327.8	329.7	2540
2642 >E	Niagara 230kV East Voltage	Marcy South S.	8.8	218.5	219.5	3126
2642 >E	Niagara 230kV West Voltage	Marcy South S.	8.8	218.5	219.5	3126
2644 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	4.5	327.8	329.2	2731
2644 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	4.5	327.8	329.2	2731
2647 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	5.7	327.8	331.0	2904
2648 >E	Leeds 345kV Voltage	Pre-Fault	9.3	NA	345	2648
2649 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	4.6	327.8	328.2	2677
2649 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	4.6	327.8	328.2	2677
2649 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	6.6	327.8	339.5	1849
2650 >E	Watercure 230kV Voltage	SBK Edic R945	6.3	207	225.6	1897
2651 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	4.6	327.8	327.6	2641
2651 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	4.6	327.8	327.6	2641

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2653 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	6.4	207	225.5	1899
2653 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	4.7	327.8	327.2	2620
2653 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	4.7	327.8	327.2	2620
2654 >E	Somerset 345kV Voltage	Volney-Marcy	5.9	327.8	336.3	2547
2654 >E	Ladentown 345kV Voltage	Pre-Fault	16.8	NA	346	2654
2657 >E	Sprain Brook 345kV Voltage	Ravenswood 3	10.8	327.8	336.0	2742
2658 >E	Dunwoodie 345kV Voltage	Ravenswood 3	11.0	327.8	336.0	2744
2659 >E	New Scotland 345kV Voltage Alps	Marcy South S.	6.4	327.8	338.4	3136
2659 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	6.4	327.8	338.4	3136
2664 >E	Roseton 345kV Voltage	Pre-Fault	14.0	NA	345	2664
2666 >E	Marcy 345kV Voltage	SBK Marcy R3108	9.8	327.8	327.8	2470
2667 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	5.1	327.8	329.5	2625
2673 >E	Gilboa 345kV Voltage	Volney-Marcy	5.2	327.8	328.5	2558
2673 >E	Gilboa 345kV Voltage	Ravenswood 3	5.3	327.8	328.4	2757
2677 >E	Gilboa 345kV Voltage	Princeton-N.Scot 345	5.4	327.8	327.8	2667
2677 >E	Gilboa 345kV Voltage	SBK Edic R70	5.4	327.8	327.8	2705
2677 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	5.4	327.8	327.7	2643
2678 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	5.0	327.8	321.8	2483
2678 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	5.0	327.8	321.8	2483
2683 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	6.8	327.8	335.5	2919
2683 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	6.8	327.8	335.5	2919
2683 >E	Gilboa 345kV Voltage	SBK Princetown 345	5.5	327.8	326.6	2487
2689 >E	Ramapo 500kV Voltage	Ph2 DC 1500	32.1	500	505.3	2922
2695 >E	Millwood 345kV Voltage	Ravenswood 3	11.0	327.8	336.4	2776
2697 >E	Buchanan North 345kV Voltage	Ravenswood 3	11.4	327.8	336.4	2778
2699 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	9.9	327.8	341.3	2483
2702 >E	Bowline 1 345kV Voltage	Pre-Fault	17.2	NA	345	2702
2703 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	8.3	207	222.9	1867
2707 >E	Gilboa 345kV Voltage	Marcy South S.	7.6	327.8	335.3	3163
2710 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	19.8	500	500.6	2666
2711 >E	Gilboa 345kV Voltage	SBK Edic R945	7.2	327.8	343.5	1919
2712 >E	Ramapo 500kV Voltage	SBK Edic R70	19.9	500	500.5	2739
2714 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	7.3	327.8	343.3	1922
2715 >E	Ramapo 500kV Voltage	Volney-Marcy	20.4	500	500.3	2581
2719 >E	Niagara 345kV Voltage	Marcy South N.	10.5	327.8	347.0	3283
2719 >E	Buchanan South 345kV Voltage	Ravenswood 3	11.1	327.8	337.1	2797
2721 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	20.7	500	500.1	2686

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2721 >E	Ramapo 500kV Voltage	SBK Princetown 345	21.1	500	500.1	2521
2721 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	20.8	500	500.0	2711
2721 >E	Somerset 345kV Voltage	Ravenswood 3	8.6	327.8	328.4	2799
2722 >E	Ramapo 500kV Voltage	Pre-Fault	20.8	NA	500	2722
2723 >E	Bowline 2 345kV Voltage	Pre-Fault	18.5	NA	345	2723
2724 >E	Somerset 345kV Voltage	SBK Edic R70	8.8	327.8	328.2	2751
2724 >E	Somerset 345kV Voltage	SBK Princetown 345	8.6	327.8	328.2	2524
2725 >E	Rock Tavern 345kV Voltage	Ravenswood 3	8.8	327.8	333.9	2802
2726 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	8.6	327.8	327.9	2681
2726 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	8.6	327.8	327.9	2692
2727 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	8.6	327.8	327.8	2717
2746 >E	Gilboa 345kV Voltage	Ph2 DC 1500	8.3	327.8	330.9	2946
2747 >E	Ramapo 500kV Voltage	SBK Edic R945	28.5	500	506.1	1933
2751 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	28.9	500	506.0	1936
2755 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	8.6	327.8	338.5	1935
2755 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	8.6	327.8	338.5	1935
2757 >E	Gordon Rd 345kV Voltage	SBK Edic R945	8.9	327.8	325.4	1936
2757 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	12.9	327.8	328.5	2710
2758 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	8.7	327.8	338.2	1939
2758 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	8.7	327.8	338.2	1939
2760 >E	Sprain Brook 345kV Voltage	SBK Edic R70	13.1	327.8	328.2	2787
2761 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	325.1	1940
2761 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	13.2	327.8	328.5	2714
2763 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	8.9	327.8	340.0	1887
2764 >E	Dunwoodie 345kV Voltage	SBK Edic R70	13.4	327.8	328.2	2790
2767 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	13.4	327.8	327.8	2756
2767 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	13.4	327.8	327.7	2732
2768 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	22.3	218.5	225.4	2510
2770 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	13.7	327.8	327.8	2760
2771 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	13.7	327.8	327.7	2736
2772 >E	Ramapo 345kV Voltage	Ravenswood 3	11.9	327.8	337.4	2842
2774 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	11.4	327.8	332.6	2844
2774 >E	Sprain Brook 345kV Voltage	Volney-Marcy	13.7	327.8	327.2	2613
2775 >E	Ladentown 345kV Voltage	Ravenswood 3	11.5	327.8	338.8	2845
2775 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	13.7	327.8	327.1	2572
2778 >E	Dunwoodie 345kV Voltage	Volney-Marcy	14.0	327.8	327.2	2615
2779 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	14.0	327.8	327.1	2575
2780 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	10.0	327.8	328.5	2732

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2781 >E	Rock Tavern 345kV Voltage	SBK Edic R70	10.2	327.8	328.5	2807
2788 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	10.3	327.8	327.8	2752
2788 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	10.3	327.8	327.8	2778
2788 >E	Rock Tavern 345kV Voltage	Volney-Marcy	10.2	327.8	327.8	2621
2789 >E	Gilboa 345kV Voltage	SBK Marcy R3108	10.5	327.8	348.7	2518
2790 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	10.4	327.8	327.6	2585
2792 >E	Niagara 345kV Voltage	SBK Edic R945	10.2	327.8	346.0	1949
2792 >E	Bowline 1 345kV Voltage	Ravenswood 3	11.5	327.8	339.7	2860
2797 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	345.8	1953
2797 >E	Bowline 2 345kV Voltage	Ravenswood 3	11.5	327.8	341.0	2864
2801 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	13.3	327.8	328.8	2751
2801 >E	Niagara 230kV East Voltage	SBK Edic R945	21.0	218.5	228.4	1953
2801 >E	Niagara 230kV West Voltage	SBK Edic R945	21.0	218.5	228.4	1953
2805 >E	Millwood 345kV Voltage	SBK Edic R70	13.6	327.8	328.4	2830
2806 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	21.4	218.5	228.3	1957
2806 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	21.4	218.5	228.3	1957
2808 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	9.3	327.8	327.8	2759
2808 >E	Leeds 345kV Voltage	Volney-Marcy	9.3	327.8	327.8	2632
2808 >E	Leeds 345kV Voltage	SBK Edic R70	9.3	327.8	327.8	2833
2808 >E	Leeds 345kV Voltage	SBK Princetown 345	9.3	327.8	327.8	2602
2808 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	9.3	327.8	327.8	2798
2808 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	9.3	327.8	327.8	2773
2808 >E	Leeds 345kV Voltage	Ravenswood 3	9.3	327.8	327.8	2874
2812 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	14.4	327.8	328.8	2762
2814 >E	Buchanan North 345kV Voltage	SBK Edic R70	14.5	327.8	328.6	2839
2814 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	13.9	327.8	327.8	2804
2815 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	13.9	327.8	327.7	2779
2816 >E	Niagara 230kV East Voltage	Marcy South N.	27.2	218.5	229.8	3309
2816 >E	Niagara 230kV West Voltage	Marcy South N.	27.2	218.5	229.8	3309
2816 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	11.9	327.8	329.2	2766
2817 >E	Niagara 345kV Voltage	SBK Marcy R3108	12.4	327.8	351.7	2529
2819 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	37.0	500	505.0	1906
2822 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	10.8	327.8	333.5	1907
2822 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	10.8	327.8	333.5	1907
2824 >E	Millwood 345kV Voltage	Volney-Marcy	14.3	327.8	327.1	2640
2826 >E	Millwood 345kV Voltage	SBK Princetown 345	14.3	327.8	326.9	2618
2827 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	15.1	327.8	327.8	2816
2827 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr	15.1	327.8	327.8	2791

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2829 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	12.2	327.8	346.0	2534
2829 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	12.2	327.8	346.0	2534
2830 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	12.5	327.8	328.1	2855
2832 >E	Roseton 345kV Voltage	Ravenswood 3	12.4	327.8	333.1	2895
2835 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	12.6	327.8	327.8	2825
2836 >E	Buchanan North 345kV Voltage	SBK Princetown 345	15.5	327.8	327.2	2627
2836 >E	Buchanan North 345kV Voltage	Volney-Marcy	15.5	327.8	327.2	2647
2837 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	12.6	327.8	327.6	2801
2837 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	12.6	327.8	327.6	2648
2839 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	14.0	327.8	329.0	2787
2842 >E	Buchanan South 345kV Voltage	SBK Edic R70	14.2	327.8	328.7	2867
2852 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	13.0	327.8	326.4	2642
2855 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	14.7	327.8	327.8	2845
2856 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	14.7	327.8	327.8	2820
2868 >E	Buchanan South 345kV Voltage	Volney-Marcy	15.2	327.8	327.0	2665
2868 >E	Buchanan South 345kV Voltage	SBK Princetown 345	15.1	327.8	326.9	2657
2872 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	18.8	327.8	328.8	2999
2878 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	13.1	327.8	342.7	1927
2884 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	19.3	327.8	328.9	3004
2884 >E	Rock Tavern 345kV Voltage	SBK Edic R945	15.3	327.8	342.7	1983
2888 >E	Gardenville 230kV Voltage	Ph2 DC 1500	14.1	207	214.2	3006
2889 >E	Niagara 230kV East Voltage	SBK Marcy R3108	28.9	218.5	231.1	2557
2889 >E	Niagara 230kV West Voltage	SBK Marcy R3108	28.9	218.5	231.1	2557
2890 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	15.5	327.8	342.5	1988
2891 >E	Leeds 345kV Voltage	Marcy South S.	13.0	327.8	334.8	3267
2892 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	14.5	327.8	330.5	3008
2893 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	13.6	327.8	328.8	2838
2895 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	27.4	218.5	226.8	1932
2895 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	27.4	218.5	226.8	1932
2897 >E	Niagara 230kV East Voltage	Pre-Fault	53.8	NA	225	2897
2897 >E	Niagara 230kV West Voltage	Pre-Fault	53.8	NA	225	2897
2897 >E	Niagara 345kV Voltage	Volney-Marcy	12.5	327.8	339.5	2681
2900 >E	Roseton 345kV Voltage	SBK Edic R70	13.9	327.8	328.2	2923
2906 >E	Niagara 230kV East Voltage	Volney-Marcy	29.2	218.5	224.8	2686
2906 >E	Niagara 230kV West Voltage	Volney-Marcy	29.2	218.5	224.8	2686
2906 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	14.0	327.8	327.8	2896
2907 >E	Ramapo 345kV Voltage	SBK Edic R70	15.6	327.8	329.1	2929
2907 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	15.6	327.8	329.1	2852

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2907 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	14.1	327.8	327.7	2870
2909 >E	Roseton 345kV Voltage	Volney-Marcy	14.1	327.8	327.6	2688
2916 >E	Roseton 345kV Voltage	SBK Princetown 345	14.3	327.8	327.1	2701
2927 >E	Niagara 345kV Voltage	Pre-Fault	19.8	NA	338	2927
2928 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	16.4	327.8	327.8	2917
2928 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	16.4	327.8	327.8	2890
2930 >E	Dunwoodie 345kV Voltage	Marcy South S.	22.3	327.8	325.9	3289
2933 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	15.8	327.8	329.4	2877
2934 >E	Ladentown 345kV Voltage	SBK Edic R70	15.9	327.8	329.4	2956
2934 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	21.0	327.8	331.2	3025
2937 >E	Millwood 345kV Voltage	Ph2 DC 1500	19.5	327.8	329.7	3027
2939 >E	Ramapo 345kV Voltage	SBK Princetown 345	16.8	327.8	327.1	2722
2943 >E	Ramapo 345kV Voltage	Volney-Marcy	16.9	327.8	326.9	2706
2946 >E	Pleasant Valley 345kV Voltage	Marcy South S.	19.1	327.8	331.2	3298
2947 >E	Gardenville 230kV Voltage	Marcy South S.	16.5	207	211.0	3298
2951 >E	Sprain Brook 345kV Voltage	Marcy South S.	23.3	327.8	325.7	3300
2959 >E	Bowline 1 345kV Voltage	SBK Edic R70	15.9	327.8	330.0	2981
2960 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	16.8	327.8	327.8	2949
2960 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	16.8	327.8	327.8	2922
2961 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	15.9	327.8	329.9	2903
2975 >E	Gardenville 230kV Voltage	SBK Edic R945	18.1	207	225.5	2017
2976 >E	Ladentown 345kV Voltage	SBK Princetown 345	17.4	327.8	326.8	2756
2981 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	18.3	327.8	329.5	3045
2983 >E	Ladentown 345kV Voltage	Volney-Marcy	17.6	327.8	326.4	2728
2984 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	18.5	207	225.3	2024
2984 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	20.4	327.8	330.9	3047
2993 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	19.5	327.8	339.3	1966
2996 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	17.2	327.8	327.9	2985
2997 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	17.2	327.8	327.8	2959
3000 >E	Leeds 345kV Voltage	Ph2 DC 1500	15.6	327.8	327.8	3053
3008 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	17.3	327.8	329.5	2948
3008 >E	Bowline 2 345kV Voltage	SBK Edic R70	17.4	327.8	329.5	3029
3011 >E	Gardenville 230kV Voltage	Marcy South N.	23.3	207	229.7	3361
3021 >E	Bowline 1 345kV Voltage	SBK Princetown 345	18.0	327.8	326.4	2798
3023 >E	Ramapo 500kV Voltage	SBK Marcy R3108	57.7	500	505.3	2610
3031 >E	Millwood 345kV Voltage	Marcy South S.	24.2	327.8	325.4	3345
3037 >E	Bowline 1 345kV Voltage	Volney-Marcy	18.6	327.8	325.5	2758

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3039 >E	Watercure 230kV Voltage	Volney-Marcy	21.4	207	229.7	2759
3039 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	18.4	327.8	327.8	3029
3040 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	18.5	327.8	327.8	3001
3058 >E	Ramapo 500kV Voltage	Marcy South S.	58.9	500	495.8	3361
3059 >E	Bowline 2 345kV Voltage	SBK Princetown 345	19.1	327.8	326.8	2832
3068 >E	Bowline 2 345kV Voltage	Volney-Marcy	19.4	327.8	326.3	2775
3068 >E	Ramapo 345kV Voltage	Ph2 DC 1500	22.7	327.8	332.6	3082
3069 >E	Gardenville 230kV Voltage	SBK Marcy R3108	23.1	207	229.7	2628
3085 >E	Roseton 345kV Voltage	Ph2 DC 1500	20.6	327.8	329.8	3089
3094 >E	Leeds 345kV Voltage	Marcy South N.	21.7	327.8	357.8	3383
3108 >E	Niagara 345kV Voltage	Ravenswood 3	19.5	327.8	328.8	3134
3109 >E	Ladentown 345kV Voltage	Ph2 DC 1500	23.1	327.8	333.6	3099
3118 >E	Niagara 345kV Voltage	SBK Edic R70	19.8	327.8	328.3	3136
3121 >E	Niagara 345kV Voltage	SBK Princetown 345	19.6	327.8	328.2	2889
3127 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	19.8	327.8	327.9	3060
3127 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	19.8	327.8	327.9	3087
3128 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	19.8	327.8	327.8	3117
3131 >E	Rainey 345kV Voltage	Ravenswood 3	28.6	327.8	341.6	3154
3139 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	24.2	207	222.5	2015
3148 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	23.1	327.8	335.9	3116
3156 >E	Gilboa 345kV Voltage	Marcy South N.	24.3	327.8	358.3	3399
3167 >E	Buchanan South 345kV Voltage	Marcy South S.	27.7	327.8	323.2	3422
3167 >E	Farragut 345kV Voltage	Ravenswood 3	30.2	327.8	340.8	3186
3184 >E	Buchanan North 345kV Voltage	SBK Edic R945	33.8	327.8	338.2	2094
3191 >E	Niagara 230kV East Voltage	Ravenswood 3	50.6	218.5	219.5	3206
3191 >E	Niagara 230kV West Voltage	Ravenswood 3	50.6	218.5	219.5	3206
3193 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	34.2	327.8	338.0	2103
3208 >E	Niagara 230kV East Voltage	SBK Edic R70	51.8	218.5	219.2	3223
3208 >E	Niagara 230kV West Voltage	SBK Edic R70	51.8	218.5	219.2	3223
3219 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	25.3	327.8	334.0	3146
3219 >E	Buchanan North 345kV Voltage	Marcy South S.	31.6	327.8	319.7	3451
3222 >E	Ramapo 345kV Voltage	SBK Edic R945	29.4	327.8	341.6	2108
3232 >E	Niagara 230kV East Voltage	SBK Princetown 345	52.9	218.5	218.8	2991
3232 >E	Niagara 230kV West Voltage	SBK Princetown 345	52.9	218.5	218.8	2991
3232 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	29.8	327.8	341.4	2118
3243 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	53.6	218.5	218.6	3170
3243 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	53.6	218.5	218.6	3170
3244 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	53.6	218.5	218.6	3202

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3244 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	53.6	218.5	218.6	3202
3246 >E	Niagara 230kV East Voltage	Princeton-N.Scot 345	53.7	218.5	218.5	3234
3246 >E	Niagara 230kV West Voltage	Princeton-N.Scot 345	53.7	218.5	218.5	3234
3283 >E	Roseton 345kV Voltage	Marcy South S.	27.6	327.8	320.9	3487
3297 >E	Rainey 345kV Voltage	Pre-Fault	46.1	NA	338	3297
3302 >E	Farragut 345kV Voltage	Pre-Fault	48.0	NA	338	3302
3332 >E	Roseton 345kV Voltage	SBK Edic R945	30.0	327.8	338.9	2148
3341 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	30.3	327.8	338.7	2159
3360 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	33.7	327.8	341.0	2742
3362 >E	Ladentown 345kV Voltage	SBK Edic R945	33.1	327.8	342.2	2159
3373 >E	Buchanan South 345kV Voltage	SBK Edic R945	37.8	327.8	338.3	2164
3374 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	33.6	327.8	342.0	2171
3381 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	27.9	327.8	327.8	2174
3381 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	27.9	327.8	327.8	2098
3381 >E	Leeds 345kV Voltage	SBK Edic R945	27.9	327.8	327.8	2167
3384 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	38.2	327.8	338.2	2175
3387 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	34.0	327.8	334.1	2169
3391 >E	Millwood 345kV Voltage	SBK Edic R945	41.0	327.8	336.4	2170
3395 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	34.3	327.8	333.9	2179
3401 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	41.5	327.8	336.2	2181
3423 >E	Bowline 1 345kV Voltage	SBK Edic R945	33.4	327.8	344.1	2182
3431 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	45.8	327.8	334.5	2115
3435 >E	Sprain Brook 345kV Voltage	SBK Edic R945	49.4	327.8	334.9	2187
3437 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	33.9	327.8	344.0	2195
3444 >E	Dunwoodie 345kV Voltage	SBK Edic R945	50.1	327.8	334.8	2190
3446 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	50.0	327.8	334.8	2198
3452 >E	Goethals 345kV Voltage	Ravenswood 3	41.6	327.8	339.5	3432
3455 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	50.6	327.8	334.7	2201
3504 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	40.7	327.8	337.2	2140
3515 >E	Bowline 2 345kV Voltage	SBK Edic R945	36.2	327.8	343.3	2216
3520 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	36.6	327.8	335.1	2145
3529 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	36.7	327.8	343.1	2230
3550 >E	Goethals 345kV Voltage	Pre-Fault	65.0	NA	338	3550
3565 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	40.5	327.8	330.2	2161
3618 >E	Ladentown 345kV Voltage	Marcy South S.	39.4	327.8	316.1	3676
3643 >E	Ramapo 345kV Voltage	Marcy South S.	41.1	327.8	311.7	3690
3686 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	54.4	327.8	332.1	2202
3695 >E	Rock Tavern 345kV Voltage	Marcy South S.	37.2	327.8	280.7	3719
3697 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	51.6	327.8	333.7	2206
3719 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	44.3	327.8	328.8	3621

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3737 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	64.9	327.8	331.2	2219
3740 >E	Rainey 345kV Voltage	SBK Edic R70	45.1	327.8	328.4	3743
3743 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	46.1	327.8	328.8	3643
3747 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	65.7	327.8	331.1	2222
3751 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	47.9	327.8	336.8	2224
3764 >E	Farragut 345kV Voltage	SBK Edic R70	47.0	327.8	328.4	3766
3768 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	46.1	327.8	327.8	3755
3770 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	46.2	327.8	327.7	3721
3792 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	48.0	327.8	327.8	3779
3794 >E	Bowline 1 345kV Voltage	Marcy South S.	43.5	327.8	315.8	3775
3794 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	48.0	327.8	327.7	3745
3801 >E	Rainey 345kV Voltage	Volney-Marcy	47.3	327.8	327.1	3178
3802 >E	Rainey 345kV Voltage	SBK Princetown 345	47.2	327.8	327.1	3514
3806 >E	Bowline 2 345kV Voltage	Marcy South S.	43.2	327.8	315.6	3782
3827 >E	Farragut 345kV Voltage	SBK Princetown 345	49.1	327.8	327.1	3537
3827 >E	Farragut 345kV Voltage	Volney-Marcy	49.2	327.8	327.1	3192
3878 >E	Watercure 230kV Voltage	Ph2 DC 1500	58.7	207	240.8	3424
3910 >E	Pleasant Valley 345kV Voltage	Marcy South N.	60.7	327.8	357.0	3599
3963 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	52.9	327.8	337.3	2296
3978 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	52.7	327.8	337.5	2301
4027 >E	Coopers Corners 345kV Voltage	Marcy South S.	36.5	327.8	109.2	3906
4028 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	75.2	327.8	336.3	3005
4101 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	63.2	327.8	336.2	3034
4147 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	62.4	327.8	328.8	4026
4163 >E	Ramapo 345kV Voltage	SBK Marcy R3108	67.2	327.8	339.1	3058
4176 >E	Goethals 345kV Voltage	SBK Edic R70	63.6	327.8	328.4	4169
4214 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	65.0	327.8	327.8	4199
4217 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	65.1	327.8	327.7	4162
4221 >E	Roseton 345kV Voltage	SBK Marcy R3108	62.5	327.8	338.4	3081
4258 >E	Goethals 345kV Voltage	SBK Princetown 345	66.5	327.8	327.1	3933
4261 >E	Goethals 345kV Voltage	Volney-Marcy	66.7	327.8	327.1	3431
4323 >E	Leeds 345kV Voltage	SBK Marcy R3108	57.5	327.8	327.8	3121
4420 >E	Millwood 345kV Voltage	SBK Marcy R3108	89.9	327.8	335.1	3160
4448 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	85.0	327.8	336.4	3171
4503 >E	Rainey 345kV Voltage	Ph2 DC 1500	73.1	327.8	330.6	3689
4524 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	108.6	327.8	333.7	3201
4542 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	110.1	327.8	333.5	3208
4553 >E	Ladentown 345kV Voltage	SBK Marcy R3108	78.7	327.8	339.1	3212

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4570 >E	Farragut 345kV Voltage	Ph2 DC 1500	77.1	327.8	330.6	3717
4894 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	86.6	327.8	339.8	3346
4922 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	86.3	327.8	340.0	3357
5011 >E	Rainey 345kV Voltage	Marcy South S.	91.9	327.8	324.4	4460
5112 >E	Farragut 345kV Voltage	Marcy South S.	97.6	327.8	324.4	4517
5227 >E	Goethals 345kV Voltage	Ph2 DC 1500	103.6	327.8	330.8	3995
5510 >E	Watercure 230kV Voltage	SBK Princetown 345	118.4	207	215.6	5082
5520 >E	Watercure 230kV Voltage	Ravenswood 3	119.5	207	215.6	5227
5617 >E	Watercure 230kV Voltage	Pre-Fault	175.9	NA	215	5617
5992 >E	Goethals 345kV Voltage	Marcy South S.	133.0	327.8	324.4	5012
6075 >E	Somerset 345kV Voltage	Ph2 DC 1500	174.6	327.8	454.5	4354
6651 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	161.7	207	209.1	6564
6694 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	163.3	207	208.9	6438
6765 >E	Rainey 345kV Voltage	SBK Edic R945	156.7	327.8	338.4	3414
6816 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	158.6	327.8	338.2	3468
6819 >E	Farragut 345kV Voltage	SBK Edic R945	162.0	327.8	338.2	3434
6872 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	163.9	327.8	338.0	3490
6907 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	171.5	207	207.7	6885
7301 >E	Watercure 230kV Voltage	SBK Edic R70	189.1	207	205.4	7221
8094 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	205.2	327.8	333.3	3704
8160 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	212.0	327.8	333.2	3726
8328 >E	Goethals 345kV Voltage	SBK Edic R945	222.6	327.8	338.2	3990
8392 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	225.0	327.8	338.0	4062
10144 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	291.6	327.8	333.3	4402
12040 >E	Rainey 345kV Voltage	SBK Marcy R3108	351.8	327.8	335.9	6157
12159 >E	Farragut 345kV Voltage	SBK Marcy R3108	363.6	327.8	335.8	6204
15943 >E	Goethals 345kV Voltage	SBK Marcy R3108	515.0	327.8	335.4	7693
20026 >E	Northport 138kV Voltage	SBK Edic R945	1377.4	131.1	136.0	8304
20187 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1390.0	131.1	135.9	8509
21814 >E	Watercure 230kV Voltage	Marcy South S.	758.6	207	349.3	13921
25480 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1805.4	131.1	133.6	9628
45490	Northport 138kV Voltage	SBK Marcy R3108	3382.2	131.1	134.8	19317

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Bowline 1 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Bowline 2 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Buchanan North 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Buchanan South 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Coopers Corners 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Fraser 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
>E						
99998	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	Ladentown 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Millwood 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

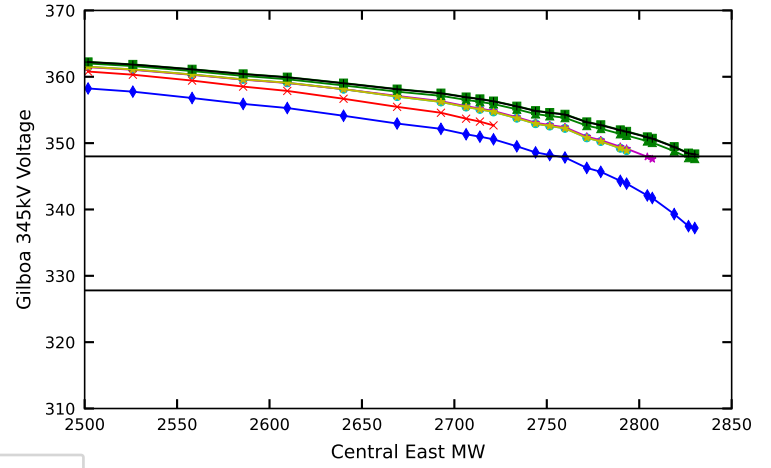
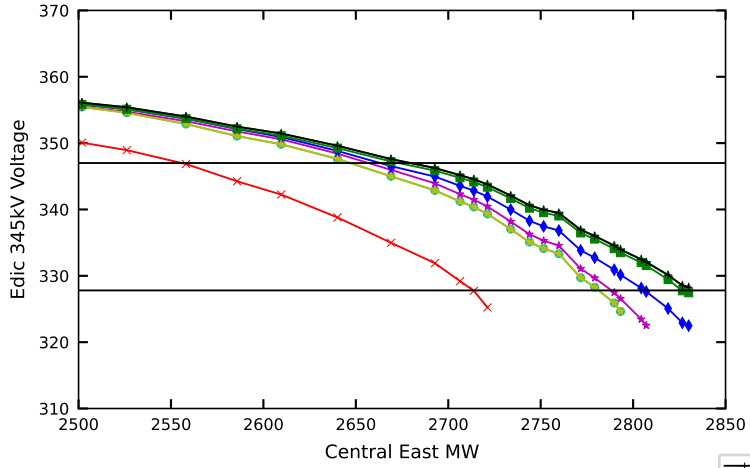
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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 20 0S

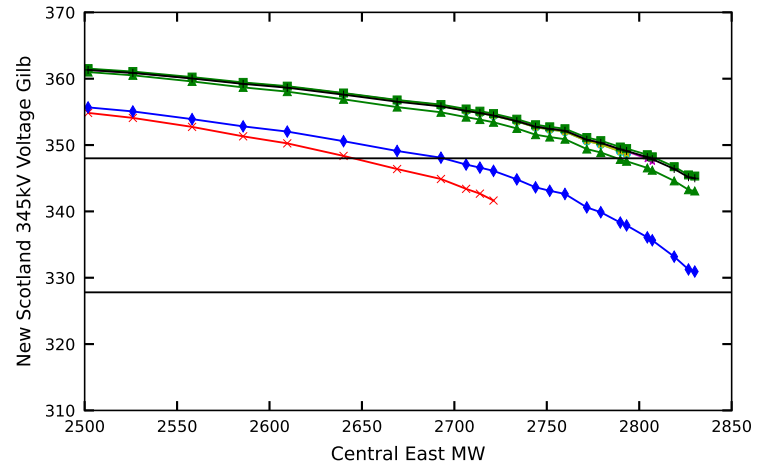
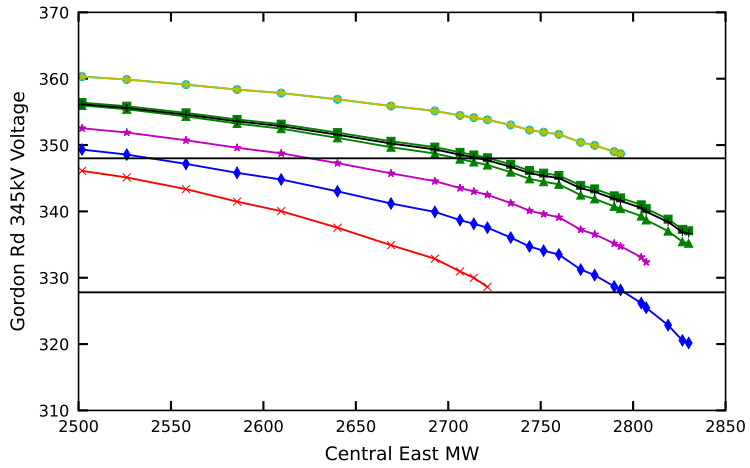
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998
99998 >E	Rainey 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
99998 >E	Ramapo 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
99998 >E	Ramapo 500kV Voltage	Marcy South N.	NA	500	NA	99998
99998 >E	Rock Tavern 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
99998 >E	Roseton 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Sprain Brook 345kV Voltage	Marcy South N.	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

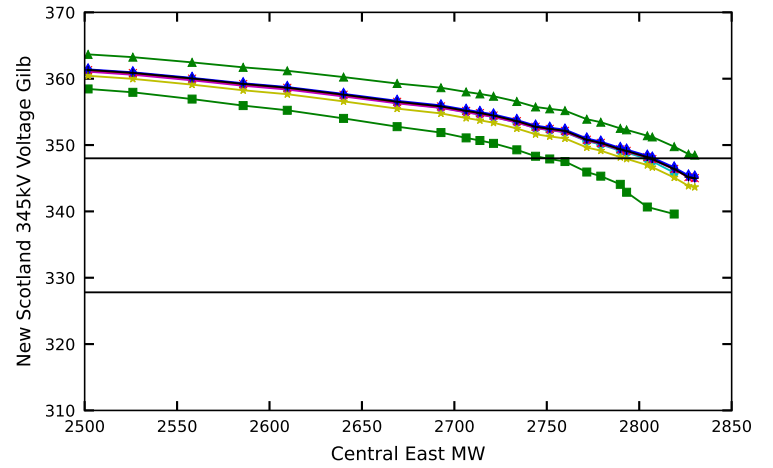
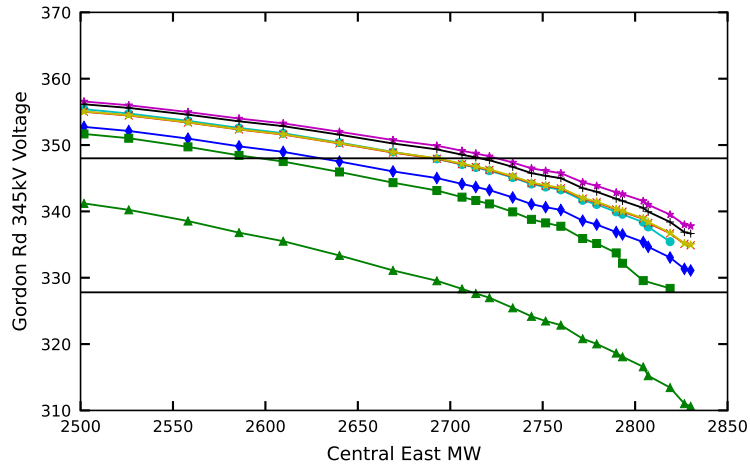
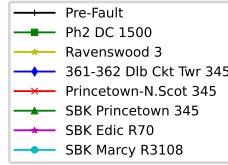
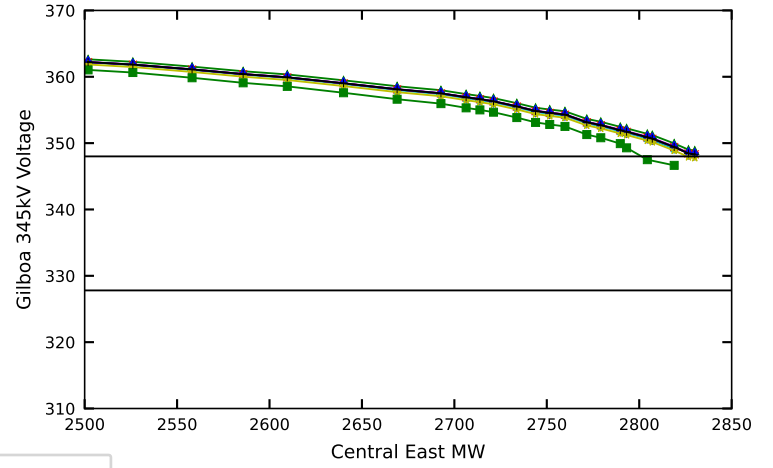
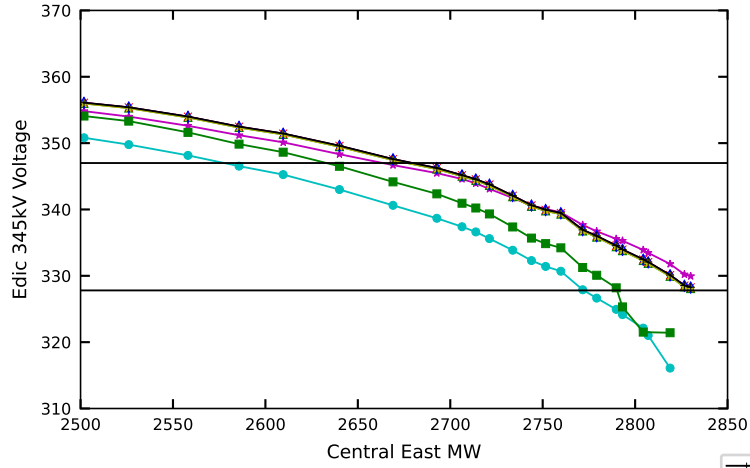
1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A Figure 1



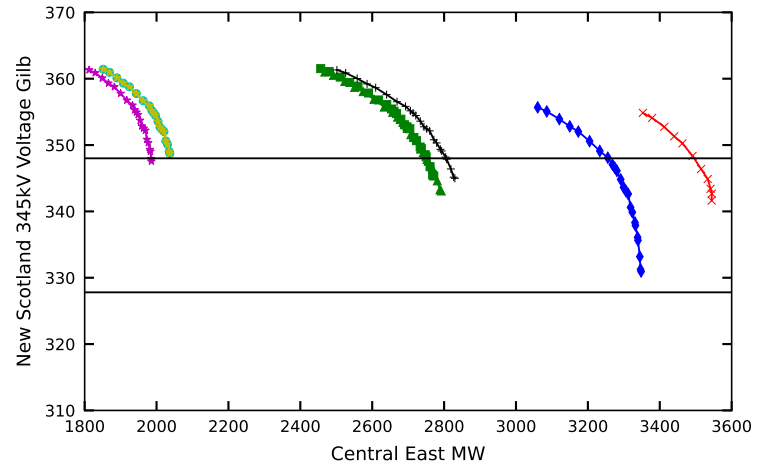
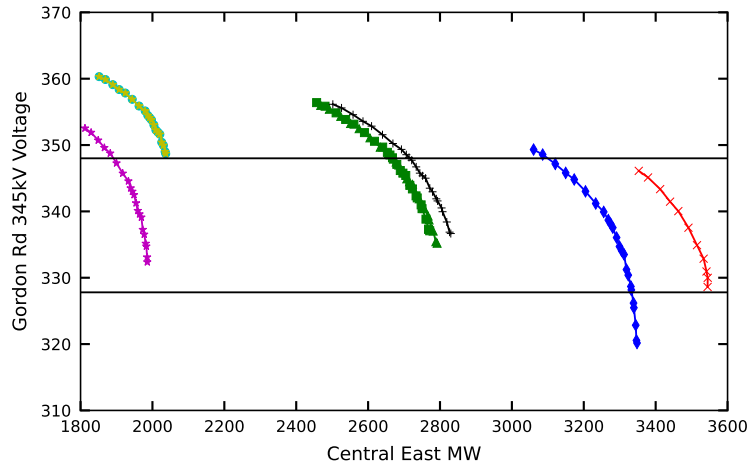
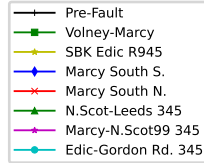
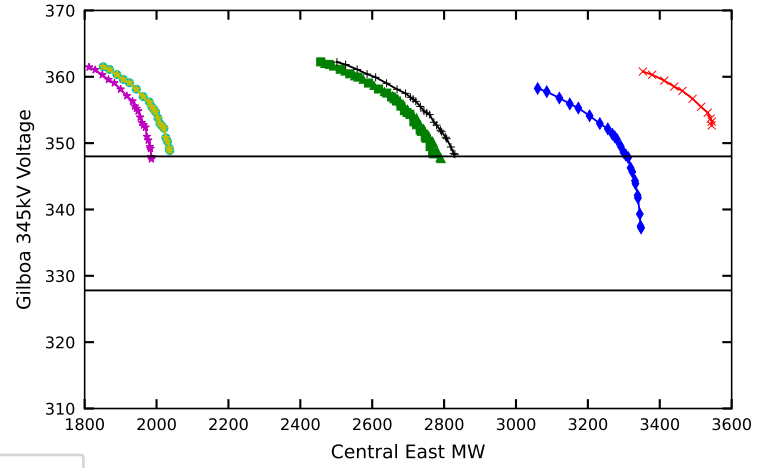
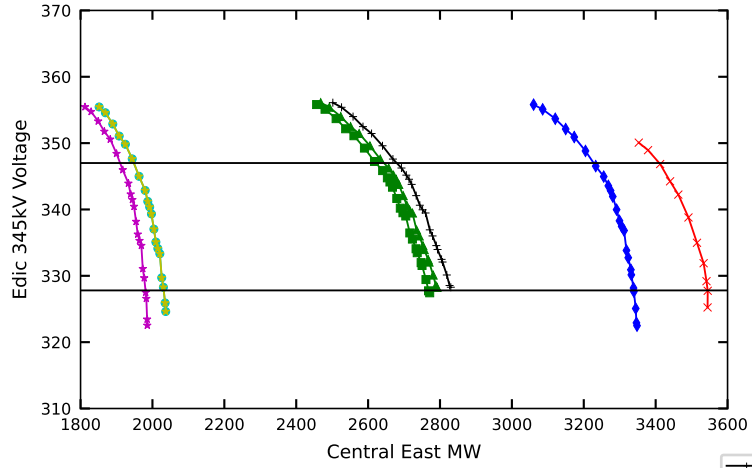
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



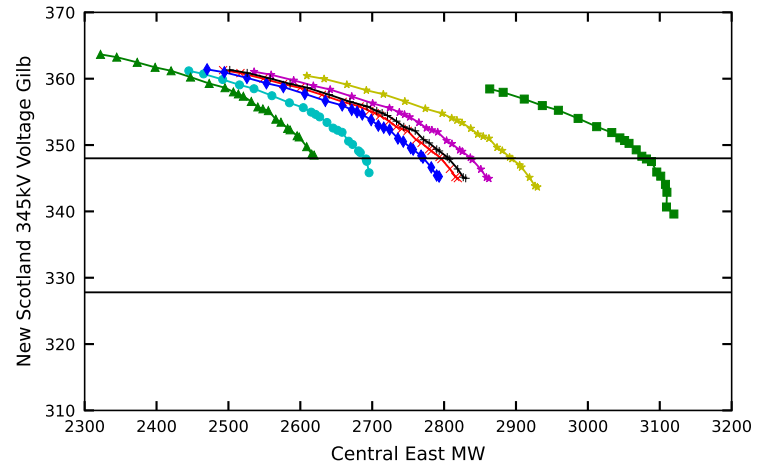
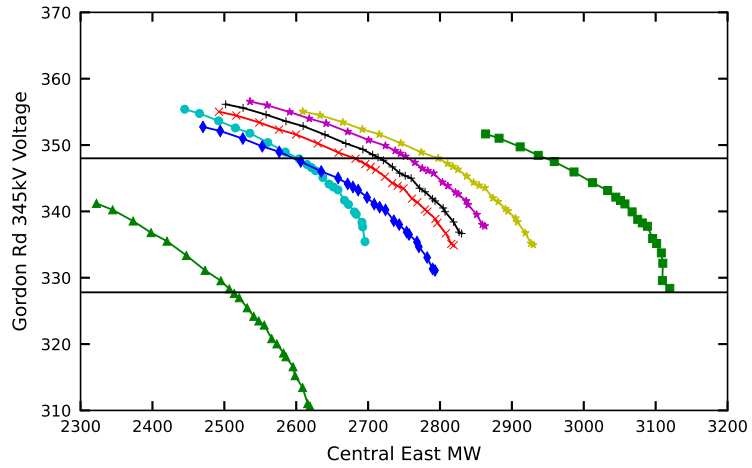
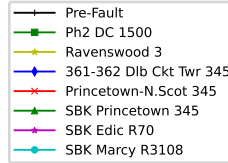
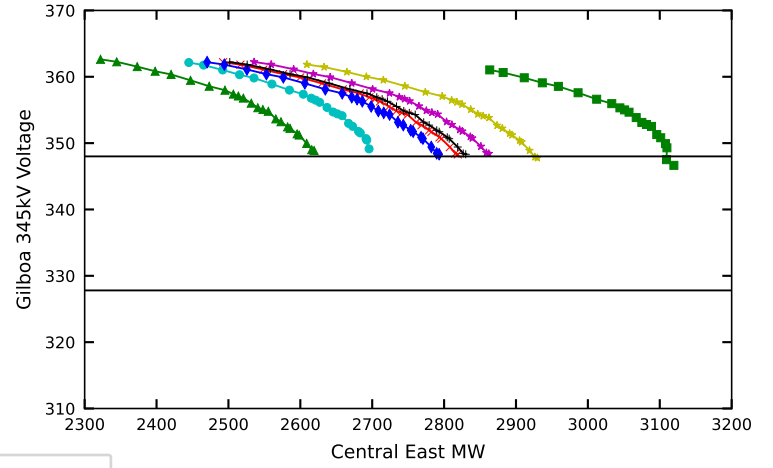
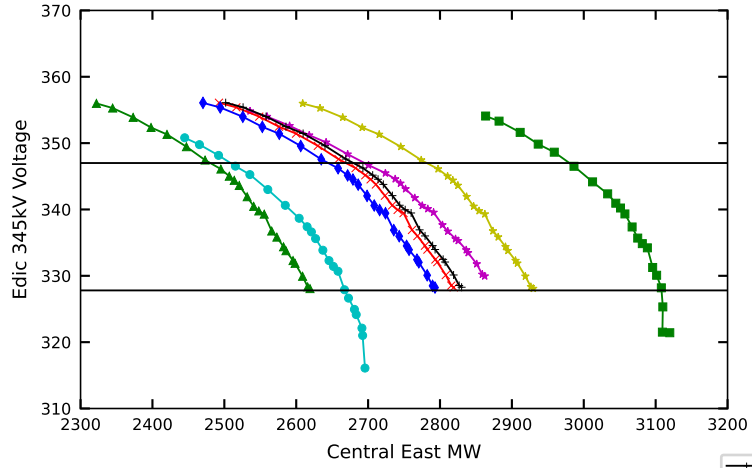
1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A Figure 2



1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A Figure 1



1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A Figure 2



Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\1A\Sum2023_CEVC_PH2_20_1A.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2501	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2526	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2558	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2585	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2609	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2640	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2669	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2692	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2706	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2713	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2721	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2733	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2743	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2751	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2759	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2771	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2779	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2789	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2793	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2804	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	0															
2807	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	1
	1															
2818	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	0
	2															
2826	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	3															
2830	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	4															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Ravensw

ood 3

log15) 0 1 0 2 2

Ph2 DC

1500

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\1A\Sum2023_CEVC_PH2_20_1A.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2438 <E	Dunwoodie 345kV Voltage	Pre-Fault	98.6	NA	348	2438
2448 <E	Sprain Brook 345kV Voltage	Pre-Fault	98.7	NA	348	2448
2578	limit with 5% margin	Marcy South N.	NA	NA	NA	3367
2653	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1935
2653	limit with 5% margin	SBK Edic R945	NA	NA	NA	1935
2653	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2954
2664	Marcy 345kV Voltage	Pre-Fault	14.3	NA	348	2664
2666	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1886
2677	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2560
2679	Edic 345kV Voltage	Pre-Fault	17.6	NA	347	2679
2688	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2652
2688	limit with 5% margin	Marcy South S.	NA	NA	NA	3180
2688	limit with 5% margin	Volney-Marcy	NA	NA	NA	2632
2688	limit with 5% margin	SBK Edic R70	NA	NA	NA	2719
2688	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2488
2688	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2678
2688	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2653
2688	limit with 5% margin	Ravenswood 3	NA	NA	NA	2783
2711	Gordon Rd 345kV Voltage	SBK Princetown 345	10.7	327.8	348.2	2512
2713	Edic 345kV Voltage	Marcy South N.	5.1	327.8	344.6	3544
2715 >E	Marcy 345kV Voltage	Marcy South N.	5.1	327.8	344.5	3545
2716	Gordon Rd 345kV Voltage	Pre-Fault	17.1	NA	348	2716
2721	Pannell Road 345kV Voltage	Pre-Fault	8.7	NA	346	2721
2721	Station 80 345kV Voltage	Pre-Fault	15.2	NA	346	2721
2722	Millwood 345kV Voltage	Pre-Fault	45.1	NA	348	2722
2729 >E	Clay 345kV Voltage	Marcy South N.	5.8	327.8	345.6	3551
2729	Clay 345kV Voltage	Pre-Fault	9.6	NA	345	2729
2730 >E	Gordon Rd 345kV Voltage	Marcy South N.	7.8	327.8	347.2	3552
2772 >E	Oakdale 345kV Voltage	Marcy South N.	6.2	320	344.6	3571
2772	Edic 345kV Voltage	SBK Marcy R3108	6.0	327.8	336.9	2667
2779	Marcy 345kV Voltage	SBK Edic R945	4.4	327.8	335.9	2030
2779	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	335.9	2030
2781	Edic 345kV Voltage	SBK Edic R945	4.5	327.8	335.7	2031
2781	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	335.7	2031
2784	Buchanan North 345kV Voltage	Pre-Fault	48.2	NA	346	2784
2785 >E	Pannell Road 345kV Voltage	Marcy South N.	8.3	327.8	342.6	3577
2788	Edic 345kV Voltage	Marcy-N.Scot99 345	4.8	327.8	334.8	1980
2790	Edic 345kV Voltage	Ph2 DC 1500	1.2	327.8	334.5	3108
2790	Marcy 345kV Voltage	Ph2 DC 1500	1.2	327.8	334.4	3108
2791	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	334.2	1982

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2795	Gordon Rd 345kV Voltage	Marcy South S.	5.6	327.8	341.4	3333
2799 >E	Clay 345kV Voltage	SBK Edic R945	3.3	327.8	337.2	2039
2799 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	337.2	2039
2799	Clay 345kV Voltage	SBK Marcy R3108	6.4	327.8	337.3	2688
2799 >E	Clay 345kV Voltage	Ph2 DC 1500	1.7	327.8	337.1	3113
2802 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	2.2	327.8	340.7	3115
2805	New Scotland 345kV Voltage Alps	Pre-Fault	8.6	NA	348	2805
2805	New Scotland 345kV Voltage Gilb	Pre-Fault	8.6	NA	348	2805
2806	Edic 345kV Voltage	Marcy South S.	5.0	327.8	332.2	3339
2807 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	3.3	327.8	336.5	1985
2807 >E	Station 80 345kV Voltage	Marcy South N.	8.9	327.8	341.2	3587
2807	Marcy 345kV Voltage	Marcy South S.	4.6	327.8	332.0	3339
2809 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	2.1	218.5	226.8	3119
2818 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	2.8	327.8	338.4	3125
2820	Pleasant Valley 345kV Voltage	Pre-Fault	14.8	NA	348	2820
2820 >E	Oakdale 345kV Voltage	SBK Edic R945	3.0	320	333.9	2050
2820 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.0	320	333.9	2050
2820	Oakdale 345kV Voltage	Pre-Fault	5.7	NA	335	2820
2823 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	336.4	1988
2824 >E	Station 80 345kV Voltage	Ph2 DC 1500	3.1	327.8	338.1	3128
2826	Edic 345kV Voltage	Volney-Marcy	4.6	327.8	328.6	2767
2827 >E	Oakdale 345kV Voltage	Ph2 DC 1500	2.4	320	332.6	3130
2827 >E	Ramapo 500kV Voltage	Ph2 DC 1500	12.3	500	506.9	3130
2831 >E	Marcy 345kV Voltage	Volney-Marcy	11.4	327.8	328.2	2772
2831 >E	Pannell Road 345kV Voltage	SBK Edic R945	4.9	327.8	337.0	2056
2831 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	4.9	327.8	337.0	2056
2832 >E	Marcy 345kV Voltage	SBK Marcy R3108	6.0	327.8	327.8	2699
2832 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.6	320	334.3	1990
2833 >E	Edic 345kV Voltage	SBK Princetown 345	12.7	327.8	328.0	2622
2833 >E	Edic 345kV Voltage	Ravenswood 3	12.8	327.8	328.0	2933
2835 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	12.8	327.8	327.8	2798
2835 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	12.8	327.8	327.8	2797
2835 >E	Marcy 345kV Voltage	SBK Edic R70	12.8	327.8	327.8	2867
2835 >E	Marcy 345kV Voltage	SBK Princetown 345	12.8	327.8	327.8	2624
2835 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	12.8	327.8	327.8	2824
2835 >E	Marcy 345kV Voltage	Ravenswood 3	12.8	327.8	327.8	2935
2835 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	12.8	327.8	327.8	2798
2835 >E	Edic 345kV Voltage	N.Scot-Leeds 345	12.8	327.8	327.8	2797
2835 >E	Edic 345kV Voltage	Princetown-N.Scot 345	12.8	327.8	327.8	2825

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2836 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	2.9	327.8	346.0	3135
2836 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	2.9	327.8	346.0	3135
2837 >E	Rock Tavern 345kV Voltage	Pre-Fault	75.4	NA	348	2837
2837 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	4.9	327.8	339.3	2700
2838 >E	Gilboa 345kV Voltage	Pre-Fault	26.1	NA	348	2838
2838 >E	Fraser 345kV Voltage	SBK Edic R945	4.1	327.8	339.2	2059
2838 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.1	327.8	339.2	2059
2840 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.1	320	331.4	2701
2841 >E	St.Lawrence 230kV Voltage	SBK Edic R945	5.3	218.5	222.6	2060
2841 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	5.3	218.5	222.6	2060
2841 >E	Station 80 345kV Voltage	SBK Edic R945	5.0	327.8	336.2	2061
2841 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.0	327.8	336.2	2061
2843 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	339.1	1992
2843 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	5.3	327.8	336.8	1992
2844 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	340.8	1992
2847 >E	Clay 345kV Voltage	Marcy South S.	10.0	327.8	332.7	3356
2848 >E	Coopers Corners 345kV Voltage	SBK Edic R945	6.6	327.8	340.8	2064
2848 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.6	327.8	340.8	2064
2853 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	4.2	327.8	340.4	3146
2856 >E	Fraser 345kV Voltage	Pre-Fault	17.1	NA	338	2856
2858 >E	Edic 345kV Voltage	SBK Edic R70	13.1	327.8	326.1	2890
2859 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	5.3	327.8	333.1	2706
2862 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	6.3	327.8	336.7	1995
2863 >E	New Scotland 345kV Voltage Alps	Marcy South S.	10.8	327.8	343.3	3364
2863 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	10.8	327.8	343.3	3364
2865 >E	Station 80 345kV Voltage	SBK Marcy R3108	6.9	327.8	341.3	2708
2867 >E	New Scotland 345kV Voltage Alps	Marcy South N.	10.3	327.8	348.0	3615
2867 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	10.3	327.8	348.0	3615
2868 >E	Clay 345kV Voltage	Volney-Marcy	14.7	327.8	331.5	2808
2877 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	14.3	327.8	333.8	2839
2889 >E	Buchanan South 345kV Voltage	Pre-Fault	114.9	NA	346	2889
2894 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	17.3	500	504.8	2000
2898 >E	Fraser 345kV Voltage	SBK Marcy R3108	6.0	327.8	327.8	2717
2901 >E	Coopers Corners 345kV Voltage	Pre-Fault	28.0	NA	338	2901
2902 >E	Ramapo 500kV Voltage	Ravenswood 3	38.9	500	505.3	3000
2905 >E	Leeds 345kV Voltage	Ph2 DC 1500	4.5	327.8	348.0	3177
2908 >E	Somerset 345kV Voltage	Ph2 DC 1500	5.8	327.8	343.6	3179
2909 >E	Gilboa 345kV Voltage	Ph2 DC 1500	5.4	327.8	344.1	3179
2921 >E	Clay 345kV Voltage	SBK Princetown 345	16.8	327.8	328.4	2707
2921 >E	Clay 345kV Voltage	Ravenswood 3	16.7	327.8	328.3	3020

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2923 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	13.3	218.5	225.3	2006
2927 >E	Ramapo 500kV Voltage	SBK Edic R945	23.9	500	504.4	2104
2927 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	23.9	500	504.4	2104
2929 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	16.9	327.8	327.9	2891
2929 >E	Clay 345kV Voltage	N.Scot-Leeds 345	16.9	327.8	327.9	2892
2930 >E	Clay 345kV Voltage	Princeton-N.Scot 345	16.9	327.8	327.8	2919
2930 >E	Fraser 345kV Voltage	Ph2 DC 1500	8.0	327.8	327.8	3192
2940 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	7.8	327.8	325.6	2729
2940 >E	Gordon Rd 345kV Voltage	Princeton-N.Scot 345	15.6	327.8	329.9	2929
2941 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	15.0	327.8	329.9	2905
2941 >E	Clay 345kV Voltage	SBK Edic R70	17.3	327.8	327.2	2973
2942 >E	Gordon Rd 345kV Voltage	Ravenswood 3	15.7	327.8	329.8	3040
2943 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	6.9	327.8	330.9	2730
2943 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	6.9	327.8	330.9	2730
2944 >E	Gilboa 345kV Voltage	Marcy South S.	12.2	327.8	343.9	3402
2948 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	7.2	327.8	331.4	2010
2948 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	7.2	327.8	331.4	2010
2953 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	7.7	327.8	346.1	3206
2959 >E	Pannell Road 345kV Voltage	Marcy South S.	15.4	327.8	333.1	3409
2966 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	8.1	327.8	338.0	2013
2970 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	18.3	218.5	221.9	2737
2971 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	8.3	327.8	345.9	3217
2977 >E	Gordon Rd 345kV Voltage	Volney-Marcy	15.8	327.8	327.7	2912
2982 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	11.3	327.8	342.8	3223
2983 >E	Leeds 345kV Voltage	Pre-Fault	30.0	NA	345	2983
2986 >E	Somerset 345kV Voltage	SBK Edic R945	9.5	327.8	339.0	2133
2986 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	9.5	327.8	339.0	2133
2989 >E	Millwood 345kV Voltage	Ph2 DC 1500	10.8	327.8	343.8	3228
2992 >E	St.Lawrence 230kV Voltage	Pre-Fault	58.9	NA	225	2992
2993 >E	Gilboa 345kV Voltage	SBK Edic R945	9.5	327.8	338.6	2137
2993 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	9.5	327.8	338.6	2137
2994 >E	Ramapo 500kV Voltage	SBK Marcy R3108	26.1	500	500.6	2744
2995 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	12.7	327.8	341.7	3231
2996 >E	Gordon Rd 345kV Voltage	SBK Edic R70	16.6	327.8	326.5	3027
2996 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	12.8	327.8	341.6	3232
2999 >E	Oakdale 345kV Voltage	Marcy South S.	13.5	320	323.9	3428
3000 >E	Oakdale 345kV Voltage	Volney-Marcy	15.6	320	323.9	2934
3003 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	10.7	327.8	345.1	3236
3009 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	9.5	207	222.5	2020
3010 >E	Gilboa 345kV Voltage	SBK Marcy R3108	9.0	327.8	329.1	2748

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3011 >E	St.Lawrence 230kV Voltage	Marcy South N.	26.3	218.5	228.0	3681
3014 >E	Station 80 345kV Voltage	Marcy South S.	17.8	327.8	332.9	3435
3014 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	10.6	327.8	333.1	2147
3014 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	10.6	327.8	333.1	2147
3014 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	10.6	327.8	333.1	2147
3014 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	10.6	327.8	333.1	2147
3020 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	13.3	327.8	327.2	2751
3021 >E	Roseton 345kV Voltage	Ph2 DC 1500	9.5	327.8	348.1	3247
3021 >E	Niagara 230kV East Voltage	SBK Marcy R3108	16.1	218.5	224.3	2751
3021 >E	Niagara 230kV West Voltage	SBK Marcy R3108	16.1	218.5	224.3	2751
3021 >E	Pannell Road 345kV Voltage	Volney-Marcy	20.9	327.8	330.4	2955
3023 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	13.4	327.8	327.2	2752
3024 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	11.1	327.8	320.4	2152
3024 >E	Gordon Rd 345kV Voltage	SBK Edic R945	11.1	327.8	320.4	2152
3025 >E	Leeds 345kV Voltage	Marcy South S.	15.3	327.8	343.6	3440
3026 >E	Watercure 230kV Voltage	Marcy South N.	17.5	207	225.3	3688
3028 >E	Ramapo 345kV Voltage	Ph2 DC 1500	11.1	327.8	346.4	3251
3030 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	17.1	327.8	327.8	2992
3030 >E	Fraser 345kV Voltage	Volney-Marcy	17.1	327.8	327.8	2963
3030 >E	Fraser 345kV Voltage	SBK Princetown 345	17.1	327.8	327.8	2812
3030 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	17.1	327.8	327.8	3020
3030 >E	Fraser 345kV Voltage	Ravenswood 3	17.1	327.8	327.8	3127
3030 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	17.1	327.8	327.8	2995
3030 >E	Fraser 345kV Voltage	Marcy South S.	17.1	327.8	327.8	3442
3030 >E	Fraser 345kV Voltage	SBK Edic R70	17.1	327.8	327.8	3062
3034 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	11.4	327.8	340.6	2025
3037 >E	Ladentown 345kV Voltage	Ph2 DC 1500	10.8	327.8	347.6	3256
3040 >E	Oakdale 345kV Voltage	Ravenswood 3	16.5	320	321.5	3137
3041 >E	Oakdale 345kV Voltage	SBK Princetown 345	16.8	320	321.5	2822
3042 >E	Leeds 345kV Voltage	SBK Marcy R3108	9.6	327.8	327.8	2757
3052 >E	Coopers Corners 345kV Voltage	Ravenswood 3	23.0	327.8	332.6	3149
3054 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	10.8	327.8	348.9	3267
3054 >E	Ramapo 500kV Voltage	Marcy South S.	36.5	500	502.4	3453
3058 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	10.8	327.8	349.3	3269
3061 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	13.3	327.8	342.8	2030
3062 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	17.1	320	320.3	3024
3062 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	17.0	320	320.3	3028
3063 >E	Somerset 345kV Voltage	Marcy South N.	16.9	327.8	342.9	3705
3064 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	17.1	320	320.1	3054

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3066 >E	Pannell Road 345kV Voltage	Ravenswood 3	22.4	327.8	328.5	3162
3066 >E	Millwood 345kV Voltage	SBK Marcy R3108	13.9	327.8	327.1	2764
3068 >E	Niagara 230kV East Voltage	Ph2 DC 1500	21.2	218.5	228.7	3275
3068 >E	Niagara 230kV West Voltage	Ph2 DC 1500	21.2	218.5	228.7	3275
3075 >E	Pannell Road 345kV Voltage	SBK Princetown 345	23.1	327.8	328.1	2855
3076 >E	Oakdale 345kV Voltage	SBK Edic R70	17.4	320	319.4	3108
3079 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	22.7	327.8	327.9	3045
3079 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	22.8	327.8	327.9	3041
3080 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	22.7	327.8	327.8	3070
3087 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	15.6	327.8	327.3	2769
3088 >E	Station 80 345kV Voltage	Volney-Marcy	23.5	327.8	330.0	3019
3089 >E	Niagara 345kV Voltage	Ph2 DC 1500	10.9	327.8	347.9	3288
3089 >E	Pannell Road 345kV Voltage	SBK Edic R70	23.0	327.8	327.4	3121
3090 >E	Fraser 345kV Voltage	Marcy South N.	14.6	327.8	327.8	3717
3100 >E	Ramapo 500kV Voltage	Marcy South N.	46.6	500	502.1	3722
3104 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	14.6	327.8	327.1	2774
3105 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	13.9	327.8	327.5	2774
3110 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	18.3	327.8	331.3	3077
3110 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	18.3	327.8	331.3	3077
3116 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	13.7	327.8	326.4	2777
3120 >E	Ramapo 345kV Voltage	Pre-Fault	99.8	NA	346	3120
3123 >E	Station 80 345kV Voltage	Ravenswood 3	24.8	327.8	328.6	3219
3124 >E	Leeds 345kV Voltage	Marcy South N.	16.2	327.8	344.3	3733
3140 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	27.0	327.8	329.5	2918
3141 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	25.1	327.8	327.9	3108
3141 >E	Station 80 345kV Voltage	SBK Princetown 345	25.7	327.8	327.9	2919
3142 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	25.2	327.8	327.9	3104
3142 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	25.2	327.8	327.8	3132
3144 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	19.8	327.8	329.7	3240
3144 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	19.8	327.8	329.7	3240
3149 >E	Gilboa 345kV Voltage	Marcy South N.	17.1	327.8	339.9	3744
3149 >E	Station 80 345kV Voltage	SBK Edic R70	25.4	327.8	327.6	3181
3153 >E	Coopers Corners 345kV Voltage	SBK Edic R70	27.8	327.8	329.0	3185
3153 >E	Ramapo 500kV Voltage	SBK Princetown 345	50.4	500	500.6	2931
3156 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	14.2	327.8	327.8	2046
3161 >E	Ramapo 500kV Voltage	Volney-Marcy	50.3	500	500.4	3089
3163 >E	Sprain Brook 345kV Voltage	Marcy South N.	25.6	327.8	329.0	3751
3164 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	51.4	500	500.4	3132
3171 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	27.7	327.8	328.4	3139

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3172 >E	St.Lawrence 230kV Voltage	Marcy South S.	39.1	218.5	221.9	3509
3173 >E	Dunwoodie 345kV Voltage	Marcy South N.	26.4	327.8	329.0	3755
3177 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	52.4	500	500.1	3138
3178 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	27.8	327.8	328.1	3139
3181 >E	Ramapo 500kV Voltage	SBK Edic R70	53.2	500	500.1	3212
3181 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	52.7	500	500.0	3171
3181 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	20.1	327.8	327.9	3108
3181 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	20.1	327.8	327.9	3108
3182 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	20.6	327.8	327.8	3214
3182 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	20.6	327.8	327.8	3214
3183 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	20.5	327.8	327.8	3173
3183 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	20.5	327.8	327.8	3173
3183 >E	Ramapo 500kV Voltage	Pre-Fault	52.9	NA	500	3183
3184 >E	Rock Tavern 345kV Voltage	SBK Edic R945	19.6	327.8	340.5	2232
3184 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	19.6	327.8	340.5	2232
3184 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	27.9	327.8	327.9	3174
3194 >E	Coopers Corners 345kV Voltage	Volney-Marcy	27.4	327.8	327.6	3120
3194 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	20.9	327.8	327.3	3155
3194 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	20.9	327.8	327.3	3155
3198 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	23.5	327.8	337.8	2053
3199 >E	Ladentown 345kV Voltage	SBK Marcy R3108	16.5	327.8	327.1	2800
3204 >E	Ramapo 345kV Voltage	SBK Marcy R3108	17.6	327.8	327.1	2802
3206 >E	Roseton 345kV Voltage	SBK Marcy R3108	16.3	327.8	327.0	2802
3215 >E	Watercure 230kV Voltage	Ph2 DC 1500	18.6	207	246.8	3364
3225 >E	Watercure 230kV Voltage	SBK Marcy R3108	18.4	207	234.2	2808
3226 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	16.5	327.8	327.1	2808
3233 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	16.4	327.8	327.1	2810
3239 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	20.8	327.8	341.4	2061
3242 >E	Ladentown 345kV Voltage	Pre-Fault	100.0	NA	346	3242
3246 >E	Gardenville 230kV Voltage	Ph2 DC 1500	17.6	207	228.6	3382
3290 >E	St.Lawrence 230kV Voltage	Volney-Marcy	51.9	218.5	219.9	3213
3291 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	21.7	327.8	341.5	2070
3295 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	22.5	327.8	322.3	3068
3295 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	22.5	327.8	322.3	3068
3308 >E	Niagara 230kV East Voltage	SBK Edic R945	38.9	218.5	225.4	2294
3308 >E	Niagara 230kV West Voltage	SBK Edic R945	38.9	218.5	225.4	2294
3308 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	38.9	218.5	225.4	2294

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3308 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	38.9	218.5	225.4	2294
3308 >E	Millwood 345kV Voltage	Marcy South N.	29.6	327.8	329.9	3818
3309 >E	Niagara 345kV Voltage	SBK Edic R945	18.6	327.8	341.3	2294
3309 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	18.6	327.8	341.3	2294
3311 >E	Pleasant Valley 345kV Voltage	Marcy South N.	27.6	327.8	337.1	3819
3315 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	26.0	327.8	338.2	2074
3324 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	21.6	327.8	342.5	2075
3329 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	25.1	327.8	329.2	3299
3330 >E	Roseton 345kV Voltage	Pre-Fault	88.8	NA	345	3330
3332 >E	Leeds 345kV Voltage	SBK Edic R945	21.1	327.8	327.8	2306
3332 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	21.1	327.8	327.8	2306
3334 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	21.6	327.8	342.7	2077
3335 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	40.1	218.5	226.5	2077
3335 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	40.1	218.5	226.5	2077
3341 >E	St.Lawrence 230kV Voltage	Ravenswood 3	57.5	218.5	219.1	3434
3341 >E	Gilboa 345kV Voltage	Ravenswood 3	25.6	327.8	328.7	3434
3345 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	29.5	327.8	336.5	2079
3359 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	23.4	327.8	338.6	2081
3361 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	25.3	327.8	332.6	2082
3361 >E	Gilboa 345kV Voltage	Volney-Marcy	25.9	327.8	327.9	3281
3364 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	26.1	327.8	327.8	3355
3367 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	26.2	327.8	327.7	3327
3369 >E	Gilboa 345kV Voltage	SBK Edic R70	26.2	327.8	327.6	3400
3375 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	58.9	218.5	218.5	3365
3376 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	58.9	218.5	218.5	3347
3376 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	58.9	218.5	218.5	3336
3383 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	20.9	327.8	343.5	2086
3383 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	36.4	327.8	335.4	2086
3383 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	34.7	327.8	336.4	2331
3383 >E	Buchanan North 345kV Voltage	SBK Edic R945	34.7	327.8	336.4	2331
3384 >E	Pleasant Valley 345kV Voltage	Marcy South S.	38.9	327.8	340.1	3609
3389 >E	Gilboa 345kV Voltage	SBK Princetown 345	26.5	327.8	326.9	3158
3391 >E	Somerset 345kV Voltage	Pre-Fault	44.0	NA	338	3391
3392 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	37.2	327.8	335.4	2087
3394 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	60.2	218.5	218.2	3162
3414 >E	St.Lawrence 230kV Voltage	SBK Edic R70	63.0	218.5	217.8	3445
3423 >E	Buchanan North 345kV Voltage	Marcy South N.	34.8	327.8	327.5	3870
3442 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	30.6	327.8	339.4	2361
3442 >E	Ramapo 345kV Voltage	SBK Edic R945	30.6	327.8	339.4	2361

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3449 >E	Buchanan South 345kV Voltage	Marcy South N.	33.2	327.8	329.0	3882
3499 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	30.0	327.8	327.8	3473
3499 >E	Leeds 345kV Voltage	SBK Edic R70	30.0	327.8	327.8	3530
3499 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	30.0	327.8	327.8	3459
3499 >E	Leeds 345kV Voltage	Ravenswood 3	30.0	327.8	327.8	3590
3500 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	30.0	327.8	327.8	3491
3500 >E	Leeds 345kV Voltage	SBK Princetown 345	30.0	327.8	327.8	3264
3500 >E	Leeds 345kV Voltage	Volney-Marcy	30.0	327.8	327.8	3414
3503 >E	Bowline 1 345kV Voltage	Pre-Fault	100.0	NA	345	3503
3516 >E	Somerset 345kV Voltage	Marcy South S.	31.5	327.8	335.2	3671
3521 >E	Watercure 230kV Voltage	Pre-Fault	39.8	NA	215	3521
3521 >E	Ladentown 345kV Voltage	SBK Edic R945	32.1	327.8	339.5	2400
3521 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	32.1	327.8	339.5	2400
3548 >E	Bowline 2 345kV Voltage	Pre-Fault	99.8	NA	345	3548
3551 >E	Buchanan North 345kV Voltage	Ravenswood 3	66.5	327.8	337.2	3641
3565 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	38.8	327.8	336.7	2422
3565 >E	Buchanan South 345kV Voltage	SBK Edic R945	38.8	327.8	336.7	2422
3568 >E	Bowline 1 345kV Voltage	SBK Edic R945	31.9	327.8	340.4	2424
3568 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	31.9	327.8	340.4	2424
3573 >E	Gardenville 230kV Voltage	SBK Marcy R3108	29.8	207	227.6	2904
3583 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	31.9	327.8	340.6	2431
3583 >E	Bowline 2 345kV Voltage	SBK Edic R945	31.9	327.8	340.6	2431
3588 >E	Coopers Corners 345kV Voltage	Marcy South N.	27.3	327.8	307.6	3946
3617 >E	Millwood 345kV Voltage	SBK Edic R945	44.5	327.8	335.3	2448
3617 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	44.5	327.8	335.3	2448
3619 >E	Rock Tavern 345kV Voltage	Ravenswood 3	47.2	327.8	337.6	3708
3621 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	37.2	327.8	332.1	2450
3622 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	37.2	327.8	332.1	2450
3625 >E	Roseton 345kV Voltage	SBK Edic R945	34.6	327.8	336.7	2452
3625 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	34.6	327.8	336.7	2452
3643 >E	Niagara 345kV Voltage	Marcy South N.	33.3	327.8	346.0	3971
3654 >E	Roseton 345kV Voltage	Marcy South N.	35.6	327.8	333.5	3976
3661 >E	Watercure 230kV Voltage	Marcy South S.	32.9	207	211.5	3740
3673 >E	Niagara 230kV East Voltage	Marcy South N.	67.8	218.5	229.0	3985
3673 >E	Niagara 230kV West Voltage	Marcy South N.	67.8	218.5	229.0	3985
3686 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	55.6	327.8	334.3	2482
3686 >E	Sprain Brook 345kV Voltage	SBK Edic R945	55.6	327.8	334.3	2482
3687 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	35.0	207	223.5	2139
3700 >E	Sprain Brook 345kV Voltage	Ravenswood 3	109.9	327.8	337.2	3788
3701 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	56.8	327.8	334.2	2490

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3701 >E	Dunwoodie 345kV Voltage	SBK Edic R945	56.8	327.8	334.2	2490
3709 >E	Dunwoodie 345kV Voltage	Ravenswood 3	112.8	327.8	337.2	3797
3714 >E	Watercure 230kV Voltage	Volney-Marcy	36.5	207	210.2	3619
3728 >E	Gardenville 230kV Voltage	SBK Edic R945	37.2	207	223.6	2503
3728 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	37.2	207	223.5	2503
3735 >E	Somerset 345kV Voltage	Volney-Marcy	40.6	327.8	330.2	3640
3757 >E	Somerset 345kV Voltage	Ravenswood 3	41.6	327.8	329.7	3845
3758 >E	Watercure 230kV Voltage	Ravenswood 3	37.7	207	209.0	3845
3787 >E	Millwood 345kV Voltage	Ravenswood 3	87.7	327.8	337.5	3874
3788 >E	Watercure 230kV Voltage	SBK Edic R945	45.8	207	266.3	2533
3788 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	45.8	207	266.3	2533
3803 >E	Watercure 230kV Voltage	SBK Princetown 345	39.1	207	207.9	3557
3813 >E	Buchanan South 345kV Voltage	Ravenswood 3	75.9	327.8	338.0	3900
3817 >E	Rainey 345kV Voltage	Ph2 DC 1500	39.0	327.8	350.8	3726
3830 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	39.6	207	207.2	3809
3830 >E	Farragut 345kV Voltage	Ph2 DC 1500	40.3	327.8	350.3	3734
3833 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	39.7	207	207.2	3791
3835 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	39.7	207	207.1	3827
3835 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	43.8	327.8	327.9	3815
3837 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	43.9	327.8	327.9	3830
3839 >E	Somerset 345kV Voltage	SBK Edic R70	44.1	327.8	327.8	3868
3840 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	44.0	327.8	327.8	3798
3847 >E	Somerset 345kV Voltage	SBK Princetown 345	44.6	327.8	327.7	3599
3854 >E	Watercure 230kV Voltage	SBK Edic R70	40.2	207	206.6	3884
3864 >E	Ramapo 345kV Voltage	Ravenswood 3	62.3	327.8	338.5	3950
3878 >E	Rock Tavern 345kV Voltage	Marcy South N.	41.0	327.8	322.3	4079
3884 >E	Ramapo 345kV Voltage	Marcy South N.	45.9	327.8	325.4	4082
3901 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	64.7	327.8	333.2	3986
3903 >E	Ladentown 345kV Voltage	Marcy South N.	45.2	327.8	325.6	4091
3936 >E	Ladentown 345kV Voltage	Ravenswood 3	63.8	327.8	339.1	4021
3938 >E	Niagara 230kV East Voltage	Pre-Fault	161.9	NA	225	3938
3938 >E	Niagara 230kV West Voltage	Pre-Fault	161.9	NA	225	3938
4018 >E	Gardenville 230kV Voltage	Marcy South N.	52.7	207	225.5	4144
4035 >E	Bowline 1 345kV Voltage	Ravenswood 3	63.6	327.8	339.7	4119
4047 >E	Millwood 345kV Voltage	Marcy South S.	75.4	327.8	335.5	3922
4064 >E	Bowline 2 345kV Voltage	Ravenswood 3	63.6	327.8	339.8	4147
4105 >E	Roseton 345kV Voltage	Marcy South S.	58.4	327.8	336.3	3949
4108 >E	Bowline 1 345kV Voltage	Marcy South N.	50.0	327.8	322.7	4185
4112 >E	Rainey 345kV Voltage	SBK Marcy R3108	49.5	327.8	327.1	3053

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4121 >E	Bowline 2 345kV Voltage	Marcy South N.	49.7	327.8	325.4	4191
4140 >E	Buchanan North 345kV Voltage	Marcy South S.	71.6	327.8	331.4	3966
4150 >E	Farragut 345kV Voltage	SBK Marcy R3108	52.0	327.8	327.1	3063
4157 >E	Goethals 345kV Voltage	Ph2 DC 1500	53.5	327.8	350.4	3931
4168 >E	Sprain Brook 345kV Voltage	Marcy South S.	95.6	327.8	334.5	3979
4173 >E	Dunwoodie 345kV Voltage	Marcy South S.	97.2	327.8	334.6	3981
4193 >E	Roseton 345kV Voltage	Ravenswood 3	68.2	327.8	335.3	4275
4202 >E	Buchanan South 345kV Voltage	Marcy South S.	72.5	327.8	334.6	3995
4211 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	71.0	327.8	329.0	4197
4249 >E	Niagara 230kV East Voltage	Marcy South S.	109.2	218.5	223.1	4017
4249 >E	Niagara 230kV West Voltage	Marcy South S.	109.2	218.5	223.1	4017
4273 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	72.0	327.8	329.0	4009
4296 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	74.7	327.8	327.9	4324
4297 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	73.0	327.8	328.6	4284
4303 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	74.7	327.8	327.8	4296
4311 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	74.2	327.8	327.7	4193
4313 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	74.9	327.8	327.7	4268
4325 >E	Rock Tavern 345kV Voltage	SBK Edic R70	75.0	327.8	328.3	4354
4343 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	74.8	327.8	328.0	4299
4347 >E	Rock Tavern 345kV Voltage	Volney-Marcy	73.7	327.8	328.0	4227
4354 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	75.2	327.8	327.9	4348
4368 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	75.5	327.8	327.0	4101
4415 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	97.1	327.8	328.7	4405
4423 >E	Niagara 345kV Voltage	Pre-Fault	79.4	NA	338	4423
4436 >E	Buchanan North 345kV Voltage	SBK Princetown 345	97.2	327.8	328.5	4167
4469 >E	Buchanan North 345kV Voltage	Volney-Marcy	98.5	327.8	328.1	4344
4486 >E	Buchanan North 345kV Voltage	SBK Edic R70	101.6	327.8	328.0	4514
4490 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	100.9	327.8	327.9	4445
4499 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	101.5	327.8	327.8	4493
4504 >E	Niagara 345kV Voltage	Marcy South S.	56.4	327.8	337.0	4137
4564 >E	Ladentown 345kV Voltage	Marcy South S.	70.7	327.8	332.8	4165
4576 >E	Ramapo 345kV Voltage	Marcy South S.	72.6	327.8	331.4	4171
4601 >E	Goethals 345kV Voltage	SBK Marcy R3108	70.2	327.8	327.1	3188
4632 >E	Niagara 230kV East Voltage	Ravenswood 3	137.9	218.5	220.7	4708
4632 >E	Niagara 230kV West Voltage	Ravenswood 3	137.9	218.5	220.7	4708
4649 >E	Niagara 230kV East Voltage	Volney-Marcy	137.9	218.5	220.6	4516
4649 >E	Niagara 230kV West Voltage	Volney-Marcy	137.9	218.5	220.6	4516
4680 >E	Bowline 1 345kV Voltage	Marcy South S.	70.7	327.8	333.2	4220

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4709 >E	Bowline 2 345kV Voltage	Marcy South S.	70.6	327.8	333.4	4234
4766 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	85.1	327.8	328.8	4761
4824 >E	Ramapo 345kV Voltage	SBK Princetown 345	94.7	327.8	328.9	4540
4833 >E	Roseton 345kV Voltage	SBK Princetown 345	86.9	327.8	328.1	4549
4835 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	95.6	327.8	328.8	4831
4840 >E	Roseton 345kV Voltage	SBK Edic R70	88.6	327.8	328.0	4867
4847 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	108.6	327.8	329.0	4843
4851 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	88.4	327.8	327.9	4804
4852 >E	Roseton 345kV Voltage	Volney-Marcy	87.7	327.8	327.9	4711
4856 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	88.7	327.8	327.8	4851
4876 >E	Ramapo 345kV Voltage	Volney-Marcy	96.1	327.8	328.4	4735
4893 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	122.6	327.8	329.0	4891
4916 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	98.9	327.8	328.0	4868
4918 >E	Ramapo 345kV Voltage	SBK Edic R70	99.8	327.8	328.0	4944
4919 >E	Buchanan South 345kV Voltage	SBK Princetown 345	110.3	327.8	328.3	4632
4930 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	99.6	327.8	327.9	4925
4940 >E	Buchanan South 345kV Voltage	Volney-Marcy	111.5	327.8	328.1	4796
4949 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	95.5	327.8	328.9	4948
4954 >E	Niagara 230kV East Voltage	SBK Princetown 345	159.9	218.5	218.7	4665
4954 >E	Niagara 230kV West Voltage	SBK Princetown 345	159.9	218.5	218.7	4665
4958 >E	Buchanan South 345kV Voltage	SBK Edic R70	114.6	327.8	328.0	4984
4958 >E	Niagara 345kV Voltage	Ravenswood 3	71.5	327.8	331.3	5030
4959 >E	Ladentown 345kV Voltage	SBK Princetown 345	95.2	327.8	328.8	4670
4966 >E	Niagara 345kV Voltage	Volney-Marcy	71.3	327.8	331.2	4821
4968 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	114.1	327.8	327.9	4920
4974 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	114.6	327.8	327.9	4969
4976 >E	Niagara 230kV East Voltage	SBK Edic R70	161.5	218.5	218.6	5002
4976 >E	Niagara 230kV West Voltage	SBK Edic R70	161.5	218.5	218.6	5002
4979 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	161.1	218.5	218.6	4978
4979 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	161.1	218.5	218.6	4978
4983 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	161.4	218.5	218.5	4978
4983 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	161.4	218.5	218.5	4978
4991 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	162.1	218.5	218.5	4943
4991 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	162.1	218.5	218.5	4943
5007 >E	Ladentown 345kV Voltage	Volney-Marcy	96.7	327.8	328.3	4860
5015 >E	Millwood 345kV Voltage	SBK Princetown 345	126.4	327.8	328.1	4724

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5024 >E	Millwood 345kV Voltage	Volney-Marcy	127.7	327.8	328.0	4877
5026 >E	Millwood 345kV Voltage	SBK Edic R70	130.5	327.8	328.0	5053
5040 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	130.1	327.8	327.9	4992
5043 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	99.2	327.8	328.0	4995
5044 >E	Ladentown 345kV Voltage	SBK Edic R70	100.0	327.8	328.0	5071
5048 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	130.8	327.8	327.8	5044
5055 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	99.7	327.8	327.9	5051
5103 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	95.5	327.8	329.0	5104
5114 >E	Bowline 1 345kV Voltage	SBK Princetown 345	95.3	327.8	328.9	4820
5130 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	159.9	327.8	328.9	5132
5143 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	95.4	327.8	329.0	5145
5152 >E	Bowline 2 345kV Voltage	SBK Princetown 345	95.1	327.8	328.9	4857
5155 >E	Rock Tavern 345kV Voltage	Marcy South S.	85.0	327.8	317.3	4444
5161 >E	Bowline 1 345kV Voltage	Volney-Marcy	96.6	327.8	328.4	5008
5176 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	164.4	327.8	328.9	5179
5188 >E	Rainey 345kV Voltage	Marcy South N.	92.3	327.8	329.8	4681
5202 >E	Bowline 2 345kV Voltage	Volney-Marcy	96.5	327.8	328.4	5047
5203 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	99.2	327.8	328.0	5154
5207 >E	Bowline 1 345kV Voltage	SBK Edic R70	100.1	327.8	328.0	5233
5216 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	99.7	327.8	327.9	5212
5218 >E	Niagara 345kV Voltage	SBK Edic R70	79.1	327.8	328.0	5244
5219 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	79.0	327.8	328.0	5223
5227 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	79.2	327.8	327.9	5223
5233 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	79.4	327.8	327.8	5184
5235 >E	Niagara 345kV Voltage	SBK Princetown 345	79.7	327.8	327.8	4937
5245 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	99.0	327.8	328.0	5196
5245 >E	Farragut 345kV Voltage	Marcy South N.	96.3	327.8	329.8	4707
5249 >E	Bowline 2 345kV Voltage	SBK Edic R70	99.9	327.8	328.0	5275
5260 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	99.6	327.8	327.8	5256
5279 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	165.6	327.8	328.1	4978
5294 >E	Sprain Brook 345kV Voltage	SBK Edic R70	171.4	327.8	328.0	5320
5301 >E	Sprain Brook 345kV Voltage	Volney-Marcy	168.1	327.8	328.0	5142
5315 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	171.2	327.8	327.9	5266
5325 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	172.2	327.8	327.8	5322
5335 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	170.6	327.8	328.0	5032

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\1A\Sum2023_CEVC_PH2_20_1A.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5348 >E	Dunwoodie 345kV Voltage	SBK Edic R70	176.6	327.8	328.0	5373
5354 >E	Dunwoodie 345kV Voltage	Volney-Marcy	173.0	327.8	327.9	5193
5369 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	176.3	327.8	327.9	5320
5380 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	177.4	327.8	327.8	5376
5608 >E	Gardenville 230kV Voltage	Marcy South S.	109.2	207	217.6	4658
5714 >E	Gardenville 230kV Voltage	Pre-Fault	176.6	NA	217	5714
5775 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	112.9	327.8	341.2	2503
5801 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	116.2	327.8	340.9	2508
6083 >E	Goethals 345kV Voltage	Marcy South N.	130.1	327.8	329.8	5092
6388 >E	Coopers Corners 345kV Voltage	Marcy South S.	95.9	327.8	213.4	5025
6615 >E	Gardenville 230kV Voltage	Volney-Marcy	145.3	207	211.9	6404
6642 >E	Gardenville 230kV Voltage	Ravenswood 3	145.8	207	211.7	6691
6799 >E	Northport 138kV Voltage	Ph2 DC 1500	316.0	131.1	142.8	5521
6809 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	156.8	327.8	341.7	2684
7221 >E	Gardenville 230kV Voltage	SBK Princetown 345	167.9	207	208.5	6849
7365 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	173.4	327.8	339.1	4319
7365 >E	Rainey 345kV Voltage	SBK Edic R945	173.4	327.8	339.1	4319
7404 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	178.4	327.8	338.9	4339
7404 >E	Farragut 345kV Voltage	SBK Edic R945	178.4	327.8	338.9	4338
7441 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	175.3	207	207.2	7483
7460 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	175.9	207	207.1	7462
7473 >E	Gardenville 230kV Voltage	SBK Edic R70	176.4	207	207.0	7493
7474 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	176.6	207	207.0	7414
7930 >E	Rainey 345kV Voltage	Ravenswood 3	261.3	327.8	344.7	7962
8156 >E	Farragut 345kV Voltage	Ravenswood 3	270.9	327.8	344.1	8185
9030 >E	Goethals 345kV Voltage	SBK Edic R945	243.9	327.8	339.7	5150
9043 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	244.4	327.8	339.7	5158
10165 >E	Goethals 345kV Voltage	Ravenswood 3	347.7	327.8	344.7	10168
10427 >E	Rainey 345kV Voltage	Marcy South S.	295.2	327.8	340.3	6930
10506 >E	Farragut 345kV Voltage	Marcy South S.	304.1	327.8	340.0	6967
11702 >E	Farragut 345kV Voltage	Pre-Fault	584.3	NA	338	11702
11713 >E	Rainey 345kV Voltage	Pre-Fault	566.5	NA	338	11713
13413 >E	Goethals 345kV Voltage	Marcy South S.	421.1	327.8	341.1	8337

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
16141 >E	Goethals 345kV Voltage	Pre-Fault	885.7	NA	338	16141
16187 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	516.6	327.8	330.1	16380
16306 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	531.4	327.8	330.1	16501
16639 >E	Rainey 345kV Voltage	SBK Princetown 345	531.4	327.8	329.3	15923
16771 >E	Farragut 345kV Voltage	SBK Princetown 345	547.0	327.8	329.3	16051
16890 >E	Rainey 345kV Voltage	Volney-Marcy	541.7	327.8	328.9	16263
17034 >E	Farragut 345kV Voltage	Volney-Marcy	558.0	327.8	328.9	16401
17315 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1142.7	131.1	138.6	4517
17325 >E	Rainey 345kV Voltage	SBK Edic R70	560.8	327.8	328.1	17318
17351 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	560.8	327.8	328.0	17243
17440 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	575.2	327.8	328.2	17331
17489 >E	Farragut 345kV Voltage	SBK Edic R70	578.2	327.8	328.1	17482
17493 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	566.5	327.8	327.8	17525
17663 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	584.3	327.8	327.8	17696
22783 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	791.5	327.8	330.5	23090
23444 >E	Goethals 345kV Voltage	SBK Princetown 345	814.6	327.8	329.8	22480
23886 >E	Goethals 345kV Voltage	Volney-Marcy	832.8	327.8	329.3	22977
23909 >E	Somerset 345kV Voltage	SBK Marcy R3108	1049.1	327.8	2048.2	8524
24834 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	871.8	327.8	328.2	24689
24977 >E	Goethals 345kV Voltage	SBK Edic R70	878.7	327.8	328.0	24950
25356	Goethals 345kV Voltage	Princetown-N.Scot 345	892.8	327.8	327.6	25411

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

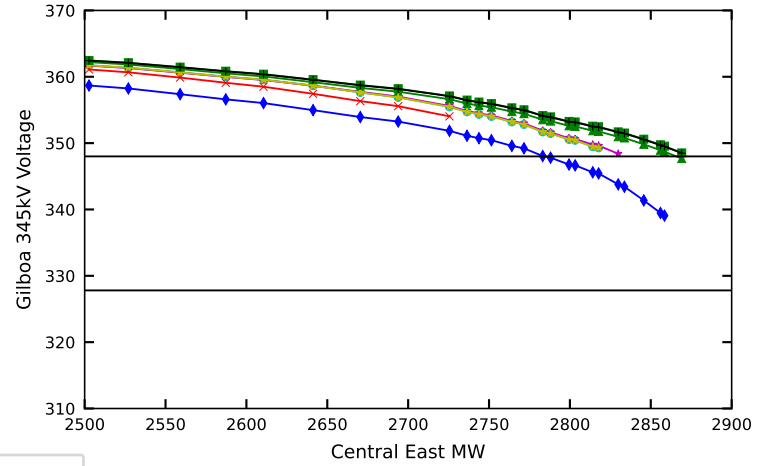
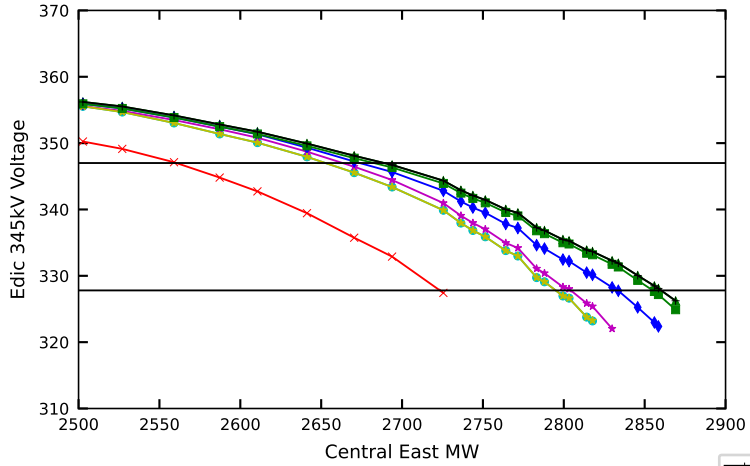
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\1A\Sum2023_CEVC_PH2_20_1A.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 1A

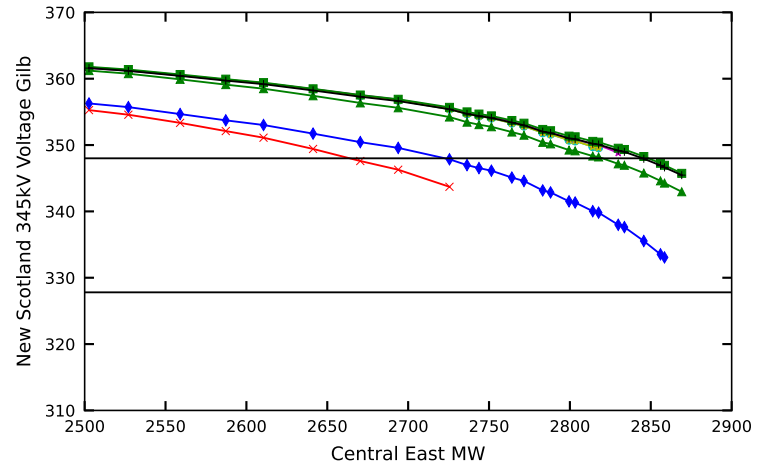
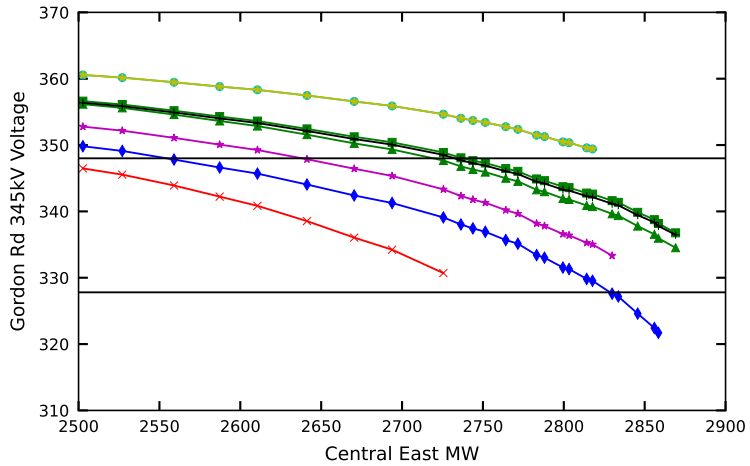
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
25501	Northport 138kV Voltage	SBK Edic R945	1787.1	131.1	137.9	13374
>E						
25684	Northport 138kV Voltage	Edic-Gordon Rd. 345	1801.5	131.1	137.9	13467
>E						
99998	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
>E						
99999	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99999
>E						
99999	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

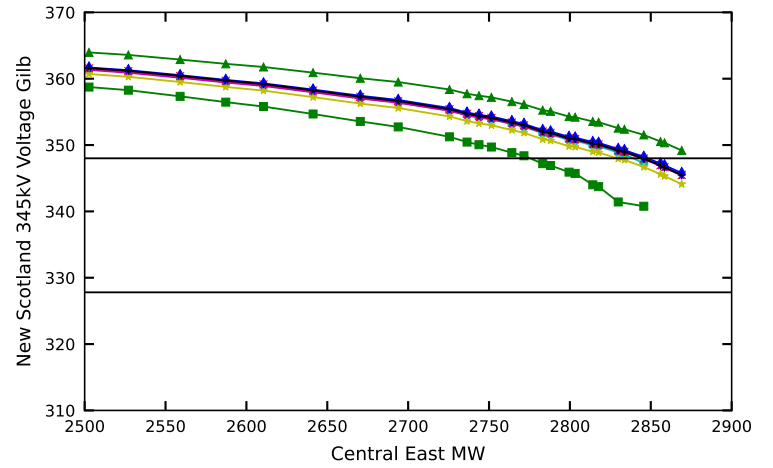
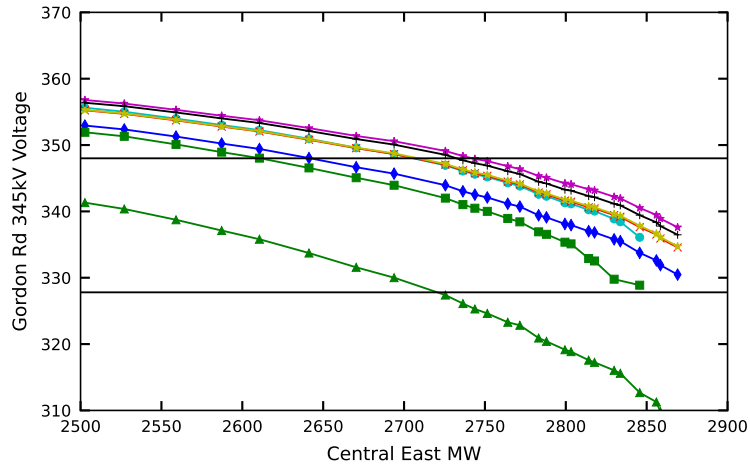
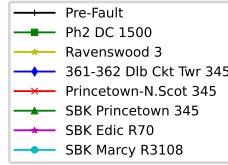
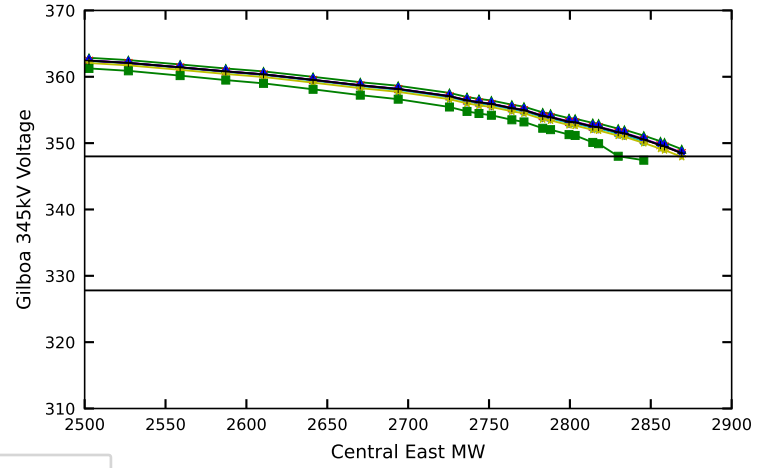
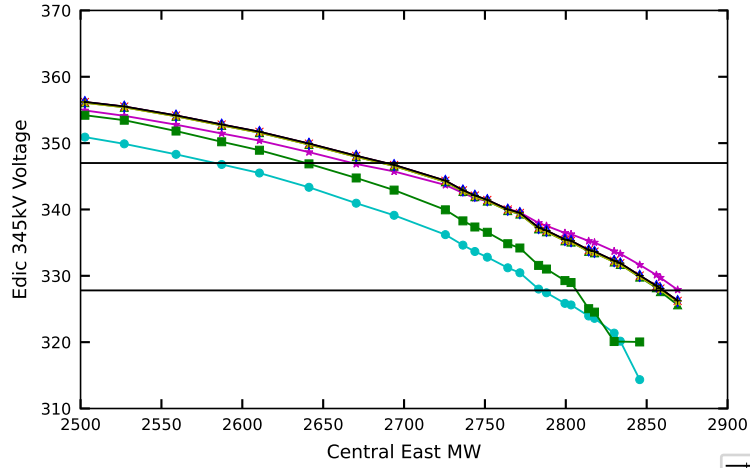
1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A Figure 1



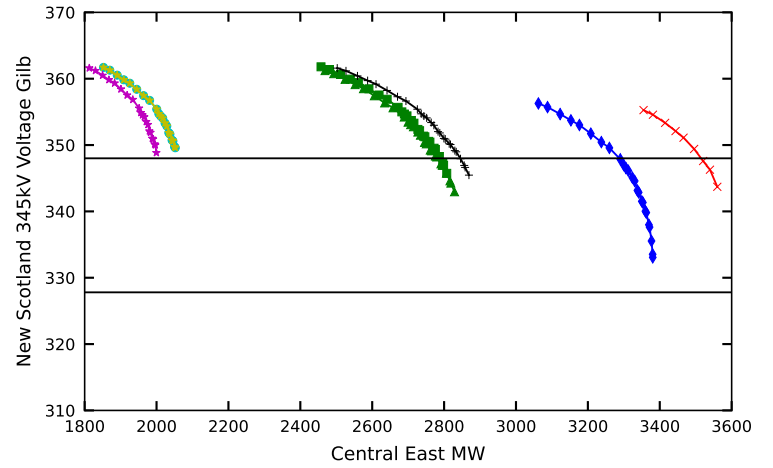
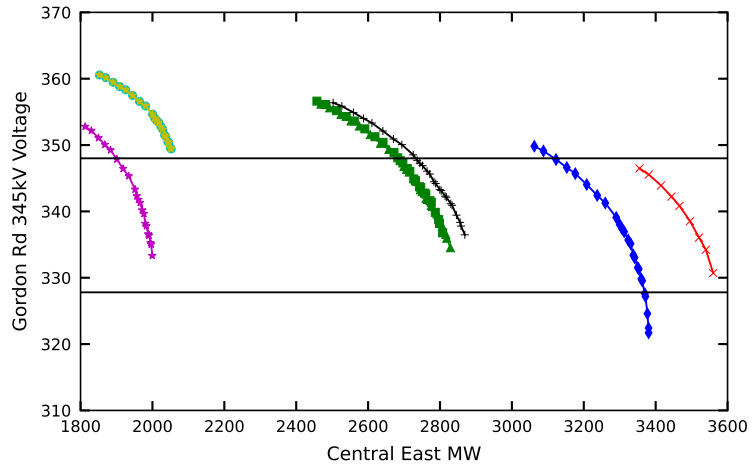
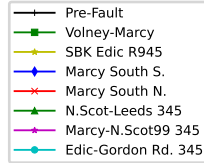
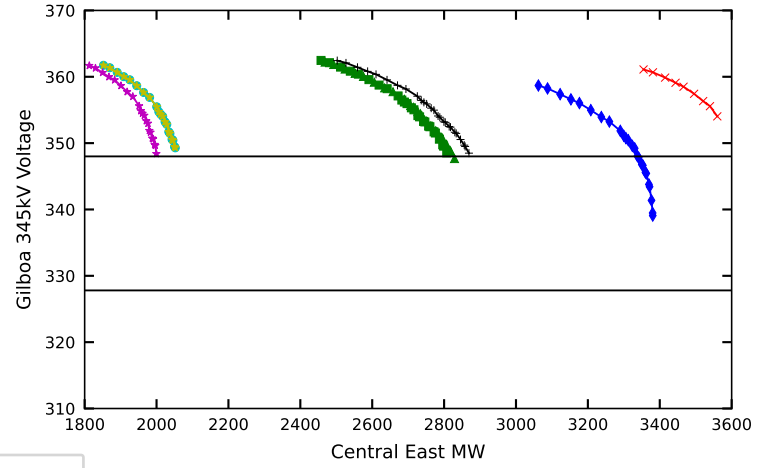
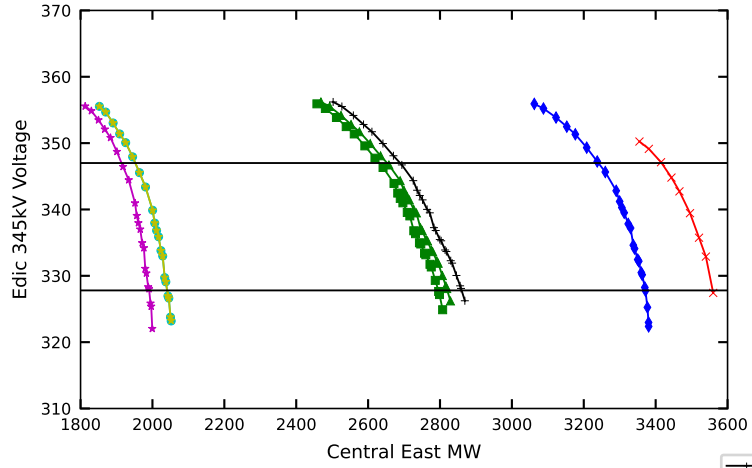
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



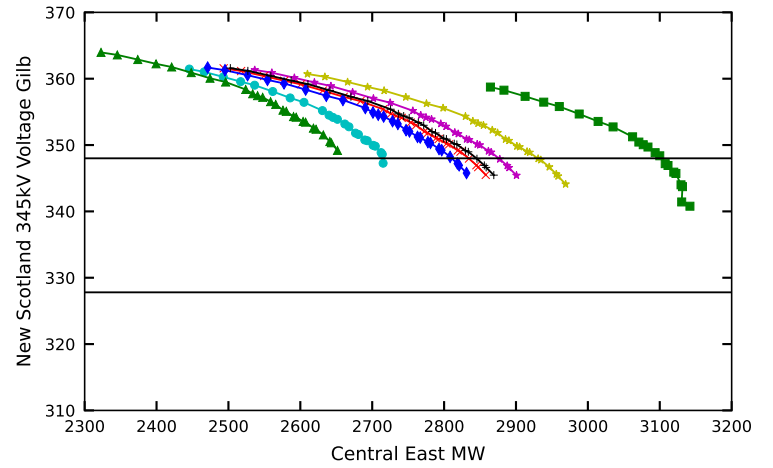
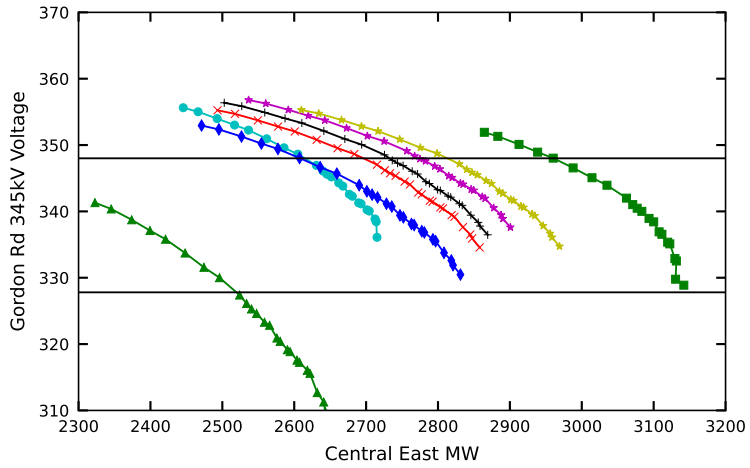
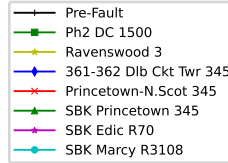
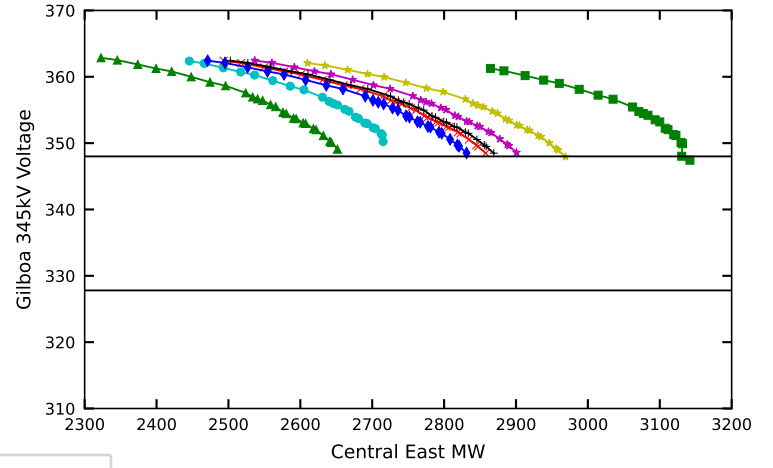
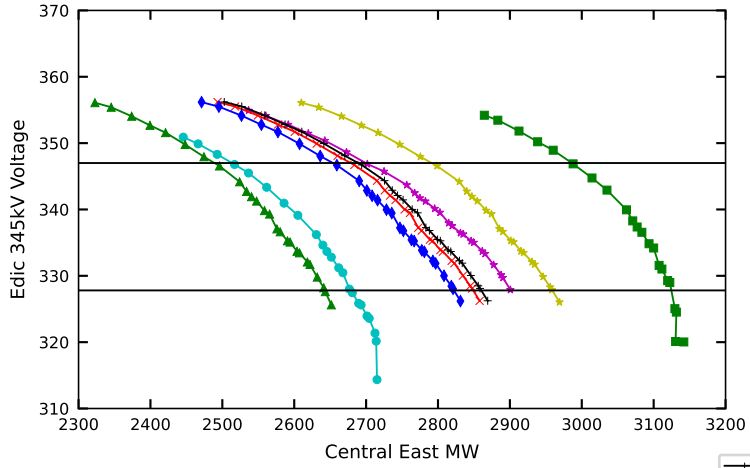
1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A Figure 2



1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A Figure 1



1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 2O 2A

Interface: Central East

Transfer	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
	MW	e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
2502	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2527	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2559	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2587	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2610	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2641	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2670	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2693	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2725	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2736	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2743	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2751	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2764	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2771	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2783	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2788	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2799	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2803	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2814	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2817	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2829	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	1															
2833	t2	0	2	1	0	2	0	2	0	0	0	0	0	0	0	2
	2															
2845	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	0
	3															
2855	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	4															
2858	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	5															
2869	t2	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2
	6															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-03-2023 08:27

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\2O\2A\Sum2023_CEVC_PH2_2O_2A.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 2O 2A

Interface: Central East

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\2O\2A\Sum2023_CEVC_PH2_2O_2A.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 2O 2A

Interface: Central East

N.Scot																									
345																									
ce32)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
361-																									
362 Dlb																									
Ckt Twr																									
345																									
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																									
wood 3																									
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	2	2
Ph2 DC																									
1500																									

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2445 <E	Dunwoodie 345kV Voltage	Pre-Fault	102.5	NA	348	2445
2456 <E	Sprain Brook 345kV Voltage	Pre-Fault	102.6	NA	348	2456
2589	limit with 5% margin	Marcy South N.	NA	NA	NA	3382
2673	Marcy 345kV Voltage	Pre-Fault	16.8	NA	348	2673
2676	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1949
2676	limit with 5% margin	SBK Edic R945	NA	NA	NA	1949
2676	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2975
2688	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1899
2688	Edic 345kV Voltage	Pre-Fault	17.0	NA	347	2688
2703	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2579
2715	limit with 5% margin	Marcy South S.	NA	NA	NA	3211
2720	Gordon Rd 345kV Voltage	SBK Princetown 345	12.1	327.8	348.8	2519
2723	Edic 345kV Voltage	Marcy South N.	5.8	327.8	344.5	3558
2725 >E	Marcy 345kV Voltage	Marcy South N.	5.8	327.8	344.4	3560
2725	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2687
2725	limit with 5% margin	Volney-Marcy	NA	NA	NA	2667
2725	limit with 5% margin	SBK Edic R70	NA	NA	NA	2755
2725	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2519
2725	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2715
2725	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2689
2725	limit with 5% margin	Ravenswood 3	NA	NA	NA	2820
2732	Pannell Road 345kV Voltage	Pre-Fault	9.1	NA	346	2732
2732	Station 80 345kV Voltage	Pre-Fault	8.5	NA	346	2732
2732	Gordon Rd 345kV Voltage	Pre-Fault	13.2	NA	348	2732
2738	Clay 345kV Voltage	Pre-Fault	10.3	NA	345	2738
2740 >E	Clay 345kV Voltage	Marcy South N.	6.7	327.8	345.5	3569
2751	Millwood 345kV Voltage	Pre-Fault	124.0	NA	348	2751
2751 >E	Gordon Rd 345kV Voltage	Marcy South N.	9.0	327.8	347.2	3576
2784	Edic 345kV Voltage	SBK Marcy R3108	8.7	327.8	337.1	2678
2788 >E	Oakdale 345kV Voltage	Marcy South N.	6.9	320	344.8	3600
2793	Marcy 345kV Voltage	SBK Edic R945	5.3	327.8	336.2	2039
2793	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	336.2	2039
2794	Edic 345kV Voltage	SBK Edic R945	5.3	327.8	336.0	2040
2794	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	336.0	2040
2804	Edic 345kV Voltage	Marcy-N.Scot99 345	5.0	327.8	335.1	1990
2806	Edic 345kV Voltage	Ph2 DC 1500	2.8	327.8	334.9	3124
2807	Marcy 345kV Voltage	Ph2 DC 1500	2.7	327.8	334.8	3124
2808	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.0	327.8	334.6	1992
2813 >E	Pannell Road 345kV Voltage	Marcy South N.	10.4	327.8	343.1	3616
2821	Buchanan North 345kV Voltage	Pre-Fault	43.0	NA	346	2821

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2821	Clay 345kV Voltage	SBK Marcy R3108	6.0	327.8	337.5	2706
2822 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	6.9	327.8	337.5	2055
2824 >E	Clay 345kV Voltage	SBK Edic R945	7.8	327.8	337.4	2055
2828	Gordon Rd 345kV Voltage	Marcy South S.	6.2	327.8	341.3	3369
2829	Clay 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	336.9	1999
2833	Edic 345kV Voltage	Marcy South S.	7.6	327.8	331.9	3371
2834	Marcy 345kV Voltage	Marcy South S.	4.8	327.8	331.7	3372
2844	New Scotland 345kV Voltage Alps	Pre-Fault	11.5	NA	348	2844
2844	New Scotland 345kV Voltage Gilb	Pre-Fault	11.5	NA	348	2844
2845 >E	Clay 345kV Voltage	Ph2 DC 1500	8.3	327.8	336.2	3147
2846 >E	Station 80 345kV Voltage	Marcy South N.	11.7	327.8	342.0	3637
2846	Oakdale 345kV Voltage	Pre-Fault	7.2	NA	335	2846
2854 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.5	327.8	338.9	2715
2855	Edic 345kV Voltage	Volney-Marcy	6.2	327.8	328.6	2795
2857	Marcy 345kV Voltage	Volney-Marcy	5.3	327.8	328.2	2797
2857 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.1	320	334.5	2006
2857	Edic 345kV Voltage	SBK Princetown 345	4.3	327.8	328.2	2642
2858	Marcy 345kV Voltage	SBK Princetown 345	4.3	327.8	328.1	2643
2859	Edic 345kV Voltage	Ravenswood 3	5.7	327.8	328.0	2959
2859 >E	Marcy 345kV Voltage	SBK Marcy R3108	6.4	327.8	327.8	2716
2859	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	327.9	2822
2859	Marcy 345kV Voltage	Ravenswood 3	5.7	327.8	327.8	2959
2859	Marcy 345kV Voltage	Princetown-N.Scot 345	5.7	327.8	327.8	2848
2859	Marcy 345kV Voltage	SBK Edic R70	5.7	327.8	327.8	2891
2859	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	327.8	2822
2859	Marcy 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	327.8	2820
2860	Edic 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	327.8	2820
2860	Edic 345kV Voltage	Princetown-N.Scot 345	5.7	327.8	327.8	2848
2862 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.8	320	332.3	2716
2864 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	6.3	327.8	335.9	2078
2864 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	9.9	327.8	340.1	3158
2866 >E	Clay 345kV Voltage	Marcy South S.	5.1	327.8	332.5	3381
2867 >E	Pannell Road 345kV Voltage	SBK Edic R945	6.8	327.8	335.5	2079
2868	Fraser 345kV Voltage	Pre-Fault	5.9	NA	338	2868
2869 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.5	327.8	339.1	2009
2869 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.1	327.8	337.9	2009
2869 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.1	327.8	340.4	2009
2869 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.4	327.8	339.7	2717
2869 >E	Edic 345kV Voltage	SBK Edic R70	5.8	327.8	326.1	2901

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2870 >E	Clay 345kV Voltage	Volney-Marcy	5.4	327.8	331.8	2808
2871 >E	Rock Tavern 345kV Voltage	Pre-Fault	14.8	NA	348	2871
2874 >E	Gilboa 345kV Voltage	Pre-Fault	10.6	NA	348	2874
2875 >E	Pleasant Valley 345kV Voltage	Pre-Fault	22.2	NA	348	2875
2876 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	6.8	327.8	334.6	3164
2881 >E	Coopers Corners 345kV Voltage	Pre-Fault	8.1	NA	338	2881
2882 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	7.0	327.8	335.2	2088
2883 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	7.8	327.8	337.8	2012
2886 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.4	327.8	343.3	3383
2886 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.4	327.8	343.3	3383
2886 >E	Station 80 345kV Voltage	SBK Edic R945	7.5	327.8	334.8	2089
2888 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	5.1	327.8	334.2	2719
2889 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	7.5	327.8	334.0	2850
2889 >E	Station 80 345kV Voltage	Ph2 DC 1500	7.3	327.8	334.5	3172
2890 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	8.7	320	336.2	2092
2893 >E	Clay 345kV Voltage	SBK Princetown 345	7.0	327.8	328.8	2670
2894 >E	Ramapo 500kV Voltage	Ph2 DC 1500	26.6	500	506.7	3174
2896 >E	Clay 345kV Voltage	Ravenswood 3	7.3	327.8	328.4	2996
2898 >E	Buchanan South 345kV Voltage	Pre-Fault	27.7	NA	346	2898
2900 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	7.4	327.8	327.9	2861
2900 >E	Clay 345kV Voltage	N.Scot-Leeds 345	7.4	327.8	327.9	2858
2900 >E	Clay 345kV Voltage	Princetown-N.Scot 345	7.4	327.8	327.8	2888
2902 >E	Oakdale 345kV Voltage	SBK Edic R945	10.0	320	335.8	2097
2905 >E	Clay 345kV Voltage	SBK Edic R70	7.5	327.8	327.2	2936
2906 >E	Oakdale 345kV Voltage	Volney-Marcy	4.6	320	324.1	2838
2906 >E	Pannell Road 345kV Voltage	Marcy South S.	6.1	327.8	332.3	3386
2912 >E	Station 80 345kV Voltage	Marcy South S.	5.6	327.8	331.6	3386
2913 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	9.5	327.8	337.9	2020
2915 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	9.4	327.8	340.7	2106
2918 >E	Oakdale 345kV Voltage	SBK Princetown 345	5.0	320	321.6	2691
2919 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	7.4	327.8	330.3	2876
2919 >E	Oakdale 345kV Voltage	Ravenswood 3	4.9	320	321.5	3018
2921 >E	New Scotland 345kV Voltage Alps	Marcy South N.	12.3	327.8	347.8	3686
2921 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	12.3	327.8	347.8	3686
2922 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	7.9	327.8	329.9	2910
2923 >E	Gordon Rd 345kV Voltage	Ravenswood 3	7.8	327.8	329.8	3022
2925 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	320	320.2	2886
2926 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	5.1	320	320.2	2883

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2926 >E	Coopers Corners 345kV Voltage	Ravenswood 3	6.6	327.8	332.5	3025
2926 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	5.1	320	320.1	2914
2927 >E	Fraser 345kV Voltage	SBK Edic R945	10.5	327.8	340.2	2111
2929 >E	Fraser 345kV Voltage	Ravenswood 3	5.9	327.8	327.8	3028
2929 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	5.9	327.8	327.8	2917
2929 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	5.9	327.8	327.8	2886
2929 >E	Fraser 345kV Voltage	Volney-Marcy	5.9	327.8	327.8	2856
2929 >E	Fraser 345kV Voltage	SBK Edic R70	5.9	327.8	327.8	2959
2929 >E	Fraser 345kV Voltage	SBK Princetown 345	5.9	327.8	327.8	2699
2929 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	5.9	327.8	327.8	2889
2929 >E	Oakdale 345kV Voltage	SBK Edic R70	5.1	320	319.5	2959
2929 >E	Gilboa 345kV Voltage	Marcy South S.	6.3	327.8	343.8	3388
2932 >E	Pannell Road 345kV Voltage	Volney-Marcy	8.7	327.8	331.6	2859
2932 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	14.8	327.8	341.7	2116
2936 >E	Gordon Rd 345kV Voltage	Volney-Marcy	7.5	327.8	328.1	2863
2938 >E	St.Lawrence 230kV Voltage	Pre-Fault	29.6	NA	225	2938
2941 >E	Fraser 345kV Voltage	SBK Marcy R3108	7.0	327.8	327.8	2724
2946 >E	Coopers Corners 345kV Voltage	SBK Edic R945	16.5	327.8	341.4	2121
2949 >E	Gordon Rd 345kV Voltage	SBK Edic R70	8.2	327.8	326.5	2979
2949 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	7.8	327.8	329.6	2715
2950 >E	Oakdale 345kV Voltage	Marcy South S.	7.3	320	323.6	3391
2953 >E	Ramapo 345kV Voltage	Pre-Fault	26.5	NA	346	2953
2955 >E	Coopers Corners 345kV Voltage	SBK Edic R70	8.1	327.8	328.9	2985
2959 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	8.0	327.8	328.4	2915
2961 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	8.0	327.8	328.1	2920
2963 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	8.1	327.8	327.9	2951
2964 >E	Fraser 345kV Voltage	Marcy South S.	8.9	327.8	327.8	3392
2965 >E	Pannell Road 345kV Voltage	SBK Princetown 345	10.8	327.8	328.7	2727
2965 >E	Coopers Corners 345kV Voltage	Volney-Marcy	7.9	327.8	327.6	2886
2967 >E	Pannell Road 345kV Voltage	Ravenswood 3	11.1	327.8	328.5	3066
2967 >E	Oakdale 345kV Voltage	Ph2 DC 1500	10.9	320	333.1	3216
2972 >E	Leeds 345kV Voltage	Pre-Fault	13.9	NA	345	2972
2974 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	16.6	218.5	225.5	2035
2974 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	11.3	327.8	327.9	2930
2974 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	11.3	327.8	327.8	2933
2975 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	11.3	327.8	327.8	2962
2975 >E	Station 80 345kV Voltage	Volney-Marcy	11.5	327.8	331.7	2895
2978 >E	Pannell Road 345kV Voltage	SBK Edic R70	11.4	327.8	327.5	3008

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2984 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	22.3	218.5	226.6	3226
2986 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	17.3	218.5	222.6	2728
2988 >E	Leeds 345kV Voltage	Marcy South S.	7.9	327.8	344.7	3395
2989 >E	Ladentown 345kV Voltage	Pre-Fault	26.9	NA	346	2989
2992 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	8.2	327.8	331.9	2947
2992 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	8.2	327.8	331.9	2947
2996 >E	Ramapo 500kV Voltage	Ravenswood 3	52.7	500	506.1	3095
2999 >E	Niagara 230kV East Voltage	Ph2 DC 1500	14.0	218.5	221.4	3234
2999 >E	Niagara 230kV West Voltage	Ph2 DC 1500	14.0	218.5	221.4	3234
3003 >E	Niagara 230kV East Voltage	SBK Marcy R3108	12.6	218.5	224.3	2730
3003 >E	Niagara 230kV West Voltage	SBK Marcy R3108	12.6	218.5	224.3	2730
3011 >E	Roseton 345kV Voltage	Pre-Fault	23.2	NA	345	3011
3013 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	8.8	327.8	329.7	3112
3013 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	8.8	327.8	329.7	3112
3014 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	14.8	218.5	220.6	2161
3014 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	14.8	218.5	220.6	2161
3018 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	10.8	327.8	325.4	2731
3018 >E	Niagara 230kV East Voltage	SBK Edic R945	15.1	218.5	220.3	2160
3018 >E	Niagara 230kV West Voltage	SBK Edic R945	15.1	218.5	220.3	2160
3018 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	8.9	327.8	332.9	2731
3018 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	8.9	327.8	332.9	2731
3020 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	36.0	500	505.6	2046
3021 >E	Ramapo 500kV Voltage	Marcy South S.	23.7	500	502.2	3399
3021 >E	Station 80 345kV Voltage	Ravenswood 3	14.8	327.8	328.7	3120
3022 >E	Station 80 345kV Voltage	SBK Princetown 345	14.5	327.8	328.6	2773
3024 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	13.0	327.8	343.4	3248
3024 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	13.0	327.8	343.4	3248
3026 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	8.8	327.8	328.3	2936
3026 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	8.8	327.8	328.3	2936
3028 >E	Fraser 345kV Voltage	Ph2 DC 1500	12.4	327.8	335.8	3251
3030 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	9.1	327.8	327.8	3017
3030 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	9.1	327.8	327.8	3017
3031 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	9.2	327.8	327.7	3059
3031 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	9.2	327.8	327.7	3059
3032 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	9.8	327.8	338.8	2049
3033 >E	Somerset 345kV Voltage	Ph2 DC 1500	10.9	327.8	336.1	3253
3033 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	9.1	327.8	327.5	2989
3033 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	9.1	327.8	327.5	2989
3034 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	15.1	327.8	327.8	2988

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3035 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	15.2	327.8	327.8	2991
3035 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	15.1	327.8	327.8	3022
3038 >E	Station 80 345kV Voltage	SBK Edic R70	15.2	327.8	327.6	3066
3040 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	11.0	327.8	335.6	2176
3042 >E	St.Lawrence 230kV Voltage	Marcy South N.	28.1	218.5	227.0	3763
3043 >E	St.Lawrence 230kV Voltage	Marcy South S.	21.2	218.5	221.7	3402
3043 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	40.2	500	504.5	2178
3047 >E	Rock Tavern 345kV Voltage	Ravenswood 3	10.7	327.8	336.1	3145
3048 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	10.4	327.8	332.6	2053
3048 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	10.4	327.8	332.6	2053
3052 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	26.8	218.5	225.7	2182
3052 >E	St.Lawrence 230kV Voltage	Volney-Marcy	22.1	218.5	221.1	2958
3053 >E	Somerset 345kV Voltage	SBK Edic R945	11.7	327.8	334.7	2179
3057 >E	Ramapo 500kV Voltage	SBK Edic R945	42.5	500	504.3	2181
3058 >E	Dunwoodie 345kV Voltage	Ravenswood 3	22.3	327.8	336.9	3157
3060 >E	Sprain Brook 345kV Voltage	Ravenswood 3	22.2	327.8	336.9	3159
3060 >E	Bowline 1 345kV Voltage	Pre-Fault	27.0	NA	345	3060
3062 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	16.9	327.8	338.4	3270
3067 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	9.3	327.8	323.7	2809
3067 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	9.3	327.8	323.7	2809
3070 >E	Somerset 345kV Voltage	SBK Marcy R3108	11.9	327.8	354.8	2736
3071 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	10.2	327.8	329.4	3023
3072 >E	Bowline 2 345kV Voltage	Pre-Fault	27.0	NA	345	3072
3075 >E	Watercure 230kV Voltage	Marcy South N.	19.7	207	226.1	3785
3078 >E	Gilboa 345kV Voltage	Ravenswood 3	10.4	327.8	328.7	3176
3079 >E	Somerset 345kV Voltage	Marcy South S.	10.5	327.8	333.0	3406
3085 >E	Gilboa 345kV Voltage	Volney-Marcy	10.4	327.8	328.0	2985
3087 >E	St.Lawrence 230kV Voltage	SBK Edic R945	30.7	218.5	225.2	2197
3087 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	10.6	327.8	327.8	3073
3087 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	10.5	327.8	327.8	3042
3087 >E	Buchanan North 345kV Voltage	Ravenswood 3	19.4	327.8	336.9	3186
3089 >E	Gilboa 345kV Voltage	SBK Edic R70	10.6	327.8	327.6	3117
3092 >E	Gilboa 345kV Voltage	SBK Princetown 345	10.5	327.8	327.3	2828
3103 >E	Millwood 345kV Voltage	Ravenswood 3	20.3	327.8	337.1	3201
3113 >E	Gilboa 345kV Voltage	SBK Marcy R3108	11.9	327.8	329.9	2740
3114 >E	St.Lawrence 230kV Voltage	Ravenswood 3	28.9	218.5	219.1	3212
3117 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	27.9	218.5	219.0	2848
3121 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	15.0	327.8	339.6	2071
3131 >E	Fraser 345kV Voltage	Marcy South N.	15.7	327.8	327.8	3821

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3131 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	29.6	218.5	218.5	3117
3132 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	29.7	218.5	218.5	3085
3132 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	29.7	218.5	218.5	3081
3134 >E	Buchanan South 345kV Voltage	Ravenswood 3	19.7	327.8	337.5	3232
3150 >E	St.Lawrence 230kV Voltage	SBK Edic R70	31.6	218.5	217.8	3177
3160 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	14.5	327.8	328.5	2882
3163 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	14.6	327.8	328.3	3111
3165 >E	Rock Tavern 345kV Voltage	SBK Edic R70	14.8	327.8	328.1	3192
3166 >E	Somerset 345kV Voltage	Marcy South N.	21.3	327.8	344.2	3843
3168 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	14.8	327.8	327.9	3120
3169 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	14.8	327.8	327.9	3155
3172 >E	Rock Tavern 345kV Voltage	Volney-Marcy	14.7	327.8	327.7	3057
3176 >E	Ramapo 345kV Voltage	Ravenswood 3	18.3	327.8	337.6	3274
3180 >E	Pleasant Valley 345kV Voltage	Marcy South S.	20.3	327.8	339.7	3418
3180 >E	Watercure 230kV Voltage	SBK Marcy R3108	15.3	207	236.0	2747
3196 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	18.9	327.8	333.5	3294
3198 >E	Ladentown 345kV Voltage	Ravenswood 3	18.6	327.8	338.3	3296
3199 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	18.5	327.8	343.4	2091
3212 >E	Leeds 345kV Voltage	Volney-Marcy	13.9	327.8	327.8	3089
3212 >E	Leeds 345kV Voltage	SBK Princetown 345	13.9	327.8	327.8	2923
3212 >E	Leeds 345kV Voltage	Ravenswood 3	13.9	327.8	327.8	3309
3212 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	13.9	327.8	327.8	3162
3212 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	327.8	3158
3212 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	13.9	327.8	327.8	3197
3212 >E	Leeds 345kV Voltage	SBK Edic R70	13.9	327.8	327.8	3237
3214 >E	Somerset 345kV Voltage	Pre-Fault	29.9	NA	338	3214
3225 >E	Niagara 345kV Voltage	Ph2 DC 1500	15.1	327.8	336.6	3363
3226 >E	Gilboa 345kV Voltage	Ph2 DC 1500	18.5	327.8	342.0	3363
3228 >E	Bowline 1 345kV Voltage	Ravenswood 3	18.6	327.8	338.8	3325
3236 >E	Bowline 2 345kV Voltage	Ravenswood 3	18.6	327.8	338.9	3333
3239 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	19.4	207	230.4	2100
3242 >E	Roseton 345kV Voltage	Ravenswood 3	18.2	327.8	335.0	3339
3261 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	16.0	327.8	334.8	2299
3268 >E	Gilboa 345kV Voltage	Marcy South N.	20.7	327.8	338.4	3909
3270 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	21.1	327.8	340.9	2304
3280 >E	Niagara 345kV Voltage	SBK Edic R945	16.7	327.8	333.8	2302
3287 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	27.0	327.8	335.2	2112
3288 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	21.8	327.8	321.3	2314

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3299 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	22.1	327.8	334.5	2320
3299 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	22.1	327.8	334.5	2320
3300 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	21.4	327.8	328.9	3243
3309 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	23.1	207	224.9	2326
3312 >E	Gilboa 345kV Voltage	SBK Edic R945	23.0	327.8	339.8	2319
3323 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	22.2	327.8	327.8	3346
3323 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	22.2	327.8	327.8	3306
3323 >E	Gordon Rd 345kV Voltage	SBK Edic R945	23.4	327.8	319.8	2325
3324 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	22.1	327.8	327.8	3271
3327 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	27.4	327.8	328.4	3269
3328 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	30.7	327.8	328.3	3270
3331 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	22.3	327.8	327.5	3187
3331 >E	Leeds 345kV Voltage	SBK Marcy R3108	18.5	327.8	327.8	2761
3331 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	30.7	327.8	328.3	3273
3336 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	23.8	327.8	333.3	2332
3336 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	23.8	327.8	333.3	2332
3338 >E	Watercure 230kV Voltage	Marcy South S.	18.8	207	211.8	3436
3339 >E	Buchanan North 345kV Voltage	SBK Princetown 345	27.7	327.8	328.0	3024
3339 >E	Somerset 345kV Voltage	Volney-Marcy	22.5	327.8	333.8	3194
3339 >E	Buchanan North 345kV Voltage	SBK Edic R70	28.1	327.8	327.9	3363
3341 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	28.0	327.8	327.9	3287
3342 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	22.3	327.8	327.0	3026
3342 >E	Dunwoodie 345kV Voltage	SBK Edic R70	31.6	327.8	327.9	3365
3342 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	28.0	327.8	327.8	3326
3344 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	31.5	327.8	327.8	3328
3345 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	31.5	327.8	327.8	3290
3345 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	27.3	327.8	328.5	3286
3345 >E	Sprain Brook 345kV Voltage	SBK Edic R70	31.6	327.8	327.9	3368
3345 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	24.5	327.8	338.1	2127
3347 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	31.5	327.8	327.8	3330
3347 >E	Buchanan North 345kV Voltage	Volney-Marcy	28.0	327.8	327.7	3201
3348 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	31.4	327.8	327.8	3293
3355 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	31.6	327.8	327.5	3037
3355 >E	Dunwoodie 345kV Voltage	Volney-Marcy	31.8	327.8	327.5	3207
3357 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	31.5	327.8	327.5	3039
3358 >E	Sprain Brook 345kV Voltage	Volney-Marcy	31.8	327.8	327.5	3210
3360 >E	Millwood 345kV Voltage	SBK Edic R70	28.1	327.8	327.9	3384

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3362 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	28.0	327.8	327.8	3346
3363 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	28.0	327.8	327.8	3308
3372 >E	Millwood 345kV Voltage	SBK Princetown 345	28.0	327.8	327.5	3050
3373 >E	Millwood 345kV Voltage	Volney-Marcy	28.2	327.8	327.5	3222
3374 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	29.2	327.8	332.8	2134
3380 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	27.6	327.8	334.5	2135
3381 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	34.1	327.8	331.8	2135
3383 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	26.9	327.8	328.5	3323
3384 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	34.4	327.8	331.7	2136
3385 >E	Watercure 230kV Voltage	SBK Edic R945	26.6	207	223.8	2359
3389 >E	Leeds 345kV Voltage	Marcy South N.	24.1	327.8	342.6	3987
3396 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	22.7	327.8	328.4	3335
3397 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	25.1	327.8	337.9	2140
3399 >E	Buchanan South 345kV Voltage	SBK Edic R70	27.7	327.8	327.9	3421
3401 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	27.6	327.8	327.8	3344
3401 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	27.6	327.8	327.8	3384
3405 >E	Buchanan South 345kV Voltage	SBK Princetown 345	27.5	327.8	327.7	3076
3406 >E	Niagara 230kV East Voltage	Marcy South S.	42.2	218.5	222.3	3444
3406 >E	Niagara 230kV West Voltage	Marcy South S.	42.2	218.5	222.3	3444
3407 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	25.1	327.8	326.5	2768
3407 >E	Roseton 345kV Voltage	SBK Edic R70	23.2	327.8	327.9	3430
3409 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	23.1	327.8	327.8	3352
3409 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	23.1	327.8	327.8	3392
3409 >E	Buchanan South 345kV Voltage	Volney-Marcy	27.7	327.8	327.5	3252
3411 >E	Roseton 345kV Voltage	SBK Princetown 345	23.0	327.8	327.8	3081
3415 >E	Roseton 345kV Voltage	Volney-Marcy	23.2	327.8	327.6	3256
3420 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	26.0	327.8	328.4	3358
3420 >E	Watercure 230kV Voltage	Ph2 DC 1500	26.9	207	223.2	3473
3422 >E	Gardenville 230kV Voltage	SBK Marcy R3108	22.7	207	227.3	2770
3422 >E	Gardenville 230kV Voltage	Ph2 DC 1500	23.3	207	214.7	3474
3424 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	26.2	327.8	330.2	2146
3425 >E	Ramapo 345kV Voltage	SBK Princetown 345	26.1	327.8	328.2	3092
3432 >E	Ramapo 345kV Voltage	SBK Edic R70	26.6	327.8	328.0	3454
3432 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	22.3	327.8	327.8	2148
3433 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	26.4	327.8	327.9	3376
3433 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	24.4	207	214.4	2395
3434 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	25.0	327.8	338.6	2149

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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3434 >E	Ramapo 500kV Voltage	Marcy South N.	83.4	500	502.5	4016
3435 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	26.5	327.8	327.9	3417
3438 >E	Ramapo 345kV Voltage	Volney-Marcy	26.4	327.8	327.7	3276
3444 >E	Niagara 345kV Voltage	Marcy South S.	20.4	327.8	334.7	3449
3446 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	25.0	327.8	338.8	2152
3455 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	25.8	327.8	335.2	2154
3461 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	26.3	327.8	328.5	3397
3461 >E	Gardenville 230kV Voltage	SBK Edic R945	25.5	207	213.5	2400
3469 >E	Somerset 345kV Voltage	Ravenswood 3	28.5	327.8	329.4	3565
3471 >E	Ladentown 345kV Voltage	SBK Princetown 345	26.5	327.8	328.1	3129
3475 >E	Ladentown 345kV Voltage	SBK Edic R70	27.0	327.8	327.9	3497
3477 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	26.8	327.8	327.9	3418
3478 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	26.9	327.8	327.9	3460
3483 >E	Ladentown 345kV Voltage	Volney-Marcy	26.8	327.8	327.7	3312
3483 >E	Somerset 345kV Voltage	SBK Princetown 345	28.6	327.8	329.0	3139
3484 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	29.3	327.8	327.4	2776
3489 >E	Leeds 345kV Voltage	Ph2 DC 1500	25.0	327.8	344.9	3512
3505 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	26.4	327.8	328.5	3440
3515 >E	Somerset 345kV Voltage	SBK Edic R70	29.8	327.8	327.9	3536
3516 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	26.3	327.8	328.5	3451
3516 >E	Bowline 1 345kV Voltage	SBK Princetown 345	26.6	327.8	328.1	3165
3518 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	29.9	327.8	327.8	3453
3519 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	29.9	327.8	327.8	3500
3520 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	30.0	327.8	327.7	3460
3521 >E	Bowline 1 345kV Voltage	SBK Edic R70	27.0	327.8	327.9	3541
3522 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	26.9	327.8	327.9	3461
3523 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	27.0	327.8	327.9	3505
3527 >E	Bowline 2 345kV Voltage	SBK Princetown 345	26.6	327.8	328.1	3173
3528 >E	Bowline 1 345kV Voltage	Volney-Marcy	26.9	327.8	327.7	3350
3532 >E	Bowline 2 345kV Voltage	SBK Edic R70	27.0	327.8	327.9	3552
3533 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	26.8	327.8	327.9	3472
3534 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	26.9	327.8	327.9	3516
3539 >E	Bowline 2 345kV Voltage	Volney-Marcy	26.9	327.8	327.7	3359
3542 >E	Millwood 345kV Voltage	Marcy South S.	39.3	327.8	333.5	3460
3552 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	43.5	327.8	342.1	3548
3558 >E	Ramapo 500kV Voltage	SBK Princetown 345	99.0	500	501.1	3198
3561 >E	Roseton 345kV Voltage	Marcy South S.	30.4	327.8	335.2	3462

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\2A\Sum2023_CEVC_PH2_20_2A.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3564 >E	Ramapo 500kV Voltage	Volney-Marcy	97.6	500	501.0	3379
3595 >E	Niagara 230kV East Voltage	Marcy South N.	61.5	218.5	227.2	4119
3595 >E	Niagara 230kV West Voltage	Marcy South N.	61.5	218.5	227.2	4119
3599 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	35.8	327.8	344.5	3574
3601 >E	Pleasant Valley 345kV Voltage	Marcy South N.	39.0	327.8	336.5	4124
3604 >E	Sprain Brook 345kV Voltage	Marcy South S.	49.0	327.8	332.8	3467
3604 >E	Dunwoodie 345kV Voltage	Marcy South S.	49.6	327.8	332.9	3467
3605 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	104.5	500	500.7	3537
3627 >E	Coopers Corners 345kV Voltage	Marcy South N.	28.0	327.8	305.9	4140
3628 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	43.4	327.8	327.5	2789
3651 >E	Buchanan North 345kV Voltage	Marcy South S.	41.0	327.8	328.9	3473
3653 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	38.7	327.8	345.6	3605
3661 >E	Ramapo 500kV Voltage	361-362 D1b Ckt Twr 345	110.1	500	500.2	3595
3664 >E	Buchanan South 345kV Voltage	Marcy South S.	40.2	327.8	331.9	3474
3674 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	111.3	500	500.1	3653
3675 >E	Dunwoodie 345kV Voltage	Marcy South N.	53.0	327.8	329.5	4171
3682 >E	Ramapo 500kV Voltage	Pre-Fault	112.1	NA	500	3682
3682 >E	Roseton 345kV Voltage	SBK Marcy R3108	33.9	327.8	326.8	2794
3693 >E	Ramapo 500kV Voltage	SBK Edic R70	115.0	500	499.9	3711
3695 >E	Millwood 345kV Voltage	SBK Marcy R3108	45.2	327.8	326.6	2796
3702 >E	Ramapo 345kV Voltage	Ph2 DC 1500	41.4	327.8	345.5	3633
3707 >E	Ramapo 345kV Voltage	SBK Marcy R3108	38.2	327.8	327.6	2797
3713 >E	Sprain Brook 345kV Voltage	Marcy South N.	54.7	327.8	329.6	4195
3720 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	42.8	327.8	327.0	2798
3732 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	46.1	327.8	345.0	3650
3737 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	46.0	327.8	343.4	2564
3751 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	56.1	327.8	326.4	2801
3754 >E	Millwood 345kV Voltage	Ph2 DC 1500	50.5	327.8	344.3	3662
3757 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	56.1	327.8	326.4	2802
3763 >E	Ladentown 345kV Voltage	Ph2 DC 1500	41.6	327.8	346.7	3668
3776 >E	Ladentown 345kV Voltage	SBK Marcy R3108	39.0	327.8	327.5	2803
3791 >E	Ramapo 500kV Voltage	SBK Marcy R3108	128.7	500	504.8	2805
3820 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	61.9	327.8	342.6	3700
3828 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	41.5	327.8	348.0	3704
3830 >E	Niagara 345kV Voltage	Marcy South N.	39.7	327.8	346.9	4270
3830 >E	Rock Tavern 345kV Voltage	SBK Edic R945	50.6	327.8	342.7	2600
3834 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	38.8	327.8	327.5	2809
3834 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	63.0	327.8	342.6	3708
3839 >E	Millwood 345kV Voltage	Marcy South N.	53.9	327.8	330.7	4277
3846 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	41.4	327.8	348.3	3715

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3850 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	38.7	327.8	327.5	2811
3897 >E	Rainey 345kV Voltage	Ravenswood 3	52.1	327.8	343.5	3990
3921 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	39.6	327.8	349.1	2269
3947 >E	Roseton 345kV Voltage	Ph2 DC 1500	46.2	327.8	347.0	3772
3956 >E	Ramapo 345kV Voltage	Marcy South S.	44.0	327.8	327.2	3509
3957 >E	Farragut 345kV Voltage	Ravenswood 3	54.8	327.8	342.7	4050
3979 >E	Ladentown 345kV Voltage	Marcy South S.	44.0	327.8	327.8	3511
4052 >E	Bowline 1 345kV Voltage	Marcy South S.	44.1	327.8	327.9	3520
4056 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	92.4	218.5	230.4	2303
4056 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	92.4	218.5	230.4	2303
4074 >E	Gardenville 230kV Voltage	Marcy South S.	47.3	207	216.5	3522
4075 >E	Buchanan South 345kV Voltage	Marcy South N.	59.6	327.8	330.2	4428
4076 >E	Buchanan North 345kV Voltage	Marcy South N.	64.8	327.8	328.4	4429
4110 >E	Roseton 345kV Voltage	Marcy South N.	51.3	327.8	332.2	4451
4167 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	78.4	327.8	338.7	2804
4183 >E	Rock Tavern 345kV Voltage	Marcy South S.	46.6	327.8	312.6	3535
4187 >E	Bowline 2 345kV Voltage	Marcy South S.	48.3	327.8	325.5	3536
4189 >E	Rock Tavern 345kV Voltage	Marcy South N.	50.8	327.8	320.5	4501
4198 >E	Niagara 345kV Voltage	Pre-Fault	70.1	NA	338	4198
4208 >E	Gardenville 230kV Voltage	Marcy South N.	59.9	207	226.2	4514
4230 >E	Niagara 230kV East Voltage	Pre-Fault	202.0	NA	225	4230
4230 >E	Niagara 230kV West Voltage	Pre-Fault	202.0	NA	225	4230
4269 >E	Buchanan North 345kV Voltage	SBK Edic R945	84.3	327.8	338.2	2837
4277 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	68.3	327.8	342.2	2865
4291 >E	Niagara 345kV Voltage	Volney-Marcy	49.4	327.8	336.7	3977
4397 >E	Ramapo 345kV Voltage	SBK Edic R945	73.9	327.8	341.5	2907
4435 >E	Rainey 345kV Voltage	Pre-Fault	98.7	NA	338	4435
4439 >E	Goethals 345kV Voltage	Ravenswood 3	73.9	327.8	341.8	4529
4443 >E	Farragut 345kV Voltage	Pre-Fault	102.4	NA	338	4443
4463 >E	Niagara 230kV East Voltage	Volney-Marcy	122.1	218.5	223.8	4119
4463 >E	Niagara 230kV West Voltage	Volney-Marcy	122.1	218.5	223.8	4119
4487 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	72.9	327.8	342.7	2982
4587 >E	Leeds 345kV Voltage	SBK Edic R945	64.3	327.8	327.8	3009
4589 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	64.4	327.8	327.8	3039
4595 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	72.5	327.8	343.8	3042
4621 >E	Ladentown 345kV Voltage	SBK Edic R945	78.7	327.8	342.0	3028
4629 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	72.5	327.8	344.0	3061
4697 >E	Ramapo 345kV Voltage	Marcy South N.	76.4	327.8	327.0	4829
4724 >E	Niagara 345kV Voltage	Ravenswood 3	64.8	327.8	330.5	4812
4739 >E	Bowline 1 345kV Voltage	SBK Edic R945	78.4	327.8	343.0	3092
4771 >E	Niagara 345kV Voltage	SBK Princetown 345	65.5	327.8	329.8	4160

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4774 >E	Bowline 2 345kV Voltage	SBK Edic R945	78.3	327.8	343.2	3111
4791 >E	Ladentown 345kV Voltage	Marcy South N.	77.4	327.8	328.5	4889
4807 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	98.7	327.8	340.8	3160
4865 >E	Coopers Corners 345kV Voltage	Marcy South S.	52.8	327.8	199.4	3615
4875 >E	Niagara 345kV Voltage	SBK Edic R70	69.0	327.8	328.4	4872
4914 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	70.2	327.8	327.8	4794
4917 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	70.3	327.8	327.7	4884
4922 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	70.5	327.8	327.7	4813
4942 >E	Watercure 230kV Voltage	Volney-Marcy	85.9	207	228.2	4513
4965 >E	Buchanan South 345kV Voltage	SBK Edic R945	106.5	327.8	340.2	3214
4973 >E	Goethals 345kV Voltage	Pre-Fault	138.7	NA	338	4973
5067 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	91.9	327.8	341.1	3305
5104 >E	Niagara 230kV East Voltage	Ravenswood 3	172.8	218.5	220.7	5190
5104 >E	Niagara 230kV West Voltage	Ravenswood 3	172.8	218.5	220.7	5190
5141 >E	Bowline 1 345kV Voltage	Marcy South N.	85.6	327.8	328.6	5114
5163 >E	Bowline 2 345kV Voltage	Marcy South N.	85.1	327.8	328.7	5128
5202 >E	Niagara 230kV East Voltage	SBK Princetown 345	177.2	218.5	220.2	4502
5202 >E	Niagara 230kV West Voltage	SBK Princetown 345	177.2	218.5	220.2	4502
5215 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	127.2	327.8	340.4	3388
5239 >E	Roseton 345kV Voltage	SBK Edic R945	98.9	327.8	340.2	3362
5368 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	96.0	327.8	328.5	5231
5387 >E	Niagara 230kV East Voltage	SBK Edic R70	191.1	218.5	219.3	5376
5387 >E	Niagara 230kV West Voltage	SBK Edic R70	191.1	218.5	219.3	5376
5408 >E	Millwood 345kV Voltage	SBK Edic R945	137.4	327.8	339.9	3454
5409 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	113.1	327.8	336.1	3496
5414 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	99.7	327.8	328.5	5275
5434 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	98.3	327.8	327.9	5307
5435 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	98.4	327.8	327.9	5395
5439 >E	Rainey 345kV Voltage	SBK Edic R70	98.7	327.8	327.8	5427
5453 >E	Rainey 345kV Voltage	SBK Princetown 345	98.7	327.8	327.7	4701
5470 >E	Rainey 345kV Voltage	Volney-Marcy	99.5	327.8	327.5	4948
5480 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	102.1	327.8	327.9	5352
5483 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	102.2	327.8	327.8	5442
5485 >E	Farragut 345kV Voltage	SBK Edic R70	102.5	327.8	327.8	5472
5500 >E	Farragut 345kV Voltage	SBK Princetown 345	102.5	327.8	327.7	4738
5517 >E	Farragut 345kV Voltage	Volney-Marcy	103.3	327.8	327.5	4986
5535 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	201.5	218.5	218.5	5391
5535 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	201.5	218.5	218.5	5391

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5551 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	202.6	218.5	218.5	5510
5551 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	202.6	218.5	218.5	5510
5552 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	202.8	218.5	218.5	5421
5552 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	202.8	218.5	218.5	5421
5559 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	119.6	327.8	335.2	3535
5605 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	170.6	327.8	339.7	3605
5690 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	108.4	327.8	334.5	2707
5713 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	178.1	327.8	339.8	3665
5733 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	112.2	327.8	334.4	2717
5841 >E	Sprain Brook 345kV Voltage	SBK Edic R945	185.0	327.8	339.3	3688
5960 >E	Dunwoodie 345kV Voltage	SBK Edic R945	193.2	327.8	339.4	3752
6285 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	134.8	327.8	328.5	6112
6374 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	138.1	327.8	327.9	6215
6378 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	138.3	327.8	327.9	6328
6383 >E	Goethals 345kV Voltage	SBK Edic R70	138.7	327.8	327.8	6355
6400 >E	Goethals 345kV Voltage	SBK Princetown 345	138.8	327.8	327.7	5452
6427 >E	Goethals 345kV Voltage	Volney-Marcy	140.0	327.8	327.5	5735
6712 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	151.6	327.8	334.4	2959
6776 >E	Rainey 345kV Voltage	Marcy South S.	150.2	327.8	336.9	3839
6801 >E	Farragut 345kV Voltage	Marcy South S.	154.1	327.8	336.8	3842
7004 >E	Watercure 230kV Voltage	Ravenswood 3	168.2	207	224.1	7078
7349 >E	Rainey 345kV Voltage	SBK Marcy R3108	170.5	327.8	325.9	3144
7438 >E	Rainey 345kV Voltage	Ph2 DC 1500	175.4	327.8	352.3	5751
7449 >E	Farragut 345kV Voltage	Ph2 DC 1500	179.4	327.8	351.8	5758
7463 >E	Farragut 345kV Voltage	SBK Marcy R3108	178.3	327.8	325.9	3155
8152 >E	Goethals 345kV Voltage	Marcy South S.	208.6	327.8	337.6	4000
8267 >E	Rainey 345kV Voltage	Marcy South N.	205.4	327.8	331.1	7126
8438 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	220.8	207	273.7	3387
8448 >E	Farragut 345kV Voltage	Marcy South N.	216.5	327.8	331.1	7243
8695 >E	Goethals 345kV Voltage	Ph2 DC 1500	230.1	327.8	352.5	6464
9149 >E	Goethals 345kV Voltage	SBK Marcy R3108	246.1	327.8	325.8	3316
9197 >E	Northport 138kV Voltage	Ravenswood 3	511.6	131.1	135.1	9257
9265 >E	Watercure 230kV Voltage	SBK Princetown 345	257.0	207	219.6	7724
9299 >E	Northport 138kV Voltage	Pre-Fault	733.8	NA	135	9299
10397 >E	Goethals 345kV Voltage	Marcy South N.	294.9	327.8	331.0	8497
11569 >E	Watercure 230kV Voltage	Pre-Fault	500.2	NA	215	11569

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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
11956 >E	Northport 138kV Voltage	N.Scot-Leeds 345	717.9	131.1	131.4	11563
12142 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	732.2	131.1	131.1	11784
12151 >E	Northport 138kV Voltage	Princetown-N.Scot 345	733.0	131.1	131.1	12037
12167 >E	Northport 138kV Voltage	SBK Edic R70	734.5	131.1	131.1	12041
12199 >E	Northport 138kV Voltage	SBK Princetown 345	736.1	131.1	131.0	10052
12276 >E	Northport 138kV Voltage	Volney-Marcy	742.4	131.1	130.9	10549
13502 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	839.5	131.1	133.6	4639
15596 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	501.7	207	207.0	15443
15622 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	503.8	207	206.9	15144
15626 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	503.5	207	206.9	15090
16511 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	517.8	327.8	348.5	9682
16542 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	529.4	327.8	347.9	9700
17239 >E	Watercure 230kV Voltage	SBK Edic R70	563.7	207	203.7	17027
17651 >E	Northport 138kV Voltage	Ph2 DC 1500	1168.8	131.1	145.4	11543
17675 >E	Farragut 345kV Voltage	SBK Edic R945	573.1	327.8	347.4	10092
17685 >E	Rainey 345kV Voltage	SBK Edic R945	562.1	327.8	348.0	10098
19383 >E	Northport 138kV Voltage	SBK Marcy R3108	1301.4	131.1	130.0	4292
21735 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	737.8	327.8	350.6	12593
23409 >E	Goethals 345kV Voltage	SBK Edic R945	803.1	327.8	350.3	13195
30371 >E	Northport 138kV Voltage	Marcy South S.	2174.5	131.1	134.5	6603
99998	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

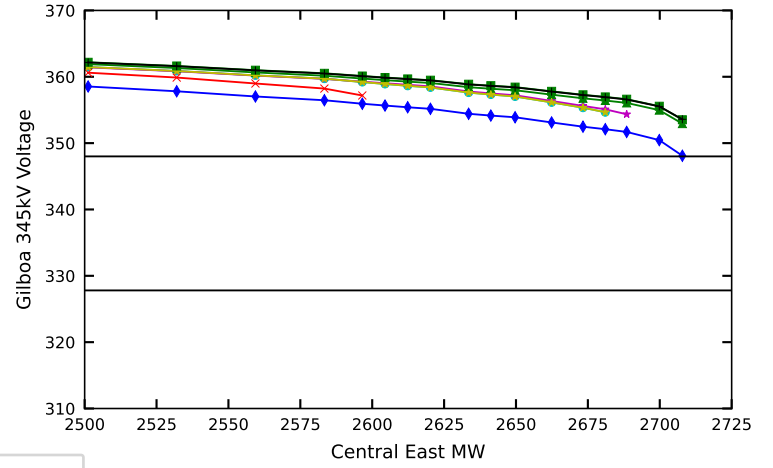
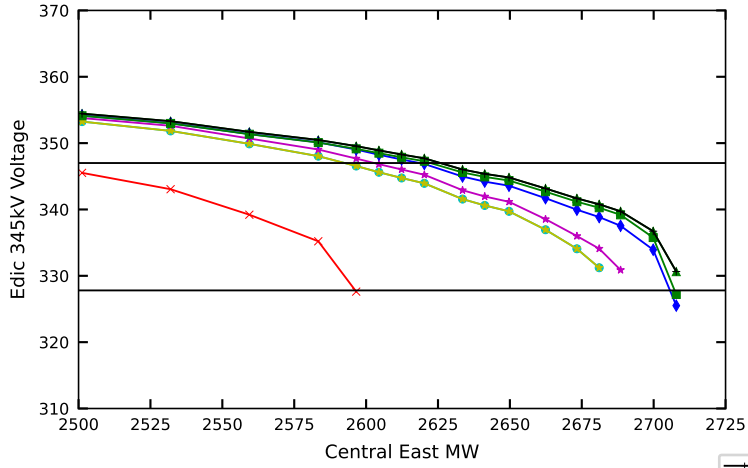
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\2A\Sum2023_CEVC_PH2_20_2A.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 2A

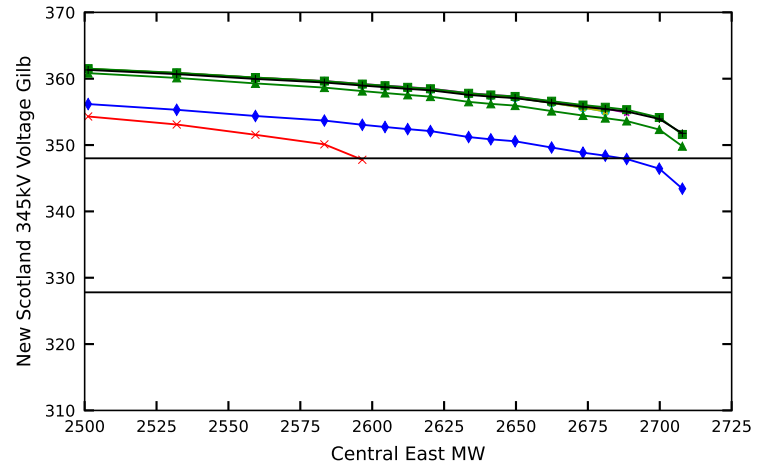
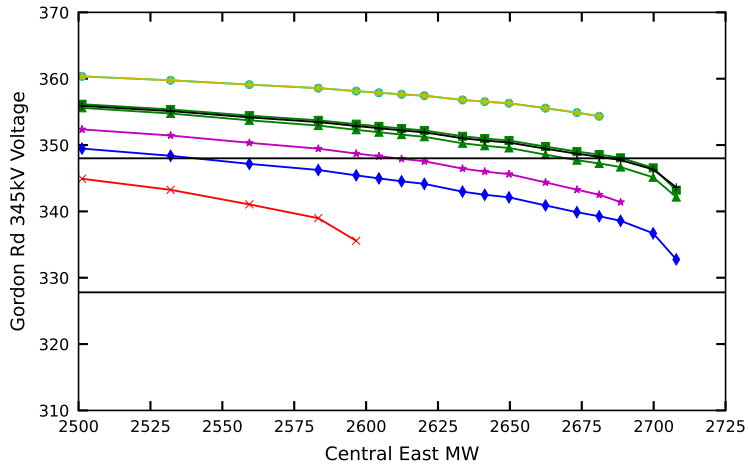
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
>E						
99999	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99999
>E						
99999	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

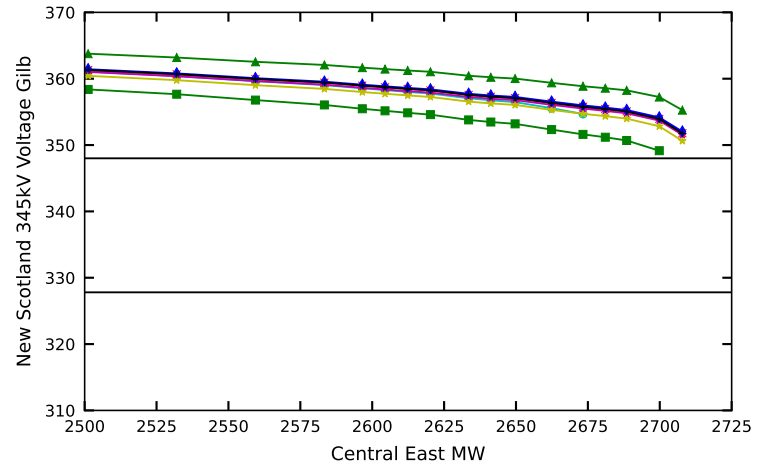
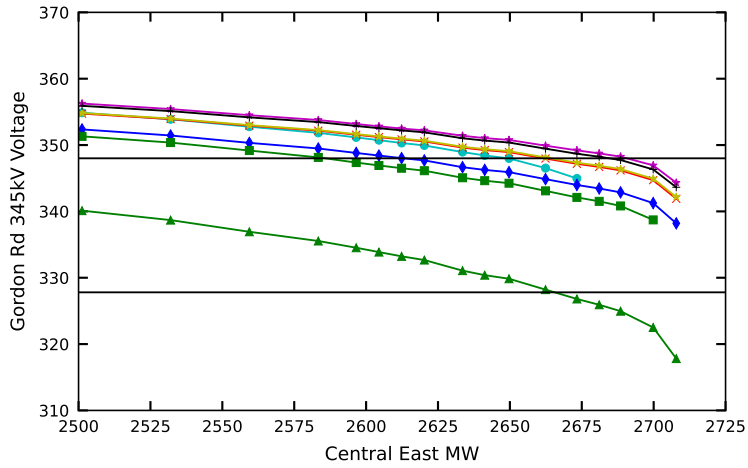
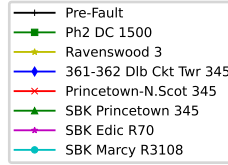
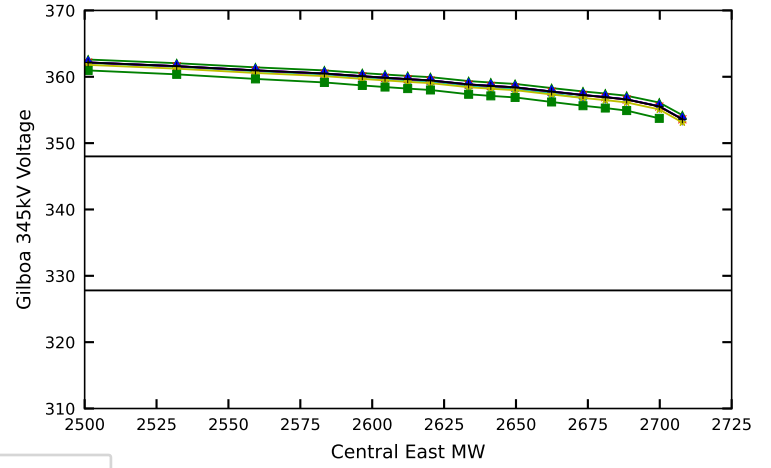
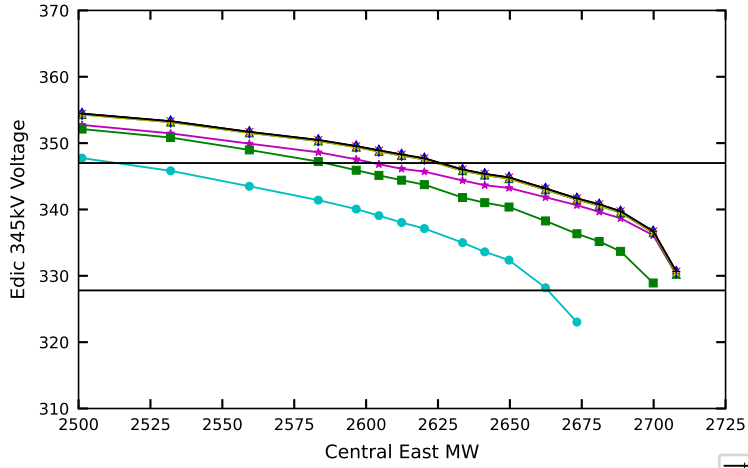
1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S Figure 1



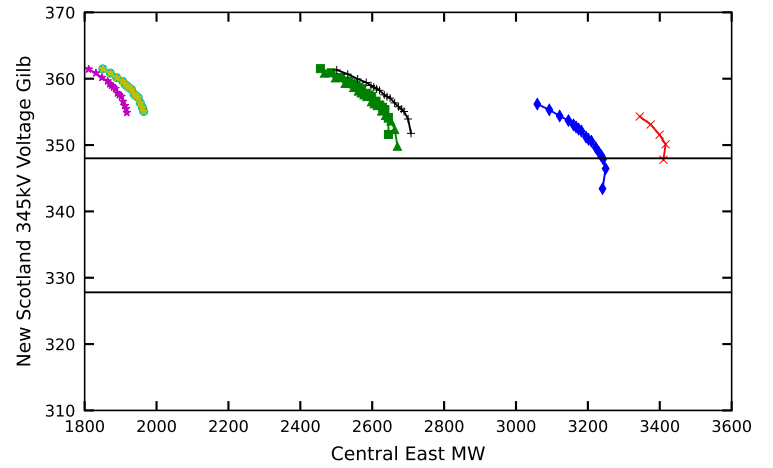
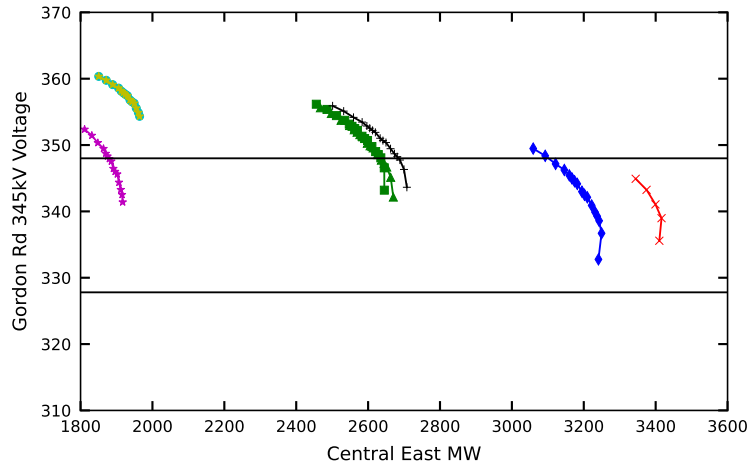
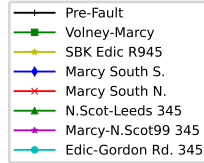
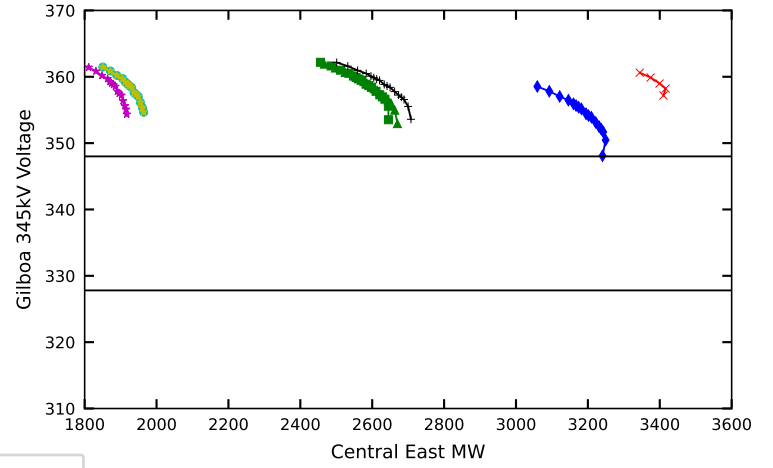
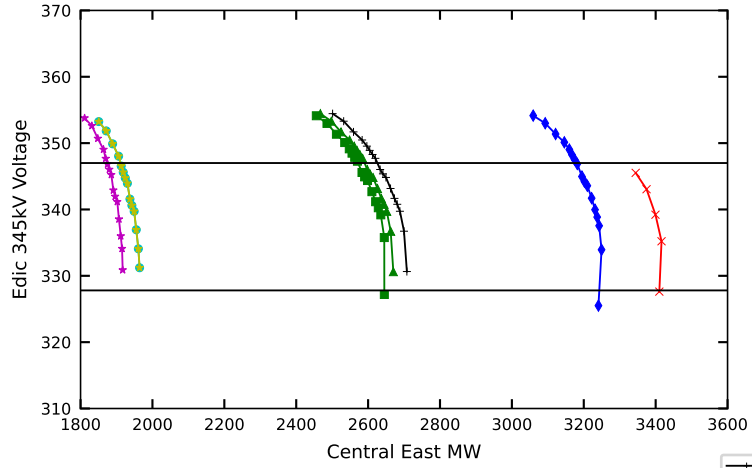
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



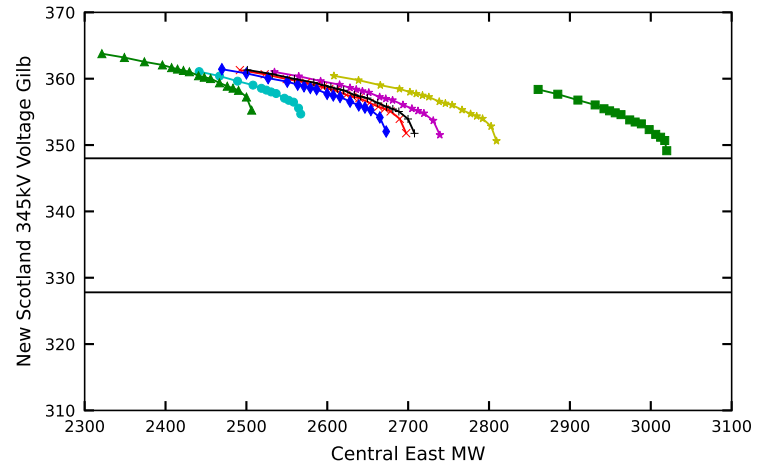
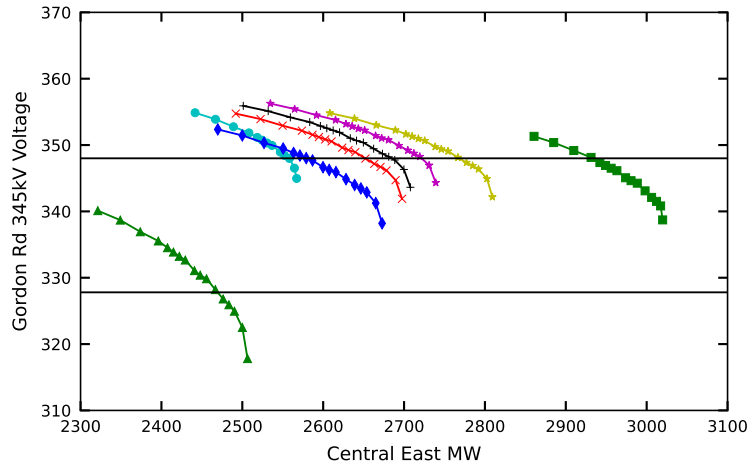
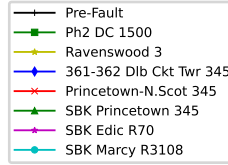
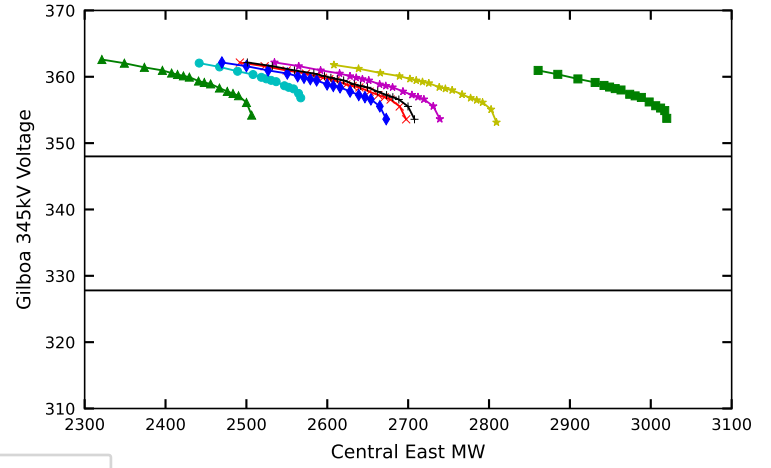
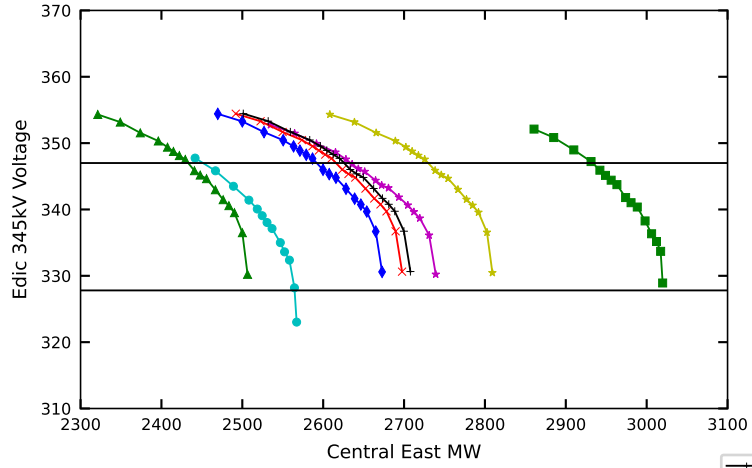
1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S Figure 2



1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S Figure 1



1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 2O 3S

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2501	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2532	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2559	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2583	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2596	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2604	t6	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2612	t7	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2620	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2633	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2641	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2649	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2662	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2673	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2681	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	4															
2688	t1	0	1	0	0	2	0	1	0	2	0	0	0	0	0	0
	5															
2699	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	0
	6															
2707	t1	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	7															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\3S\Sum2023_CEVC_PH2_20_3S.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2444 <E	Dunwoodie 345kV Voltage	Pre-Fault	97.5	NA	348	2444
2454	limit with 5% margin	Marcy South N.	NA	NA	NA	3245
2454 <E	Sprain Brook 345kV Voltage	Pre-Fault	97.7	NA	348	2454
2539	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2438
2547	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1866
2547	limit with 5% margin	SBK Edic R945	NA	NA	NA	1866
2554	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1821
2564	limit with 5% margin	Marcy South S.	NA	NA	NA	3086
2564	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2868
2572	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2536
2572	limit with 5% margin	Volney-Marcy	NA	NA	NA	2512
2572	limit with 5% margin	SBK Edic R70	NA	NA	NA	2602
2572	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2381
2572	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2562
2572	limit with 5% margin	361-362 D1b Ckt Twr 345	NA	NA	NA	2539
2572	limit with 5% margin	Ravenswood 3	NA	NA	NA	2668
2617 >E	Clay 345kV Voltage	Marcy South N.	6.0	327.8	348.2	3440
2617	Marcy 345kV Voltage	Pre-Fault	13.6	NA	348	2617
2625	Edic 345kV Voltage	Pre-Fault	7.9	NA	347	2625
2627 >E	Edic 345kV Voltage	Marcy South N.	6.0	327.8	348.2	3447
2630 >E	Marcy 345kV Voltage	Marcy South N.	6.0	327.8	348.2	3449
2639	Pannell Road 345kV Voltage	Pre-Fault	17.9	NA	346	2639
2642	Clay 345kV Voltage	Pre-Fault	14.1	NA	345	2642
2642	Station 80 345kV Voltage	Pre-Fault	20.8	NA	346	2642
2660	Clay 345kV Voltage	SBK Marcy R3108	2.7	327.8	343.2	2563
2663	Edic 345kV Voltage	SBK Marcy R3108	2.1	327.8	343.1	2564
2665	Gordon Rd 345kV Voltage	SBK Princetown 345	7.8	327.8	349.2	2469
2684	Gordon Rd 345kV Voltage	Pre-Fault	14.9	NA	348	2684
2688 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.2	327.8	343.0	2570
2689 >E	Clay 345kV Voltage	SBK Edic R945	2.6	327.8	339.8	1967
2689 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.6	327.8	339.8	1967
2690 >E	Marcy 345kV Voltage	SBK Edic R945	2.7	327.8	339.8	1968
2690 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	339.8	1968
2690 >E	Edic 345kV Voltage	SBK Edic R945	2.7	327.8	339.7	1968
2690 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	339.7	1968
2693 >E	Pannell Road 345kV Voltage	Marcy South N.	9.8	327.8	345.6	3493
2694 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	2.2	327.8	338.9	1918
2695 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	2.3	327.8	338.7	1918
2697 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.3	327.8	338.5	1919
2700	Millwood 345kV Voltage	Pre-Fault	13.6	NA	348	2700

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2702 >E	Edic 345kV Voltage	Ph2 DC 1500	2.4	327.8	336.0	3020
2702	Clay 345kV Voltage	Volney-Marcy	0.8	327.8	334.4	2645
2702 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.9	327.8	342.8	2574
2702 >E	Clay 345kV Voltage	Ph2 DC 1500	2.2	327.8	335.8	3020
2703 >E	Marcy 345kV Voltage	Ph2 DC 1500	2.4	327.8	335.9	3020
2707	Edic 345kV Voltage	Volney-Marcy	0.9	327.8	331.1	2645
2708 >E	Marcy 345kV Voltage	Volney-Marcy	0.9	327.8	330.6	2645
2709 >E	Clay 345kV Voltage	SBK Princetown 345	1.2	327.8	328.7	2507
2709 >E	Clay 345kV Voltage	SBK Edic R70	1.2	327.8	328.5	2741
2710 >E	Clay 345kV Voltage	Ravenswood 3	1.2	327.8	328.3	2811
2710 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	1.2	327.8	327.9	2675
2710 >E	Clay 345kV Voltage	N.Scot-Leeds 345	1.2	327.8	327.9	2672
2710 >E	Clay 345kV Voltage	Princetown-N.Scot 345	1.2	327.8	327.8	2700
2710 >E	Edic 345kV Voltage	SBK Princetown 345	1.3	327.8	328.3	2508
2711 >E	Edic 345kV Voltage	SBK Edic R70	1.4	327.8	328.1	2742
2711 >E	Oakdale 345kV Voltage	Pre-Fault	1.5	NA	335	2711
2711 >E	Edic 345kV Voltage	Ravenswood 3	1.3	327.8	328.0	2812
2711 >E	Marcy 345kV Voltage	SBK Princetown 345	1.3	327.8	328.0	2509
2711 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	1.3	327.8	327.9	2676
2711 >E	Pannell Road 345kV Voltage	Volney-Marcy	1.2	327.8	333.9	2645
2711 >E	Edic 345kV Voltage	N.Scot-Leeds 345	1.3	327.8	327.8	2673
2711 >E	Edic 345kV Voltage	Princetown-N.Scot 345	1.3	327.8	327.8	2701
2711 >E	Marcy 345kV Voltage	Ravenswood 3	1.3	327.8	327.8	2812
2711 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	1.3	327.8	327.8	2673
2711 >E	Marcy 345kV Voltage	SBK Edic R70	1.3	327.8	327.8	2743
2711 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	1.3	327.8	327.8	2701
2711 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	1.3	327.8	327.8	2676
2712 >E	Gordon Rd 345kV Voltage	Marcy South N.	11.5	327.8	349.6	3507
2716 >E	Station 80 345kV Voltage	Volney-Marcy	1.6	327.8	334.0	2645
2717 >E	Buchanan North 345kV Voltage	Pre-Fault	14.1	NA	346	2717
2719 >E	Edic 345kV Voltage	Marcy South S.	3.1	327.8	331.6	3260
2719 >E	Clay 345kV Voltage	Marcy South S.	3.1	327.8	331.3	3260
2720 >E	Marcy 345kV Voltage	Marcy South S.	3.1	327.8	331.4	3261
2721 >E	Pannell Road 345kV Voltage	SBK Princetown 345	1.8	327.8	328.7	2517
2721 >E	Oakdale 345kV Voltage	Volney-Marcy	1.1	320	328.1	2645
2721 >E	Pannell Road 345kV Voltage	SBK Edic R945	4.2	327.8	339.8	1982
2721 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	339.8	1982
2721 >E	New Scotland 345kV Voltage Alps	Pre-Fault	3.7	NA	348	2721

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2721 >E	New Scotland 345kV Voltage	Gilb Pre-Fault	3.7	NA	348	2721
2721 >E	Pannell Road 345kV Voltage	Ravenswood 3	1.9	327.8	328.4	2820
2722 >E	Fraser 345kV Voltage	Pre-Fault	2.0	NA	338	2722
2722 >E	Pannell Road 345kV Voltage	SBK Edic R70	1.9	327.8	328.2	2753
2722 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	3.0	327.8	334.9	3024
2722 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	1.9	327.8	327.9	2687
2722 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	1.9	327.8	327.9	2683
2723 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	1.9	327.8	327.8	2712
2723 >E	St.Lawrence 230kV Voltage	Pre-Fault	4.7	NA	225	2723
2725 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	339.7	1925
2728 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.2	320	341.2	2580
2729 >E	Oakdale 345kV Voltage	Marcy South N.	8.1	320	348.2	3518
2729 >E	Station 80 345kV Voltage	SBK Princetown 345	2.3	327.8	328.7	2523
2729 >E	Station 80 345kV Voltage	Ravenswood 3	2.3	327.8	328.6	2827
2730 >E	Station 80 345kV Voltage	Ph2 DC 1500	3.4	327.8	334.7	3026
2730 >E	Station 80 345kV Voltage	SBK Edic R70	2.4	327.8	328.2	2762
2730 >E	Coopers Corners 345kV Voltage	Pre-Fault	2.9	NA	338	2730
2731 >E	Gilboa 345kV Voltage	Pre-Fault	4.1	NA	348	2731
2731 >E	Oakdale 345kV Voltage	SBK Princetown 345	1.5	320	321.7	2525
2731 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	327.9	2695
2731 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	327.9	2691
2731 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	327.8	2721
2731 >E	Oakdale 345kV Voltage	Ravenswood 3	1.5	320	321.2	2829
2733 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	1.5	320	320.3	2697
2733 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	1.5	320	320.2	2693
2733 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.7	320	338.5	1927
2733 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	1.5	320	320.1	2723
2733 >E	Oakdale 345kV Voltage	SBK Edic R70	1.5	320	320.0	2765
2734 >E	Rock Tavern 345kV Voltage	Pre-Fault	7.6	NA	348	2734
2735 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	2.6	327.8	334.5	2699
2736 >E	Station 80 345kV Voltage	Marcy South N.	11.7	327.8	344.9	3524
2737 >E	Oakdale 345kV Voltage	SBK Edic R945	3.3	320	339.7	1989
2737 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.3	320	339.7	1989
2740 >E	St.Lawrence 230kV Voltage	Volney-Marcy	3.7	218.5	221.3	2645
2740 >E	Pleasant Valley 345kV Voltage	Pre-Fault	10.4	NA	348	2740
2741 >E	Pannell Road 345kV Voltage	Marcy South S.	3.9	327.8	330.7	3273
2741 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	4.8	327.8	339.9	1929

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2742 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	2.0	327.8	327.8	2701
2742 >E	Fraser 345kV Voltage	Volney-Marcy	2.0	327.8	327.8	2645
2742 >E	Fraser 345kV Voltage	SBK Edic R70	2.0	327.8	327.8	2774
2742 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	2.0	327.8	327.8	2731
2742 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	2.0	327.8	327.8	2706
2742 >E	Fraser 345kV Voltage	SBK Princetown 345	2.0	327.8	327.8	2534
2742 >E	Fraser 345kV Voltage	Ravenswood 3	2.0	327.8	327.8	2837
2742 >E	Station 80 345kV Voltage	SBK Edic R945	5.4	327.8	340.2	1991
2742 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	340.2	1991
2744 >E	Gordon Rd 345kV Voltage	Volney-Marcy	2.4	327.8	331.3	2645
2746 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	330.7	2705
2748 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	2.9	327.8	330.1	2737
2749 >E	Gordon Rd 345kV Voltage	Ravenswood 3	2.9	327.8	329.6	2844
2751 >E	Buchanan South 345kV Voltage	Pre-Fault	13.6	NA	346	2751
2751 >E	Station 80 345kV Voltage	Marcy South S.	4.3	327.8	330.3	3279
2751 >E	St.Lawrence 230kV Voltage	Ravenswood 3	4.6	218.5	219.0	2845
2751 >E	St.Lawrence 230kV Voltage	SBK Edic R70	4.5	218.5	218.9	2783
2751 >E	Coopers Corners 345kV Voltage	Ravenswood 3	2.8	327.8	330.8	2845
2753 >E	Gordon Rd 345kV Voltage	Marcy South S.	6.0	327.8	339.6	3281
2753 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	4.6	218.5	218.6	2542
2753 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	4.7	218.5	218.5	2742
2753 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	4.7	218.5	218.5	2717
2753 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.0	320	329.7	3031
2753 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	4.7	218.5	218.5	2712
2756 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	2.9	327.8	329.3	2545
2756 >E	Coopers Corners 345kV Voltage	Volney-Marcy	2.7	327.8	329.3	2645
2756 >E	Coopers Corners 345kV Voltage	SBK Edic R70	2.9	327.8	329.3	2788
2758 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.1	327.8	326.7	2790
2758 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.4	327.8	339.0	3032
2758 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	2.9	327.8	328.4	2716
2759 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	327.8	328.1	2723
2760 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	2.9	327.8	327.9	2749
2762 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	344.2	1934
2762 >E	Ramapo 500kV Voltage	Ravenswood 3	13.9	500	505.2	2854
2766 >E	Fraser 345kV Voltage	SBK Edic R945	4.3	327.8	344.6	2002
2767 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	344.6	2002
2767 >E	Niagara 230kV East Voltage	Pre-Fault	9.5	NA	225	2767
2767 >E	Niagara 230kV West Voltage	Pre-Fault	9.5	NA	225	2767

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2774 >E	Marcy 345kV Voltage	SBK Marcy R3108	7.3	327.8	327.8	2592
2776 >E	Somerset 345kV Voltage	Volney-Marcy	3.6	327.8	338.6	2646
2778 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	3.2	327.8	332.8	2734
2778 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	3.2	327.8	332.8	2734
2778 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.0	327.8	344.6	1938
2778 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	6.6	327.8	341.7	1938
2778 >E	Ramapo 345kV Voltage	Pre-Fault	13.5	NA	346	2778
2780 >E	Somerset 345kV Voltage	Pre-Fault	6.5	NA	338	2780
2782 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	3.1	327.8	331.6	2646
2782 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	3.1	327.8	331.6	2646
2783 >E	Oakdale 345kV Voltage	Marcy South S.	3.9	320	322.4	3299
2785 >E	Coopers Corners 345kV Voltage	SBK Edic R945	6.8	327.8	344.7	2010
2785 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	344.7	2010
2790 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	3.6	327.8	329.4	2878
2790 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	3.6	327.8	329.4	2878
2791 >E	Niagara 230kV East Voltage	Volney-Marcy	6.9	218.5	222.5	2646
2791 >E	Niagara 230kV West Voltage	Volney-Marcy	6.9	218.5	222.5	2646
2793 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	7.0	327.8	340.3	2597
2796 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	3.7	327.8	328.0	2828
2796 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	3.7	327.8	328.0	2828
2797 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	3.7	327.8	327.7	2785
2797 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	3.7	327.8	327.7	2785
2797 >E	Somerset 345kV Voltage	Ph2 DC 1500	5.0	327.8	336.0	3041
2797 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	10.2	218.5	223.4	3041
2798 >E	Ladentown 345kV Voltage	Pre-Fault	13.8	NA	346	2798
2798 >E	Leeds 345kV Voltage	Pre-Fault	7.4	NA	345	2798
2799 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	3.8	327.8	327.2	2761
2799 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	3.8	327.8	327.2	2761
2807 >E	Roseton 345kV Voltage	Pre-Fault	11.4	NA	345	2807
2807 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	329.6	2761
2809 >E	Gilboa 345kV Voltage	Volney-Marcy	3.9	327.8	329.1	2646
2810 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	11.0	218.5	226.6	1945
2811 >E	Gilboa 345kV Voltage	Ravenswood 3	4.1	327.8	328.5	2895
2811 >E	Fraser 345kV Voltage	Ph2 DC 1500	5.2	327.8	327.8	3044
2811 >E	Fraser 345kV Voltage	Marcy South S.	5.2	327.8	327.8	3315
2814 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.8	2803
2814 >E	Niagara 230kV East Voltage	Ph2 DC 1500	9.1	218.5	222.0	3045
2814 >E	Niagara 230kV West Voltage	Ph2 DC 1500	9.1	218.5	222.0	3045
2815 >E	Gilboa 345kV Voltage	SBK Edic R70	4.2	327.8	327.7	2848

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2815 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	4.2	327.8	327.7	2777
2815 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	6.1	327.8	332.0	3045
2818 >E	Niagara 230kV East Voltage	Ravenswood 3	8.9	218.5	219.6	2901
2818 >E	Niagara 230kV West Voltage	Ravenswood 3	8.9	218.5	219.6	2901
2818 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	12.7	218.5	222.0	2603
2819 >E	Gilboa 345kV Voltage	SBK Princetown 345	4.2	327.8	326.6	2595
2819 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	4.1	327.8	321.7	2595
2819 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	4.1	327.8	321.7	2595
2819 >E	Ramapo 500kV Voltage	Ph2 DC 1500	27.8	500	505.4	3046
2823 >E	Niagara 230kV East Voltage	SBK Princetown 345	9.1	218.5	219.1	2598
2823 >E	Niagara 230kV West Voltage	SBK Princetown 345	9.1	218.5	219.1	2598
2824 >E	Niagara 230kV East Voltage	SBK Edic R70	9.2	218.5	219.1	2857
2824 >E	Niagara 230kV West Voltage	SBK Edic R70	9.2	218.5	219.1	2857
2826 >E	Somerset 345kV Voltage	SBK Marcy R3108	7.6	327.8	348.2	2605
2828 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	9.4	218.5	218.6	2790
2828 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	9.4	218.5	218.6	2790
2828 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	9.4	218.5	218.6	2780
2828 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	9.4	218.5	218.6	2780
2829 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	9.5	218.5	218.5	2817
2829 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	9.5	218.5	218.5	2817
2834 >E	Bowline 1 345kV Voltage	Pre-Fault	13.8	NA	345	2834
2834 >E	Somerset 345kV Voltage	Marcy South S.	6.2	327.8	330.5	3329
2834 >E	Somerset 345kV Voltage	Ravenswood 3	6.1	327.8	329.6	2915
2835 >E	Somerset 345kV Voltage	SBK Princetown 345	6.1	327.8	329.5	2608
2836 >E	St.Lawrence 230kV Voltage	SBK Edic R945	14.0	218.5	228.0	2033
2836 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	14.0	218.5	228.0	2033
2837 >E	Ramapo 500kV Voltage	Volney-Marcy	15.6	500	500.8	2647
2840 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	16.0	500	500.7	2791
2840 >E	Ramapo 500kV Voltage	SBK Edic R70	15.9	500	500.6	2873
2841 >E	Somerset 345kV Voltage	SBK Edic R70	6.4	327.8	328.6	2875
2842 >E	Niagara 230kV East Voltage	Marcy South S.	10.6	218.5	219.6	3333
2842 >E	Niagara 230kV West Voltage	Marcy South S.	10.6	218.5	219.6	3333
2844 >E	Bowline 2 345kV Voltage	Pre-Fault	14.2	NA	345	2844
2845 >E	New Scotland 345kV Voltage Alps	Marcy South S.	7.8	327.8	339.5	3335
2845 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	7.8	327.8	339.5	3335
2845 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	328.0	2806
2845 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	328.0	2796

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2845 >E	Ramapo 500kV Voltage	SBK Princetown 345	16.8	500	500.3	2616
2846 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	6.5	327.8	327.9	2834
2846 >E	Dunwoodie 345kV Voltage	Ravenswood 3	12.9	327.8	335.9	2924
2847 >E	Sprain Brook 345kV Voltage	Ravenswood 3	12.8	327.8	335.9	2925
2849 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	16.9	500	500.1	2811
2850 >E	St.Lawrence 230kV Voltage	Marcy South S.	13.2	218.5	219.8	3338
2850 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	17.0	500	500.0	2839
2851 >E	Rock Tavern 345kV Voltage	Ravenswood 3	7.0	327.8	332.7	2928
2851 >E	Ramapo 500kV Voltage	Pre-Fault	17.0	NA	500	2851
2856 >E	Watercure 230kV Voltage	SBK Marcy R3108	8.4	207	225.8	2612
2856 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	7.4	327.8	338.3	3054
2856 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	7.4	327.8	338.3	3054
2866 >E	Buchanan North 345kV Voltage	Ravenswood 3	11.5	327.8	335.4	2941
2867 >E	Millwood 345kV Voltage	Ravenswood 3	11.3	327.8	335.7	2942
2879 >E	Rock Tavern 345kV Voltage	SBK Edic R70	7.4	327.8	329.0	2913
2880 >E	Fraser 345kV Voltage	SBK Marcy R3108	8.3	327.8	332.9	2618
2881 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	7.4	327.8	328.7	2829
2881 >E	Rock Tavern 345kV Voltage	Volney-Marcy	7.3	327.8	328.7	2648
2884 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	7.5	327.8	328.3	2647
2885 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	9.0	327.8	345.3	1963
2887 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	7.6	327.8	327.9	2848
2888 >E	Buchanan South 345kV Voltage	Ravenswood 3	11.2	327.8	335.9	2959
2888 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	7.6	327.8	327.9	2876
2898 >E	Niagara 345kV Voltage	Ph2 DC 1500	7.3	327.8	336.5	3063
2906 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	9.7	327.8	332.1	2974
2906 >E	Somerset 345kV Voltage	SBK Edic R945	10.3	327.8	345.5	2064
2906 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	10.3	327.8	345.5	2064
2908 >E	Gilboa 345kV Voltage	Marcy South S.	9.2	327.8	336.3	3372
2920 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	31.5	500	506.4	1971
2924 >E	Ramapo 345kV Voltage	Ravenswood 3	11.2	327.8	335.3	2989
2926 >E	Leeds 345kV Voltage	SBK Edic R70	7.4	327.8	327.8	2961
2926 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	7.4	327.8	327.8	2870
2926 >E	Leeds 345kV Voltage	Volney-Marcy	7.4	327.8	327.8	2648
2926 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	7.4	327.8	327.8	2913
2926 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	7.4	327.8	327.8	2885
2926 >E	Leeds 345kV Voltage	Ravenswood 3	7.4	327.8	327.8	2991
2926 >E	Leeds 345kV Voltage	SBK Princetown 345	7.4	327.8	327.8	2681
2932 >E	Ladentown 345kV Voltage	Ravenswood 3	11.1	327.8	336.3	2996

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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2933 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	9.8	327.8	329.4	2877
2938 >E	Niagara 345kV Voltage	Volney-Marcy	8.3	327.8	345.3	2649
2941 >E	Watercure 230kV Voltage	SBK Edic R945	11.8	207	228.7	2079
2941 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	11.8	207	228.7	2079
2945 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	10.2	327.8	328.3	2980
2946 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	10.1	327.8	328.2	2649
2948 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	11.7	207	231.4	1977
2949 >E	Bowline 1 345kV Voltage	Ravenswood 3	11.1	327.8	336.6	3011
2950 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	327.8	2938
2951 >E	Gilboa 345kV Voltage	Ph2 DC 1500	9.7	327.8	332.3	3075
2952 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	327.6	2911
2953 >E	Roseton 345kV Voltage	Ravenswood 3	10.5	327.8	332.2	3013
2954 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	10.0	327.8	344.2	1979
2954 >E	Bowline 2 345kV Voltage	Ravenswood 3	11.1	327.8	337.3	3015
2954 >E	New Scotland 345kV Voltage Alps	Marcy South N.	16.7	327.8	351.1	3677
2954 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	16.7	327.8	351.1	3677
2955 >E	Niagara 345kV Voltage	Marcy South S.	8.9	327.8	330.6	3400
2955 >E	Buchanan North 345kV Voltage	SBK Edic R70	13.2	327.8	329.1	2991
2956 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	13.2	327.8	329.1	2897
2956 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	12.7	327.8	329.1	2898
2957 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	14.9	327.8	328.9	2898
2957 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	14.8	327.8	328.9	2899
2960 >E	Millwood 345kV Voltage	SBK Edic R70	12.9	327.8	328.8	2996
2961 >E	Dunwoodie 345kV Voltage	SBK Edic R70	15.1	327.8	328.6	2996
2961 >E	Sprain Brook 345kV Voltage	SBK Edic R70	15.0	327.8	328.7	2996
2961 >E	Ramapo 500kV Voltage	SBK Edic R945	37.0	500	506.4	2088
2961 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	37.0	500	506.4	2088
2961 >E	Gardenville 230kV Voltage	Volney-Marcy	10.1	207	218.4	2649
2963 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	10.7	327.8	326.5	2711
2973 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	12.5	327.8	328.5	2641
2973 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	14.0	327.8	327.9	2931
2973 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	14.0	327.8	327.8	2960
2974 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	15.8	327.8	327.8	2961
2974 >E	Buchanan North 345kV Voltage	Volney-Marcy	14.0	327.8	327.8	2649
2974 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	15.7	327.8	327.8	2961
2974 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	13.5	327.8	327.8	2961
2974 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	15.8	327.8	327.8	2933
2975 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr	15.7	327.8	327.8	2933

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2975 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	13.6	327.8	327.8	2933
2976 >E	Buchanan North 345kV Voltage	SBK Princetown 345	14.1	327.8	327.7	2721
2976 >E	Watercure 230kV Voltage	Volney-Marcy	11.5	207	232.8	2649
2977 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	12.7	327.8	329.3	2917
2978 >E	Millwood 345kV Voltage	Volney-Marcy	13.6	327.8	327.5	2649
2979 >E	Buchanan South 345kV Voltage	SBK Edic R70	12.8	327.8	329.2	3015
2979 >E	Dunwoodie 345kV Voltage	Volney-Marcy	15.9	327.8	327.5	2649
2979 >E	Sprain Brook 345kV Voltage	Volney-Marcy	15.8	327.8	327.5	2649
2983 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	16.0	327.8	327.2	2727
2983 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	16.0	327.8	327.2	2727
2983 >E	Millwood 345kV Voltage	SBK Princetown 345	13.8	327.8	327.1	2727
2985 >E	Gilboa 345kV Voltage	SBK Edic R945	11.3	327.8	344.4	2099
2985 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	11.3	327.8	344.4	2099
2986 >E	Gardenville 230kV Voltage	Pre-Fault	17.5	NA	217	2986
2990 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	11.0	327.8	328.9	2929
2994 >E	Roseton 345kV Voltage	SBK Edic R70	11.1	327.8	328.6	3030
2997 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	13.6	327.8	327.8	2984
2997 >E	Roseton 345kV Voltage	Volney-Marcy	11.1	327.8	328.3	2650
2998 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	13.6	327.8	327.8	2956
2999 >E	Ramapo 345kV Voltage	SBK Edic R70	12.5	327.8	329.7	3035
3001 >E	Buchanan South 345kV Voltage	Volney-Marcy	13.7	327.8	327.5	2650
3002 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	12.6	327.8	329.4	2940
3003 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	11.4	327.8	327.8	2990
3003 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	11.4	327.8	327.8	2961
3005 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	12.3	327.8	338.0	2649
3005 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	12.3	327.8	338.0	2649
3005 >E	Buchanan South 345kV Voltage	SBK Princetown 345	13.8	327.8	327.3	2744
3006 >E	St.Lawrence 230kV Voltage	Marcy South N.	32.7	218.5	229.9	3714
3007 >E	Roseton 345kV Voltage	SBK Princetown 345	11.5	327.8	327.5	2746
3018 >E	Ladentown 345kV Voltage	SBK Edic R70	12.6	327.8	330.0	3055
3021 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	12.3	327.8	338.3	1994
3021 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	12.3	327.8	338.3	1994
3022 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	12.7	327.8	329.7	2958
3023 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	13.4	327.8	327.9	2980
3023 >E	Ramapo 345kV Voltage	Volney-Marcy	13.4	327.8	327.9	2650
3023 >E	Ramapo 345kV Voltage	SBK Princetown 345	13.5	327.8	327.9	2759

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3023 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	13.5	327.8	327.9	3010
3027 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	13.5	327.8	329.9	3091
3038 >E	Bowline 1 345kV Voltage	SBK Edic R70	12.6	327.8	330.2	3075
3042 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	12.7	327.8	329.9	2977
3047 >E	Bowline 2 345kV Voltage	SBK Edic R70	12.7	327.8	330.7	3084
3047 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	13.7	327.8	327.9	3004
3047 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	13.7	327.8	327.9	3034
3049 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	13.5	327.8	339.4	2127
3049 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	13.5	327.8	339.4	2127
3049 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	13.5	327.8	339.4	2127
3049 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	13.5	327.8	339.4	2127
3050 >E	Gordon Rd 345kV Voltage	SBK Edic R945	13.9	327.8	326.8	2128
3050 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	13.9	327.8	326.8	2128
3051 >E	Ladentown 345kV Voltage	SBK Princetown 345	13.8	327.8	327.6	2781
3053 >E	Ladentown 345kV Voltage	Volney-Marcy	13.9	327.8	327.5	2651
3053 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	12.9	327.8	330.3	2987
3068 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	20.7	327.8	328.9	3100
3069 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	13.7	327.8	327.9	3025
3070 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	13.7	327.8	327.9	3056
3071 >E	Watercure 230kV Voltage	Marcy South N.	24.1	207	229.3	3759
3074 >E	Bowline 1 345kV Voltage	SBK Princetown 345	13.8	327.8	327.6	2799
3074 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	21.1	327.8	328.8	3102
3076 >E	Bowline 1 345kV Voltage	Volney-Marcy	13.9	327.8	327.4	2651
3087 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	14.1	327.8	327.9	3042
3087 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	14.1	327.8	327.9	3073
3087 >E	Niagara 345kV Voltage	Pre-Fault	20.4	NA	338	3087
3091 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	21.0	327.8	330.8	3105
3093 >E	Somerset 345kV Voltage	Marcy South N.	23.0	327.8	347.5	3775
3095 >E	Bowline 2 345kV Voltage	SBK Princetown 345	14.4	327.8	327.4	2816
3095 >E	Niagara 230kV East Voltage	SBK Marcy R3108	30.8	218.5	231.0	2671
3095 >E	Niagara 230kV West Voltage	SBK Marcy R3108	30.8	218.5	231.0	2671
3100 >E	Niagara 345kV Voltage	SBK Marcy R3108	15.0	327.8	352.9	2673
3101 >E	Bowline 2 345kV Voltage	Volney-Marcy	14.6	327.8	326.9	2651
3103 >E	Watercure 230kV Voltage	Ph2 DC 1500	17.9	207	225.2	3108
3109 >E	Gardenville 230kV Voltage	Ravenswood 3	15.6	207	209.9	3144
3116 >E	Gardenville 230kV Voltage	Ph2 DC 1500	16.2	207	216.7	3111
3119 >E	Gardenville 230kV Voltage	SBK Princetown 345	16.0	207	209.4	2835
3119 >E	Millwood 345kV Voltage	Ph2 DC 1500	20.6	327.8	329.8	3112

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3120 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	18.5	327.8	343.7	2017
3131 >E	Leeds 345kV Voltage	Marcy South S.	15.6	327.8	335.2	3504
3138 >E	Gardenville 230kV Voltage	SBK Edic R70	16.7	207	208.3	3176
3147 >E	Gilboa 345kV Voltage	SBK Marcy R3108	16.3	327.8	334.5	2684
3149 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	20.8	327.8	330.8	3118
3154 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	17.2	207	207.4	3079
3154 >E	Gardenville 230kV Voltage	361-362 D1b Ckt Twr 345	17.3	207	207.3	3108
3159 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	17.4	207	207.1	3144
3177 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	19.8	327.8	330.3	3124
3178 >E	Rock Tavern 345kV Voltage	SBK Edic R945	21.3	327.8	344.0	2184
3178 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	21.3	327.8	344.0	2184
3190 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	35.9	218.5	229.7	2034
3190 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	35.9	218.5	229.7	2034
3194 >E	Niagara 345kV Voltage	Ravenswood 3	17.2	327.8	332.8	3215
3194 >E	Pleasant Valley 345kV Voltage	Marcy South S.	23.2	327.8	329.5	3541
3199 >E	Ramapo 345kV Voltage	Ph2 DC 1500	21.6	327.8	331.5	3129
3203 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	17.7	327.8	350.0	2037
3217 >E	Niagara 345kV Voltage	SBK Princetown 345	17.8	327.8	331.6	2914
3224 >E	Ladentown 345kV Voltage	Ph2 DC 1500	21.4	327.8	332.8	3135
3233 >E	Sprain Brook 345kV Voltage	Marcy South S.	30.0	327.8	321.6	3564
3239 >E	Dunwoodie 345kV Voltage	Marcy South S.	30.6	327.8	321.7	3567
3247 >E	Niagara 345kV Voltage	SBK Edic R70	18.9	327.8	330.2	3287
3252 >E	Roseton 345kV Voltage	Ph2 DC 1500	20.9	327.8	329.8	3141
3253 >E	Gardenville 230kV Voltage	Marcy South S.	21.5	207	211.2	3576
3263 >E	Niagara 230kV East Voltage	SBK Edic R945	41.5	218.5	229.8	2222
3263 >E	Niagara 230kV West Voltage	SBK Edic R945	41.5	218.5	229.8	2222
3263 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	41.5	218.5	229.8	2222
3263 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	41.5	218.5	229.8	2222
3263 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	21.6	327.8	333.3	3143
3269 >E	Leeds 345kV Voltage	Ph2 DC 1500	18.7	327.8	327.8	3144
3271 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	21.5	327.8	335.1	3145
3273 >E	Niagara 345kV Voltage	SBK Edic R945	20.2	327.8	350.2	2226
3273 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	20.2	327.8	350.2	2226
3284 >E	Niagara 345kV Voltage	361-362 D1b Ckt Twr 345	20.0	327.8	328.3	3235
3285 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	20.0	327.8	328.3	3199
3292 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	20.3	327.8	328.0	3276
3294 >E	Ramapo 500kV Voltage	SBK Marcy R3108	67.9	500	502.6	2721
3356 >E	Gardenville 230kV Voltage	SBK Marcy R3108	26.6	207	229.2	2736
3362 >E	Rainey 345kV Voltage	Ravenswood 3	31.6	327.8	341.4	3355

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3363 >E	Millwood 345kV Voltage	Marcy South S.	32.5	327.8	319.2	3640
3398 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	36.9	327.8	339.5	2082
3399 >E	Farragut 345kV Voltage	Ravenswood 3	33.3	327.8	340.6	3386
3406 >E	Fraser 345kV Voltage	Marcy South N.	26.0	327.8	327.8	3996
3430 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	31.7	327.8	343.1	2090
3438 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	29.2	207	226.9	2092
3464 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	30.3	327.8	328.7	2763
3475 >E	Ramapo 500kV Voltage	Marcy South S.	90.4	500	486.0	3707
3507 >E	Buchanan North 345kV Voltage	SBK Edic R945	42.9	327.8	339.9	2330
3507 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	42.9	327.8	339.9	2330
3536 >E	Rainey 345kV Voltage	Pre-Fault	50.4	NA	338	3536
3537 >E	Farragut 345kV Voltage	Pre-Fault	52.1	NA	338	3537
3537 >E	Gilboa 345kV Voltage	Marcy South N.	31.4	327.8	341.8	4088
3538 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	34.0	327.8	344.3	2115
3543 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	36.7	327.8	343.6	2346
3543 >E	Ramapo 345kV Voltage	SBK Edic R945	36.7	327.8	343.6	2346
3556 >E	Gardenville 230kV Voltage	SBK Edic R945	34.0	207	227.2	2352
3556 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	34.0	207	227.2	2352
3571 >E	Roseton 345kV Voltage	Marcy South S.	32.4	327.8	315.6	3763
3579 >E	Buchanan South 345kV Voltage	Marcy South S.	38.6	327.8	312.8	3768
3586 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	33.8	327.8	346.2	2126
3594 >E	Ramapo 500kV Voltage	Marcy South N.	105.9	500	504.5	4127
3601 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	41.1	327.8	340.2	2130
3620 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	34.4	327.8	346.3	2134
3656 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	46.3	327.8	338.0	2143
3669 >E	Ladentown 345kV Voltage	SBK Edic R945	39.5	327.8	344.7	2402
3669 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	39.5	327.8	344.7	2402
3690 >E	Buchanan North 345kV Voltage	Marcy South S.	45.9	327.8	305.5	3834
3691 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	37.4	327.8	340.3	2151
3704 >E	Goethals 345kV Voltage	Ravenswood 3	45.4	327.8	339.4	3639
3710 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	56.1	327.8	336.3	2155
3721 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	57.0	327.8	336.1	2158
3726 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	39.2	327.8	346.7	2427
3726 >E	Bowline 1 345kV Voltage	SBK Edic R945	39.2	327.8	346.7	2427
3737 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	47.6	327.8	340.7	2432
3737 >E	Buchanan South 345kV Voltage	SBK Edic R945	47.6	327.8	340.7	2432
3763 >E	Watercure 230kV Voltage	Marcy South S.	42.2	207	213.6	3877
3770 >E	Bowline 2 345kV Voltage	SBK Edic R945	40.2	327.8	346.7	2447
3770 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	40.2	327.8	346.7	2447
3797 >E	Millwood 345kV Voltage	SBK Edic R945	53.5	327.8	338.6	2459
3797 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	53.5	327.8	338.6	2459

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3803 >E	Goethals 345kV Voltage	Pre-Fault	70.4	NA	338	3803
3804 >E	Leeds 345kV Voltage	SBK Marcy R3108	35.9	327.8	327.8	2847
3814 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	44.3	327.8	335.0	2179
3830 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	46.2	327.8	328.8	2854
3832 >E	Roseton 345kV Voltage	SBK Edic R945	42.9	327.8	340.8	2474
3833 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	43.0	327.8	340.8	2475
3837 >E	Leeds 345kV Voltage	Marcy South N.	39.8	327.8	347.2	4299
3851 >E	Sprain Brook 345kV Voltage	SBK Edic R945	64.5	327.8	336.9	2483
3851 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	64.5	327.8	336.9	2483
3863 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	65.5	327.8	336.7	2488
3863 >E	Dunwoodie 345kV Voltage	SBK Edic R945	65.5	327.8	336.7	2488
3945 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	40.4	327.8	327.8	2210
3948 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	49.9	327.8	335.8	2525
3948 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	49.9	327.8	335.8	2526
3949 >E	Rock Tavern 345kV Voltage	Marcy South S.	40.1	327.8	266.1	3987
3969 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	47.4	327.8	329.4	3826
3987 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	49.0	327.8	329.4	3842
3988 >E	Rainey 345kV Voltage	SBK Edic R70	48.2	327.8	329.0	4042
4002 >E	Niagara 345kV Voltage	Marcy South N.	49.5	327.8	350.2	4415
4007 >E	Farragut 345kV Voltage	SBK Edic R70	49.8	327.8	329.0	4060
4012 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	66.0	327.8	328.4	2899
4015 >E	Roseton 345kV Voltage	SBK Marcy R3108	48.8	327.8	328.3	2900
4040 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	74.4	327.8	327.0	2906
4041 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	75.0	327.8	326.9	2906
4048 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	50.3	327.8	327.8	4026
4050 >E	Millwood 345kV Voltage	SBK Marcy R3108	65.1	327.8	327.4	2908
4051 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	50.4	327.8	327.8	3983
4067 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	52.1	327.8	327.8	4045
4070 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	52.2	327.8	327.8	4001
4071 >E	Rainey 345kV Voltage	Volney-Marcy	51.1	327.8	327.4	2668
4079 >E	Rainey 345kV Voltage	SBK Princetown 345	51.3	327.8	327.2	3604
4090 >E	Farragut 345kV Voltage	Volney-Marcy	52.8	327.8	327.4	2668
4098 >E	Farragut 345kV Voltage	SBK Princetown 345	53.1	327.8	327.2	3619
4140 >E	Leeds 345kV Voltage	SBK Edic R945	46.6	327.8	327.8	2611
4141 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	46.6	327.8	327.8	2611
4201 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	67.0	327.8	327.8	2946
4283 >E	Coopers Corners 345kV Voltage	Marcy South S.	38.7	327.8	121.9	4184
4292 >E	Niagara 230kV East Voltage	Marcy South N.	116.4	218.5	230.1	4619
4292 >E	Niagara 230kV West Voltage	Marcy South N.	116.4	218.5	230.1	4619

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4301 >E	Ramapo 345kV Voltage	SBK Marcy R3108	65.5	327.8	328.9	2971
4398 >E	Pleasant Valley 345kV Voltage	Marcy South N.	73.4	327.8	341.4	4694
4411 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	66.2	327.8	329.4	4231
4438 >E	Goethals 345kV Voltage	SBK Edic R70	67.3	327.8	329.0	4499
4441 >E	Ladentown 345kV Voltage	Marcy South S.	63.4	327.8	285.7	4277
4470 >E	Gardenville 230kV Voltage	Marcy South N.	74.3	207	227.3	4745
4519 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	70.3	327.8	327.8	4492
4522 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	70.4	327.8	327.8	4443
4555 >E	Goethals 345kV Voltage	Volney-Marcy	71.6	327.8	327.3	2676
4557 >E	Ramapo 345kV Voltage	Marcy South S.	69.0	327.8	276.1	4346
4559 >E	Goethals 345kV Voltage	SBK Princetown 345	71.7	327.8	327.3	3988
4572 >E	Rainey 345kV Voltage	Ph2 DC 1500	69.8	327.8	330.2	3431
4580 >E	Ladentown 345kV Voltage	SBK Marcy R3108	73.0	327.8	328.7	3040
4583 >E	Coopers Corners 345kV Voltage	Marcy South N.	56.4	327.8	303.2	4824
4608 >E	Farragut 345kV Voltage	Ph2 DC 1500	72.6	327.8	330.2	3439
4809 >E	Bowline 2 345kV Voltage	Marcy South S.	71.9	327.8	281.0	4494
4811 >E	Bowline 1 345kV Voltage	Marcy South S.	73.0	327.8	274.4	4496
4920 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	81.1	327.8	328.7	3124
4939 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	80.6	327.8	328.8	3129
5216 >E	Goethals 345kV Voltage	Ph2 DC 1500	97.1	327.8	330.4	3572
5531 >E	Rainey 345kV Voltage	Marcy South S.	105.3	327.8	317.6	4920
5552 >E	Roseton 345kV Voltage	Marcy South N.	103.3	327.8	337.2	5506
5561 >E	Millwood 345kV Voltage	Marcy South N.	134.8	327.8	335.7	5512
5601 >E	Farragut 345kV Voltage	Marcy South S.	110.1	327.8	317.7	4962
5722 >E	Dunwoodie 345kV Voltage	Marcy South N.	163.0	327.8	334.1	5626
5722 >E	Sprain Brook 345kV Voltage	Marcy South N.	162.0	327.8	334.1	5626
5772 >E	Buchanan North 345kV Voltage	Marcy South N.	144.5	327.8	332.9	5661
5903 >E	Northport 138kV Voltage	Pre-Fault	361.6	NA	135	5903
5953 >E	Buchanan South 345kV Voltage	Marcy South N.	140.5	327.8	335.5	5789
5981 >E	Rock Tavern 345kV Voltage	Marcy South N.	111.4	327.8	323.6	5809
6076 >E	Watercure 230kV Voltage	SBK Princetown 345	135.4	207	237.8	5201
6457 >E	Northport 138kV Voltage	Ravenswood 3	300.8	131.1	133.5	5936
6576 >E	Goethals 345kV Voltage	Marcy South S.	149.3	327.8	317.8	5537
6644 >E	Ramapo 345kV Voltage	Marcy South N.	150.8	327.8	332.7	6275
7040 >E	Ladentown 345kV Voltage	Marcy South N.	160.5	327.8	334.4	6554
7089 >E	Northport 138kV Voltage	N.Scot-Leeds 345	344.1	131.1	131.7	6685
7144 >E	Northport 138kV Voltage	SBK Edic R70	348.5	131.1	131.6	7251
7307 >E	Northport 138kV Voltage	Princetown-N.Scot 345	361.1	131.1	131.1	7255
7317 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	361.9	131.1	131.1	7168

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7393 >E	Northport 138kV Voltage	Volney-Marcy	367.7	131.1	130.9	2725
7401 >E	Northport 138kV Voltage	SBK Princetown 345	368.2	131.1	130.9	6262
7454 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	176.4	327.8	340.7	3029
7519 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	182.4	327.8	340.5	3044
7741 >E	Bowline 1 345kV Voltage	Marcy South N.	176.7	327.8	335.0	7047
7759 >E	Watercure 230kV Voltage	Ravenswood 3	204.0	207	240.5	7021
7793 >E	Bowline 2 345kV Voltage	Marcy South N.	175.9	327.8	335.0	7084
8168 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	203.2	327.8	341.4	4397
8177 >E	Rainey 345kV Voltage	SBK Edic R945	203.6	327.8	341.4	4400
8241 >E	Farragut 345kV Voltage	SBK Edic R945	210.1	327.8	341.1	4429
8245 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	210.3	327.8	341.1	4431
9036 >E	Rainey 345kV Voltage	SBK Marcy R3108	235.1	327.8	326.5	4146
9112 >E	Farragut 345kV Voltage	SBK Marcy R3108	242.8	327.8	326.6	4164
9147 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	248.0	327.8	340.5	3424
10137 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	286.4	327.8	341.1	5270
10137 >E	Goethals 345kV Voltage	SBK Edic R945	286.4	327.8	341.1	5269
11420 >E	Goethals 345kV Voltage	SBK Marcy R3108	335.5	327.8	326.3	4737
16489 >E	Rainey 345kV Voltage	Marcy South N.	508.2	327.8	337.0	13207
16653 >E	Farragut 345kV Voltage	Marcy South N.	524.9	327.8	336.8	13322
21708 >E	Goethals 345kV Voltage	Marcy South N.	727.5	327.8	336.9	16882
22998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1593.1	131.1	137.2	6656
26318 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1854.4	131.1	137.6	12443
26318 >E	Northport 138kV Voltage	SBK Edic R945	1854.4	131.1	137.6	12442
26606 >E	Northport 138kV Voltage	SBK Marcy R3108	1877.3	131.1	130.3	8505
74857 >E	Northport 138kV Voltage	Marcy South N.	5673.2	131.1	135.3	54303
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

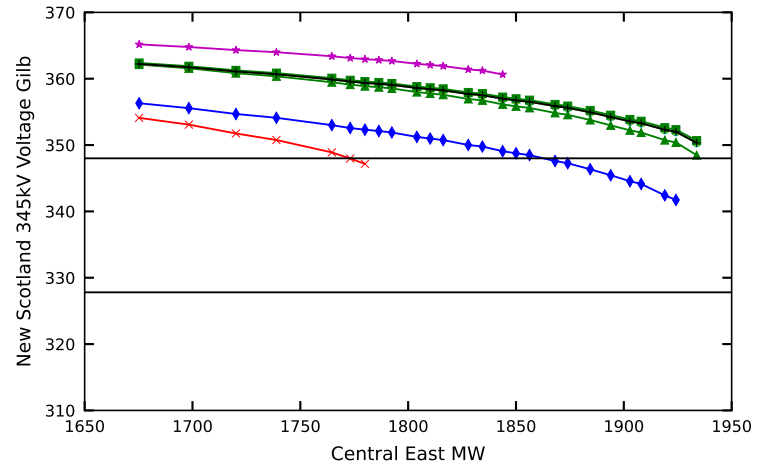
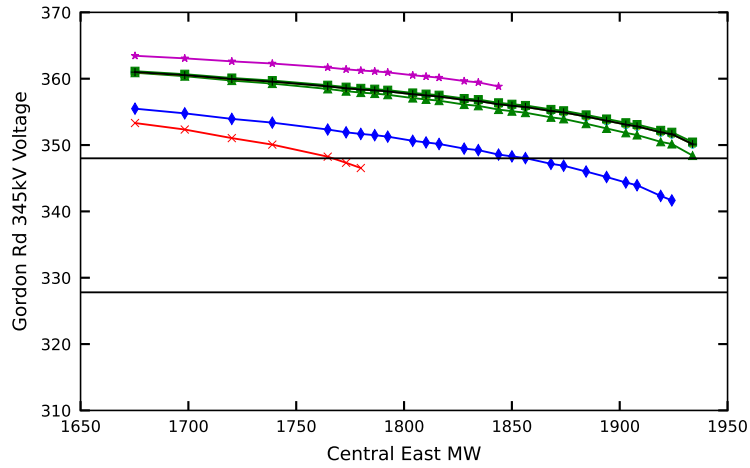
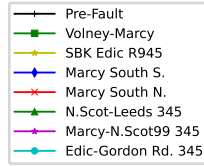
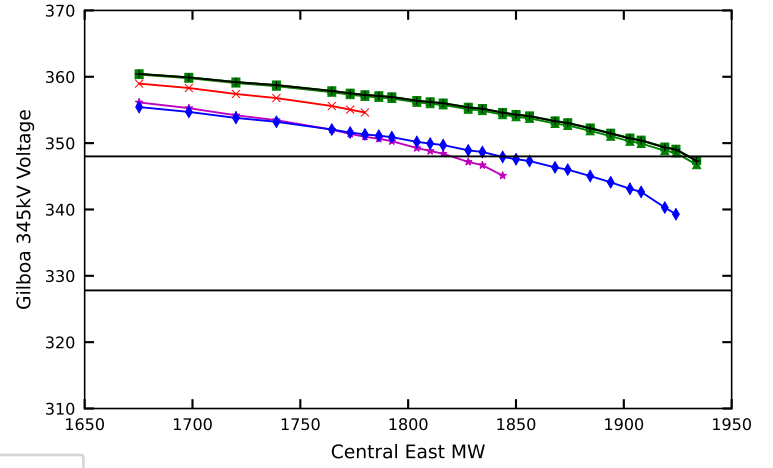
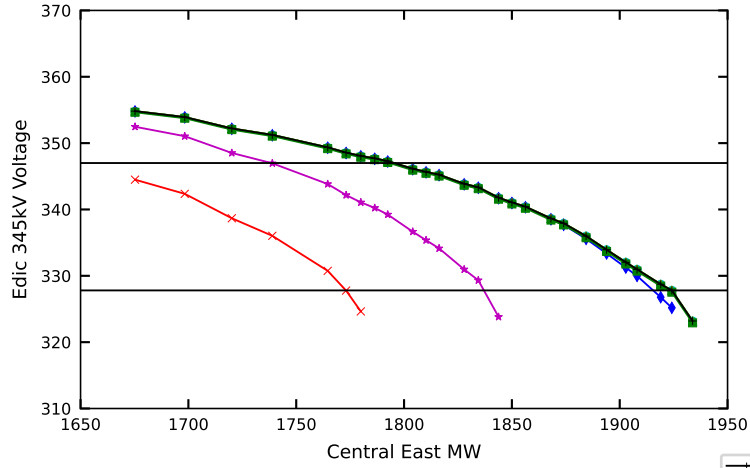
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\3S\Sum2023_CEVC_PH2_20_3S.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 3S

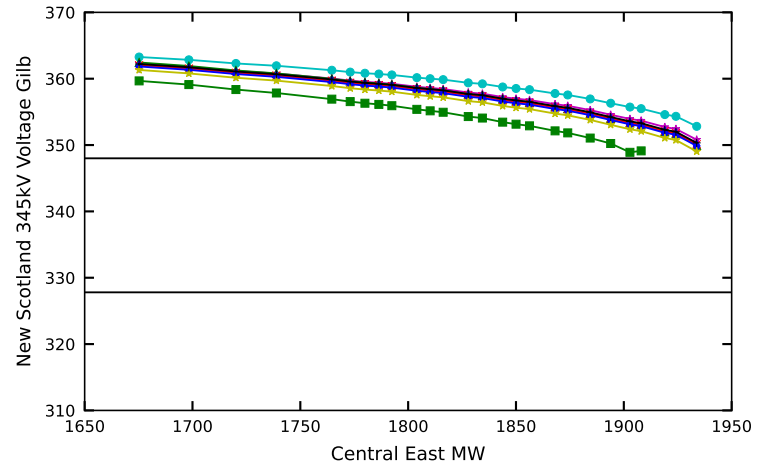
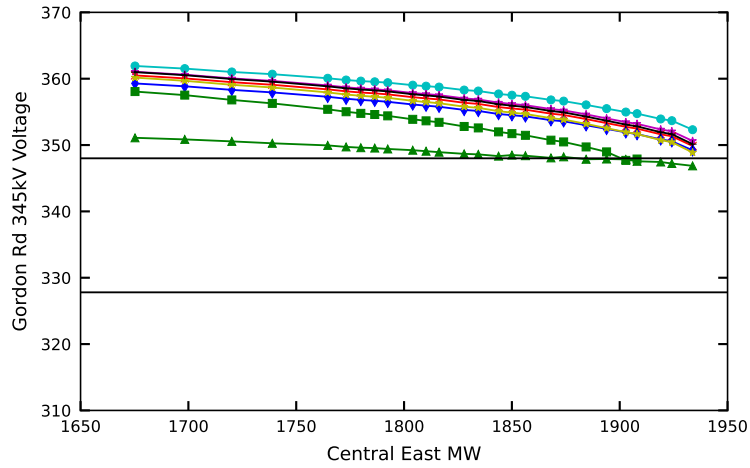
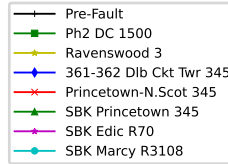
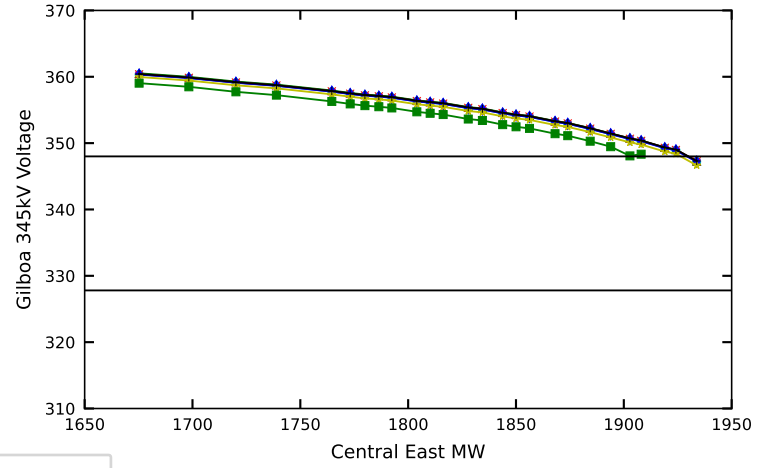
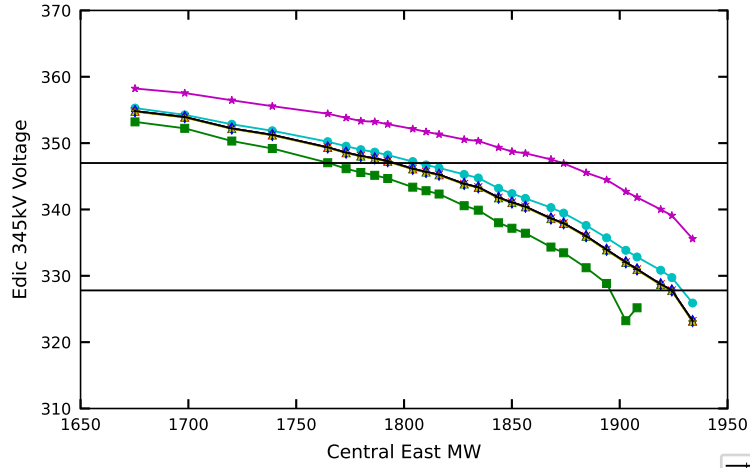
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 D1b Ckt Twr 345	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

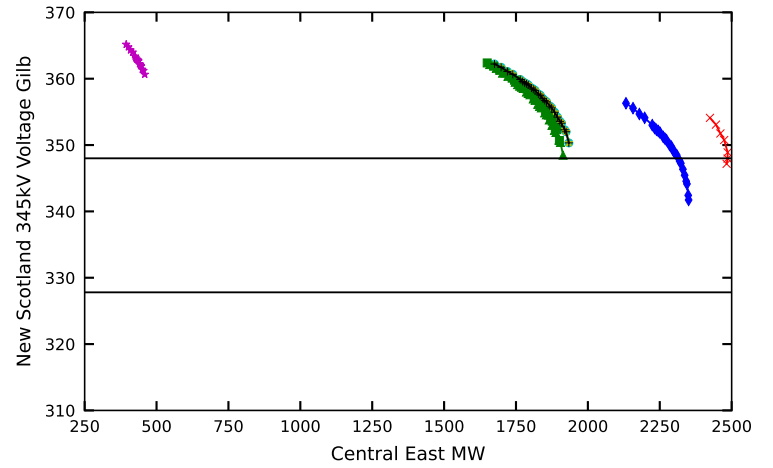
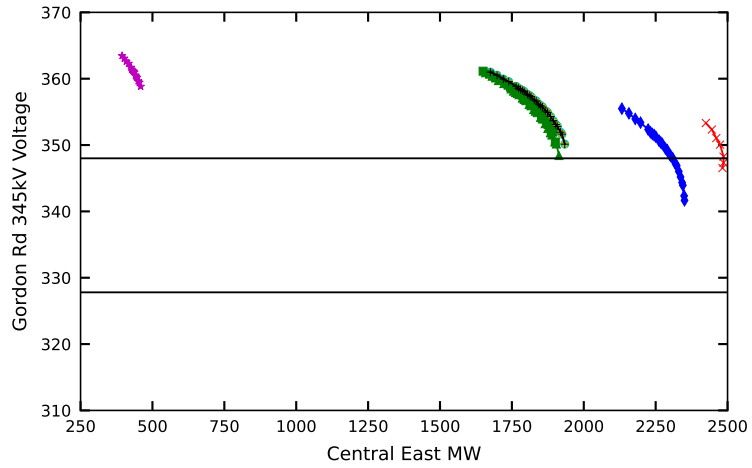
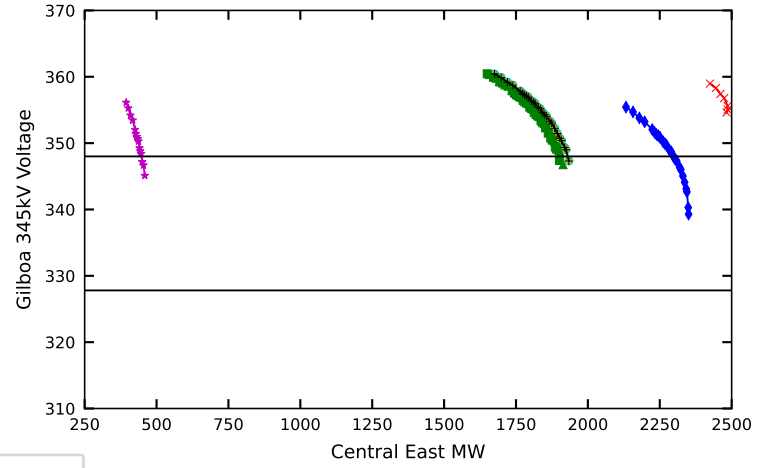
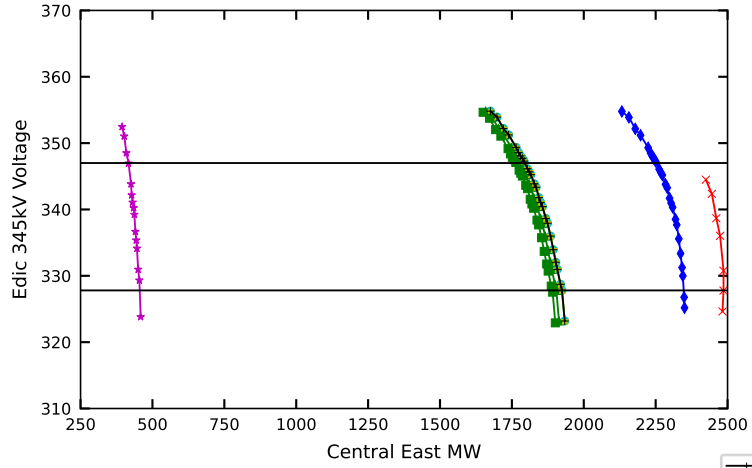
1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_05 Figure 1



1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS Figure 2

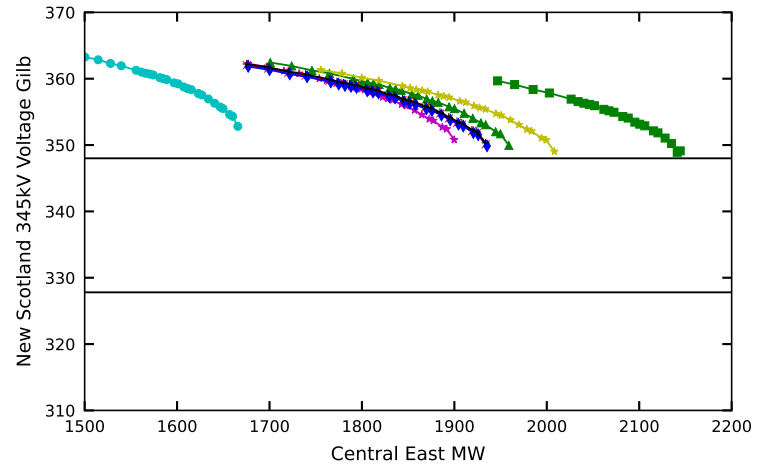
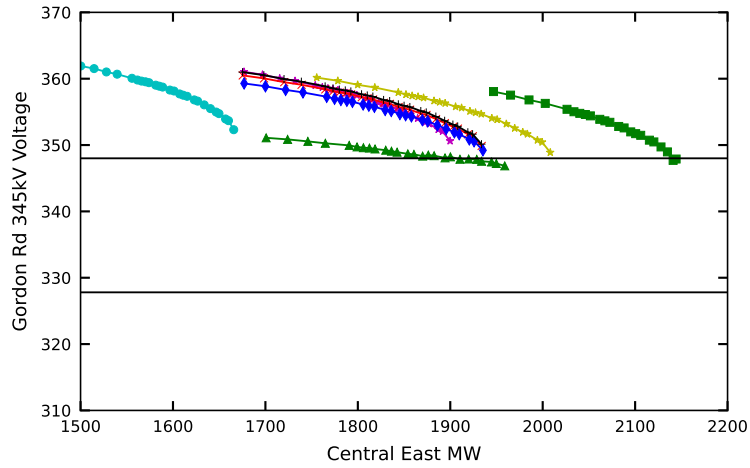
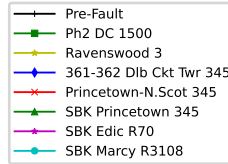
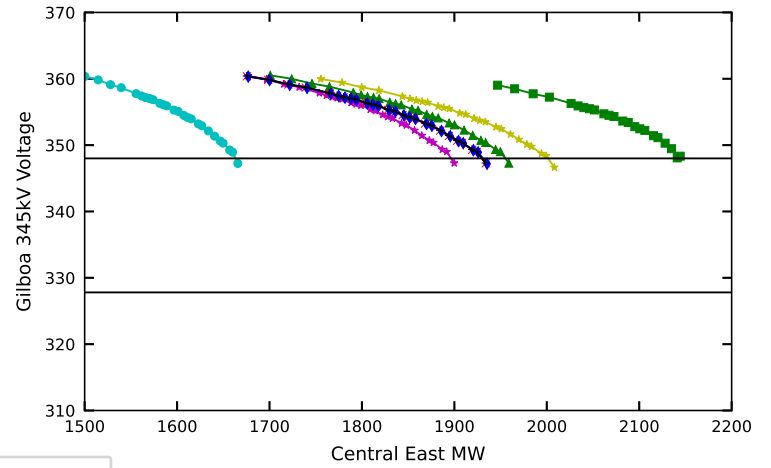
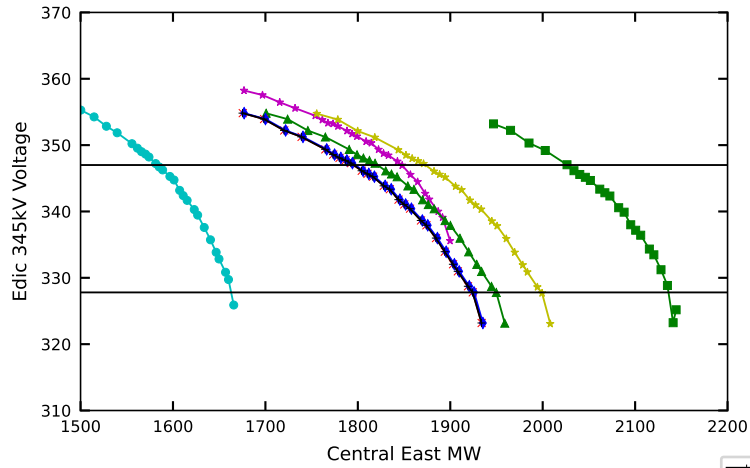


1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS Figure 1



- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 2O 14_OS

Interface: Central East

Transfer	bus	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r	e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW															
1675	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1698	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1720	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1738	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1764	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1773	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1779	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1786	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1792	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1804	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
	0														
1810	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
	1														
1816	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
	2														
1827	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
	3														
1834	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
	4														
1843	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
	5														
1850	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0
	6														
1856	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0
	7														
1868	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0
	8														
1873	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0
	9														
1884	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0
	0														
1893	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0
	1														
1902	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0
	2														
1908	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0
	3														
1919	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	2
	4														
1924	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	2
	5														
1933	t2	0	0	2	0	2	2	0	0	0	0	0	0	0	2
	6														

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-03-2023 13:39

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 2O 14_OS

Interface: Central East

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1666 <E	Dunwoodie 345kV Voltage	Pre-Fault	73.6	NA	348	1666
1672 <E	Sprain Brook 345kV Voltage	Pre-Fault	73.7	NA	348	1672
1676	limit with 5% margin	Marcy South N.	NA	NA	NA	2361
1751	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	436
1773 >E	Oakdale 345kV Voltage	Marcy South N.	5.1	320	351.7	2490
1775 >E	Marcy 345kV Voltage	Marcy South N.	4.8	327.8	348.2	2491
1776	Marcy 345kV Voltage	Pre-Fault	13.6	NA	348	1776
1778 >E	Edic 345kV Voltage	Marcy South N.	4.9	327.8	348.3	2492
1781 >E	Clay 345kV Voltage	Marcy South N.	5.8	327.8	350.7	2494
1795	Edic 345kV Voltage	Pre-Fault	10.1	NA	347	1795
1807	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.4	327.8	348.0	442
1812	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2037
1819	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.5	327.8	349.4	447
1827	limit with 5% margin	Marcy South S.	NA	NA	NA	2232
1834	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.0	320	345.5	454
1837	Edic 345kV Voltage	Marcy-N.Scot99 345	1.7	327.8	342.9	455
1837	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1837
1837	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	1818
1837	limit with 5% margin	SBK Edic R945	NA	NA	NA	1837
1837	limit with 5% margin	Volney-Marcy	NA	NA	NA	1805
1837	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1582
1837	limit with 5% margin	SBK Edic R70	NA	NA	NA	1804
1837	limit with 5% margin	SBK Princetown 345	NA	NA	NA	1861
1837	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	1837
1837	limit with 5% margin	361-362 D1b Ckt Twr 345	NA	NA	NA	1838
1837	limit with 5% margin	Ravenswood 3	NA	NA	NA	1907
1837	Marcy 345kV Voltage	Marcy-N.Scot99 345	1.7	327.8	342.3	456
1839 >E	Pannell Road 345kV Voltage	Marcy South N.	9.1	327.8	347.8	2521
1841	Station 80 345kV Voltage	Pre-Fault	6.9	NA	346	1841
1842	Pannell Road 345kV Voltage	Pre-Fault	7.1	NA	346	1842
1845 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	2.0	327.8	345.9	459
1854	Clay 345kV Voltage	Pre-Fault	12.7	NA	345	1854
1861 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	343.3	467
1868 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	342.1	470
1876 >E	Station 80 345kV Voltage	Marcy South N.	10.7	327.8	346.9	2538
1883 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	13.0	500	508.6	477
1891	Millwood 345kV Voltage	Pre-Fault	15.1	NA	348	1891
1894	Marcy 345kV Voltage	Ph2 DC 1500	1.6	327.8	333.2	2135
1895	Oakdale 345kV Voltage	Pre-Fault	4.6	NA	335	1895
1895	Edic 345kV Voltage	Ph2 DC 1500	1.6	327.8	333.6	2136

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1902	Fraser 345kV Voltage	Pre-Fault	6.8	NA	338	1902
1908 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	6.3	218.5	226.7	489
1911	Coopers Corners 345kV Voltage	Pre-Fault	6.7	NA	338	1911
1913	Marcy 345kV Voltage	Marcy South S.	3.4	327.8	329.2	2346
1915	Edic 345kV Voltage	Marcy South S.	3.4	327.8	329.4	2347
1920 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	341.9	494
1921	Marcy 345kV Voltage	SBK Edic R945	5.6	327.8	327.8	1921
1921	Marcy 345kV Voltage	SBK Marcy R3108	5.6	327.8	327.8	1658
1921	Marcy 345kV Voltage	SBK Edic R70	5.6	327.8	327.8	1888
1921	Marcy 345kV Voltage	Princeton-N.Scot 345	5.6	327.8	327.8	1921
1921	Marcy 345kV Voltage	Volney-Marcy	5.6	327.8	327.8	1888
1921	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	5.6	327.8	327.8	1922
1921	Marcy 345kV Voltage	Ravenswood 3	5.6	327.8	327.8	1996
1921	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.6	327.8	327.8	1921
1921	Marcy 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	327.8	1901
1921	Marcy 345kV Voltage	SBK Princeton 345	5.6	327.8	327.8	1946
1922	Edic 345kV Voltage	Volney-Marcy	5.6	327.8	328.1	1890
1923	Edic 345kV Voltage	Ravenswood 3	5.6	327.8	327.9	1998
1924	Edic 345kV Voltage	SBK Princeton 345	5.6	327.8	327.8	1949
1924	Edic 345kV Voltage	N.Scot-Leeds 345	2.1	327.8	327.8	1904
1924	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.1	327.8	327.8	1925
1924	Edic 345kV Voltage	Princeton-N.Scot 345	2.1	327.8	327.8	1924
1924	Edic 345kV Voltage	SBK Edic R945	2.1	327.8	327.8	1924
1924	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.1	327.8	327.8	1924
1924	Buchanan North 345kV Voltage	Pre-Fault	8.6	NA	346	1924
1926	Rock Tavern 345kV Voltage	Pre-Fault	5.3	NA	348	1926
1929	Edic 345kV Voltage	SBK Marcy R3108	2.5	327.8	325.5	1662
1929	Gilboa 345kV Voltage	Pre-Fault	5.6	NA	348	1929
1931 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	6.1	207	232.2	500
1936 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.1	320	324.8	1667
1937 >E	Coopers Corners 345kV Voltage	Ravenswood 3	2.7	327.8	331.9	2011
1937 >E	Clay 345kV Voltage	Marcy South S.	3.5	327.8	332.4	2354
1938 >E	Fraser 345kV Voltage	Marcy South S.	3.3	327.8	332.3	2354
1939 >E	Clay 345kV Voltage	Volney-Marcy	2.6	327.8	329.0	1906
1940 >E	St.Lawrence 230kV Voltage	Pre-Fault	5.9	NA	225	1940
1940 >E	Clay 345kV Voltage	SBK Marcy R3108	2.9	327.8	328.5	1669
1941 >E	Fraser 345kV Voltage	SBK Edic R945	2.7	327.8	327.8	1941
1941 >E	Fraser 345kV Voltage	Volney-Marcy	2.7	327.8	327.8	1908
1941 >E	Fraser 345kV Voltage	SBK Marcy R3108	2.7	327.8	327.8	1670

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1941 >E	Fraser 345kV Voltage	SBK Edic R70	2.7	327.8	327.8	1906
1941 >E	Fraser 345kV Voltage	SBK Princetown 345	2.7	327.8	327.8	1966
1941 >E	Fraser 345kV Voltage	Ravenswood 3	2.7	327.8	327.8	2015
1941 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	327.8	1941
1941 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	327.8	1921
1941 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	2.7	327.8	327.8	1941
1941 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	2.7	327.8	327.8	1942
1941 >E	Clay 345kV Voltage	Ravenswood 3	2.6	327.8	328.2	2015
1942 >E	Clay 345kV Voltage	N.Scot-Leeds 345	2.6	327.8	327.9	1922
1942 >E	Clay 345kV Voltage	SBK Princetown 345	2.6	327.8	327.8	1967
1942 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	2.6	327.8	327.8	1944
1942 >E	Clay 345kV Voltage	Princetown-N.Scot 345	2.6	327.8	327.8	1942
1942 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.6	327.8	327.8	1942
1942 >E	Clay 345kV Voltage	SBK Edic R945	2.6	327.8	327.8	1942
1943 >E	Oakdale 345kV Voltage	Marcy South S.	3.5	320	325.7	2355
1944 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	6.7	327.8	348.4	506
1945 >E	Oakdale 345kV Voltage	Volney-Marcy	3.1	320	321.8	1912
1946 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	6.0	327.8	348.1	507
1947 >E	New Scotland 345kV Voltage Alps	Pre-Fault	5.8	NA	348	1947
1947 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	5.8	NA	348	1947
1947 >E	Oakdale 345kV Voltage	Ravenswood 3	3.0	320	321.4	2020
1947 >E	Gordon Rd 345kV Voltage	Pre-Fault	6.4	NA	348	1947
1948 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	328.3	1928
1949 >E	Buchanan South 345kV Voltage	Pre-Fault	9.6	NA	346	1949
1949 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	3.0	327.8	327.9	1974
1950 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	3.0	327.8	327.8	1951
1950 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	3.0	327.8	327.8	1950
1950 >E	Coopers Corners 345kV Voltage	SBK Edic R945	3.0	327.8	327.8	1950
1950 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	327.8	1950
1951 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.1	320	320.1	1930
1951 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.1	320	320.1	1975
1951 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	3.1	320	320.0	1953
1951 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.1	320	320.0	1951
1951 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.1	320	320.0	1951
1951 >E	Oakdale 345kV Voltage	SBK Edic R945	3.1	320	320.0	1951
1952 >E	Coopers Corners 345kV Voltage	SBK Edic R70	3.1	327.8	327.0	1915
1952 >E	Watercure 230kV Voltage	Marcy South N.	14.9	207	228.9	2574

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1953 >E	Ramapo 500kV Voltage	Ravenswood 3	11.1	500	505.3	2026
1953 >E	Coopers Corners 345kV Voltage	Volney-Marcy	3.1	327.8	326.8	1919
1955 >E	Ramapo 345kV Voltage	Pre-Fault	7.2	NA	346	1955
1955 >E	Edic 345kV Voltage	SBK Edic R70	2.7	327.8	312.9	1917
1957 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	4.8	218.5	222.1	1679
1960 >E	Pannell Road 345kV Voltage	Volney-Marcy	3.3	327.8	328.4	1926
1961 >E	Oakdale 345kV Voltage	SBK Edic R70	3.5	320	317.0	1922
1961 >E	Pannell Road 345kV Voltage	Ravenswood 3	3.3	327.8	328.3	2033
1961 >E	Pleasant Valley 345kV Voltage	Pre-Fault	11.5	NA	348	1961
1961 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.6	327.8	328.2	1682
1962 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	327.8	1941
1962 >E	Pannell Road 345kV Voltage	SBK Princetown 345	3.3	327.8	327.8	1986
1963 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	3.3	327.8	327.8	1964
1963 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	3.3	327.8	327.8	1963
1963 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	327.8	1963
1963 >E	Pannell Road 345kV Voltage	SBK Edic R945	3.3	327.8	327.8	1963
1964 >E	Clay 345kV Voltage	SBK Edic R70	3.2	327.8	319.5	1925
1967 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	3.5	327.8	322.1	1685
1969 >E	Ladentown 345kV Voltage	Pre-Fault	7.9	NA	346	1969
1972 >E	Station 80 345kV Voltage	Ravenswood 3	3.8	327.8	328.4	2043
1973 >E	Station 80 345kV Voltage	Volney-Marcy	3.9	327.8	328.2	1938
1974 >E	St.Lawrence 230kV Voltage	Ravenswood 3	5.7	218.5	219.2	2045
1974 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	327.8	1952
1974 >E	Station 80 345kV Voltage	SBK Princetown 345	3.9	327.8	327.8	1997
1974 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.8	1976
1974 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	1974
1974 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	3.9	327.8	327.8	1974
1974 >E	Station 80 345kV Voltage	SBK Edic R945	3.9	327.8	327.8	1974
1975 >E	St.Lawrence 230kV Voltage	Volney-Marcy	5.7	218.5	219.1	1940
1975 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.2	327.8	327.6	1690
1977 >E	Pannell Road 345kV Voltage	Marcy South S.	5.8	327.8	333.8	2365
1978 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	5.9	218.5	218.5	2001
1978 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	5.9	218.5	218.5	1979
1978 >E	St.Lawrence 230kV Voltage	SBK Edic R945	5.9	218.5	218.5	1978
1978 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	5.9	218.5	218.5	1978
1978 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	5.9	218.5	218.5	1978
1978 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	5.9	218.5	218.5	1956
1979 >E	St.Lawrence 230kV Voltage	SBK Edic R70	6.1	218.5	218.4	1938

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1980 >E	Pannell Road 345kV Voltage	SBK Edic R70	3.8	327.8	322.6	1939
1982 >E	Gilboa 345kV Voltage	Marcy South S.	5.1	327.8	345.3	2366
1984 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	5.3	327.8	340.1	525
1990 >E	Bowline 1 345kV Voltage	Pre-Fault	8.0	NA	345	1990
1992 >E	Station 80 345kV Voltage	SBK Edic R70	4.4	327.8	323.1	1949
1994 >E	Bowline 2 345kV Voltage	Pre-Fault	8.0	NA	345	1994
1999 >E	Somerset 345kV Voltage	Pre-Fault	5.7	NA	338	1999
2001 >E	Rock Tavern 345kV Voltage	Ravenswood 3	4.6	327.8	333.9	2070
2001 >E	Station 80 345kV Voltage	Marcy South S.	7.0	327.8	334.0	2371
2002 >E	Roseton 345kV Voltage	Pre-Fault	10.0	NA	345	2002
2014 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	12.1	500	500.4	1990
2016 >E	Ramapo 500kV Voltage	SBK Princetown 345	12.4	500	500.2	2037
2018 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	12.5	500	500.1	2019
2018 >E	Buchanan North 345kV Voltage	Ravenswood 3	7.5	327.8	335.1	2086
2018 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	12.5	500	500.0	2018
2019 >E	Ramapo 500kV Voltage	Pre-Fault	12.5	NA	500	2019
2019 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	12.5	500	500.0	2019
2019 >E	Ramapo 500kV Voltage	SBK Edic R945	12.5	500	500.0	2019
2022 >E	Ramapo 500kV Voltage	Volney-Marcy	13.0	500	499.7	1986
2023 >E	Ramapo 500kV Voltage	SBK Edic R70	13.0	500	499.7	1975
2026 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	13.5	218.5	227.5	544
2026 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	13.5	218.5	227.5	544
2027 >E	New Scotland 345kV Voltage Alps	Marcy South S.	7.4	327.8	346.0	2379
2027 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	7.4	327.8	346.0	2379
2028 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	5.1	327.8	328.6	2004
2029 >E	Gordon Rd 345kV Voltage	Marcy South S.	7.6	327.8	345.7	2379
2029 >E	Sprain Brook 345kV Voltage	Ravenswood 3	10.3	327.8	336.0	2096
2029 >E	Dunwoodie 345kV Voltage	Ravenswood 3	10.4	327.8	336.0	2096
2031 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	5.2	327.8	328.1	2051
2032 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	5.2	327.8	327.9	2033
2032 >E	St.Lawrence 230kV Voltage	Marcy South N.	21.9	218.5	228.3	2611
2032 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	5.3	327.8	327.8	2032
2033 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	327.8	2033
2033 >E	Rock Tavern 345kV Voltage	SBK Edic R945	5.3	327.8	327.8	2033
2034 >E	Ramapo 500kV Voltage	SBK Marcy R3108	14.6	500	498.8	1724
2036 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	329.1	2011
2037 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	5.0	327.8	332.4	2012
2037 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	5.0	327.8	332.4	2012
2038 >E	Gilboa 345kV Voltage	Ravenswood 3	5.5	327.8	328.7	2104

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2038 >E	Rock Tavern 345kV Voltage	SBK Edic R70	5.5	327.8	326.8	1988
2039 >E	Ramapo 345kV Voltage	Ravenswood 3	6.4	327.8	334.4	2105
2040 >E	Leeds 345kV Voltage	Pre-Fault	10.3	NA	345	2040
2040 >E	Rock Tavern 345kV Voltage	Volney-Marcy	5.6	327.8	326.3	2003
2042 >E	Gilboa 345kV Voltage	SBK Princetown 345	5.6	327.8	328.1	2061
2042 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	5.6	327.8	327.9	2043
2043 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	5.6	327.8	327.9	2043
2043 >E	Gilboa 345kV Voltage	SBK Edic R70	5.6	327.8	327.8	1992
2043 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	5.6	327.8	327.8	2043
2043 >E	Gilboa 345kV Voltage	SBK Edic R945	5.6	327.8	327.8	2043
2043 >E	Gilboa 345kV Voltage	SBK Marcy R3108	5.7	327.8	327.7	1730
2044 >E	Gilboa 345kV Voltage	Volney-Marcy	5.6	327.8	327.6	2007
2046 >E	Millwood 345kV Voltage	Ravenswood 3	9.1	327.8	335.7	2111
2047 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	332.3	2022
2049 >E	Buchanan South 345kV Voltage	Ravenswood 3	8.3	327.8	335.6	2114
2051 >E	Somerset 345kV Voltage	Ravenswood 3	5.6	327.8	328.9	2116
2052 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	5.6	327.8	329.7	2117
2052 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	5.6	327.8	329.7	2117
2053 >E	Gordon Rd 345kV Voltage	Marcy South N.	14.1	327.8	350.9	2621
2055 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	5.5	327.8	329.2	2074
2055 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	5.5	327.8	329.2	2074
2055 >E	New Scotland 345kV Voltage Alps	Marcy South N.	13.8	327.8	351.1	2621
2055 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	13.8	327.8	351.1	2621
2055 >E	Ladentown 345kV Voltage	Ravenswood 3	7.0	327.8	335.1	2120
2056 >E	Somerset 345kV Voltage	Volney-Marcy	5.7	327.8	327.9	2019
2056 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	327.8	2031
2057 >E	Somerset 345kV Voltage	SBK Princetown 345	5.7	327.8	327.8	2076
2057 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	327.8	2058
2057 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	5.7	327.8	327.8	2057
2057 >E	Somerset 345kV Voltage	SBK Edic R945	5.7	327.8	327.8	2057
2057 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	5.7	327.8	327.8	2057
2060 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	5.7	327.8	328.4	2061
2060 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	5.7	327.8	328.4	2061
2060 >E	Niagara 230kV East Voltage	Pre-Fault	19.7	NA	225	2060
2060 >E	Niagara 230kV West Voltage	Pre-Fault	19.7	NA	225	2060
2062 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	5.8	327.8	328.0	2062
2062 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	5.8	327.8	328.0	2062

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2062 >E	Niagara 345kV Voltage	Pre-Fault	6.8	NA	338	2062
2063 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	5.8	327.8	327.8	2063
2063 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	5.8	327.8	327.8	2063
2063 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	5.8	327.8	327.8	2063
2063 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	5.8	327.8	327.8	2063
2063 >E	Gordon Rd 345kV Voltage	Ravenswood 3	6.2	327.8	329.8	2128
2065 >E	Somerset 345kV Voltage	SBK Marcy R3108	6.1	327.8	326.3	1743
2066 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	6.4	327.8	321.5	1743
2067 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	5.8	327.8	327.1	2029
2067 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	5.8	327.8	327.1	2029
2068 >E	Bowline 1 345kV Voltage	Ravenswood 3	7.0	327.8	335.3	2132
2070 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	5.9	327.8	326.6	2015
2070 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	5.9	327.8	326.6	2015
2070 >E	Bowline 2 345kV Voltage	Ravenswood 3	7.0	327.8	335.4	2134
2076 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	8.4	327.8	328.4	2049
2076 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	6.4	327.8	327.8	2076
2076 >E	Gordon Rd 345kV Voltage	SBK Edic R945	6.4	327.8	327.8	2076
2078 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	6.6	327.8	327.5	2078
2078 >E	Buchanan North 345kV Voltage	SBK Princetown 345	8.5	327.8	328.1	2096
2080 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	12.0	327.8	348.2	570
2080 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	8.6	327.8	327.9	2081
2080 >E	Gordon Rd 345kV Voltage	Volney-Marcy	6.5	327.8	327.1	2042
2081 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	8.6	327.8	327.8	2081
2081 >E	Somerset 345kV Voltage	SBK Edic R70	6.4	327.8	323.5	2024
2081 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	8.6	327.8	327.8	2081
2081 >E	Buchanan North 345kV Voltage	SBK Edic R945	8.6	327.8	327.8	2081
2082 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	7.1	327.8	328.5	2055
2084 >E	Ramapo 345kV Voltage	SBK Princetown 345	7.2	327.8	328.1	2102
2084 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	7.1	327.8	326.5	2085
2085 >E	Gordon Rd 345kV Voltage	SBK Edic R70	6.6	327.8	326.5	2028
2085 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	14.5	327.8	344.1	572
2086 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	7.2	327.8	327.9	2087
2086 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	7.2	327.8	327.8	2086
2086 >E	Buchanan North 345kV Voltage	SBK Edic R70	8.9	327.8	327.2	2029
2086 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	7.2	327.8	327.8	2086
2086 >E	Ramapo 345kV Voltage	SBK Edic R945	7.2	327.8	327.8	2086
2089 >E	Buchanan North 345kV Voltage	Volney-Marcy	9.0	327.8	326.9	2049
2092 >E	Ramapo 345kV Voltage	SBK Edic R70	7.4	327.8	327.1	2034

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2093 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	6.4	327.8	322.7	1759
2093 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	6.4	327.8	322.7	1759
2093 >E	St.Lawrence 230kV Voltage	Marcy South S.	18.0	218.5	222.3	2397
2094 >E	Ramapo 345kV Voltage	Volney-Marcy	7.5	327.8	326.7	2055
2106 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	7.1	327.8	323.1	1767
2107 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	7.7	327.8	328.6	2079
2110 >E	Ladentown 345kV Voltage	SBK Princetown 345	7.8	327.8	328.2	2126
2112 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	7.9	327.8	327.9	2113
2113 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	7.9	327.8	327.8	2113
2113 >E	Ladentown 345kV Voltage	SBK Edic R945	7.9	327.8	327.8	2113
2113 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	7.9	327.8	327.8	2113
2115 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	10.1	327.8	323.8	1772
2116 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	9.3	327.8	328.5	2087
2119 >E	Buchanan South 345kV Voltage	SBK Princetown 345	9.4	327.8	328.2	2135
2119 >E	Ladentown 345kV Voltage	SBK Edic R70	8.1	327.8	327.0	2057
2119 >E	Fraser 345kV Voltage	Marcy South N.	13.7	327.8	327.8	2651
2120 >E	Roseton 345kV Voltage	Ravenswood 3	8.9	327.8	333.2	2180
2121 >E	Ramapo 345kV Voltage	SBK Marcy R3108	8.5	327.8	323.0	1776
2121 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	7.8	327.8	328.6	2092
2122 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	10.3	327.8	328.5	2093
2122 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	9.5	327.8	327.9	2123
2122 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	11.9	327.8	328.4	2093
2122 >E	Ladentown 345kV Voltage	Volney-Marcy	8.2	327.8	326.7	2081
2122 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	9.5	327.8	327.8	2122
2123 >E	Niagara 345kV Voltage	Ravenswood 3	6.6	327.8	329.1	2183
2123 >E	Buchanan South 345kV Voltage	SBK Edic R945	9.6	327.8	327.8	2123
2123 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	9.6	327.8	327.8	2123
2123 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	12.1	327.8	328.4	2094
2124 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	7.7	327.8	328.6	2095
2124 >E	Bowline 1 345kV Voltage	SBK Princetown 345	7.9	327.8	328.2	2140
2125 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	12.2	327.8	328.1	2141
2125 >E	Millwood 345kV Voltage	SBK Princetown 345	10.5	327.8	328.2	2141
2126 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	12.9	327.8	349.3	592
2127 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	12.3	327.8	328.1	2142
2127 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	8.0	327.8	327.9	2127
2127 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	8.0	327.8	327.8	2127
2127 >E	Bowline 2 345kV Voltage	SBK Princetown 345	7.9	327.8	328.2	2143
2128 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	8.0	327.8	327.8	2128

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2128 >E	Bowline 1 345kV Voltage	SBK Edic R945	8.0	327.8	327.8	2128
2128 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	12.3	327.8	327.9	2129
2128 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	10.6	327.8	327.9	2129
2129 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	12.3	327.8	327.8	2129
2129 >E	Buchanan South 345kV Voltage	SBK Edic R70	9.8	327.8	327.1	2065
2129 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	10.6	327.8	327.8	2129
2129 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	12.3	327.8	327.8	2129
2129 >E	Sprain Brook 345kV Voltage	SBK Edic R945	12.3	327.8	327.8	2129
2130 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	10.7	327.8	327.8	2130
2130 >E	Millwood 345kV Voltage	SBK Edic R945	10.7	327.8	327.8	2130
2130 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	7.9	327.8	327.9	2130
2130 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	12.4	327.8	327.9	2130
2130 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	7.9	327.8	327.8	2130
2130 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	12.4	327.8	327.8	2130
2130 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	8.0	327.8	327.8	2130
2130 >E	Bowline 2 345kV Voltage	SBK Edic R945	8.0	327.8	327.8	2130
2131 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	12.4	327.8	327.8	2131
2131 >E	Dunwoodie 345kV Voltage	SBK Edic R945	12.4	327.8	327.8	2131
2131 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	327.8	2102
2131 >E	Niagara 345kV Voltage	SBK Princetown 345	6.8	327.8	327.8	2147
2131 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	6.8	327.8	327.8	2132
2132 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	6.8	327.8	327.8	2131
2132 >E	Niagara 345kV Voltage	Volney-Marcy	6.8	327.8	327.8	2091
2132 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	327.8	2132
2132 >E	Niagara 345kV Voltage	SBK Edic R945	6.8	327.8	327.8	2132
2132 >E	Buchanan South 345kV Voltage	Volney-Marcy	9.9	327.8	326.8	2091
2134 >E	Bowline 1 345kV Voltage	SBK Edic R70	8.2	327.8	327.0	2070
2135 >E	Sprain Brook 345kV Voltage	SBK Edic R70	12.6	327.8	327.3	2071
2136 >E	Millwood 345kV Voltage	SBK Edic R70	10.9	327.8	327.2	2071
2137 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	10.4	327.8	332.7	2196
2137 >E	Dunwoodie 345kV Voltage	SBK Edic R70	12.8	327.8	327.3	2072
2137 >E	Bowline 2 345kV Voltage	SBK Edic R70	8.2	327.8	326.9	2072
2137 >E	Bowline 1 345kV Voltage	Volney-Marcy	8.3	327.8	326.6	2096
2139 >E	Sprain Brook 345kV Voltage	Volney-Marcy	12.8	327.8	327.0	2098
2140 >E	Millwood 345kV Voltage	Volney-Marcy	11.1	327.8	326.9	2098
2140 >E	Bowline 2 345kV Voltage	Volney-Marcy	8.3	327.8	326.6	2099

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2141 >E	Dunwoodie 345kV Voltage	Volney-Marcy	12.9	327.8	327.0	2100
2142 >E	Niagara 345kV Voltage	SBK Marcy R3108	7.1	327.8	326.3	1788
2142 >E	Watercure 230kV Voltage	Pre-Fault	12.5	NA	215	2142
2143 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	12.8	327.8	351.0	600
2150 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	12.9	327.8	351.3	603
2153 >E	Ladentown 345kV Voltage	SBK Marcy R3108	9.3	327.8	322.7	1795
2154 >E	Niagara 345kV Voltage	SBK Edic R70	7.4	327.8	324.6	2086
2161 >E	Somerset 345kV Voltage	Marcy South N.	19.5	327.8	349.3	2671
2165 >E	Niagara 230kV East Voltage	Ravenswood 3	18.3	218.5	219.7	2222
2165 >E	Niagara 230kV West Voltage	Ravenswood 3	18.3	218.5	219.7	2222
2166 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	11.2	327.8	323.3	1802
2166 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	9.7	327.8	328.7	2135
2170 >E	Roseton 345kV Voltage	SBK Princetown 345	9.9	327.8	328.2	2184
2172 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	9.4	327.8	322.3	1806
2174 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	10.0	327.8	327.9	2174
2174 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	10.0	327.8	327.8	2174
2174 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	14.3	327.8	324.1	1807
2174 >E	Millwood 345kV Voltage	SBK Marcy R3108	12.4	327.8	323.6	1807
2175 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	10.0	327.8	327.8	2175
2175 >E	Roseton 345kV Voltage	SBK Edic R945	10.0	327.8	327.8	2175
2175 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	9.4	327.8	322.2	1808
2176 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	14.5	327.8	324.2	1808
2180 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	11.0	327.8	329.0	2148
2183 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	16.5	327.8	345.1	618
2183 >E	Roseton 345kV Voltage	SBK Edic R70	10.3	327.8	326.9	2111
2187 >E	Niagara 230kV East Voltage	Volney-Marcy	19.6	218.5	218.6	2144
2187 >E	Niagara 230kV West Voltage	Volney-Marcy	19.6	218.5	218.6	2144
2187 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	11.3	327.8	328.4	2200
2187 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	19.6	218.5	218.5	2155
2187 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	19.6	218.5	218.5	2155
2187 >E	Roseton 345kV Voltage	Volney-Marcy	10.5	327.8	326.5	2144
2188 >E	Niagara 230kV East Voltage	SBK Princetown 345	19.6	218.5	218.5	2200
2188 >E	Niagara 230kV West Voltage	SBK Princetown 345	19.6	218.5	218.5	2200
2188 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	19.7	218.5	218.5	2188
2188 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	19.7	218.5	218.5	2188
2188 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	19.7	218.5	218.5	2188
2188 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	19.7	218.5	218.5	2188
2188 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	19.7	218.5	218.5	2188

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2188 >E	Niagara 230kV East Voltage	SBK Edic R945	19.7	218.5	218.5	2188
2188 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	19.7	218.5	218.5	2188
2188 >E	Niagara 230kV West Voltage	SBK Edic R945	19.7	218.5	218.5	2188
2192 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	11.5	327.8	327.9	2192
2193 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	11.5	327.8	327.8	2193
2194 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	11.5	327.8	327.8	2194
2194 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	11.5	327.8	327.8	2194
2200 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	11.8	327.8	327.2	2126
2204 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	11.8	327.8	326.9	2160
2206 >E	Somerset 345kV Voltage	Marcy South S.	12.8	327.8	338.1	2428
2207 >E	Niagara 230kV East Voltage	SBK Marcy R3108	21.0	218.5	217.5	1826
2207 >E	Niagara 230kV West Voltage	SBK Marcy R3108	21.0	218.5	217.5	1826
2216 >E	Watercure 230kV Voltage	Ravenswood 3	11.8	207	209.1	2269
2217 >E	Leeds 345kV Voltage	SBK Edic R70	10.3	327.8	327.8	2140
2217 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	10.3	327.8	327.8	2217
2217 >E	Leeds 345kV Voltage	Ravenswood 3	10.3	327.8	327.8	2269
2217 >E	Leeds 345kV Voltage	SBK Edic R945	10.3	327.8	327.8	2217
2217 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	10.3	327.8	327.8	2217
2217 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	10.3	327.8	327.8	2217
2217 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	10.3	327.8	327.8	2184
2217 >E	Leeds 345kV Voltage	Volney-Marcy	10.3	327.8	327.8	2172
2217 >E	Leeds 345kV Voltage	SBK Marcy R3108	10.3	327.8	327.8	1832
2217 >E	Leeds 345kV Voltage	SBK Princetown 345	10.3	327.8	327.8	2228
2219 >E	Watercure 230kV Voltage	SBK Marcy R3108	12.4	207	208.9	1833
2227 >E	Roseton 345kV Voltage	SBK Marcy R3108	11.7	327.8	322.6	1838
2228 >E	Watercure 230kV Voltage	Volney-Marcy	12.3	207	208.2	2183
2228 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	19.2	327.8	342.8	640
2231 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	15.7	327.8	346.4	641
2236 >E	Niagara 230kV East Voltage	SBK Edic R70	22.7	218.5	216.1	2156
2236 >E	Niagara 230kV West Voltage	SBK Edic R70	22.7	218.5	216.1	2156
2237 >E	Ramapo 500kV Voltage	Marcy South S.	39.8	500	500.5	2437
2239 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	13.0	327.8	323.8	1846
2241 >E	Watercure 230kV Voltage	SBK Princetown 345	12.5	207	207.1	2251
2241 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	12.5	207	207.1	2207
2242 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	12.5	207	207.0	2243
2243 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	12.5	207	207.0	2242
2243 >E	Watercure 230kV Voltage	SBK Edic R945	12.5	207	207.0	2243
2243 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	12.5	207	207.0	2243

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2250 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	23.0	327.8	340.6	650
2257 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	23.4	327.8	340.4	653
2267 >E	Leeds 345kV Voltage	Marcy South S.	14.1	327.8	345.8	2445
2281 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	18.3	207	232.6	665
2317 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	15.3	327.8	331.4	682
2320 >E	Watercure 230kV Voltage	SBK Edic R70	15.1	207	200.8	2227
2361 >E	Gilboa 345kV Voltage	Marcy South N.	21.5	327.8	337.3	2765
2374 >E	Watercure 230kV Voltage	Marcy South S.	18.4	207	230.4	2475
2378 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	16.3	327.8	327.1	710
2378 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	16.3	327.8	327.1	710
2438 >E	Rainey 345kV Voltage	Ravenswood 3	25.1	327.8	341.2	2474
2449 >E	Gordon Rd 345kV Voltage	SBK Princetown 345	27.0	327.8	269.6	2449
2467 >E	Farragut 345kV Voltage	Ravenswood 3	26.4	327.8	340.4	2500
2489 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	24.6	327.8	338.9	763
2521 >E	Niagara 230kV East Voltage	Marcy South S.	45.9	218.5	225.2	2516
2521 >E	Niagara 230kV West Voltage	Marcy South S.	45.9	218.5	225.2	2516
2563 >E	Farragut 345kV Voltage	Pre-Fault	40.2	NA	338	2563
2563 >E	Rainey 345kV Voltage	Pre-Fault	38.9	NA	338	2563
2568 >E	Pleasant Valley 345kV Voltage	Marcy South S.	30.7	327.8	337.7	2529
2602 >E	Ramapo 500kV Voltage	Marcy South N.	95.9	500	503.8	2877
2638 >E	Niagara 345kV Voltage	Marcy South S.	24.0	327.8	341.6	2548
2706 >E	Goethals 345kV Voltage	Ravenswood 3	35.9	327.8	339.1	2721
2721 >E	Coopers Corners 345kV Voltage	Marcy South N.	28.8	327.8	298.0	2933
2741 >E	Leeds 345kV Voltage	Marcy South N.	31.7	327.8	344.0	2942
2767 >E	Goethals 345kV Voltage	Pre-Fault	54.2	NA	338	2767
2773 >E	Niagara 230kV East Voltage	Marcy South N.	72.0	218.5	231.7	2957
2773 >E	Niagara 230kV West Voltage	Marcy South N.	72.0	218.5	231.7	2957
2780 >E	Gardenville 230kV Voltage	Marcy South S.	34.3	207	220.8	2588
2782 >E	Niagara 345kV Voltage	Marcy South N.	36.9	327.8	352.3	2961
2851 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	32.2	327.8	327.8	933
2923 >E	Sprain Brook 345kV Voltage	Marcy South S.	55.6	327.8	325.3	2627
2926 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	37.6	327.8	328.7	2860
2938 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	38.9	327.8	328.7	2872
2945 >E	Rainey 345kV Voltage	SBK Princetown 345	38.4	327.8	328.2	2921
2952 >E	Dunwoodie 345kV Voltage	Marcy South S.	57.7	327.8	325.4	2635
2956 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	38.8	327.8	327.9	2953
2958 >E	Farragut 345kV Voltage	SBK Princetown 345	39.7	327.8	328.2	2933
2958 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	38.8	327.8	327.8	2957
2960 >E	Rainey 345kV Voltage	SBK Edic R945	38.9	327.8	327.8	2960
2960 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	38.9	327.8	327.8	2960

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2969 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	40.1	327.8	327.9	2966
2971 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	40.1	327.8	327.8	2970
2973 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	40.2	327.8	327.8	2973
2973 >E	Farragut 345kV Voltage	SBK Edic R945	40.2	327.8	327.8	2973
2979 >E	Millwood 345kV Voltage	Marcy South S.	51.5	327.8	325.3	2643
2987 >E	Rainey 345kV Voltage	SBK Edic R70	39.9	327.8	327.1	2793
3000 >E	Farragut 345kV Voltage	SBK Edic R70	41.2	327.8	327.1	2804
3003 >E	Rainey 345kV Voltage	Volney-Marcy	40.4	327.8	326.7	2926
3004 >E	Gardenville 230kV Voltage	Marcy South N.	52.5	207	231.2	3065
3016 >E	Farragut 345kV Voltage	Volney-Marcy	41.8	327.8	326.7	2940
3145 >E	Rainey 345kV Voltage	SBK Marcy R3108	45.4	327.8	323.0	2379
3156 >E	Roseton 345kV Voltage	Marcy South S.	46.2	327.8	326.5	2692
3160 >E	Farragut 345kV Voltage	SBK Marcy R3108	46.9	327.8	323.1	2388
3198 >E	Buchanan South 345kV Voltage	Marcy South S.	55.7	327.8	321.3	2704
3210 >E	Buchanan North 345kV Voltage	Marcy South S.	58.9	327.8	317.5	2707
3244 >E	Pleasant Valley 345kV Voltage	Marcy South N.	57.6	327.8	336.3	3177
3273 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	52.4	327.8	328.7	3191
3300 >E	Goethals 345kV Voltage	SBK Princetown 345	53.5	327.8	328.2	3258
3315 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	54.0	327.8	327.9	3311
3318 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	54.1	327.8	327.8	3316
3319 >E	Goethals 345kV Voltage	SBK Edic R945	54.1	327.8	327.8	3319
3319 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	54.2	327.8	327.8	3319
3349 >E	Leeds 345kV Voltage	Ph2 DC 1500	49.3	327.8	327.8	3041
3356 >E	Goethals 345kV Voltage	SBK Edic R70	55.5	327.8	327.1	3105
3377 >E	Goethals 345kV Voltage	Volney-Marcy	56.3	327.8	326.7	3286
3566 >E	Goethals 345kV Voltage	SBK Marcy R3108	63.3	327.8	323.2	2627
3784 >E	Ramapo 345kV Voltage	Marcy South S.	68.5	327.8	308.0	2867
3796 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	72.6	327.8	346.3	1378
3818 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	74.9	327.8	346.0	1389
3826 >E	Rock Tavern 345kV Voltage	Marcy South N.	67.9	327.8	312.3	3449
3848 >E	Ladentown 345kV Voltage	Marcy South S.	69.6	327.8	308.1	2884
3953 >E	Roseton 345kV Voltage	Marcy South N.	74.9	327.8	329.0	3508
4086 >E	Rock Tavern 345kV Voltage	Marcy South S.	69.9	327.8	274.3	2950
4098 >E	Millwood 345kV Voltage	Marcy South N.	102.0	327.8	328.4	3576
4160 >E	Bowline 1 345kV Voltage	Marcy South S.	76.9	327.8	302.6	2971
4182 >E	Bowline 2 345kV Voltage	Marcy South S.	76.5	327.8	302.5	2977
4225 >E	Dunwoodie 345kV Voltage	Marcy South N.	122.4	327.8	327.1	3635
4225 >E	Sprain Brook 345kV Voltage	Marcy South N.	121.8	327.8	327.1	3635
4234 >E	Buchanan North 345kV Voltage	Marcy South N.	109.0	327.8	325.4	3640

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4375 >E	Buchanan South 345kV Voltage	Marcy South N.	105.9	327.8	327.5	3705
4432 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	99.7	327.8	345.8	1678
4604 >E	Northport 138kV Voltage	Pre-Fault	304.1	NA	135	4604
4786 >E	Ramapo 345kV Voltage	Marcy South N.	110.5	327.8	322.5	3897
5039 >E	Northport 138kV Voltage	Ravenswood 3	250.7	131.1	133.6	4874
5097 >E	Coopers Corners 345kV Voltage	Marcy South S.	79.2	327.8	38.3	3231
5116 >E	Ladentown 345kV Voltage	Marcy South N.	118.9	327.8	324.4	4052
5627 >E	Bowline 1 345kV Voltage	Marcy South N.	130.7	327.8	324.4	4290
5670 >E	Bowline 2 345kV Voltage	Marcy South N.	130.2	327.8	324.4	4310
5678 >E	Northport 138kV Voltage	N.Scot-Leeds 345	295.4	131.1	131.5	5485
5757 >E	Northport 138kV Voltage	SBK Princetown 345	301.6	131.1	131.2	5596
5782 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	303.5	131.1	131.1	5767
5786 >E	Northport 138kV Voltage	Princetown-N.Scot 345	303.8	131.1	131.1	5781
5790 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	304.1	131.1	131.1	5790
5790 >E	Northport 138kV Voltage	SBK Edic R945	304.1	131.1	131.1	5790
5874 >E	Northport 138kV Voltage	SBK Edic R70	310.7	131.1	130.8	5240
5929 >E	Northport 138kV Voltage	Volney-Marcy	314.9	131.1	130.6	5734
6379 >E	Northport 138kV Voltage	SBK Marcy R3108	349.6	131.1	129.2	4284
8163 >E	Rainey 345kV Voltage	Marcy South S.	230.6	327.8	325.6	4082
8207 >E	Farragut 345kV Voltage	Marcy South S.	237.1	327.8	325.8	4095
9823 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	629.4	131.1	138.8	4218
10287 >E	Goethals 345kV Voltage	Marcy South S.	320.8	327.8	326.4	4672
12890 >E	Rainey 345kV Voltage	Marcy South N.	401.4	327.8	327.7	7684
13062 >E	Farragut 345kV Voltage	Marcy South N.	416.3	327.8	327.8	7764
17053 >E	Goethals 345kV Voltage	Marcy South N.	576.0	327.8	327.7	9629
28689 >E	Northport 138kV Voltage	Marcy South S.	2099.9	131.1	128.3	9782
39202 >E	Northport 138kV Voltage	Marcy South N.	2934.3	131.1	130.7	19977
99998 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998

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Interface: Central East

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Clay 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Coopers Corners 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Fraser 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Gilboa 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
>E						
99998	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R945	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	361-362 D1b Ckt Twr 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
>E						
99998	Ladentown 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Millwood 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Niagara 230kV East Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998
99998 >E	Oakdale 345kV Voltage	Ph2 DC 1500	NA	320	NA	99998
99998 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Ramapo 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Ramapo 500kV Voltage	Ph2 DC 1500	NA	500	NA	99998
99998 >E	Station 80 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Roseton 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998	Watercure 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

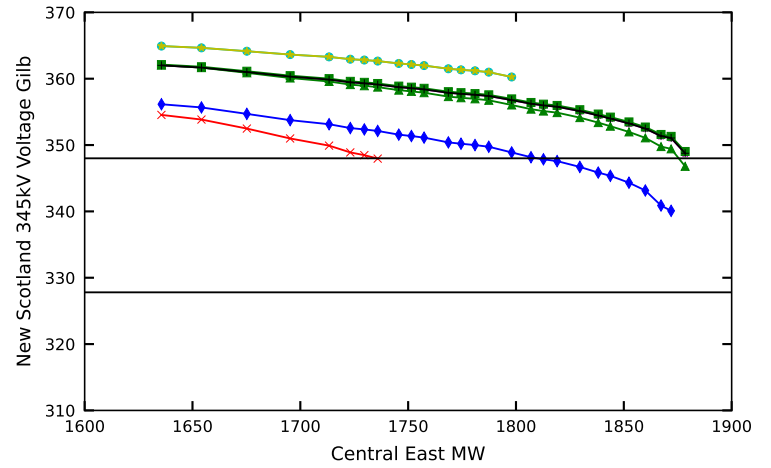
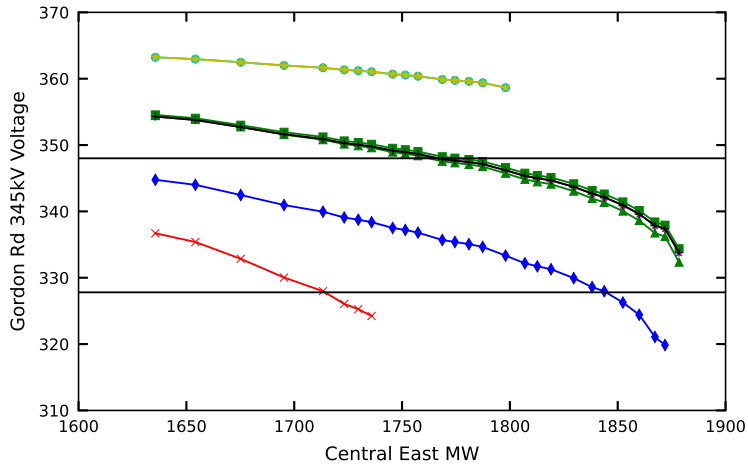
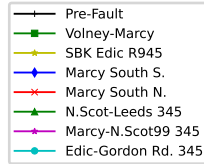
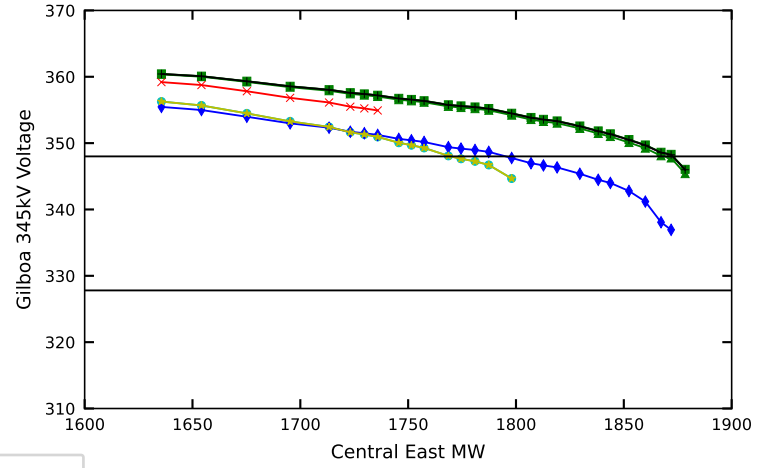
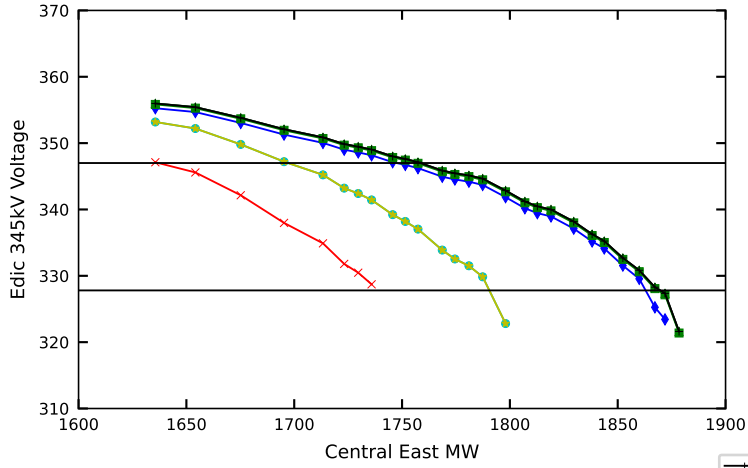
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\14_OS\Sum2023_CEVC_PH2_20_14_OS.xlsx

1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 14_OS

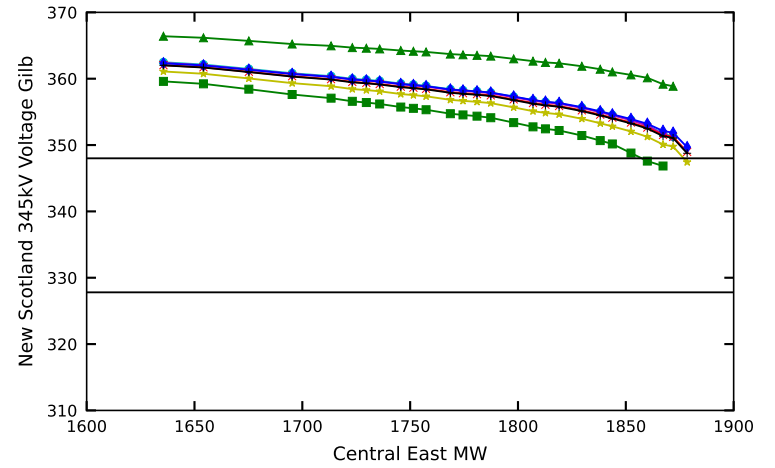
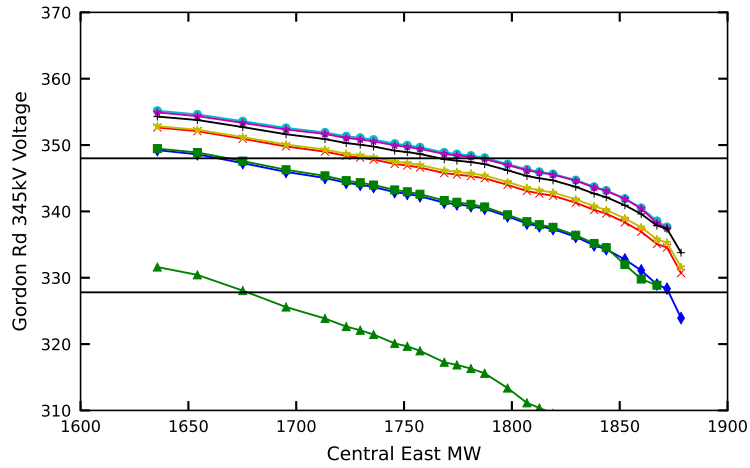
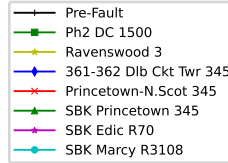
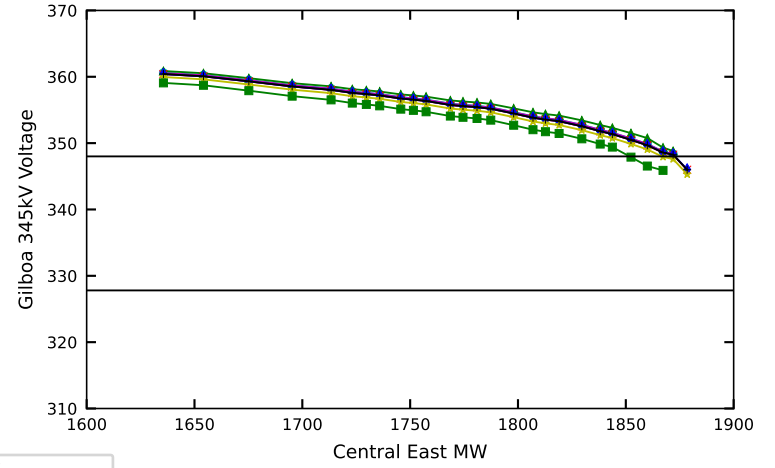
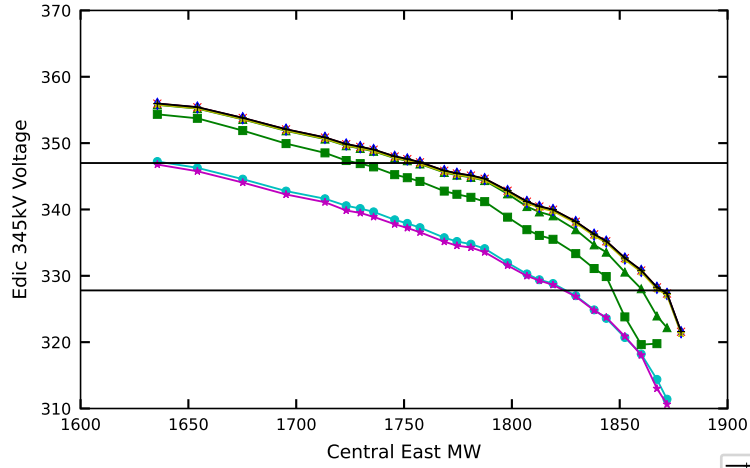
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						Post Flow

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

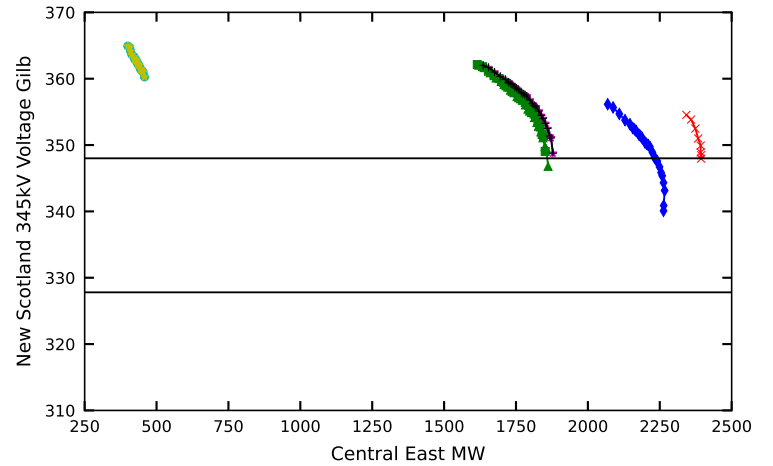
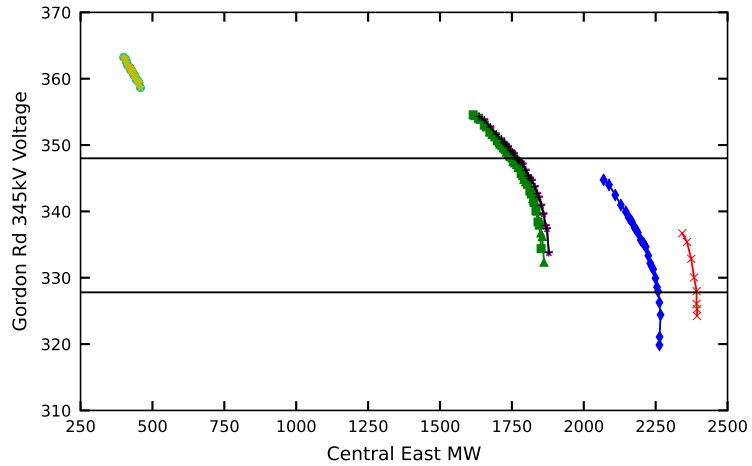
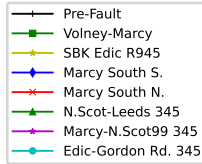
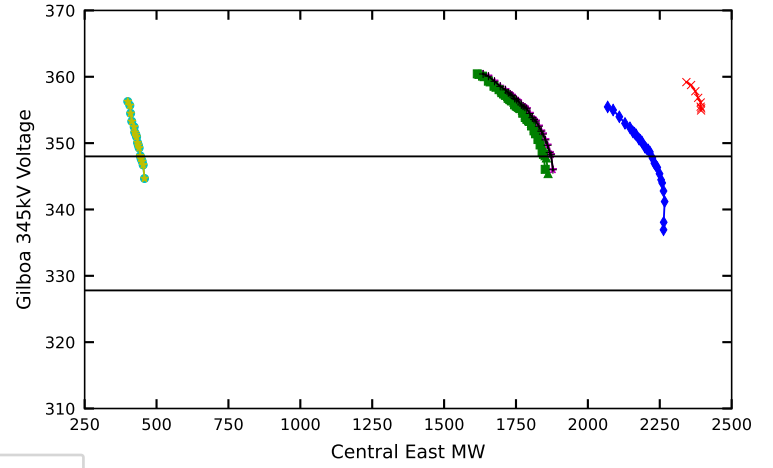
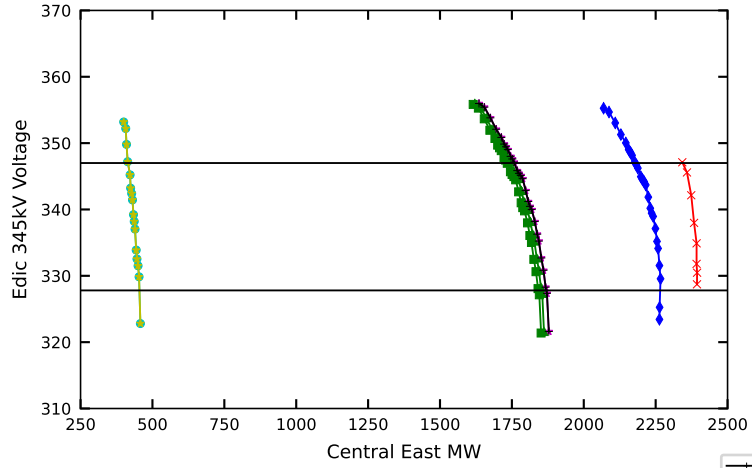
1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_05 Figure 1



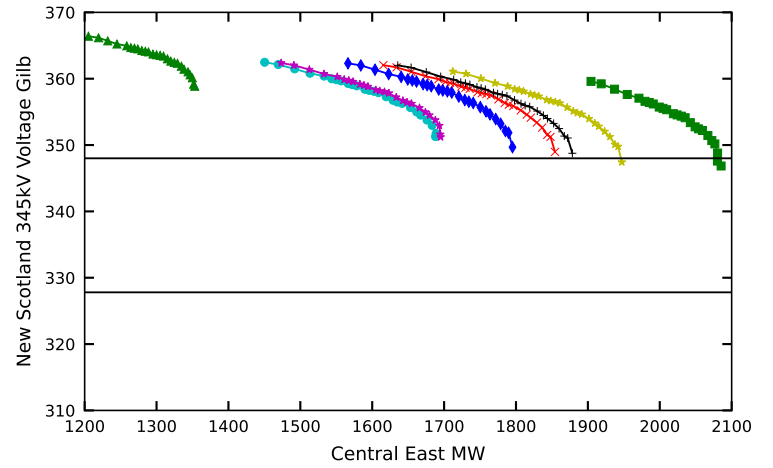
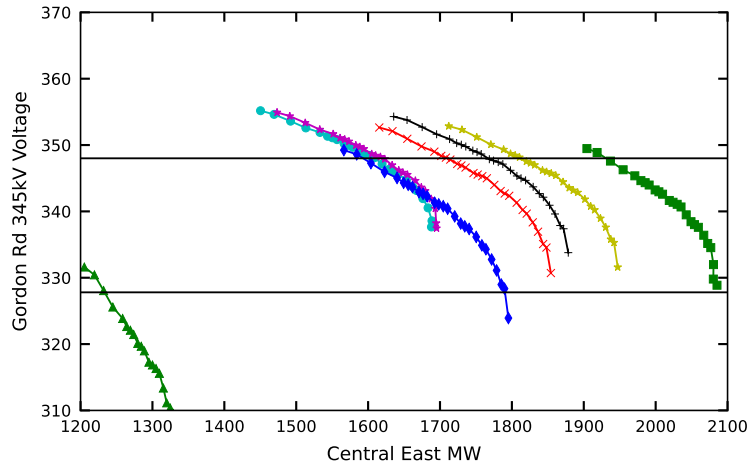
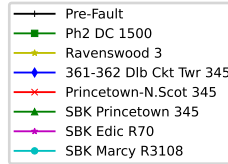
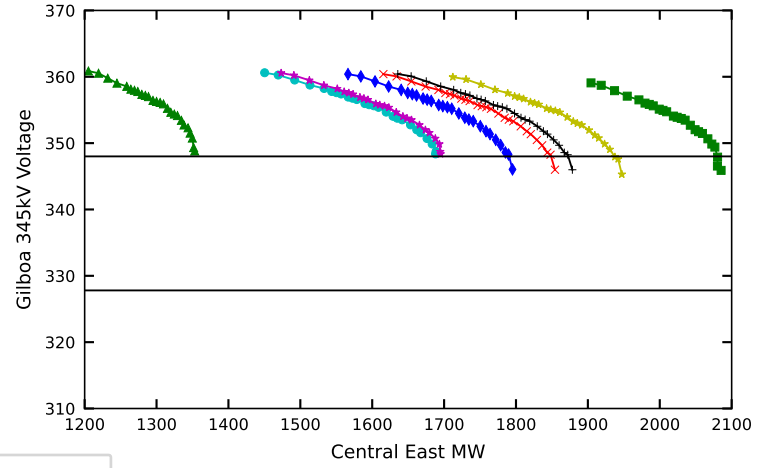
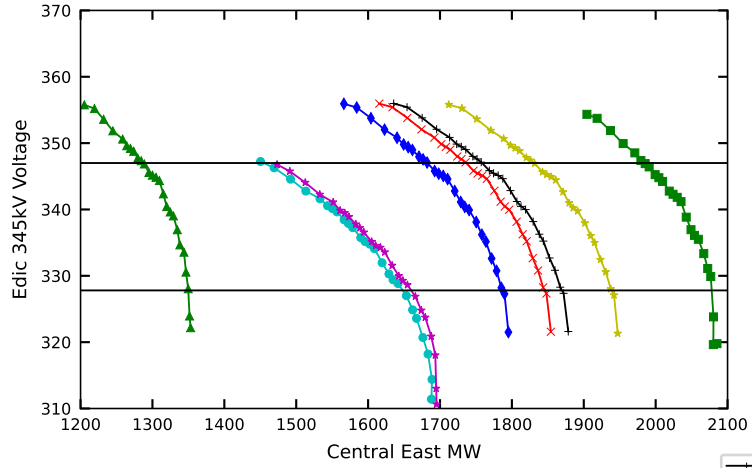
1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_05 Figure 2



1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS Figure 1



1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS Figure 2



Voltage Contingency Analysis Procedure (VCAP)

03-04-2023 15:14

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 2O 18_OS

Interface: Central East

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1621 <E	Dunwoodie 345kV Voltage	Pre-Fault	82.9	NA	348	1621
1627	limit with 5% margin	Marcy South N.	NA	NA	NA	2272
1628 <E	Sprain Brook 345kV Voltage	Pre-Fault	83.0	NA	348	1628
1677	Gordon Rd 345kV Voltage	SBK Princetown 345	8.1	327.8	352.6	1233
1708	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	435
1708	limit with 5% margin	SBK Edic R945	NA	NA	NA	435
1714 >E	Gordon Rd 345kV Voltage	Marcy South N.	8.8	327.8	350.8	2393
1739 >E	Oakdale 345kV Voltage	Marcy South N.	6.0	320	351.9	2404
1752	Marcy 345kV Voltage	Pre-Fault	12.3	NA	348	1752
1754 >E	Edic 345kV Voltage	Marcy South N.	5.9	327.8	348.0	2412
1755 >E	Clay 345kV Voltage	Marcy South N.	6.7	327.8	350.4	2412
1758	Edic 345kV Voltage	Pre-Fault	8.8	NA	347	1758
1759	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	1976
1761	Coopers Corners 345kV Voltage	SBK Edic R945	4.2	327.8	348.2	440
1761	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	348.2	440
1765 >E	Marcy 345kV Voltage	Marcy South N.	5.9	327.8	347.7	2417
1766	Gordon Rd 345kV Voltage	Pre-Fault	14.3	NA	348	1766
1766	limit with 5% margin	Marcy South S.	NA	NA	NA	2153
1771	Fraser 345kV Voltage	SBK Edic R945	4.7	327.8	349.7	445
1771	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.7	327.8	349.7	445
1773	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1604
1778	limit with 5% margin	SBK Edic R70	NA	NA	NA	1610
1778	limit with 5% margin	SBK Princetown 345	NA	NA	NA	1285
1784	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1784
1784	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	1768
1784	limit with 5% margin	Volney-Marcy	NA	NA	NA	1758
1784	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	1761
1784	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	1705
1784	limit with 5% margin	Ravenswood 3	NA	NA	NA	1849
1788	Oakdale 345kV Voltage	SBK Edic R945	1.5	320	346.1	453
1788	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	1.5	320	346.1	453
1790	Edic 345kV Voltage	SBK Edic R945	1.5	327.8	344.1	454
1790	Edic 345kV Voltage	Edic-Gordon Rd. 345	1.5	327.8	344.1	454
1791	Marcy 345kV Voltage	SBK Edic R945	1.5	327.8	344.5	455
1791	Marcy 345kV Voltage	Edic-Gordon Rd. 345	1.5	327.8	344.5	455
1797	Clay 345kV Voltage	SBK Edic R945	1.7	327.8	346.8	457
1797	Clay 345kV Voltage	Edic-Gordon Rd. 345	1.7	327.8	346.8	457
1799	Station 80 345kV Voltage	Pre-Fault	11.5	NA	346	1799
1801	Pannell Road 345kV Voltage	Pre-Fault	10.1	NA	346	1801
1811	Clay 345kV Voltage	Pre-Fault	10.0	NA	345	1811

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1812 >E	Pannell Road 345kV Voltage	SBK Edic R945	2.4	327.8	344.5	464
1812 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	2.4	327.8	344.5	464
1814 >E	Pannell Road 345kV Voltage	Marcy South N.	9.9	327.8	347.2	2441
1819 >E	Station 80 345kV Voltage	SBK Edic R945	2.7	327.8	343.2	467
1819 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	343.2	467
1824	Edic 345kV Voltage	SBK Edic R70	6.0	327.8	339.1	1659
1825	Edic 345kV Voltage	SBK Marcy R3108	5.8	327.8	339.0	1648
1832 >E	Ramapo 500kV Voltage	SBK Edic R945	11.6	500	508.6	473
1832 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	11.6	500	508.6	473
1835	Millwood 345kV Voltage	Pre-Fault	22.3	NA	348	1835
1840	Coopers Corners 345kV Voltage	SBK Marcy R3108	6.7	327.8	340.8	1664
1844	Gordon Rd 345kV Voltage	Marcy South S.	5.1	327.8	342.0	2258
1846	Edic 345kV Voltage	Ph2 DC 1500	1.4	327.8	334.4	2077
1846	Oakdale 345kV Voltage	Pre-Fault	4.0	NA	335	1846
1847	Marcy 345kV Voltage	Ph2 DC 1500	1.4	327.8	334.5	2078
1851 >E	Station 80 345kV Voltage	Marcy South N.	11.4	327.8	346.1	2459
1853	Fraser 345kV Voltage	Pre-Fault	4.3	NA	338	1853
1855	Clay 345kV Voltage	SBK Edic R70	3.1	327.8	338.0	1690
1858	Coopers Corners 345kV Voltage	Pre-Fault	5.8	NA	338	1858
1858	Coopers Corners 345kV Voltage	SBK Edic R70	4.3	327.8	338.0	1692
1860	Edic 345kV Voltage	SBK Princetown 345	1.8	327.8	330.7	1349
1861 >E	Clay 345kV Voltage	Ph2 DC 1500	1.8	327.8	336.5	2084
1861	Clay 345kV Voltage	SBK Marcy R3108	2.1	327.8	336.7	1684
1861	Marcy 345kV Voltage	SBK Princetown 345	1.8	327.8	330.6	1350
1864	Buchanan North 345kV Voltage	Pre-Fault	17.6	NA	346	1864
1866 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	3.4	327.8	338.9	2086
1866 >E	Edic 345kV Voltage	Marcy South S.	3.8	327.8	329.2	2270
1867 >E	Oakdale 345kV Voltage	Ph2 DC 1500	2.1	320	329.8	2086
1868 >E	Somerset 345kV Voltage	SBK Edic R945	3.8	327.8	343.5	488
1868 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	343.5	488
1868	Edic 345kV Voltage	Ravenswood 3	5.0	327.8	328.1	1938
1868	Edic 345kV Voltage	Volney-Marcy	5.0	327.8	328.0	1842
1869	Rock Tavern 345kV Voltage	Pre-Fault	29.2	NA	348	1869
1869	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	327.8	327.9	1787
1869	Edic 345kV Voltage	Princetown-N.Scot 345	5.0	327.8	327.8	1845
1869	Edic 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	327.8	1853
1869	Edic 345kV Voltage	Marcy-N.Scot99 345	5.1	327.8	327.8	1869
1869 >E	Marcy 345kV Voltage	SBK Marcy R3108	2.8	327.8	327.8	1690
1871 >E	Watercure 230kV Voltage	SBK Edic R945	5.3	207	233.0	490
1871 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	5.3	207	233.0	490

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1871	Marcy 345kV Voltage	Volney-Marcy	1.1	327.8	327.8	1845
1871	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	1.1	327.8	327.8	1789
1871	Marcy 345kV Voltage	Marcy-N.Scot99 345	1.1	327.8	327.8	1871
1871	Marcy 345kV Voltage	N.Scot-Leeds 345	1.1	327.8	327.8	1855
1871	Marcy 345kV Voltage	Princetown-N.Scot 345	1.1	327.8	327.8	1848
1871	Marcy 345kV Voltage	Ravenswood 3	1.1	327.8	327.8	1942
1871 >E	Marcy 345kV Voltage	SBK Edic R70	5.1	327.8	327.8	1695
1872	Gilboa 345kV Voltage	Pre-Fault	2.9	NA	348	1872
1872	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	1.5	327.8	336.9	1790
1873 >E	St.Lawrence 230kV Voltage	SBK Edic R945	7.2	218.5	228.2	491
1873 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	7.2	218.5	228.2	491
1873 >E	Marcy 345kV Voltage	Marcy South S.	3.9	327.8	328.1	2273
1873 >E	Fraser 345kV Voltage	Ph2 DC 1500	2.4	327.8	333.3	2089
1875 >E	Oakdale 345kV Voltage	SBK Edic R70	3.2	320	327.5	1695
1876 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	2.6	327.8	335.7	2091
1877 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.2	320	325.1	1696
1877 >E	Clay 345kV Voltage	SBK Princetown 345	3.2	327.8	333.5	1354
1877 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	3.2	327.8	335.2	2091
1877	Coopers Corners 345kV Voltage	Ravenswood 3	1.5	327.8	331.9	1946
1878 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.3	320	327.0	1355
1879 >E	Clay 345kV Voltage	Volney-Marcy	1.4	327.8	329.2	1852
1879 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	1.4	327.8	327.8	1796
1879 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	1.4	327.8	327.8	1862
1879 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	1.4	327.8	327.8	1855
1879 >E	Fraser 345kV Voltage	Volney-Marcy	1.4	327.8	327.8	1852
1879 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	1.4	327.8	327.8	1879
1879 >E	Fraser 345kV Voltage	Ravenswood 3	1.4	327.8	327.8	1948
1880 >E	Pannell Road 345kV Voltage	SBK Edic R70	3.1	327.8	338.1	1696
1880 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	4.6	327.8	334.7	1355
1880 >E	New Scotland 345kV Voltage Alps	Pre-Fault	2.8	NA	348	1880
1880 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	2.8	NA	348	1880
1880 >E	Clay 345kV Voltage	Ravenswood 3	1.4	327.8	328.4	1949
1881 >E	Buchanan South 345kV Voltage	Pre-Fault	4.0	NA	346	1881
1881 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	1.4	327.8	328.1	1797
1881 >E	Clay 345kV Voltage	Princetown-N.Scot 345	1.4	327.8	327.9	1857
1881 >E	Clay 345kV Voltage	N.Scot-Leeds 345	1.4	327.8	327.9	1864
1881 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	1.4	327.8	327.8	1881

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1881 >E	St.Lawrence 230kV Voltage	Pre-Fault	3.5	NA	225	1881
1881 >E	Oakdale 345kV Voltage	Volney-Marcy	1.6	320	321.9	1854
1882 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	3.9	218.5	226.0	2093
1882 >E	Oakdale 345kV Voltage	Ravenswood 3	1.6	320	321.5	1950
1882 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	1.5	327.8	328.6	1798
1883 >E	Rock Tavern 345kV Voltage	SBK Edic R945	5.8	327.8	348.6	495
1883 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	5.8	327.8	348.6	495
1883 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	1.7	327.8	331.1	1858
1883 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	1.5	327.8	328.2	1866
1883 >E	Station 80 345kV Voltage	Ph2 DC 1500	2.9	327.8	335.6	2094
1883 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	1.5	327.8	328.0	1859
1883 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	1.6	320	320.7	1799
1884 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	1.6	327.8	327.8	1884
1884 >E	Ramapo 500kV Voltage	Ravenswood 3	5.4	500	505.2	1951
1884 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	1.6	320	320.2	1860
1884 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	1.6	320	320.1	1867
1884 >E	Fraser 345kV Voltage	SBK Princetown 345	3.5	327.8	331.5	1357
1884 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	1.6	320	320.0	1884
1885 >E	Gordon Rd 345kV Voltage	Ravenswood 3	1.8	327.8	330.1	1952
1885 >E	Ramapo 345kV Voltage	Pre-Fault	3.4	NA	346	1885
1885 >E	Coopers Corners 345kV Voltage	Volney-Marcy	1.6	327.8	326.9	1858
1885 >E	Gilboa 345kV Voltage	SBK Edic R945	5.2	327.8	348.6	496
1885 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	5.2	327.8	348.6	496
1885 >E	Fraser 345kV Voltage	Marcy South S.	3.2	327.8	330.4	2280
1886 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	1.7	327.8	329.6	1868
1886 >E	Pleasant Valley 345kV Voltage	Pre-Fault	5.1	NA	348	1886
1887 >E	Fraser 345kV Voltage	SBK Marcy R3108	3.2	327.8	327.8	1703
1889 >E	Oakdale 345kV Voltage	Marcy South S.	3.1	320	323.3	2281
1889 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	1.8	327.8	327.8	1889
1890 >E	Gordon Rd 345kV Voltage	Volney-Marcy	1.8	327.8	327.1	1862
1891 >E	Ladentown 345kV Voltage	Pre-Fault	3.6	NA	346	1891
1892 >E	Pannell Road 345kV Voltage	Volney-Marcy	1.9	327.8	328.7	1864
1892 >E	Station 80 345kV Voltage	SBK Edic R70	3.7	327.8	338.3	1697
1892 >E	Pannell Road 345kV Voltage	Ravenswood 3	1.9	327.8	328.4	1958
1893 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	1.9	327.8	328.1	1807
1893 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	1.9	327.8	327.9	1868
1893 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	1.9	327.8	327.9	1876
1894 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	1.9	327.8	327.8	1894

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1895 >E	Clay 345kV Voltage	Marcy South S.	4.8	327.8	330.5	2285
1896 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	4.8	327.8	337.3	1710
1900 >E	Station 80 345kV Voltage	Ravenswood 3	2.3	327.8	328.6	1964
1900 >E	Station 80 345kV Voltage	Volney-Marcy	2.3	327.8	328.5	1872
1900 >E	Bowline 1 345kV Voltage	Pre-Fault	3.6	NA	345	1900
1901 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	2.3	327.8	328.1	1814
1901 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	2.3	327.8	327.9	1876
1901 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	2.3	327.8	327.8	1883
1901 >E	St.Lawrence 230kV Voltage	Ravenswood 3	3.4	218.5	219.2	1965
1901 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	2.3	327.8	327.8	1901
1901 >E	Bowline 2 345kV Voltage	Pre-Fault	3.5	NA	345	1901
1902 >E	St.Lawrence 230kV Voltage	Volney-Marcy	3.4	218.5	219.1	1874
1904 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	3.5	218.5	218.5	1904
1904 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	3.5	218.5	218.5	1885
1904 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	3.5	218.5	218.5	1878
1904 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	3.5	218.5	218.4	1817
1906 >E	Roseton 345kV Voltage	Pre-Fault	4.7	NA	345	1906
1907 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	3.7	327.8	328.3	1718
1908 >E	Watercure 230kV Voltage	Marcy South N.	14.5	207	227.6	2487
1909 >E	Dunwoodie 345kV Voltage	Ravenswood 3	3.8	327.8	335.4	1971
1909 >E	Sprain Brook 345kV Voltage	Ravenswood 3	3.8	327.8	335.4	1971
1909 >E	Fraser 345kV Voltage	SBK Edic R70	6.7	327.8	327.8	1699
1909 >E	Niagara 230kV East Voltage	Pre-Fault	5.5	NA	225	1909
1909 >E	Niagara 230kV West Voltage	Pre-Fault	5.5	NA	225	1909
1910 >E	Buchanan North 345kV Voltage	Ravenswood 3	3.1	327.8	334.6	1972
1910 >E	Pannell Road 345kV Voltage	SBK Princetown 345	4.8	327.8	334.2	1365
1911 >E	Rock Tavern 345kV Voltage	Ravenswood 3	2.5	327.8	333.1	1973
1912 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	5.7	500	500.3	1823
1913 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	5.7	500	500.3	1894
1914 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	5.8	500	500.1	1888
1914 >E	Ramapo 500kV Voltage	Pre-Fault	5.8	NA	500	1914
1914 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	5.8	500	500.0	1914
1915 >E	Ramapo 500kV Voltage	Volney-Marcy	6.0	500	499.8	1887
1920 >E	Millwood 345kV Voltage	Ravenswood 3	3.8	327.8	335.2	1980
1921 >E	Ramapo 500kV Voltage	Ph2 DC 1500	23.4	500	507.0	2110
1923 >E	Leeds 345kV Voltage	Pre-Fault	5.0	NA	345	1923
1923 >E	Gilboa 345kV Voltage	Marcy South S.	4.8	327.8	342.8	2299
1924 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr	2.6	327.8	328.6	1833

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
1924 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	2.6	327.8	328.4	1904
1924 >E	Buchanan South 345kV Voltage	Ravenswood 3	3.6	327.8	335.0	1983
1925 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	2.5	327.8	332.2	1905
1925 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	2.5	327.8	332.2	1905
1925 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	2.7	327.8	328.1	1898
1926 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	327.8	1926
1926 >E	Ramapo 345kV Voltage	Ravenswood 3	3.1	327.8	333.9	1985
1927 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	2.8	327.8	329.1	1907
1928 >E	Gilboa 345kV Voltage	Ravenswood 3	2.8	327.8	328.7	1986
1928 >E	Station 80 345kV Voltage	SBK Marcy R3108	7.4	327.8	339.3	1734
1928 >E	Station 80 345kV Voltage	SBK Princetown 345	5.6	327.8	334.3	1371
1929 >E	Rock Tavern 345kV Voltage	Volney-Marcy	2.8	327.8	326.6	1899
1929 >E	Somerset 345kV Voltage	Pre-Fault	4.4	NA	338	1929
1930 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	2.9	327.8	327.8	1930
1930 >E	Gordon Rd 345kV Voltage	SBK Edic R70	6.1	327.8	331.3	1701
1930 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	2.9	327.8	327.7	1903
1931 >E	Gilboa 345kV Voltage	Volney-Marcy	2.9	327.8	327.7	1901
1931 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	327.8	327.6	1839
1931 >E	Niagara 345kV Voltage	SBK Edic R945	5.1	327.8	342.0	516
1931 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	5.1	327.8	342.0	516
1932 >E	Ladentown 345kV Voltage	Ravenswood 3	3.3	327.8	334.5	1989
1932 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	328.2	1911
1932 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	3.4	327.8	328.1	1840
1932 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	2.8	327.8	329.6	1990
1932 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	2.8	327.8	329.6	1990
1933 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	3.4	327.8	327.9	1906
1933 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	3.4	327.8	327.8	1933
1935 >E	Buchanan North 345kV Voltage	Volney-Marcy	3.5	327.8	327.2	1905
1937 >E	Bowline 1 345kV Voltage	Ravenswood 3	3.3	327.8	334.7	1994
1937 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	2.8	327.8	327.8	1937
1937 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	2.8	327.8	327.8	1937
1938 >E	Bowline 2 345kV Voltage	Ravenswood 3	3.3	327.8	334.7	1994
1939 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	2.9	327.8	327.3	1909
1939 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	2.9	327.8	327.3	1909
1939 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	2.9	327.8	327.3	1912
1939 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	2.9	327.8	327.3	1912
1939 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	4.2	327.8	328.2	1919
1940 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	4.2	327.8	328.2	1919

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1940 >E	Niagara 230kV East Voltage	SBK Edic R945	10.6	218.5	227.4	520
1940 >E	Niagara 230kV West Voltage	SBK Edic R945	10.6	218.5	227.4	520
1940 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	10.6	218.5	227.4	520
1940 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	10.6	218.5	227.4	520
1940 >E	Niagara 230kV East Voltage	Ravenswood 3	5.3	218.5	219.3	1996
1940 >E	Niagara 230kV West Voltage	Ravenswood 3	5.3	218.5	219.3	1996
1941 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	4.2	327.8	327.8	1847
1941 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	4.2	327.8	327.8	1847
1941 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	4.2	327.8	327.8	1914
1941 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	4.3	327.8	327.8	1914
1941 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	327.8	1941
1941 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	4.3	327.8	327.8	1941
1941 >E	Pannell Road 345kV Voltage	Marcy South S.	7.6	327.8	330.6	2309
1943 >E	Sprain Brook 345kV Voltage	Volney-Marcy	4.3	327.8	327.3	1913
1943 >E	Dunwoodie 345kV Voltage	Volney-Marcy	4.4	327.8	327.3	1913
1943 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	3.0	327.8	325.7	1849
1943 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	3.0	327.8	325.7	1849
1944 >E	Niagara 230kV East Voltage	Volney-Marcy	5.4	218.5	218.6	1914
1944 >E	Niagara 230kV West Voltage	Volney-Marcy	5.4	218.5	218.6	1914
1944 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	5.4	218.5	218.6	1849
1944 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	5.4	218.5	218.6	1849
1944 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	5.5	218.5	218.5	1917
1944 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	5.5	218.5	218.5	1917
1945 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	5.5	218.5	218.5	1923
1945 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	5.5	218.5	218.5	1923
1945 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	5.5	218.5	218.5	1945
1945 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	5.5	218.5	218.5	1945
1945 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	328.3	1924
1945 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	3.3	327.8	328.3	1851
1945 >E	Somerset 345kV Voltage	Ph2 DC 1500	4.6	327.8	337.5	2121
1946 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	3.4	327.8	328.0	1918
1947 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	3.4	327.8	327.8	1947
1949 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	328.3	1927
1949 >E	Ramapo 345kV Voltage	Volney-Marcy	3.5	327.8	327.0	1919

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1950 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	328.4	1929
1951 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	327.9	1855
1951 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	4.2	327.8	327.8	1923
1951 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	327.8	1951
1952 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	328.0	1856
1952 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.9	1924
1952 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	327.8	1952
1953 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	5.9	327.8	338.7	1753
1953 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	328.4	1932
1953 >E	Millwood 345kV Voltage	Volney-Marcy	4.3	327.8	327.2	1923
1954 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	3.5	327.8	328.2	1858
1954 >E	Ramapo 500kV Voltage	SBK Marcy R3108	17.3	500	504.7	1754
1955 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	3.5	327.8	327.9	1927
1955 >E	Buchanan South 345kV Voltage	Volney-Marcy	4.1	327.8	327.1	1924
1955 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	327.8	1955
1958 >E	Ladentown 345kV Voltage	Volney-Marcy	3.7	327.8	327.0	1927
1959 >E	New Scotland 345kV Voltage Alps	Marcy South S.	6.5	327.8	342.3	2318
1959 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	6.5	327.8	342.3	2318
1959 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	328.4	1937
1960 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	10.6	218.5	220.0	1759
1960 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	3.5	327.8	328.2	1863
1960 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	328.4	1938
1961 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	3.5	327.8	328.3	1864
1961 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	3.6	327.8	328.0	1933
1962 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	327.8	1962
1962 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	3.5	327.8	328.0	1933
1963 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	3.5	327.8	327.8	1963
1965 >E	Bowline 1 345kV Voltage	Volney-Marcy	3.7	327.8	326.9	1933
1965 >E	Roseton 345kV Voltage	Ravenswood 3	4.3	327.8	332.3	2016
1966 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	4.7	327.8	332.2	2016
1966 >E	Bowline 2 345kV Voltage	Volney-Marcy	3.7	327.8	326.9	1934
1967 >E	Gilboa 345kV Voltage	Ph2 DC 1500	5.7	327.8	338.9	2130
1968 >E	Somerset 345kV Voltage	Ravenswood 3	4.2	327.8	329.3	2018
1969 >E	Station 80 345kV Voltage	Marcy South S.	9.0	327.8	330.3	2323
1973 >E	Somerset 345kV Voltage	Volney-Marcy	4.4	327.8	328.2	1941
1973 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr	4.4	327.8	328.2	1873

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
1974 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	4.4	327.8	327.9	1945
1974 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	327.9	1951
1974 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	327.8	1974
1983 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	4.9	327.8	328.8	1959
1983 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	328.5	1960
1984 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	6.3	327.8	342.0	2138
1984 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	6.3	327.8	342.0	2138
1985 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	328.1	1884
1986 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.9	1956
1987 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	4.7	327.8	327.8	1987
1988 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	5.1	327.8	327.8	1988
1988 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	5.1	327.8	327.8	1958
1989 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	327.6	1887
1990 >E	Niagara 230kV East Voltage	SBK Marcy R3108	10.0	218.5	223.1	1781
1990 >E	Niagara 230kV West Voltage	SBK Marcy R3108	10.0	218.5	223.1	1781
1991 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	5.2	327.8	327.2	1958
1991 >E	Roseton 345kV Voltage	Volney-Marcy	4.8	327.8	326.9	1958
1994 >E	Ramapo 500kV Voltage	SBK Princetown 345	20.0	500	504.5	1391
1998 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	14.6	218.5	223.3	1392
2000 >E	Somerset 345kV Voltage	SBK Edic R70	6.8	327.8	343.6	1709
2002 >E	Gilboa 345kV Voltage	SBK Marcy R3108	6.4	327.8	328.1	1790
2002 >E	Niagara 345kV Voltage	Ph2 DC 1500	5.5	327.8	335.9	2146
2003 >E	Ramapo 500kV Voltage	SBK Edic R70	24.4	500	504.2	1709
2004 >E	Ramapo 345kV Voltage	SBK Edic R945	10.6	327.8	348.4	549
2004 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	10.6	327.8	348.4	549
2008 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	5.0	327.8	327.8	2008
2008 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	5.0	327.8	327.8	1977
2008 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	327.8	327.8	1903
2008 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	327.8	1983
2008 >E	Leeds 345kV Voltage	Volney-Marcy	5.0	327.8	327.8	1975
2008 >E	Leeds 345kV Voltage	Ravenswood 3	5.0	327.8	327.8	2050
2009 >E	St.Lawrence 230kV Voltage	Marcy South N.	21.9	218.5	224.4	2536
2009 >E	Buchanan North 345kV Voltage	SBK Edic R945	12.9	327.8	344.4	551
2009 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	12.9	327.8	344.4	551
2009 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	6.0	327.8	329.2	1796
2009 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	6.0	327.8	329.2	1796
2010 >E	Niagara 230kV East Voltage	Ph2 DC 1500	12.0	218.5	223.2	2149

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2010 >E	Niagara 230kV West Voltage	Ph2 DC 1500	12.0	218.5	223.2	2149
2029 >E	Watercure 230kV Voltage	Ph2 DC 1500	8.0	207	226.7	2157
2030 >E	Niagara 345kV Voltage	Pre-Fault	7.9	NA	338	2030
2039 >E	Watercure 230kV Voltage	SBK Edic R70	7.6	207	221.8	1713
2044 >E	Ladentown 345kV Voltage	SBK Edic R945	11.5	327.8	349.6	566
2044 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	11.5	327.8	349.6	566
2053 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	11.9	327.8	335.3	1829
2060 >E	Bowline 1 345kV Voltage	SBK Edic R945	11.4	327.8	351.3	573
2060 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	11.4	327.8	351.3	573
2061 >E	St.Lawrence 230kV Voltage	SBK Edic R70	21.7	218.5	221.1	1715
2061 >E	Gilboa 345kV Voltage	SBK Princetown 345	9.0	327.8	335.4	1412
2063 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	10.3	327.8	339.9	2172
2066 >E	Bowline 2 345kV Voltage	SBK Edic R945	11.4	327.8	351.6	576
2066 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	11.4	327.8	351.6	576
2066 >E	Watercure 230kV Voltage	SBK Princetown 345	8.5	207	220.1	1414
2069 >E	Rainey 345kV Voltage	Ravenswood 3	9.7	327.8	340.4	2098
2071 >E	Ramapo 345kV Voltage	SBK Marcy R3108	10.6	327.8	337.7	1842
2080 >E	Farragut 345kV Voltage	Ravenswood 3	10.2	327.8	339.5	2107
2083 >E	New Scotland 345kV Voltage Alps	Marcy South N.	16.7	327.8	350.6	2572
2083 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	16.7	327.8	350.6	2572
2084 >E	St.Lawrence 230kV Voltage	Marcy South S.	21.2	218.5	218.0	2382
2085 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	11.7	327.8	340.6	1420
2091 >E	Niagara 345kV Voltage	Ravenswood 3	7.4	327.8	330.2	2116
2095 >E	Somerset 345kV Voltage	SBK Princetown 345	10.3	327.8	338.1	1423
2095 >E	Buchanan South 345kV Voltage	SBK Edic R945	14.7	327.8	345.5	589
2095 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	14.7	327.8	345.5	589
2098 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	15.2	327.8	332.8	1863
2100 >E	Ladentown 345kV Voltage	SBK Marcy R3108	11.1	327.8	337.7	1864
2102 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	12.6	327.8	335.2	1865
2102 >E	Rainey 345kV Voltage	Pre-Fault	14.1	NA	338	2102
2102 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	15.5	327.8	332.8	1866
2103 >E	Farragut 345kV Voltage	Pre-Fault	14.6	NA	338	2103
2104 >E	Millwood 345kV Voltage	SBK Marcy R3108	13.5	327.8	333.9	1867
2106 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	7.7	327.8	328.3	1984
2107 >E	Niagara 345kV Voltage	Volney-Marcy	7.8	327.8	328.2	2068
2109 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	7.8	327.8	328.0	2073
2109 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	7.8	327.8	327.9	2078
2110 >E	Rock Tavern 345kV Voltage	SBK Edic R70	15.1	327.8	339.7	1721
2110 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	7.9	327.8	327.8	2110
2116 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	11.1	327.8	338.4	1876

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2122 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	11.1	327.8	338.5	1880
2122 >E	Gardenville 230kV Voltage	SBK Edic R945	13.7	207	230.8	601
2122 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	13.7	207	230.8	601
2134 >E	Roseton 345kV Voltage	SBK Edic R945	13.8	327.8	346.7	606
2134 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	13.8	327.8	346.7	606
2135 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	17.1	327.8	343.2	606
2135 >E	Millwood 345kV Voltage	SBK Edic R945	17.1	327.8	343.2	606
2138 >E	Roseton 345kV Voltage	SBK Marcy R3108	11.9	327.8	336.0	1893
2139 >E	Fraser 345kV Voltage	Marcy South N.	15.8	327.8	327.8	2599
2142 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	11.6	327.8	334.2	1724
2142 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	11.6	327.8	334.2	1724
2145 >E	Somerset 345kV Voltage	Marcy South N.	20.3	327.8	348.1	2602
2147 >E	Watercure 230kV Voltage	Pre-Fault	16.0	NA	215	2147
2149 >E	Gilboa 345kV Voltage	SBK Edic R70	13.5	327.8	329.4	1725
2150 >E	Niagara 230kV East Voltage	SBK Edic R70	23.3	218.5	227.9	1725
2150 >E	Niagara 230kV West Voltage	SBK Edic R70	23.3	218.5	227.9	1725
2155 >E	Leeds 345kV Voltage	Marcy South S.	12.0	327.8	339.7	2419
2156 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	20.6	327.8	341.0	616
2156 >E	Sprain Brook 345kV Voltage	SBK Edic R945	20.6	327.8	341.0	616
2162 >E	Dunwoodie 345kV Voltage	SBK Edic R945	21.0	327.8	340.8	618
2163 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	21.0	327.8	340.8	618
2173 >E	Goethals 345kV Voltage	Ravenswood 3	13.9	327.8	338.1	2181
2175 >E	Goethals 345kV Voltage	Pre-Fault	19.6	NA	338	2175
2187 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	19.1	327.8	338.0	2226
2188 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	14.2	327.8	332.2	1930
2205 >E	Watercure 230kV Voltage	Ravenswood 3	13.6	207	211.4	2206
2215 >E	Ramapo 345kV Voltage	Ph2 DC 1500	16.8	327.8	340.5	2239
2216 >E	Leeds 345kV Voltage	SBK Marcy R3108	12.6	327.8	327.8	1951
2218 >E	Niagara 345kV Voltage	SBK Edic R70	12.5	327.8	348.0	1733
2234 >E	Watercure 230kV Voltage	Volney-Marcy	14.8	207	209.5	2189
2236 >E	Somerset 345kV Voltage	Marcy South S.	17.3	327.8	331.1	2461
2238 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	13.8	327.8	328.4	2198
2239 >E	Gordon Rd 345kV Voltage	SBK Edic R945	14.3	327.8	307.3	652
2239 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	14.3	327.8	307.3	652
2243 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	14.0	327.8	328.0	2098
2243 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	14.3	327.8	328.4	2203
2245 >E	Rainey 345kV Voltage	Prinetown-N.Scot 345	14.1	327.8	327.9	2202
2246 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	14.1	327.8	327.8	2246
2249 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	14.5	327.8	328.0	2103

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2250 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	15.1	207	208.6	2104
2250 >E	Gardenville 230kV Voltage	SBK Marcy R3108	15.3	207	218.6	1977
2251 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	14.6	327.8	327.9	2207
2251 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	14.6	327.8	327.8	2251
2255 >E	Rainey 345kV Voltage	Volney-Marcy	14.4	327.8	327.2	2209
2261 >E	Farragut 345kV Voltage	Volney-Marcy	14.9	327.8	327.2	2214
2265 >E	Buchanan North 345kV Voltage	SBK Princetown 345	22.4	327.8	337.3	1476
2267 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	15.8	207	207.5	2223
2270 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	14.5	327.8	329.3	665
2270 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	14.5	327.8	329.3	665
2270 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	14.5	327.8	329.3	665
2270 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	14.5	327.8	329.3	665
2270 >E	Ladentown 345kV Voltage	Ph2 DC 1500	18.0	327.8	341.4	2263
2272 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	15.9	207	207.2	2230
2275 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	16.0	207	207.0	2275
2278 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	20.5	327.8	338.6	2266
2281 >E	Ramapo 345kV Voltage	SBK Princetown 345	19.2	327.8	340.2	1482
2289 >E	Millwood 345kV Voltage	Ph2 DC 1500	22.2	327.8	337.1	2271
2297 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	25.8	327.8	335.6	2274
2299 >E	Ramapo 500kV Voltage	Marcy South N.	68.2	500	504.7	2677
2301 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	26.1	327.8	335.5	2276
2305 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	18.3	327.8	342.5	2278
2312 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	18.2	327.8	342.7	2281
2318 >E	Pleasant Valley 345kV Voltage	Marcy South S.	21.5	327.8	331.3	2503
2326 >E	Buchanan North 345kV Voltage	SBK Edic R70	28.1	327.8	336.0	1744
2339 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	15.1	327.8	321.8	1500
2339 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	15.1	327.8	321.8	1500
2346 >E	Niagara 230kV East Voltage	SBK Princetown 345	36.7	218.5	225.0	1502
2346 >E	Niagara 230kV West Voltage	SBK Princetown 345	36.7	218.5	225.0	1502
2353 >E	Ramapo 345kV Voltage	SBK Edic R70	24.2	327.8	338.5	1747
2354 >E	Gardenville 230kV Voltage	SBK Edic R70	19.6	207	223.7	1747
2354 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	21.5	327.8	339.3	703
2354 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	21.5	327.8	339.3	703
2364 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	19.2	327.8	328.4	2316
2366 >E	Roseton 345kV Voltage	Ph2 DC 1500	20.3	327.8	339.9	2305
2372 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	19.4	327.8	328.0	2205
2373 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	21.7	327.8	337.3	2308
2374 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	19.5	327.8	327.9	2324
2375 >E	Ladentown 345kV Voltage	SBK Princetown 345	21.8	327.8	341.5	1511

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2375 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	19.6	327.8	327.8	2375
2377 >E	Ramapo 500kV Voltage	Marcy South S.	65.2	500	495.6	2533
2382 >E	Gardenville 230kV Voltage	Pre-Fault	31.6	NA	217	2382
2387 >E	Goethals 345kV Voltage	Volney-Marcy	20.0	327.8	327.2	2334
2424 >E	Buchanan South 345kV Voltage	SBK Princetown 345	26.8	327.8	338.7	1527
2431 >E	Bowline 1 345kV Voltage	SBK Princetown 345	22.7	327.8	343.1	1529
2435 >E	Bowline 2 345kV Voltage	SBK Princetown 345	22.4	327.8	343.2	1530
2440 >E	Niagara 345kV Voltage	SBK Princetown 345	19.3	327.8	341.4	1532
2442 >E	Gilboa 345kV Voltage	Marcy South N.	25.8	327.8	337.1	2747
2442 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	33.8	327.8	335.3	1532
2444 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	34.0	327.8	335.1	1533
2444 >E	Roseton 345kV Voltage	SBK Princetown 345	23.1	327.8	339.8	1533
2465 >E	Millwood 345kV Voltage	SBK Princetown 345	30.5	327.8	337.3	1540
2475 >E	Ladentown 345kV Voltage	SBK Edic R70	28.0	327.8	339.5	1761
2505 >E	Leeds 345kV Voltage	Ph2 DC 1500	22.7	327.8	327.8	2366
2528 >E	Buchanan South 345kV Voltage	SBK Edic R70	34.3	327.8	336.9	1766
2537 >E	Sprain Brook 345kV Voltage	SBK Edic R70	42.8	327.8	333.8	1767
2538 >E	Dunwoodie 345kV Voltage	SBK Edic R70	43.0	327.8	333.7	1767
2552 >E	Leeds 345kV Voltage	SBK Princetown 345	23.8	327.8	333.5	1567
2554 >E	Gardenville 230kV Voltage	Ravenswood 3	26.3	207	211.6	2483
2554 >E	Bowline 1 345kV Voltage	SBK Edic R70	29.5	327.8	340.9	1769
2555 >E	Roseton 345kV Voltage	SBK Edic R70	29.4	327.8	337.4	1769
2558 >E	Bowline 2 345kV Voltage	SBK Edic R70	29.1	327.8	340.9	1770
2563 >E	Gardenville 230kV Voltage	SBK Princetown 345	27.4	207	219.6	1570
2575 >E	Millwood 345kV Voltage	SBK Edic R70	39.2	327.8	335.5	1772
2631 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	31.0	327.8	335.4	1592
2646 >E	Millwood 345kV Voltage	Marcy South S.	38.0	327.8	316.9	2672
2651 >E	Dunwoodie 345kV Voltage	Marcy South S.	43.9	327.8	318.4	2674
2652 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	30.0	207	208.4	2439
2658 >E	Sprain Brook 345kV Voltage	Marcy South S.	43.9	327.8	318.0	2678
2664 >E	Gardenville 230kV Voltage	Volney-Marcy	30.5	207	208.1	2596
2671 >E	Watercure 230kV Voltage	SBK Marcy R3108	34.2	207	242.6	2294
2676 >E	Roseton 345kV Voltage	Marcy South S.	30.3	327.8	317.0	2687
2682 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	31.0	207	207.5	2616
2686 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	31.2	207	207.4	2617
2698 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	31.6	207	207.0	2698
2727 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	37.7	327.8	333.4	1788
2729 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	30.3	327.8	327.8	868
2729 >E	Leeds 345kV Voltage	SBK Edic R945	30.3	327.8	327.8	868
2730 >E	Leeds 345kV Voltage	SBK Edic R70	31.1	327.8	327.8	1788

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2777 >E	Niagara 230kV East Voltage	Marcy South N.	74.8	218.5	230.9	2910
2777 >E	Niagara 230kV West Voltage	Marcy South N.	74.8	218.5	230.9	2910
2800 >E	Niagara 345kV Voltage	Marcy South N.	38.8	327.8	350.9	2921
2817 >E	Gardenville 230kV Voltage	Marcy South N.	46.2	207	227.1	2929
2827 >E	Niagara 230kV East Voltage	Marcy South S.	70.8	218.5	220.9	2765
2827 >E	Niagara 230kV West Voltage	Marcy South S.	70.8	218.5	220.9	2765
2838 >E	Buchanan South 345kV Voltage	Marcy South S.	42.4	327.8	309.6	2771
2843 >E	Niagara 345kV Voltage	Marcy South S.	34.5	327.8	331.9	2773
2877 >E	Gardenville 230kV Voltage	Ph2 DC 1500	39.5	207	240.4	2528
2936 >E	Buchanan North 345kV Voltage	Marcy South S.	48.9	327.8	302.9	2821
2941 >E	Leeds 345kV Voltage	Marcy South N.	39.8	327.8	344.0	2990
2953 >E	Rock Tavern 345kV Voltage	Marcy South S.	35.2	327.8	268.4	2830
2986 >E	Coopers Corners 345kV Voltage	Marcy South N.	37.7	327.8	295.7	3011
3006 >E	Coopers Corners 345kV Voltage	Marcy South S.	28.5	327.8	140.4	2857
3281 >E	Rainey 345kV Voltage	SBK Marcy R3108	54.0	327.8	335.6	2754
3305 >E	Farragut 345kV Voltage	SBK Marcy R3108	56.0	327.8	335.4	2772
3407 >E	Ramapo 345kV Voltage	Marcy South S.	56.7	327.8	283.3	3064
3435 >E	Gardenville 230kV Voltage	Marcy South S.	61.8	207	214.7	3078
3442 >E	Ladentown 345kV Voltage	Marcy South S.	57.0	327.8	284.5	3082
3553 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	65.4	327.8	347.0	1230
3553 >E	Rainey 345kV Voltage	SBK Edic R945	65.4	327.8	347.0	1231
3575 >E	Farragut 345kV Voltage	SBK Edic R945	67.6	327.8	346.6	1240
3575 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	67.6	327.8	346.6	1240
3633 >E	Watercure 230kV Voltage	Marcy South S.	71.5	207	232.6	3180
3719 >E	Bowline 1 345kV Voltage	Marcy South S.	63.6	327.8	274.3	3224
3730 >E	Bowline 2 345kV Voltage	Marcy South S.	63.1	327.8	274.2	3230
3791 >E	Goethals 345kV Voltage	SBK Marcy R3108	75.6	327.8	335.4	3138
3865 >E	Pleasant Valley 345kV Voltage	Marcy South N.	82.9	327.8	337.5	3439
4008 >E	Rainey 345kV Voltage	Ph2 DC 1500	80.6	327.8	340.3	3023
4038 >E	Farragut 345kV Voltage	Ph2 DC 1500	83.4	327.8	340.1	3036
4136 >E	Goethals 345kV Voltage	SBK Edic R945	90.3	327.8	346.5	1487
4137 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	90.3	327.8	346.5	1487
4495 >E	Rock Tavern 345kV Voltage	Marcy South N.	90.9	327.8	312.0	3746
4647 >E	Buchanan North 345kV Voltage	Marcy South N.	128.7	327.8	326.8	3820
4688 >E	Rainey 345kV Voltage	SBK Princetown 345	105.4	327.8	340.2	2240
4723 >E	Goethals 345kV Voltage	Ph2 DC 1500	111.1	327.8	340.2	3335
4725 >E	Farragut 345kV Voltage	SBK Princetown 345	109.0	327.8	340.0	2251
4797 >E	Roseton 345kV Voltage	Marcy South N.	104.8	327.8	329.3	3893
5077 >E	Millwood 345kV Voltage	Marcy South N.	145.6	327.8	329.1	4029
5147 >E	Ramapo 345kV Voltage	Marcy South N.	125.0	327.8	325.1	4063
5207 >E	Buchanan South 345kV Voltage	Marcy South N.	140.8	327.8	328.4	4092

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5373 >E	Rainey 345kV Voltage	Marcy South S.	129.6	327.8	315.6	4076
5382 >E	Rainey 345kV Voltage	SBK Edic R70	133.5	327.8	336.8	2078
5388 >E	Sprain Brook 345kV Voltage	Marcy South N.	180.1	327.8	327.5	4180
5427 >E	Dunwoodie 345kV Voltage	Marcy South N.	182.9	327.8	327.4	4199
5430 >E	Farragut 345kV Voltage	SBK Edic R70	138.1	327.8	336.6	2083
5447 >E	Farragut 345kV Voltage	Marcy South S.	135.1	327.8	315.8	4115
5671 >E	Goethals 345kV Voltage	SBK Princetown 345	147.1	327.8	340.0	2549
5675 >E	Ladentown 345kV Voltage	Marcy South N.	140.0	327.8	326.5	4320
6280 >E	Bowline 1 345kV Voltage	Marcy South N.	154.0	327.8	326.5	4614
6327 >E	Bowline 2 345kV Voltage	Marcy South N.	153.3	327.8	326.6	4637
6633 >E	Goethals 345kV Voltage	Marcy South S.	182.8	327.8	316.1	4725
6653 >E	Goethals 345kV Voltage	SBK Edic R70	187.4	327.8	336.6	2216
6947 >E	Northport 138kV Voltage	SBK Marcy R3108	401.3	131.1	134.0	5516
8943 >E	Northport 138kV Voltage	SBK Edic R945	564.0	131.1	138.8	3603
8943 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	564.0	131.1	138.8	3603
10456 >E	Northport 138kV Voltage	Ph2 DC 1500	676.2	131.1	136.1	5842
14369 >E	Northport 138kV Voltage	SBK Princetown 345	982.5	131.1	137.0	5288
14456 >E	Northport 138kV Voltage	Marcy South S.	987.8	131.1	126.2	8756
16788 >E	Rainey 345kV Voltage	Marcy South N.	542.7	327.8	329.8	9728
16862 >E	Farragut 345kV Voltage	Marcy South N.	557.0	327.8	329.9	9763
17598 >E	Northport 138kV Voltage	SBK Edic R70	1241.1	131.1	135.2	3410
21747 >E	Goethals 345kV Voltage	Marcy South N.	753.6	327.8	330.9	12140
94378 >E	Northport 138kV Voltage	Marcy South N.	7258.7	131.1	130.0	47484
99998 >E	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

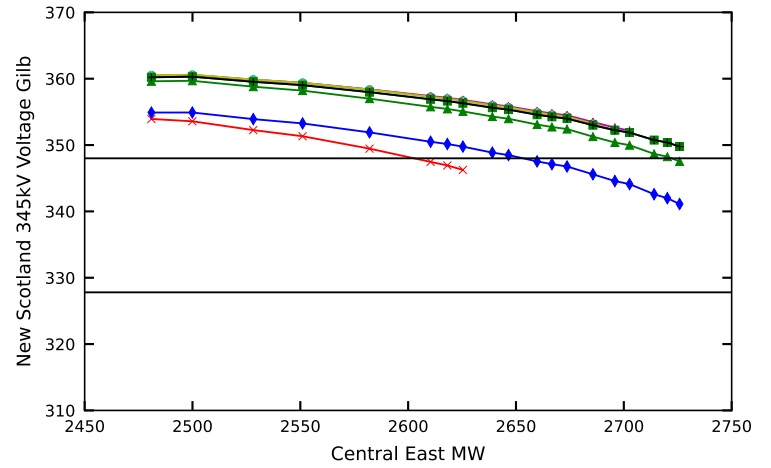
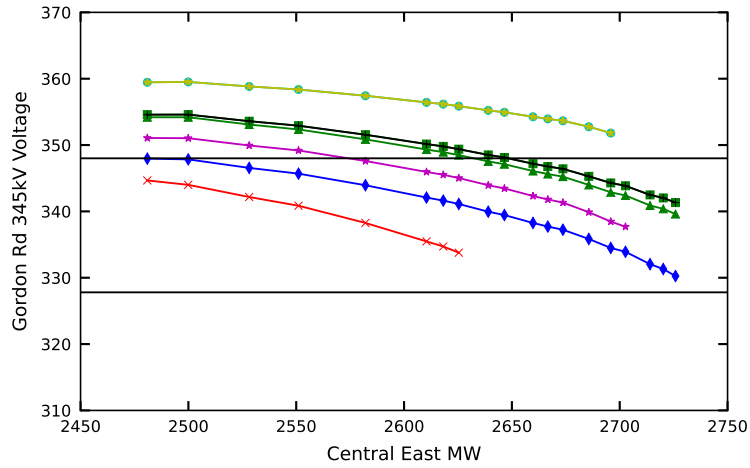
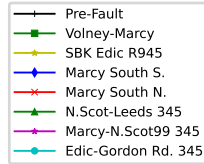
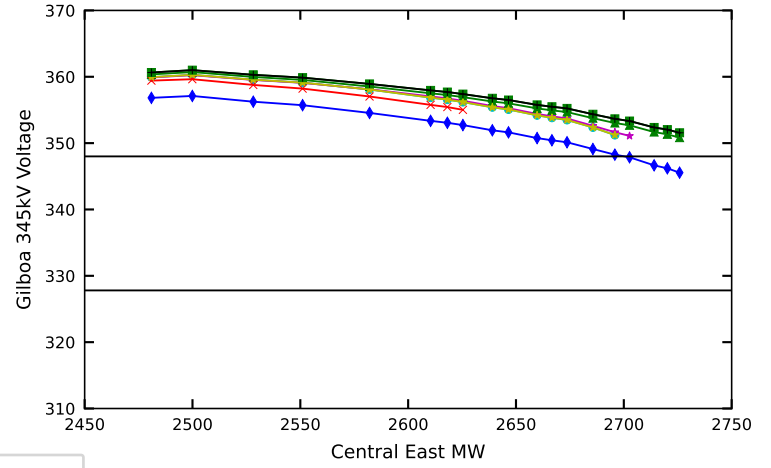
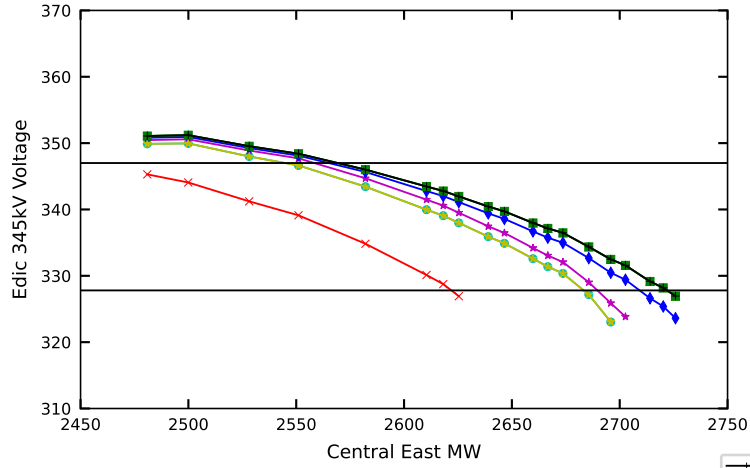
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1: 2023S CEVC PH2 CE1700 MS2270 DE1300 20 18_OS

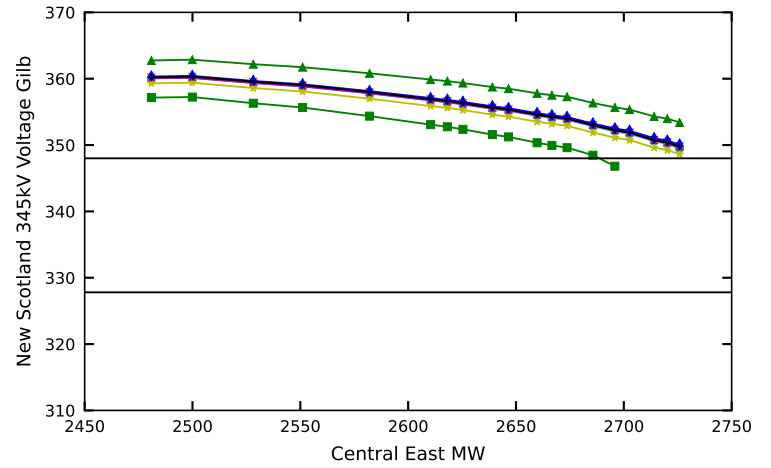
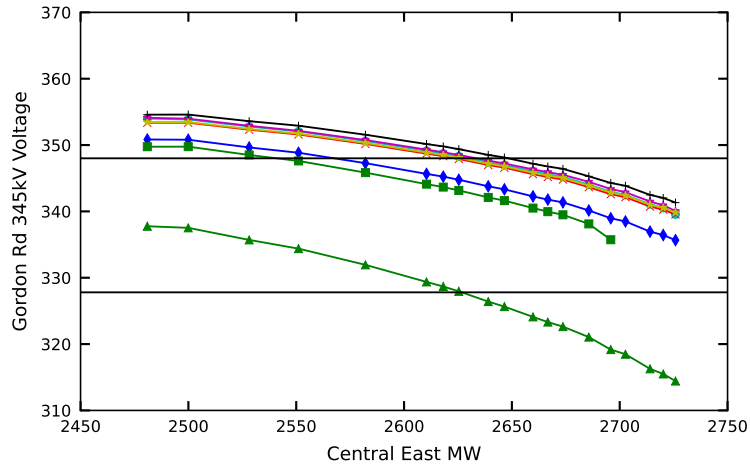
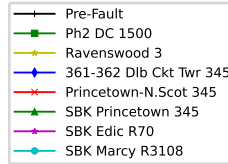
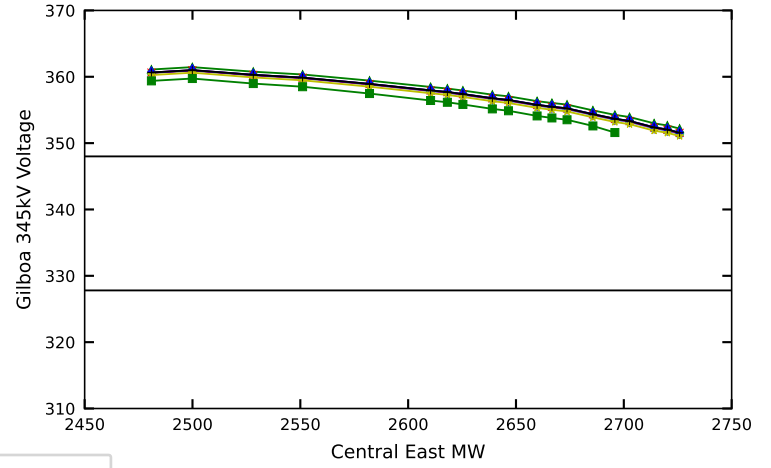
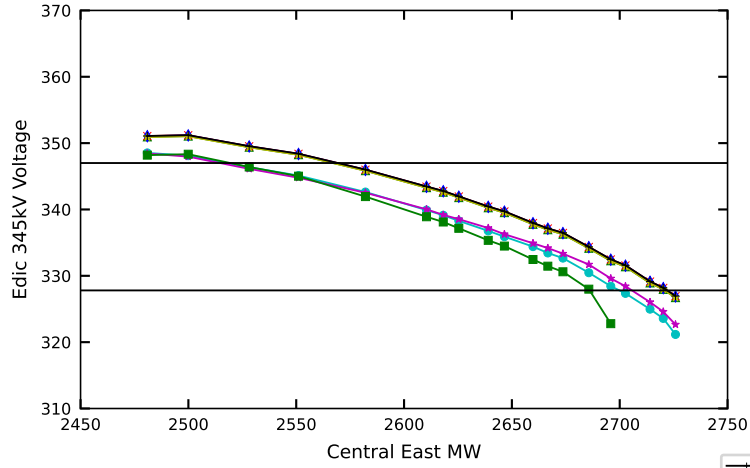
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

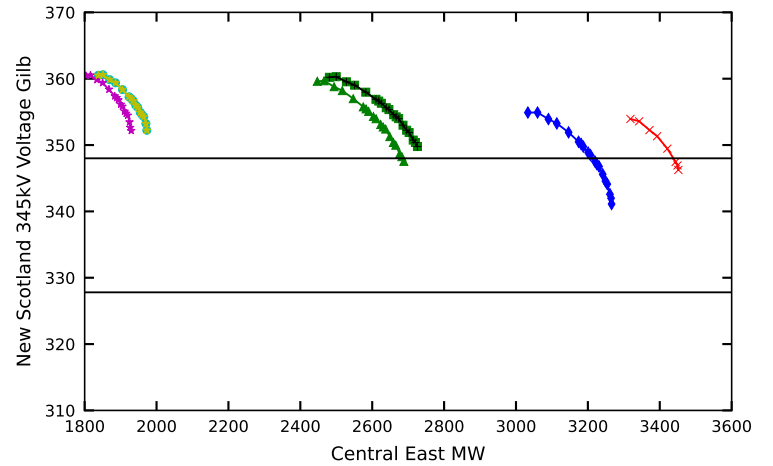
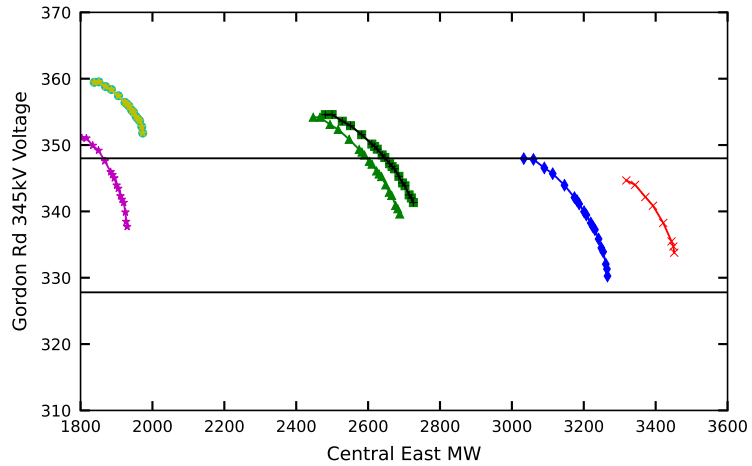
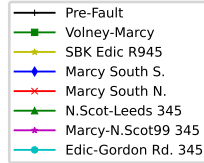
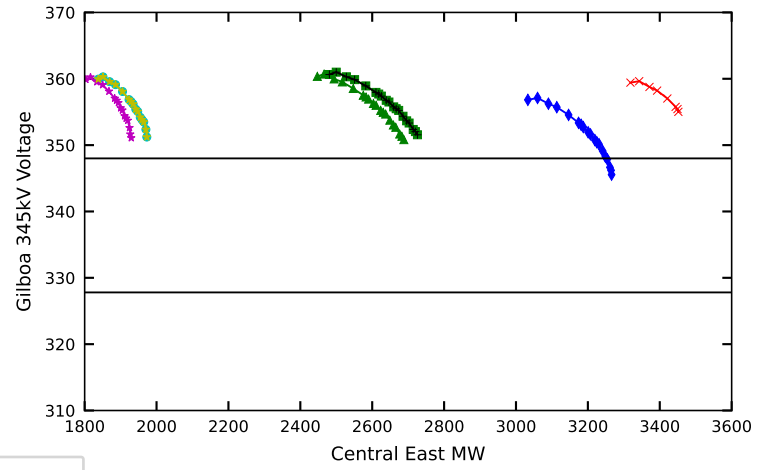
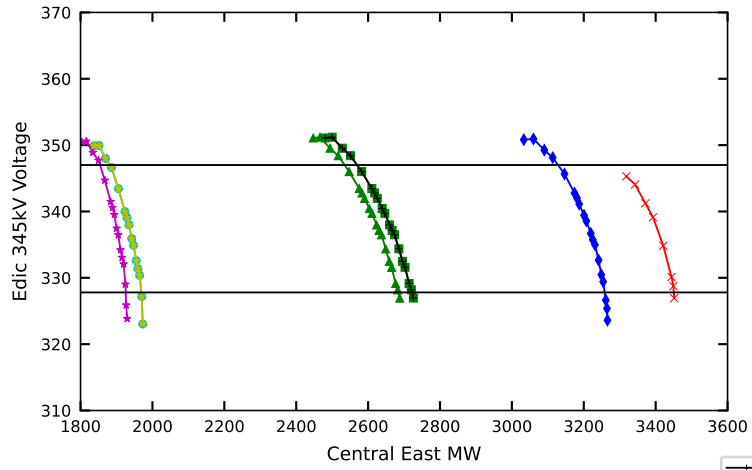
1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS Figure 1



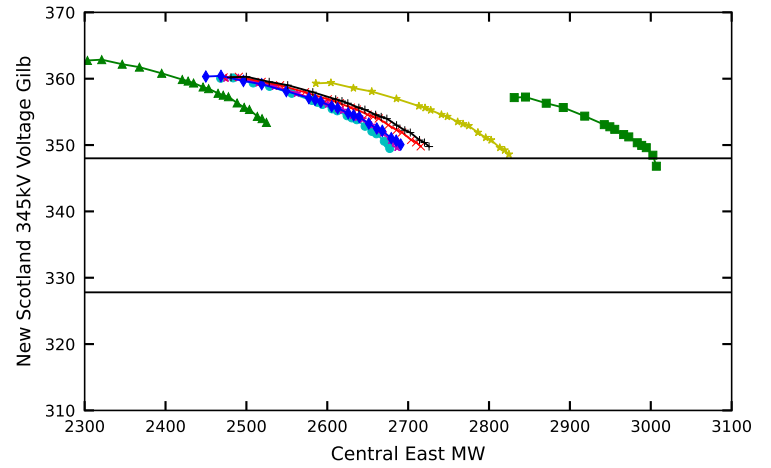
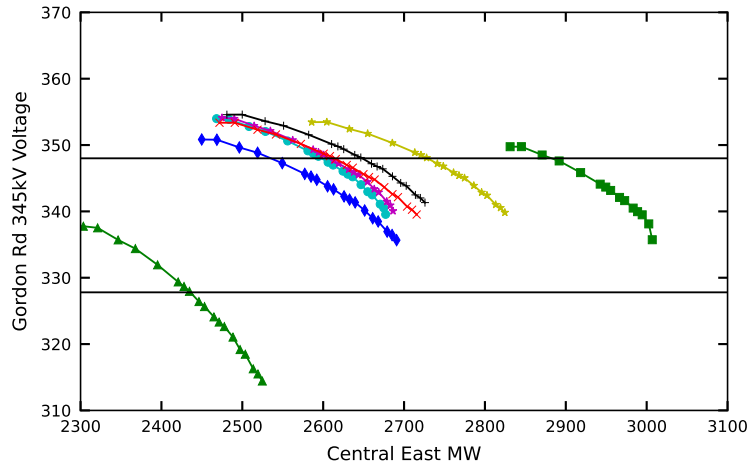
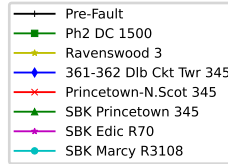
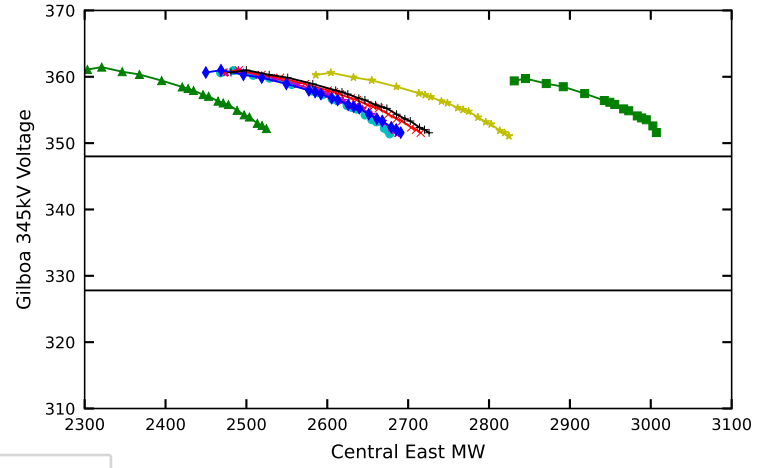
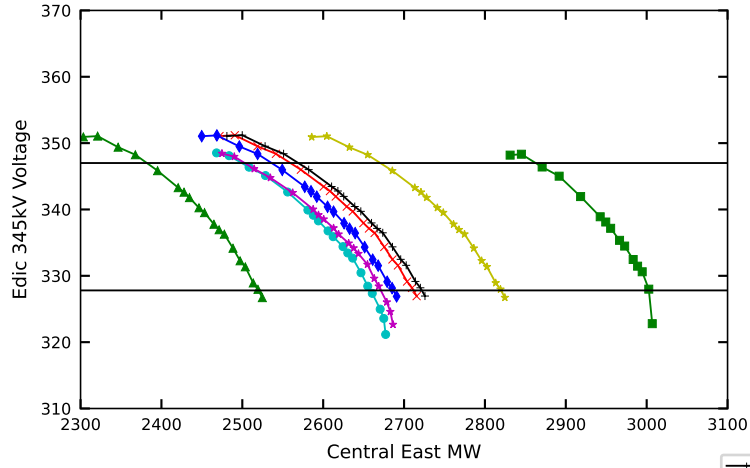
1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_05 Figure 2



1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS Figure 1



1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2480	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2499	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2528	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2551	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2582	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2610	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2618	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2625	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2639	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2646	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2659	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2666	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2673	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2685	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2695	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2702	t1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	1
	6															
2714	t1	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	7															
2720	t1	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	8															
2725	t1	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	9															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\19_OS\Sum2023_CEVC_PH2_20_19_OS.xlsx

1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17	t18	t19
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2494	limit with 5% margin	Marcy South N.	NA	NA	NA	3279
2530 >E	Dunwoodie 345kV Voltage	Pre-Fault	50.8	NA	348	2530
2536 >E	Sprain Brook 345kV Voltage	Pre-Fault	50.6	NA	348	2536
2559	Marcy 345kV Voltage	Pre-Fault	12.9	NA	348	2559
2561	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1874
2561	limit with 5% margin	SBK Edic R945	NA	NA	NA	1874
2561	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2856
2567	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1833
2569	Edic 345kV Voltage	Pre-Fault	13.0	NA	347	2569
2589	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2553
2589	limit with 5% margin	Marcy South S.	NA	NA	NA	3102
2589	limit with 5% margin	Volney-Marcy	NA	NA	NA	2589
2589	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2543
2589	limit with 5% margin	SBK Edic R70	NA	NA	NA	2552
2589	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2398
2589	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2579
2589	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2556
2589	limit with 5% margin	Ravenswood 3	NA	NA	NA	2683
2598	Pannell Road 345kV Voltage	Pre-Fault	14.9	NA	346	2598
2599	Station 80 345kV Voltage	Pre-Fault	14.2	NA	346	2599
2606	Clay 345kV Voltage	Pre-Fault	12.4	NA	345	2606
2621	Edic 345kV Voltage	Marcy South N.	3.9	327.8	342.4	3450
2623	Marcy 345kV Voltage	Marcy South N.	3.9	327.8	342.4	3451
2626	Gordon Rd 345kV Voltage	SBK Princetown 345	8.8	327.8	349.3	2435
2630 >E	Clay 345kV Voltage	Marcy South N.	4.5	327.8	342.9	3453
2648	Gordon Rd 345kV Voltage	Pre-Fault	14.1	NA	348	2648
2664 >E	Oakdale 345kV Voltage	Marcy South N.	5.1	320	342.5	3464
2671 >E	Gordon Rd 345kV Voltage	Marcy South N.	7.7	327.8	346.7	3467
2674 >E	Pannell Road 345kV Voltage	Marcy South N.	6.9	327.8	341.1	3468
2676	Millwood 345kV Voltage	Pre-Fault	44.0	NA	348	2676
2682	Marcy 345kV Voltage	SBK Edic R945	3.7	327.8	335.0	1969
2682	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.7	327.8	335.0	1969
2683	Edic 345kV Voltage	SBK Edic R945	3.8	327.8	334.8	1969
2683	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	334.8	1969
2686	Edic 345kV Voltage	Ph2 DC 1500	2.0	327.8	334.3	3002
2686	Marcy 345kV Voltage	Ph2 DC 1500	1.9	327.8	334.3	3003
2689	Edic 345kV Voltage	Marcy-N.Scot99 345	3.2	327.8	333.6	1925
2692	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.2	327.8	333.3	1926
2694	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	335.7	1972
2694	Clay 345kV Voltage	SBK Edic R945	2.8	327.8	335.7	1972

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2695 >E	Station 80 345kV Voltage	Marcy South N.	7.9	327.8	340.2	3475
2696 >E	Clay 345kV Voltage	Ph2 DC 1500	2.5	327.8	335.4	3007
2699	Edic 345kV Voltage	SBK Marcy R3108	6.3	327.8	332.0	2658
2701	Clay 345kV Voltage	Marcy-N.Scot99 345	3.2	327.8	334.6	1929
2705	Edic 345kV Voltage	SBK Edic R70	4.8	327.8	330.9	2671
2707	Oakdale 345kV Voltage	Pre-Fault	5.5	NA	335	2707
2709	Edic 345kV Voltage	Marcy South S.	4.1	327.8	330.2	3258
2711	Marcy 345kV Voltage	Marcy South S.	4.1	327.8	330.0	3259
2716 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.9	320	332.9	1978
2716 >E	Oakdale 345kV Voltage	SBK Edic R945	2.9	320	332.9	1978
2720	Edic 345kV Voltage	SBK Princetown 345	4.5	327.8	328.0	2520
2720	Edic 345kV Voltage	Ravenswood 3	4.5	327.8	328.0	2819
2721	Clay 345kV Voltage	SBK Marcy R3108	2.2	327.8	331.2	2675
2721	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	327.9	2686
2721	Edic 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	327.8	2684
2721	Edic 345kV Voltage	Princetown-N.Scot 345	4.6	327.8	327.8	2711
2721	Edic 345kV Voltage	Volney-Marcy	4.6	327.8	327.8	2721
2722	Marcy 345kV Voltage	Volney-Marcy	4.6	327.8	327.8	2722
2722	Marcy 345kV Voltage	SBK Marcy R3108	4.6	327.8	327.8	2676
2722	Marcy 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	327.8	2685
2722	Marcy 345kV Voltage	Ravenswood 3	4.6	327.8	327.8	2821
2722	Marcy 345kV Voltage	SBK Edic R70	4.6	327.8	327.8	2684
2722	Marcy 345kV Voltage	SBK Princetown 345	4.6	327.8	327.8	2521
2722	Marcy 345kV Voltage	Princetown-N.Scot 345	4.6	327.8	327.8	2712
2722	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	327.8	2687
2723	Clay 345kV Voltage	SBK Edic R70	3.0	327.8	330.6	2685
2724 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	4.0	327.8	336.5	3019
2725	Clay 345kV Voltage	Marcy South S.	3.2	327.8	330.2	3265
2725 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	336.4	1980
2725 >E	Pannell Road 345kV Voltage	SBK Edic R945	4.4	327.8	336.3	1980
2726 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	4.5	218.5	226.7	3019
2729 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	4.3	327.8	341.0	3021
2729 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.8	320	332.1	1940
2731 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.2	320	330.2	3021
2731 >E	Buchanan North 345kV Voltage	Pre-Fault	44.5	NA	346	2731
2732 >E	Clay 345kV Voltage	Ravenswood 3	4.3	327.8	328.6	2831
2733 >E	Clay 345kV Voltage	SBK Princetown 345	4.3	327.8	328.5	2531
2733 >E	St.Lawrence 230kV Voltage	Marcy South N.	10.2	218.5	224.2	3488
2736 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr	4.6	327.8	327.9	2700

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2736 >E	Clay 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	327.9	2698
2736 >E	Clay 345kV Voltage	Princetown-N.Scot 345	4.6	327.8	327.8	2726
2736 >E	Clay 345kV Voltage	Volney-Marcy	4.6	327.8	327.8	2736
2738 >E	Gordon Rd 345kV Voltage	Marcy South S.	5.4	327.8	339.7	3269
2739 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	5.3	327.8	335.6	1944
2740 >E	Station 80 345kV Voltage	Ph2 DC 1500	5.0	327.8	337.1	3025
2741 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	339.1	1984
2741 >E	Fraser 345kV Voltage	SBK Edic R945	3.7	327.8	339.0	1984
2742 >E	New Scotland 345kV Voltage Alps	Pre-Fault	9.4	NA	348	2742
2742 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	9.4	NA	348	2742
2745 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	336.7	1985
2745 >E	Fraser 345kV Voltage	Pre-Fault	6.2	NA	338	2745
2745 >E	Station 80 345kV Voltage	SBK Edic R945	5.5	327.8	336.7	1985
2745 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.3	327.8	333.0	2685
2751 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.8	320	325.2	2687
2751 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	340.6	1986
2752 >E	Coopers Corners 345kV Voltage	SBK Edic R945	5.4	327.8	340.6	1986
2755 >E	Pannell Road 345kV Voltage	SBK Edic R70	4.2	327.8	331.4	2703
2755 >E	Pannell Road 345kV Voltage	Marcy South S.	4.3	327.8	331.3	3273
2756 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	335.6	1951
2758 >E	Oakdale 345kV Voltage	SBK Edic R70	3.3	320	323.4	2705
2761 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.1	327.8	333.7	2691
2762 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.8	327.8	338.4	1953
2763 >E	Oakdale 345kV Voltage	Marcy South S.	3.4	320	322.2	3275
2765 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.9	320	321.6	2562
2766 >E	Oakdale 345kV Voltage	Ravenswood 3	3.9	320	321.5	2862
2768 >E	Gilboa 345kV Voltage	Pre-Fault	11.9	NA	348	2768
2769 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	8.5	218.5	224.0	1991
2770 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.6	218.5	224.0	1991
2770 >E	Pannell Road 345kV Voltage	Ravenswood 3	5.5	327.8	328.7	2866
2770 >E	Pannell Road 345kV Voltage	SBK Princetown 345	5.5	327.8	328.7	2567
2771 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	4.0	320	320.3	2735
2771 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	4.0	320	320.2	2732
2771 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	4.0	320	320.1	2761
2772 >E	Oakdale 345kV Voltage	Volney-Marcy	4.0	320	320.0	2772
2774 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	327.9	2739
2775 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	327.9	2735
2775 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	5.8	327.8	327.8	2765

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2775 >E	Station 80 345kV Voltage	SBK Edic R70	5.4	327.8	331.8	2715
2775 >E	Pannell Road 345kV Voltage	Volney-Marcy	5.8	327.8	327.8	2775
2776 >E	Station 80 345kV Voltage	Marcy South S.	5.5	327.8	331.6	3279
2779 >E	Coopers Corners 345kV Voltage	Pre-Fault	10.1	NA	338	2779
2782 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	340.6	1961
2783 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	7.4	327.8	334.1	2748
2786 >E	St.Lawrence 230kV Voltage	Pre-Fault	24.6	NA	225	2786
2789 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	8.8	327.8	338.4	1964
2790 >E	Rock Tavern 345kV Voltage	Pre-Fault	27.1	NA	348	2790
2794 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	5.9	327.8	332.8	2705
2796 >E	Station 80 345kV Voltage	Ravenswood 3	7.1	327.8	328.9	2892
2797 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	6.3	327.8	336.2	3049
2798 >E	Station 80 345kV Voltage	SBK Princetown 345	7.1	327.8	328.7	2593
2804 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	7.4	327.8	327.9	2768
2804 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	7.4	327.8	327.9	2764
2804 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	7.5	327.8	327.8	2794
2805 >E	Station 80 345kV Voltage	Volney-Marcy	7.5	327.8	327.8	2805
2806 >E	Pleasant Valley 345kV Voltage	Pre-Fault	33.0	NA	348	2806
2806 >E	Gordon Rd 345kV Voltage	SBK Edic R70	6.6	327.8	331.3	2733
2809 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	6.2	327.8	327.8	2768
2809 >E	Fraser 345kV Voltage	SBK Princetown 345	6.2	327.8	327.8	2603
2809 >E	Fraser 345kV Voltage	Ravenswood 3	6.2	327.8	327.8	2903
2809 >E	Fraser 345kV Voltage	Marcy South S.	6.2	327.8	327.8	3287
2809 >E	Fraser 345kV Voltage	Volney-Marcy	6.2	327.8	327.8	2809
2809 >E	Fraser 345kV Voltage	SBK Marcy R3108	6.2	327.8	327.8	2711
2809 >E	Fraser 345kV Voltage	SBK Edic R70	6.2	327.8	327.8	2734
2809 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	6.2	327.8	327.8	2798
2809 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	6.2	327.8	327.8	2773
2811 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	7.2	327.8	330.8	2770
2811 >E	New Scotland 345kV Voltage Alps	Marcy South S.	6.4	327.8	340.6	3288
2811 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	6.4	327.8	340.6	3288
2812 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	6.1	327.8	343.5	3056
2812 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	6.1	327.8	343.5	3056
2816 >E	Ramapo 500kV Voltage	Ph2 DC 1500	33.0	500	506.1	3057
2817 >E	Fraser 345kV Voltage	Ph2 DC 1500	7.0	327.8	328.4	3058
2818 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	7.9	327.8	329.9	2807
2821 >E	Gordon Rd 345kV Voltage	Ravenswood 3	7.9	327.8	329.5	2915
2824 >E	New Scotland 345kV Voltage Alps	Marcy South N.	10.8	327.8	347.3	3519

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2824 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	10.8	327.8	347.3	3519
2834 >E	Ramapo 500kV Voltage	Ravenswood 3	35.1	500	505.2	2928
2835 >E	Gordon Rd 345kV Voltage	Volney-Marcy	8.1	327.8	327.8	2835
2844 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	15.7	218.5	225.2	1986
2845 >E	Buchanan South 345kV Voltage	Pre-Fault	46.1	NA	346	2845
2850 >E	Coopers Corners 345kV Voltage	Ravenswood 3	9.7	327.8	331.0	2942
2866 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	16.9	218.5	221.7	2734
2867 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	9.9	327.8	329.3	2658
2875 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	10.0	327.8	328.4	2833
2878 >E	St.Lawrence 230kV Voltage	Marcy South S.	17.2	218.5	221.2	3306
2879 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	10.1	327.8	328.1	2842
2880 >E	Gilboa 345kV Voltage	Marcy South S.	8.7	327.8	338.6	3306
2881 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	10.1	327.8	327.9	2870
2881 >E	Somerset 345kV Voltage	Ph2 DC 1500	9.2	327.8	342.5	3085
2881 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	28.7	500	504.9	2019
2881 >E	St.Lawrence 230kV Voltage	SBK Edic R70	18.9	218.5	221.1	2776
2882 >E	Coopers Corners 345kV Voltage	Volney-Marcy	10.1	327.8	327.8	2882
2882 >E	Ramapo 500kV Voltage	SBK Edic R945	28.8	500	504.8	2018
2884 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	8.0	327.8	332.9	2841
2884 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	8.0	327.8	332.9	2841
2893 >E	Somerset 345kV Voltage	SBK Marcy R3108	7.9	327.8	338.4	2745
2898 >E	Somerset 345kV Voltage	Pre-Fault	14.3	NA	338	2898
2900 >E	Coopers Corners 345kV Voltage	SBK Edic R70	10.7	327.8	326.0	2787
2900 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	10.7	327.8	326.0	2748
2902 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	8.1	327.8	330.9	2749
2902 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	8.1	327.8	330.9	2749
2903 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	8.9	327.8	339.5	2024
2905 >E	Gilboa 345kV Voltage	SBK Edic R945	8.9	327.8	339.4	2024
2905 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	10.0	327.8	341.4	2024
2906 >E	Somerset 345kV Voltage	Marcy South N.	14.5	327.8	342.9	3547
2906 >E	Fraser 345kV Voltage	Marcy South N.	11.2	327.8	327.8	3547
2907 >E	Somerset 345kV Voltage	SBK Edic R945	10.1	327.8	341.3	2024
2915 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	8.7	327.8	329.6	2795
2915 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	8.7	327.8	329.6	2795
2918 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	9.2	327.8	329.3	3007
2918 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	9.2	327.8	329.3	3007
2921 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	34.6	500	504.9	2018
2922 >E	Ramapo 345kV Voltage	Pre-Fault	42.3	NA	346	2922
2931 >E	St.Lawrence 230kV Voltage	Ravenswood 3	24.0	218.5	219.1	3020
2931 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	9.4	327.8	327.8	2931

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2931 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	9.4	327.8	327.8	2931
2932 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	9.4	327.8	327.7	2922
2932 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	9.4	327.8	327.7	2922
2933 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	11.1	327.8	340.0	2022
2936 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	9.5	327.8	327.3	2899
2936 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	9.5	327.8	327.3	2899
2939 >E	Gilboa 345kV Voltage	Ph2 DC 1500	10.2	327.8	337.1	3109
2946 >E	St.Lawrence 230kV Voltage	Volney-Marcy	24.6	218.5	218.5	2946
2946 >E	Somerset 345kV Voltage	Marcy South S.	10.3	327.8	334.7	3323
2946 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	10.3	327.8	333.5	2035
2946 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	10.3	327.8	333.5	2035
2946 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	24.6	218.5	218.5	2935
2946 >E	Somerset 345kV Voltage	SBK Edic R70	10.2	327.8	334.6	2814
2946 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	24.6	218.5	218.5	2909
2947 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	24.6	218.5	218.5	2902
2947 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	10.3	327.8	333.5	2034
2947 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	10.3	327.8	333.5	2034
2950 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	24.7	218.5	218.3	2737
2951 >E	Leeds 345kV Voltage	Pre-Fault	20.2	NA	345	2951
2953 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	10.7	327.8	319.0	2036
2954 >E	Gordon Rd 345kV Voltage	SBK Edic R945	10.8	327.8	318.9	2036
2961 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	12.2	207	227.4	2038
2963 >E	Watercure 230kV Voltage	SBK Edic R945	12.3	207	227.4	2038
2975 >E	Watercure 230kV Voltage	Marcy South N.	19.9	207	229.0	3570
2979 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	9.9	327.8	322.7	2765
2979 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	9.9	327.8	322.7	2765
2982 >E	Ladentown 345kV Voltage	Pre-Fault	42.9	NA	346	2982
2984 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	11.3	327.8	329.8	2938
2986 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	12.2	327.8	339.5	2044
2991 >E	Gilboa 345kV Voltage	SBK Marcy R3108	11.3	327.8	329.2	2786
2998 >E	Gilboa 345kV Voltage	SBK Edic R70	11.5	327.8	328.6	2843
2999 >E	Ramapo 500kV Voltage	Marcy South N.	42.4	500	501.9	3578
3000 >E	Gilboa 345kV Voltage	Ravenswood 3	11.8	327.8	328.5	3085
3008 >E	Gilboa 345kV Voltage	Volney-Marcy	11.9	327.8	327.8	3008
3008 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	11.9	327.8	327.8	2997
3009 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	11.9	327.8	327.7	2971
3013 >E	Watercure 230kV Voltage	Ph2 DC 1500	14.3	207	226.5	3141

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3016 >E	Roseton 345kV Voltage	Pre-Fault	36.4	NA	345	3016
3019 >E	Somerset 345kV Voltage	Ravenswood 3	13.6	327.8	329.6	3103
3019 >E	Gilboa 345kV Voltage	SBK Princetown 345	12.0	327.8	326.9	2802
3021 >E	Somerset 345kV Voltage	SBK Princetown 345	13.4	327.8	329.5	2804
3022 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	15.3	327.8	339.1	2054
3024 >E	Rock Tavern 345kV Voltage	SBK Edic R945	15.4	327.8	339.1	2053
3025 >E	Leeds 345kV Voltage	Marcy South S.	12.1	327.8	341.3	3344
3034 >E	Ramapo 500kV Voltage	SBK Marcy R3108	39.9	500	500.5	2803
3036 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	41.1	500	500.4	2989
3037 >E	Ramapo 500kV Voltage	SBK Princetown 345	41.5	500	500.4	2819
3039 >E	Dunwoodie 345kV Voltage	Marcy South N.	22.6	327.8	328.1	3592
3041 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	14.2	327.8	328.0	3003
3042 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	14.2	327.8	328.0	2994
3044 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	14.3	327.8	327.9	3033
3044 >E	Ramapo 500kV Voltage	SBK Edic R70	41.2	500	500.3	2870
3045 >E	Somerset 345kV Voltage	Volney-Marcy	14.3	327.8	327.8	3045
3051 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	42.4	500	500.1	3013
3054 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	42.6	500	500.0	3043
3055 >E	Ramapo 500kV Voltage	Pre-Fault	42.7	NA	500	3055
3055 >E	Ramapo 500kV Voltage	Volney-Marcy	42.7	500	500.0	3055
3061 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	14.7	327.8	333.3	2074
3061 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	14.7	327.8	333.3	2074
3067 >E	Sprain Brook 345kV Voltage	Marcy South N.	23.9	327.8	328.2	3602
3070 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	16.2	327.8	337.4	3165
3078 >E	Niagara 230kV East Voltage	Ph2 DC 1500	31.1	218.5	227.6	3168
3078 >E	Niagara 230kV West Voltage	Ph2 DC 1500	31.1	218.5	227.6	3168
3093 >E	Bowline 1 345kV Voltage	Pre-Fault	42.8	NA	345	3093
3094 >E	Gilboa 345kV Voltage	Marcy South N.	17.2	327.8	337.4	3611
3095 >E	Ramapo 500kV Voltage	Marcy South S.	46.6	500	499.1	3362
3112 >E	Bowline 2 345kV Voltage	Pre-Fault	42.7	NA	345	3112
3115 >E	Niagara 230kV East Voltage	Pre-Fault	58.2	NA	225	3115
3115 >E	Niagara 230kV West Voltage	Pre-Fault	58.2	NA	225	3115
3119 >E	Niagara 230kV East Voltage	SBK Marcy R3108	30.3	218.5	224.9	2838
3119 >E	Niagara 230kV West Voltage	SBK Marcy R3108	30.3	218.5	224.9	2838
3144 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	35.4	218.5	226.8	2084
3144 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	35.4	218.5	226.8	2084
3148 >E	Niagara 230kV East Voltage	SBK Edic R945	35.7	218.5	226.8	2084
3148 >E	Niagara 230kV West Voltage	SBK Edic R945	35.7	218.5	226.8	2084
3169 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	20.4	327.8	337.8	3207

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3170 >E	Niagara 345kV Voltage	Ph2 DC 1500	16.8	327.8	347.0	3207
3172 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	26.6	327.8	336.2	3208
3175 >E	Niagara 345kV Voltage	SBK Marcy R3108	15.3	327.8	341.9	2861
3178 >E	Dunwoodie 345kV Voltage	Ravenswood 3	44.5	327.8	335.6	3255
3180 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	22.4	327.8	340.1	2122
3184 >E	Sprain Brook 345kV Voltage	Ravenswood 3	44.6	327.8	335.6	3261
3190 >E	Rock Tavern 345kV Voltage	Ravenswood 3	23.9	327.8	333.2	3267
3208 >E	Millwood 345kV Voltage	Ph2 DC 1500	26.1	327.8	335.9	3223
3209 >E	Buchanan North 345kV Voltage	Ravenswood 3	37.0	327.8	335.3	3285
3210 >E	Coopers Corners 345kV Voltage	Marcy South N.	18.1	327.8	309.9	3650
3212 >E	Millwood 345kV Voltage	Marcy South N.	27.8	327.8	328.8	3651
3214 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	40.4	218.5	226.5	2136
3214 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	40.4	218.5	226.5	2136
3215 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	30.3	327.8	334.6	3226
3216 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	30.4	327.8	334.5	3227
3221 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	29.0	327.8	335.1	2103
3223 >E	Buchanan North 345kV Voltage	SBK Edic R945	29.1	327.8	335.0	2102
3227 >E	Pleasant Valley 345kV Voltage	Marcy South S.	25.5	327.8	335.3	3397
3229 >E	Niagara 230kV East Voltage	Marcy South S.	38.9	218.5	223.0	3398
3229 >E	Niagara 230kV West Voltage	Marcy South S.	38.9	218.5	223.0	3398
3234 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	25.7	327.8	336.8	3234
3236 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	18.6	327.8	345.4	2107
3241 >E	Niagara 345kV Voltage	SBK Edic R945	18.8	327.8	345.3	2107
3242 >E	Niagara 230kV East Voltage	SBK Edic R70	39.6	218.5	222.8	2985
3242 >E	Niagara 230kV West Voltage	SBK Edic R70	39.6	218.5	222.8	2985
3265 >E	Leeds 345kV Voltage	Ph2 DC 1500	19.3	327.8	335.4	3248
3267 >E	Ramapo 345kV Voltage	Ph2 DC 1500	25.6	327.8	338.0	3248
3268 >E	Watercure 230kV Voltage	SBK Marcy R3108	22.2	207	231.2	2899
3271 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	25.8	327.8	337.9	2115
3274 >E	Ramapo 345kV Voltage	SBK Edic R945	25.9	327.8	337.8	2115
3277 >E	Millwood 345kV Voltage	Ravenswood 3	41.1	327.8	335.5	3350
3285 >E	Niagara 345kV Voltage	Pre-Fault	28.4	NA	338	3285
3298 >E	Leeds 345kV Voltage	SBK Edic R70	20.2	327.8	327.8	3017
3298 >E	Leeds 345kV Voltage	Volney-Marcy	20.2	327.8	327.8	3298
3298 >E	Leeds 345kV Voltage	SBK Marcy R3108	20.2	327.8	327.8	2911
3298 >E	Leeds 345kV Voltage	SBK Princetown 345	20.2	327.8	327.8	3067
3298 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	20.2	327.8	327.8	3286
3298 >E	Leeds 345kV Voltage	361-362 D1b Ckt Twr 345	20.2	327.8	327.8	3258
3298 >E	Leeds 345kV Voltage	Ravenswood 3	20.2	327.8	327.8	3369
3298 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	20.2	327.8	327.8	3242

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3299 >E	Ladentown 345kV Voltage	Ph2 DC 1500	25.4	327.8	338.5	3262
3302 >E	Roseton 345kV Voltage	Ph2 DC 1500	23.6	327.8	338.0	3263
3307 >E	Niagara 345kV Voltage	Marcy South S.	19.8	327.8	337.2	3418
3311 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	21.0	327.8	344.4	2174
3314 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	26.3	327.8	328.6	3257
3315 >E	Niagara 345kV Voltage	SBK Edic R70	19.9	327.8	336.9	3027
3320 >E	Buchanan North 345kV Voltage	Marcy South N.	32.8	327.8	327.2	3688
3320 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	26.6	327.8	328.4	3088
3322 >E	Buchanan South 345kV Voltage	Ravenswood 3	38.8	327.8	335.6	3392
3322 >E	Leeds 345kV Voltage	Marcy South N.	23.5	327.8	341.8	3689
3333 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	26.9	327.8	328.0	3292
3333 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	30.3	327.8	334.5	2131
3334 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	26.8	327.8	337.7	2131
3335 >E	Buchanan South 345kV Voltage	SBK Edic R945	30.4	327.8	334.5	2130
3336 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	27.0	327.8	327.8	3324
3336 >E	Ladentown 345kV Voltage	SBK Edic R945	26.9	327.8	337.6	2130
3337 >E	Rock Tavern 345kV Voltage	Volney-Marcy	27.1	327.8	327.8	3337
3338 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	32.6	327.8	332.9	2132
3338 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	25.3	327.8	339.1	3279
3339 >E	Millwood 345kV Voltage	SBK Edic R945	32.7	327.8	332.9	2131
3341 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	31.3	327.8	331.8	3410
3346 >E	Pleasant Valley 345kV Voltage	Marcy South N.	30.7	327.8	334.5	3697
3347 >E	Buchanan South 345kV Voltage	Marcy South N.	31.3	327.8	328.4	3697
3350 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	25.3	327.8	339.3	3283
3351 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	38.4	327.8	331.9	2135
3353 >E	Sprain Brook 345kV Voltage	SBK Edic R945	38.5	327.8	331.9	2134
3355 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	38.8	327.8	331.8	2136
3356 >E	Dunwoodie 345kV Voltage	SBK Edic R945	38.9	327.8	331.7	2135
3359 >E	Gardenville 230kV Voltage	Ph2 DC 1500	26.1	207	224.6	3287
3372 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	26.6	327.8	338.3	2140
3375 >E	Bowline 1 345kV Voltage	SBK Edic R945	26.7	327.8	338.3	2140
3380 >E	Ramapo 345kV Voltage	Ravenswood 3	35.1	327.8	335.2	3448
3381 >E	Rock Tavern 345kV Voltage	SBK Edic R70	28.6	327.8	326.2	3065
3382 >E	Niagara 345kV Voltage	Marcy South N.	28.5	327.8	346.3	3709
3382 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	28.6	327.8	326.1	2945
3385 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	26.6	327.8	338.5	2143
3387 >E	Bowline 2 345kV Voltage	SBK Edic R945	26.7	327.8	338.4	2143
3404 >E	Niagara 230kV East Voltage	SBK Princetown 345	51.7	218.5	220.0	3167
3404 >E	Niagara 230kV West Voltage	SBK Princetown 345	51.7	218.5	220.0	3167
3404 >E	Niagara 230kV East Voltage	Marcy South N.	56.9	218.5	229.1	3717

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3404 >E	Niagara 230kV West Voltage	Marcy South N.	56.9	218.5	229.1	3717
3405 >E	Niagara 230kV East Voltage	Ravenswood 3	52.6	218.5	220.0	3471
3405 >E	Niagara 230kV West Voltage	Ravenswood 3	52.6	218.5	220.0	3471
3408 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	27.9	327.8	335.3	2149
3410 >E	Roseton 345kV Voltage	SBK Edic R945	28.0	327.8	335.2	2148
3411 >E	Gardenville 230kV Voltage	SBK Marcy R3108	26.6	207	219.3	2957
3417 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	30.9	327.8	329.5	3357
3418 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	30.0	327.8	330.7	2152
3420 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	30.0	327.8	330.6	2151
3421 >E	Ladentown 345kV Voltage	Ravenswood 3	35.6	327.8	335.8	3487
3437 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	29.8	207	223.6	2156
3443 >E	Gardenville 230kV Voltage	SBK Edic R945	30.0	207	223.6	2157
3449 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	41.2	327.8	335.9	2230
3461 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	25.9	327.8	327.8	2162
3461 >E	Leeds 345kV Voltage	SBK Edic R945	25.9	327.8	327.8	2161
3473 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	33.0	327.8	327.8	3473
3475 >E	Bowline 1 345kV Voltage	Ravenswood 3	35.4	327.8	336.1	3538
3475 >E	Pleasant Valley 345kV Voltage	Princeton-N.Scot 345	33.1	327.8	327.8	3463
3478 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	33.1	327.8	327.7	3436
3478 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	57.1	218.5	218.8	3437
3478 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	57.1	218.5	218.8	3437
3479 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	33.1	327.8	327.6	2985
3479 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	57.2	218.5	218.7	3418
3479 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	57.2	218.5	218.7	3418
3481 >E	Roseton 345kV Voltage	Ravenswood 3	33.5	327.8	332.2	3544
3485 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	33.4	327.8	327.4	3125
3489 >E	Niagara 230kV East Voltage	Princeton-N.Scot 345	57.9	218.5	218.6	3477
3489 >E	Niagara 230kV West Voltage	Princeton-N.Scot 345	57.9	218.5	218.6	3477
3491 >E	Bowline 2 345kV Voltage	Ravenswood 3	35.4	327.8	336.2	3553
3493 >E	Niagara 230kV East Voltage	Volney-Marcy	58.2	218.5	218.5	3493
3493 >E	Niagara 230kV West Voltage	Volney-Marcy	58.2	218.5	218.5	3493
3499 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	42.5	327.8	328.7	3437
3500 >E	Niagara 345kV Voltage	SBK Princeton 345	26.0	327.8	330.4	3259
3503 >E	Niagara 345kV Voltage	Ravenswood 3	26.5	327.8	330.4	3565
3510 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	36.2	327.8	338.9	2255
3512 >E	Pleasant Valley 345kV Voltage	SBK Princeton 345	33.8	327.8	326.6	3269
3519 >E	Rock Tavern 345kV Voltage	Marcy South N.	30.7	327.8	320.8	3755
3527 >E	Gardenville 230kV Voltage	Pre-Fault	49.7	NA	217	3527

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3539 >E	Buchanan North 345kV Voltage	SBK Princetown 345	44.2	327.8	327.9	3295
3539 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	44.4	327.8	327.9	3497
3540 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	50.0	327.8	328.8	3476
3541 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	44.5	327.8	327.8	3528
3541 >E	Buchanan North 345kV Voltage	Volney-Marcy	44.5	327.8	327.8	3541
3550 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	50.3	327.8	328.8	3485
3564 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	28.1	327.8	328.2	3521
3565 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	28.1	327.8	328.2	3500
3570 >E	Gardenville 230kV Voltage	Marcy South S.	33.3	207	216.1	3487
3572 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	28.3	327.8	327.9	3560
3575 >E	Niagara 345kV Voltage	Volney-Marcy	28.4	327.8	327.8	3575
3577 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	46.1	327.8	327.0	3025
3579 >E	Buchanan North 345kV Voltage	SBK Edic R70	46.1	327.8	327.0	3179
3590 >E	Dunwoodie 345kV Voltage	Volney-Marcy	52.7	327.8	327.8	3590
3591 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	52.8	327.8	327.8	3579
3591 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	45.6	327.8	329.0	3526
3592 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	52.8	327.8	327.8	3550
3601 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	34.9	327.8	328.9	3535
3601 >E	Sprain Brook 345kV Voltage	Volney-Marcy	53.0	327.8	327.8	3601
3601 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	53.1	327.8	327.8	3589
3603 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	53.1	327.8	327.8	3560
3606 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	37.9	327.8	338.8	2293
3613 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	53.2	327.8	327.4	3366
3617 >E	Gardenville 230kV Voltage	SBK Edic R70	34.5	207	215.2	3201
3622 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	36.9	207	223.5	2300
3624 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	53.5	327.8	327.4	3375
3627 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	43.7	327.8	329.0	3560
3635 >E	Roseton 345kV Voltage	Marcy South N.	36.5	327.8	329.9	3795
3640 >E	Dunwoodie 345kV Voltage	SBK Edic R70	55.3	327.8	326.9	3215
3641 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	36.3	327.8	327.8	3598
3641 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	36.4	327.8	327.8	3629
3641 >E	Roseton 345kV Voltage	Volney-Marcy	36.4	327.8	327.8	3641
3644 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	44.6	327.8	335.6	2309
3649 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	55.8	327.8	326.7	3054
3649 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	40.7	327.8	328.8	3582
3650 >E	Roseton 345kV Voltage	SBK Princetown 345	36.4	327.8	327.6	3401

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3651 >E	Millwood 345kV Voltage	Volney-Marcy	48.4	327.8	327.8	3651
3651 >E	Sprain Brook 345kV Voltage	SBK Edic R70	55.6	327.8	326.9	3221
3651 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	48.4	327.8	327.8	3639
3653 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	48.4	327.8	327.8	3609
3659 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	56.1	327.8	326.7	3059
3661 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	37.6	327.8	339.5	2316
3674 >E	Millwood 345kV Voltage	SBK Princetown 345	48.7	327.8	327.3	3423
3676 >E	Roseton 345kV Voltage	SBK Edic R70	37.5	327.8	326.8	3236
3677 >E	Roseton 345kV Voltage	SBK Marcy R3108	37.6	327.8	326.8	3066
3679 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	37.7	327.8	339.7	2323
3680 >E	Ramapo 345kV Voltage	SBK Princetown 345	41.8	327.8	328.1	3429
3683 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	49.5	327.8	333.9	2325
3683 >E	Buchanan South 345kV Voltage	Volney-Marcy	46.1	327.8	327.8	3683
3683 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	46.0	327.8	327.8	3640
3683 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	46.1	327.8	327.8	3671
3689 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	42.2	327.8	327.9	3645
3691 >E	Gardenville 230kV Voltage	Marcy South N.	43.3	207	225.6	3814
3692 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	42.3	327.8	327.8	3679
3693 >E	Ramapo 345kV Voltage	Volney-Marcy	42.3	327.8	327.8	3693
3695 >E	Buchanan South 345kV Voltage	SBK Princetown 345	46.1	327.8	327.5	3443
3699 >E	Millwood 345kV Voltage	SBK Edic R70	50.5	327.8	326.8	3249
3704 >E	Millwood 345kV Voltage	SBK Marcy R3108	50.8	327.8	326.7	3077
3710 >E	Roseton 345kV Voltage	Marcy South S.	38.2	327.8	325.9	3524
3711 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	41.0	327.8	329.0	3642
3716 >E	Dunwoodie 345kV Voltage	Marcy South S.	58.9	327.8	325.4	3526
3730 >E	Buchanan South 345kV Voltage	SBK Edic R70	48.0	327.8	326.8	3267
3731 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	59.9	327.8	332.8	2344
3732 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	48.1	327.8	326.7	3089
3738 >E	Ramapo 345kV Voltage	SBK Marcy R3108	44.0	327.8	326.7	3091
3740 >E	Sprain Brook 345kV Voltage	Marcy South S.	59.7	327.8	325.2	3532
3741 >E	Ramapo 345kV Voltage	SBK Edic R70	44.1	327.8	326.7	3273
3741 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	46.8	207	262.5	2348
3742 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	60.9	327.8	332.6	2348
3755 >E	Ladentown 345kV Voltage	SBK Princetown 345	42.5	327.8	328.0	3499
3759 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	42.7	327.8	327.9	3714
3761 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	42.9	327.8	327.8	3749
3762 >E	Ladentown 345kV Voltage	Volney-Marcy	42.9	327.8	327.8	3762

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3764 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	41.5	327.8	336.3	2357
3768 >E	Ramapo 345kV Voltage	Marcy South N.	43.8	327.8	326.0	3840
3775 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	40.9	327.8	329.1	3703
3778 >E	Watercure 230kV Voltage	SBK Edic R70	42.6	207	230.2	3294
3778 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	44.5	327.8	331.1	2363
3789 >E	Millwood 345kV Voltage	Marcy South S.	54.6	327.8	324.9	3545
3790 >E	Ladentown 345kV Voltage	Marcy South N.	43.1	327.8	327.1	3848
3793 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	40.9	327.8	329.1	3721
3809 >E	Ladentown 345kV Voltage	SBK Marcy R3108	44.5	327.8	326.7	3120
3811 >E	Ladentown 345kV Voltage	SBK Edic R70	44.6	327.8	326.7	3314
3820 >E	Bowline 1 345kV Voltage	SBK Princetown 345	42.4	327.8	328.0	3561
3825 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	42.6	327.8	327.9	3780
3825 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	38.2	327.8	327.8	2382
3827 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	42.7	327.8	327.8	3815
3829 >E	Bowline 1 345kV Voltage	Volney-Marcy	42.8	327.8	327.8	3829
3839 >E	Bowline 2 345kV Voltage	SBK Princetown 345	42.3	327.8	328.0	3579
3844 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	42.6	327.8	327.9	3799
3846 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	42.7	327.8	327.8	3834
3848 >E	Bowline 2 345kV Voltage	Volney-Marcy	42.7	327.8	327.8	3848
3879 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	44.4	327.8	326.6	3148
3880 >E	Bowline 1 345kV Voltage	SBK Edic R70	44.5	327.8	326.6	3354
3890 >E	Gardenville 230kV Voltage	SBK Princetown 345	45.0	207	209.7	3628
3899 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	44.4	327.8	326.6	3157
3900 >E	Bowline 2 345kV Voltage	SBK Edic R70	44.4	327.8	326.6	3365
3913 >E	Gardenville 230kV Voltage	Ravenswood 3	45.8	207	209.2	3956
3932 >E	Watercure 230kV Voltage	Marcy South S.	47.3	207	229.8	3582
3996 >E	Bowline 1 345kV Voltage	Marcy South N.	48.1	327.8	327.1	3918
4002 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	49.0	207	207.4	3955
4002 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	49.0	207	207.4	3924
4005 >E	Bowline 2 345kV Voltage	Marcy South N.	47.7	327.8	327.1	3921
4018 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	49.5	207	207.1	4005
4021 >E	Buchanan South 345kV Voltage	Marcy South S.	59.0	327.8	320.5	3606
4024 >E	Gardenville 230kV Voltage	Volney-Marcy	49.7	207	207.0	4024
4040 >E	Buchanan North 345kV Voltage	Marcy South S.	62.9	327.8	316.6	3611
4607 >E	Ramapo 345kV Voltage	Marcy South S.	71.5	327.8	306.2	3760
4649 >E	Rock Tavern 345kV Voltage	Marcy South S.	63.5	327.8	279.3	3771
4691 >E	Ladentown 345kV Voltage	Marcy South S.	73.1	327.8	306.1	3782
4962 >E	Rainey 345kV Voltage	Ravenswood 3	109.4	327.8	340.8	4955

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5017 >E	Bowline 1 345kV Voltage	Marcy South S.	80.7	327.8	300.0	3868
5041 >E	Bowline 2 345kV Voltage	Marcy South S.	80.3	327.8	299.9	3874
5090 >E	Farragut 345kV Voltage	Ravenswood 3	115.1	327.8	340.0	5076
5248 >E	Rainey 345kV Voltage	Ph2 DC 1500	95.8	327.8	338.7	4087
5282 >E	Farragut 345kV Voltage	Ph2 DC 1500	99.1	327.8	338.5	4102
5428 >E	Rainey 345kV Voltage	Pre-Fault	166.0	NA	338	5428
5436 >E	Farragut 345kV Voltage	Pre-Fault	171.9	NA	338	5436
5445 >E	Rainey 345kV Voltage	Marcy South N.	104.0	327.8	329.0	4411
5592 >E	Farragut 345kV Voltage	Marcy South N.	111.7	327.8	329.0	4461
5611 >E	Coopers Corners 345kV Voltage	Marcy South S.	72.3	327.8	58.2	4023
5971 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	122.8	327.8	334.3	2785
5978 >E	Rainey 345kV Voltage	SBK Edic R945	123.0	327.8	334.2	2781
6015 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	126.9	327.8	334.1	2796
6022 >E	Farragut 345kV Voltage	SBK Edic R945	127.2	327.8	334.1	2792
6111 >E	Goethals 345kV Voltage	Ph2 DC 1500	132.6	327.8	338.5	4452
6131 >E	Goethals 345kV Voltage	Ravenswood 3	156.6	327.8	339.0	6067
6365 >E	Goethals 345kV Voltage	Pre-Fault	235.4	NA	338	6365
6566 >E	Goethals 345kV Voltage	Marcy South N.	150.9	327.8	329.1	4792
6882 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	157.1	327.8	329.2	6712
6908 >E	Watercure 230kV Voltage	SBK Princetown 345	167.9	207	223.5	6487
6947 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	162.8	327.8	329.2	6774
7074 >E	Watercure 230kV Voltage	Ravenswood 3	176.3	207	223.1	6966
7118 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	171.4	327.8	334.1	3070
7121 >E	Rainey 345kV Voltage	Volney-Marcy	166.0	327.8	327.8	7121
7123 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	166.0	327.8	327.8	7049
7127 >E	Goethals 345kV Voltage	SBK Edic R945	171.7	327.8	334.0	3064
7129 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	166.3	327.8	327.8	7109
7166 >E	Rainey 345kV Voltage	SBK Princetown 345	167.0	327.8	327.5	6732
7190 >E	Farragut 345kV Voltage	Volney-Marcy	171.9	327.8	327.8	7190
7192 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	171.9	327.8	327.8	7117
7194 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	172.1	327.8	327.8	7174
7227 >E	Farragut 345kV Voltage	SBK Princetown 345	172.7	327.8	327.6	6790
7355 >E	Rainey 345kV Voltage	SBK Edic R70	174.5	327.8	326.4	5363
7404 >E	Rainey 345kV Voltage	SBK Marcy R3108	176.3	327.8	326.1	4591
7423 >E	Farragut 345kV Voltage	SBK Edic R70	180.6	327.8	326.4	5402
7474 >E	Farragut 345kV Voltage	SBK Marcy R3108	182.6	327.8	326.1	4619
7630 >E	Rainey 345kV Voltage	Marcy South S.	184.0	327.8	324.7	4554
7694 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	186.9	327.8	335.9	3941
7695 >E	Farragut 345kV Voltage	Marcy South S.	190.2	327.8	324.9	4571

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7751 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	192.9	327.8	335.8	3964
8416 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	221.9	327.8	329.3	8197
8759 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	235.1	327.8	327.8	8735
8761 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	235.1	327.8	327.8	8672
8766 >E	Goethals 345kV Voltage	Volney-Marcy	235.4	327.8	327.8	8766
8799 >E	Goethals 345kV Voltage	SBK Princetown 345	236.0	327.8	327.7	8280
9096 >E	Goethals 345kV Voltage	SBK Edic R70	247.9	327.8	326.4	6370
9174 >E	Goethals 345kV Voltage	SBK Marcy R3108	250.9	327.8	326.1	5315
9386 >E	Goethals 345kV Voltage	Marcy South S.	258.3	327.8	325.2	5015
9422 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	260.2	327.8	336.0	4637
10857 >E	Watercure 230kV Voltage	Pre-Fault	467.3	NA	215	10857
12146 >E	Northport 138kV Voltage	Ph2 DC 1500	742.3	131.1	136.1	7007
12173 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	373.2	207	212.2	12053
12474 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	384.7	207	211.5	12126
13818 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	437.1	207	208.7	13783
14596 >E	Watercure 230kV Voltage	Volney-Marcy	467.3	207	207.0	14596
15079 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	971.4	131.1	133.7	5044
15115 >E	Northport 138kV Voltage	SBK Edic R945	974.2	131.1	133.6	5031
15163 >E	Northport 138kV Voltage	Pre-Fault	1410.6	NA	135	15163
18272 >E	Northport 138kV Voltage	Ravenswood 3	1249.7	131.1	132.8	17631
19816 >E	Northport 138kV Voltage	N.Scot-Leeds 345	1344.4	131.1	131.7	19234
20664 >E	Northport 138kV Voltage	Volney-Marcy	1410.6	131.1	131.1	20664
20664 >E	Northport 138kV Voltage	Princetown-N.Scot 345	1410.6	131.1	131.1	20613
20666 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	1410.6	131.1	131.1	20470
20957 >E	Northport 138kV Voltage	SBK Princetown 345	1432.3	131.1	130.9	19799

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

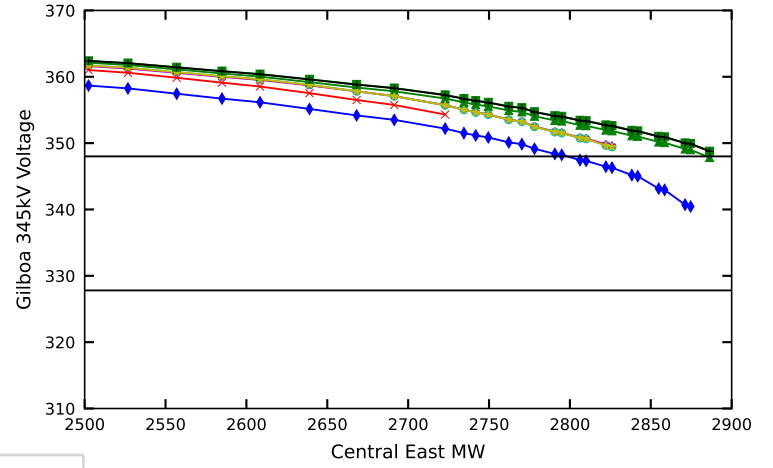
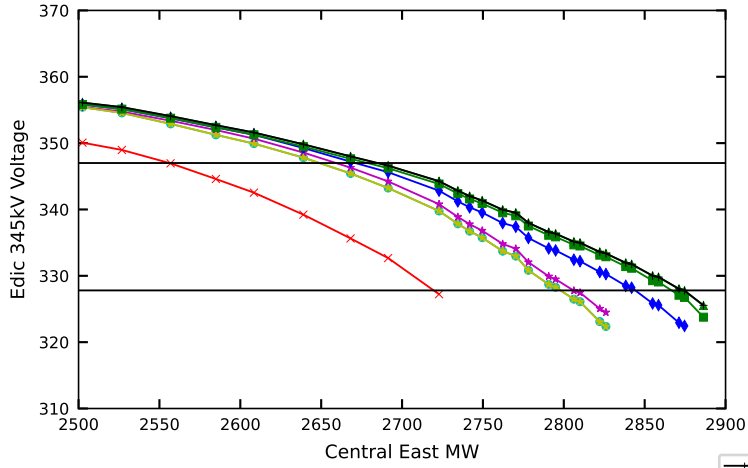
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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 20 19_OS

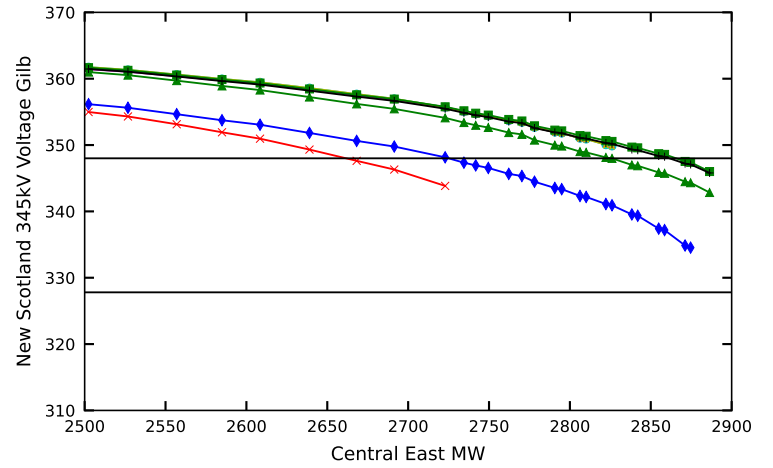
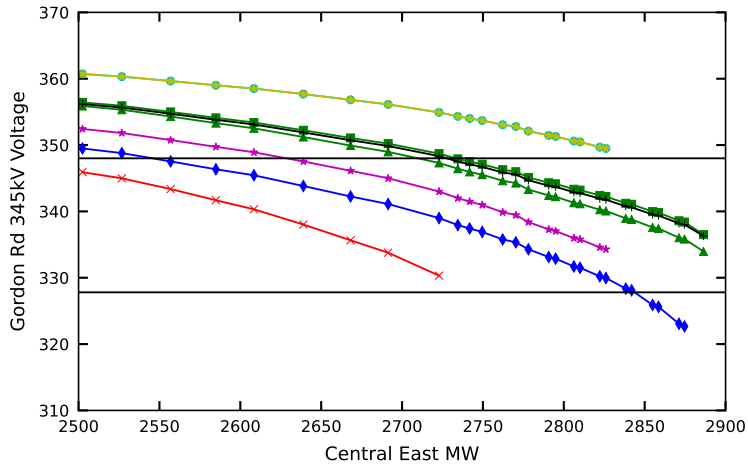
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
21753 >E	Northport 138kV Voltage	SBK Edic R70	1495.6	131.1	130.3	13690
21985 >E	Northport 138kV Voltage	SBK Marcy R3108	1513.8	131.1	130.2	10555
24080 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1676.5	131.1	134.9	10545
24458 >E	Northport 138kV Voltage	Marcy South S.	1708.3	131.1	128.4	8974
99998 >E	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

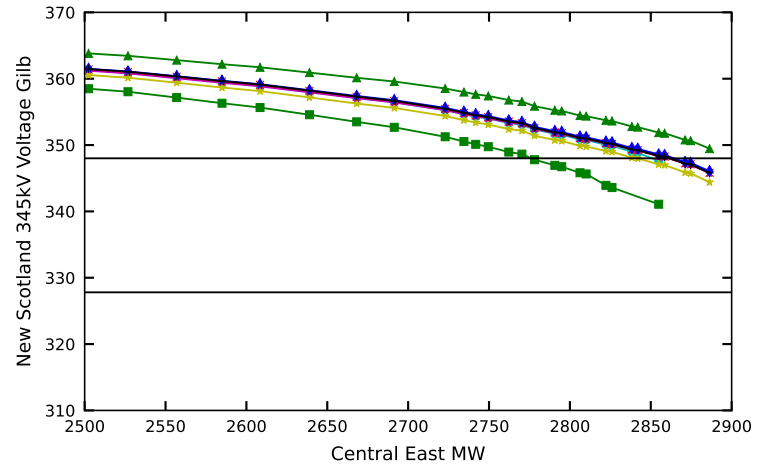
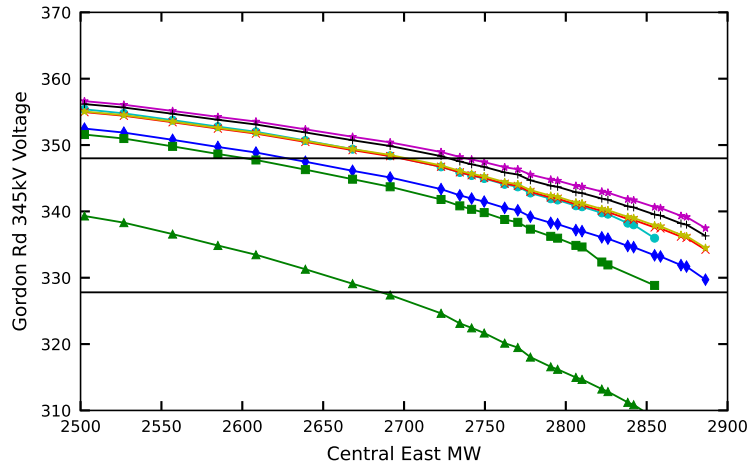
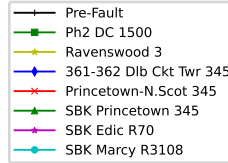
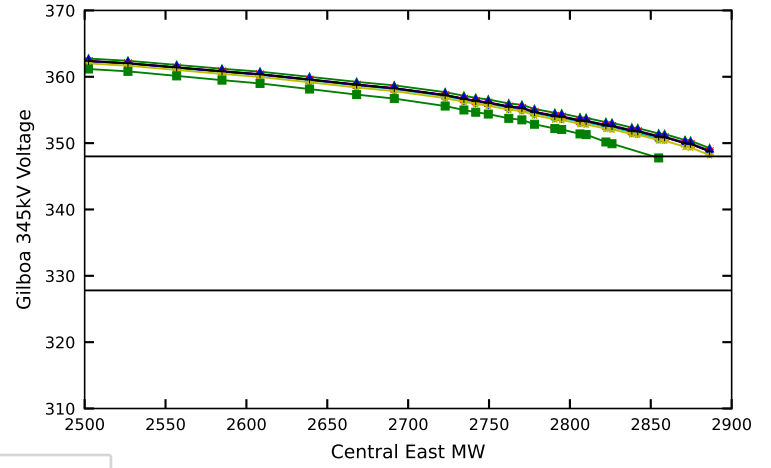
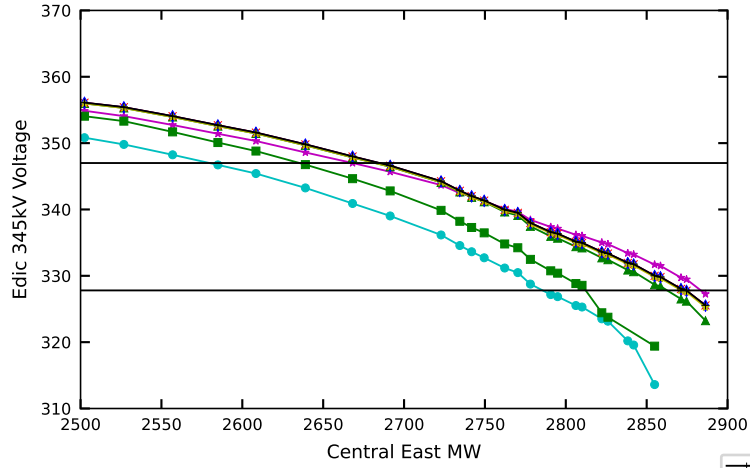
1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_05 Figure 1



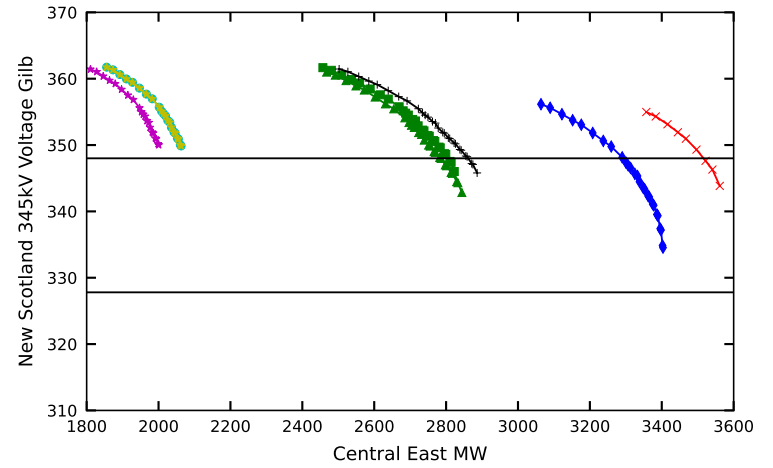
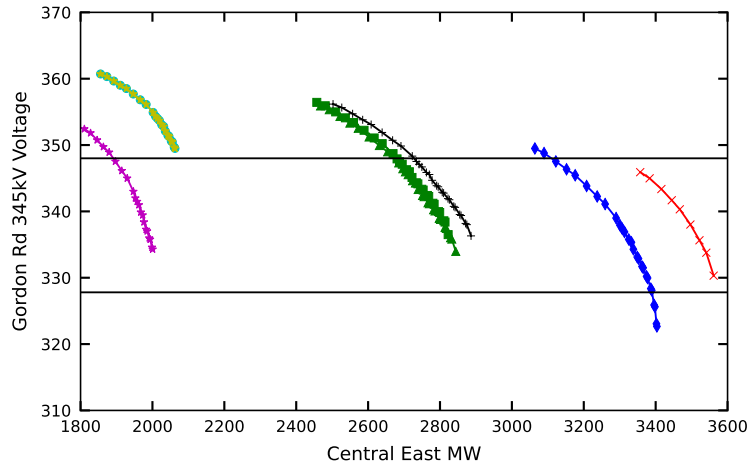
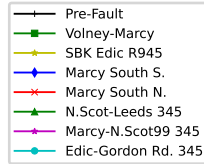
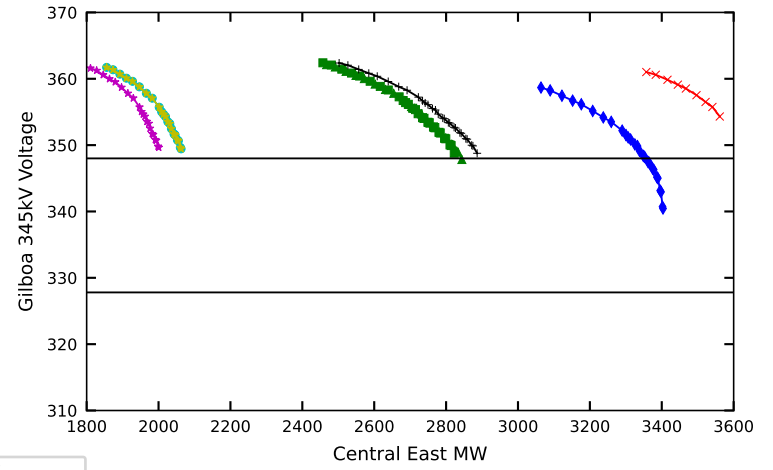
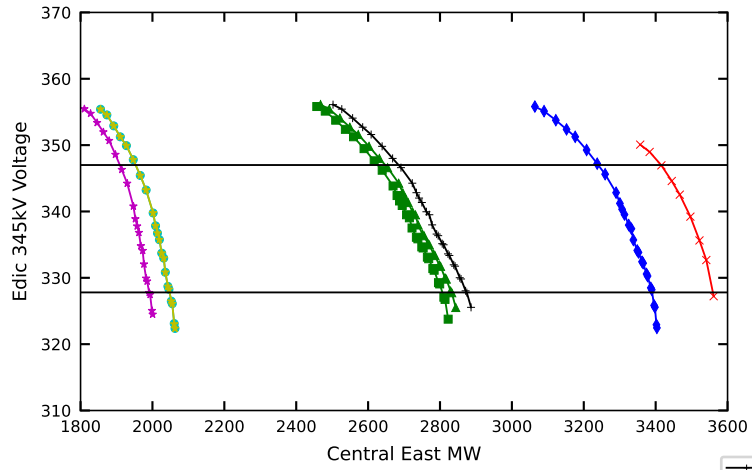
- +— Pre-Fault
- Volney-Marcy
- ▲— SBK Edic R945
- ◆— Marcy South S.
- ×— Marcy South N.
- ▲— N.Scot-Leeds 345
- *— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



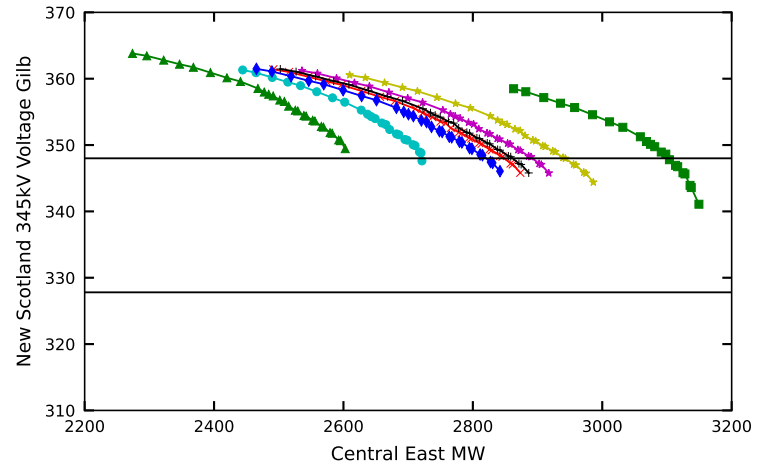
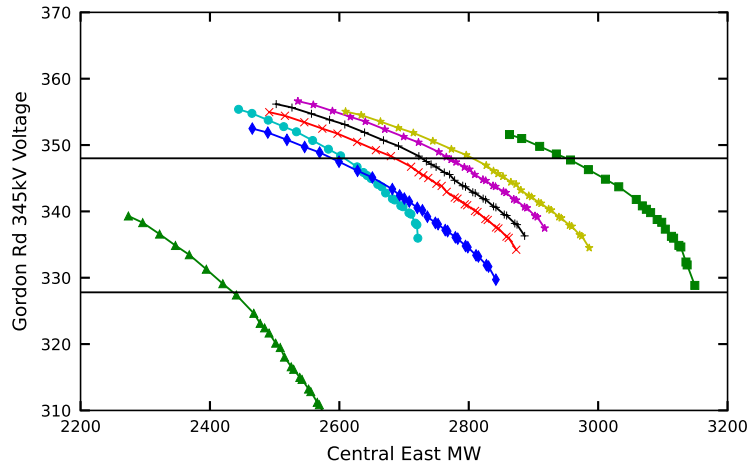
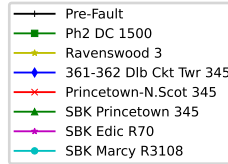
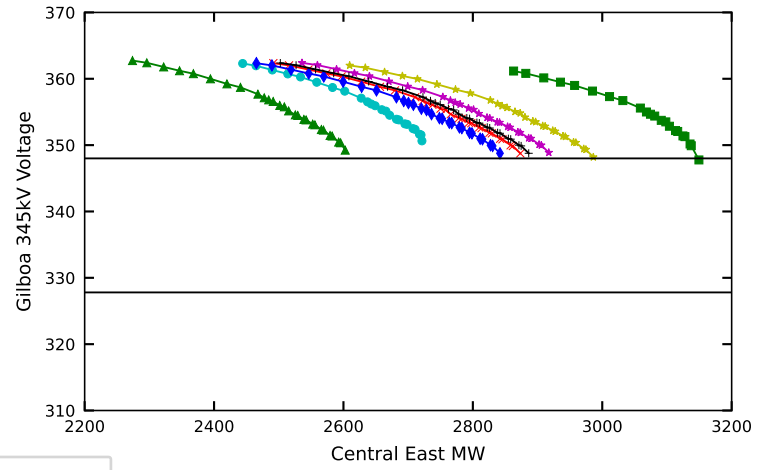
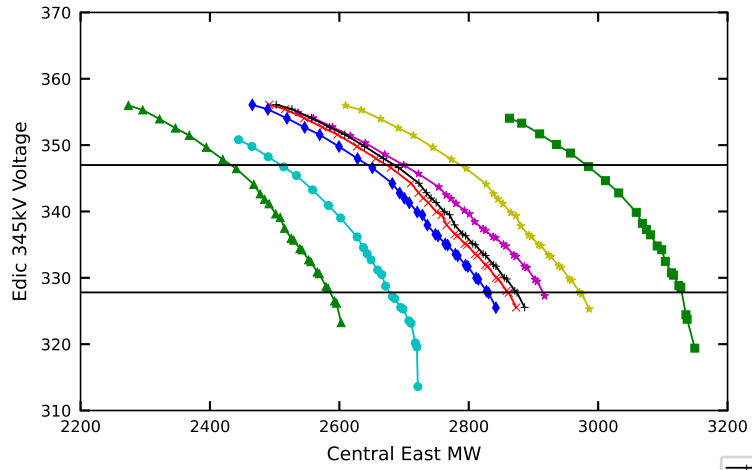
1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_05 Figure 2



1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS Figure 1



1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS

Interface: Central East

Transfer	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
	MW	e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
2502	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2526	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2556	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2584	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2608	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2638	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2668	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2691	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2722	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2734	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2741	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2749	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2762	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2770	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2778	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2790	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2794	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2806	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2810	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2822	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2826	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2838	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	1
	2															
2841	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	3															
2854	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	0
	4															
2858	t2	0	2	2	0	2	0	2	0	1	0	0	0	0	0	2
	5															
2871	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	6															
2874	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	7															
2886	t2	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 2O 3O_OS

Interface: Central East

ce31) Prince town- N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ce32) 361- 362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
log09) Raven swood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	2	2	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2440 <E	Dunwoodie 345kV Voltage	Pre-Fault	105.6	NA	348	2440
2451 <E	Sprain Brook 345kV Voltage	Pre-Fault	105.7	NA	348	2451
2586	limit with 5% margin	Marcy South N.	NA	NA	NA	3383
2669	Marcy 345kV Voltage	Pre-Fault	16.6	NA	348	2669
2684	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1959
2684	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1900
2684	limit with 5% margin	SBK Edic R945	NA	NA	NA	1959
2684	Edic 345kV Voltage	Pre-Fault	16.7	NA	347	2684
2685	Gordon Rd 345kV Voltage	SBK Princetown 345	13.6	327.8	350.1	2435
2712	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2585
2712	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2991
2719	Edic 345kV Voltage	Marcy South N.	5.8	327.8	344.5	3559
2721	Marcy 345kV Voltage	Marcy South N.	5.8	327.8	344.4	3560
2727	Gordon Rd 345kV Voltage	Pre-Fault	14.4	NA	348	2727
2729	Pannell Road 345kV Voltage	Pre-Fault	9.6	NA	346	2729
2729	Station 80 345kV Voltage	Pre-Fault	9.1	NA	346	2729
2730	limit with 5% margin	Marcy South S.	NA	NA	NA	3233
2735	Clay 345kV Voltage	Pre-Fault	11.2	NA	345	2735
2736 >E	Clay 345kV Voltage	Marcy South N.	6.7	327.8	345.5	3570
2742	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2701
2742	limit with 5% margin	Volney-Marcy	NA	NA	NA	2681
2742	limit with 5% margin	SBK Edic R70	NA	NA	NA	2771
2742	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2472
2742	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2729
2742	limit with 5% margin	361-362 D1b Ckt Twr 345	NA	NA	NA	2699
2742	limit with 5% margin	Ravenswood 3	NA	NA	NA	2836
2745 >E	Gordon Rd 345kV Voltage	Marcy South N.	9.1	327.8	347.2	3576
2756	Millwood 345kV Voltage	Pre-Fault	64.8	NA	348	2756
2783 >E	Oakdale 345kV Voltage	Marcy South N.	6.9	320	344.9	3601
2785	Edic 345kV Voltage	SBK Marcy R3108	8.0	327.8	337.1	2677
2795	Marcy 345kV Voltage	SBK Edic R945	6.2	327.8	336.3	2046
2795	Marcy 345kV Voltage	Edic-Gordon Rd. 345	6.2	327.8	336.3	2046
2797	Edic 345kV Voltage	SBK Edic R945	6.3	327.8	336.0	2047
2797	Edic 345kV Voltage	Edic-Gordon Rd. 345	6.3	327.8	336.0	2047
2805	Edic 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	335.2	1990
2807 >E	Pannell Road 345kV Voltage	Marcy South N.	10.3	327.8	343.2	3616
2812	Edic 345kV Voltage	Ph2 DC 1500	3.0	327.8	334.7	3129
2812	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.1	327.8	334.7	1994
2812	Marcy 345kV Voltage	Ph2 DC 1500	2.9	327.8	334.7	3129
2826 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	337.6	2063

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2826 >E	Clay 345kV Voltage	SBK Edic R945	6.7	327.8	337.5	2063
2827	Clay 345kV Voltage	SBK Marcy R3108	4.1	327.8	337.5	2711
2835	Buchanan North 345kV Voltage	Pre-Fault	45.7	NA	346	2835
2840 >E	Station 80 345kV Voltage	Marcy South N.	11.6	327.8	342.0	3638
2841 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	7.9	327.8	336.8	2008
2843	Gordon Rd 345kV Voltage	Marcy South S.	5.9	327.8	340.5	3389
2844	Edic 345kV Voltage	Marcy South S.	5.5	327.8	331.5	3390
2844	Clay 345kV Voltage	Ph2 DC 1500	6.9	327.8	336.0	3145
2845	Marcy 345kV Voltage	Marcy South S.	5.4	327.8	331.2	3391
2859	Oakdale 345kV Voltage	Pre-Fault	6.2	NA	335	2859
2861	New Scotland 345kV Voltage Alps	Pre-Fault	12.2	NA	348	2861
2861	New Scotland 345kV Voltage Gilb	Pre-Fault	12.2	NA	348	2861
2861 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.7	327.8	339.0	2722
2862	Edic 345kV Voltage	SBK Princetown 345	6.6	327.8	329.2	2585
2863	Marcy 345kV Voltage	SBK Princetown 345	6.6	327.8	329.1	2586
2864 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	9.4	327.8	338.8	3153
2866	Edic 345kV Voltage	Volney-Marcy	6.3	327.8	328.7	2806
2867 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	5.5	320	335.2	2086
2869	Marcy 345kV Voltage	Volney-Marcy	6.3	327.8	328.2	2809
2870 >E	Marcy 345kV Voltage	SBK Marcy R3108	7.4	327.8	327.8	2723
2871 >E	Oakdale 345kV Voltage	SBK Edic R945	5.9	320	334.9	2087
2871 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.0	320	332.7	2723
2871	Edic 345kV Voltage	Ravenswood 3	12.6	327.8	328.0	2971
2873	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	12.7	327.8	327.8	2829
2873	Marcy 345kV Voltage	N.Scot-Leeds 345	12.6	327.8	327.8	2831
2873	Marcy 345kV Voltage	Ravenswood 3	12.6	327.8	327.8	2973
2873	Marcy 345kV Voltage	SBK Edic R70	12.6	327.8	327.8	2904
2873	Marcy 345kV Voltage	Princetown-N.Scot 345	12.6	327.8	327.8	2860
2873	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	12.6	327.8	327.8	2829
2873	Edic 345kV Voltage	N.Scot-Leeds 345	12.7	327.8	327.8	2832
2874	Edic 345kV Voltage	Princetown-N.Scot 345	12.7	327.8	327.8	2861
2877 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.5	327.8	339.8	2723
2882	Clay 345kV Voltage	Volney-Marcy	4.3	327.8	332.0	2819
2882	Fraser 345kV Voltage	Pre-Fault	5.6	NA	338	2882
2883	Edic 345kV Voltage	SBK Edic R70	5.3	327.8	326.1	2914
2884 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	6.6	320	333.8	2029
2886 >E	Rock Tavern 345kV Voltage	Pre-Fault	12.6	NA	348	2886
2889 >E	Clay 345kV Voltage	Marcy South S.	9.1	327.8	332.3	3409
2892 >E	Clay 345kV Voltage	SBK Princetown 345	4.7	327.8	330.3	2606

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2894 >E	Gilboa 345kV Voltage	Pre-Fault	10.5	NA	348	2894
2894 >E	Coopers Corners 345kV Voltage	Pre-Fault	7.4	NA	338	2894
2894 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	9.9	327.8	338.3	2101
2896 >E	Pleasant Valley 345kV Voltage	Pre-Fault	17.4	NA	348	2896
2896 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	7.2	327.8	340.6	2102
2897 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	5.9	327.8	334.7	2852
2899 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.7	320	329.7	3167
2901 >E	Buchanan South 345kV Voltage	Pre-Fault	15.7	NA	346	2901
2902 >E	Pannell Road 345kV Voltage	SBK Edic R945	11.0	327.8	338.0	2104
2903 >E	Fraser 345kV Voltage	SBK Edic R945	7.9	327.8	340.3	2105
2904 >E	Clay 345kV Voltage	Ravenswood 3	6.0	327.8	328.5	3003
2907 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	6.4	327.8	335.2	2726
2907 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	6.2	327.8	327.9	2862
2908 >E	Clay 345kV Voltage	N.Scot-Leeds 345	6.2	327.8	327.9	2864
2908 >E	Clay 345kV Voltage	Princetown-N.Scot 345	6.2	327.8	327.8	2895
2912 >E	Clay 345kV Voltage	SBK Edic R70	6.3	327.8	327.2	2942
2912 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	13.3	327.8	337.9	2043
2914 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	11.9	327.8	341.9	2112
2919 >E	Oakdale 345kV Voltage	Volney-Marcy	4.6	320	324.6	2847
2921 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	8.9	327.8	339.3	2047
2922 >E	Coopers Corners 345kV Voltage	SBK Edic R945	13.0	327.8	341.6	2115
2924 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	11.9	327.8	336.0	3178
2925 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	6.3	327.8	330.7	2880
2926 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.7	320	323.3	2626
2927 >E	New Scotland 345kV Voltage Alps	Marcy South N.	12.8	327.8	347.8	3694
2927 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	12.8	327.8	347.8	3694
2928 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	6.6	327.8	330.2	2915
2929 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	13.0	327.8	337.1	2051
2930 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	11.7	327.8	338.3	2121
2930 >E	Gordon Rd 345kV Voltage	Ravenswood 3	6.6	327.8	329.9	3029
2931 >E	Pannell Road 345kV Voltage	Volney-Marcy	6.9	327.8	332.1	2856
2934 >E	Coopers Corners 345kV Voltage	Ravenswood 3	5.9	327.8	332.6	3032
2935 >E	Oakdale 345kV Voltage	Ravenswood 3	5.2	320	321.7	3033
2936 >E	St.Lawrence 230kV Voltage	Pre-Fault	23.3	NA	225	2936
2939 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	327.8	2894
2939 >E	Fraser 345kV Voltage	SBK Edic R70	5.6	327.8	327.8	2970
2939 >E	Fraser 345kV Voltage	Ravenswood 3	5.6	327.8	327.8	3038
2939 >E	Fraser 345kV Voltage	Volney-Marcy	5.6	327.8	327.8	2862
2939 >E	Fraser 345kV Voltage	SBK Princetown 345	5.6	327.8	327.8	2635

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2939 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	5.6	327.8	327.8	2926
2939 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	5.6	327.8	327.8	2893
2940 >E	Gordon Rd 345kV Voltage	Volney-Marcy	6.2	327.8	328.5	2862
2940 >E	Ramapo 345kV Voltage	Pre-Fault	17.9	NA	346	2940
2942 >E	Station 80 345kV Voltage	SBK Edic R945	13.1	327.8	337.9	2126
2942 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	5.4	320	320.3	2896
2943 >E	Fraser 345kV Voltage	Ph2 DC 1500	7.2	327.8	332.2	3185
2943 >E	Pannell Road 345kV Voltage	SBK Princetown 345	7.4	327.8	330.8	2637
2943 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	5.4	320	320.2	2897
2943 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	14.7	327.8	341.0	2058
2943 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	5.4	320	320.1	2930
2946 >E	New Scotland 345kV Voltage Alps	Marcy South S.	10.6	327.8	344.3	3431
2946 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	10.6	327.8	344.3	3431
2946 >E	Oakdale 345kV Voltage	SBK Edic R70	5.4	320	319.5	2977
2948 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	6.7	327.8	330.8	2640
2953 >E	Gordon Rd 345kV Voltage	SBK Edic R70	7.0	327.8	326.5	2984
2958 >E	Ramapo 500kV Voltage	Ravenswood 3	29.7	500	505.8	3056
2960 >E	Station 80 345kV Voltage	Volney-Marcy	8.6	327.8	332.2	2877
2960 >E	Ladentown 345kV Voltage	Pre-Fault	17.1	NA	346	2960
2962 >E	Coopers Corners 345kV Voltage	SBK Edic R70	7.4	327.8	328.9	2992
2962 >E	Pannell Road 345kV Voltage	Ravenswood 3	9.1	327.8	328.8	3059
2964 >E	Fraser 345kV Voltage	SBK Marcy R3108	8.0	327.8	327.8	2733
2965 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	7.3	327.8	328.5	2918
2966 >E	Station 80 345kV Voltage	Ph2 DC 1500	14.8	327.8	336.5	3195
2967 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	7.3	327.8	328.2	2919
2969 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	7.4	327.8	327.9	2955
2969 >E	Coopers Corners 345kV Voltage	Volney-Marcy	7.0	327.8	327.9	2884
2971 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	9.5	327.8	327.9	2923
2971 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	9.5	327.8	327.9	2924
2971 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	9.5	327.8	327.8	2957
2973 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	10.5	327.8	332.9	3198
2974 >E	Pannell Road 345kV Voltage	SBK Edic R70	9.5	327.8	327.6	3004
2974 >E	Station 80 345kV Voltage	SBK Princetown 345	9.3	327.8	331.0	2656
2975 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	15.3	327.8	336.9	2073
2980 >E	Dunwoodie 345kV Voltage	Ravenswood 3	11.4	327.8	336.0	3077
2981 >E	Sprain Brook 345kV Voltage	Ravenswood 3	11.5	327.8	336.0	3079
2992 >E	Pannell Road 345kV Voltage	Marcy South S.	14.9	327.8	333.3	3450

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2994 >E	Ramapo 500kV Voltage	Ph2 DC 1500	59.6	500	507.2	3206
2997 >E	Station 80 345kV Voltage	Ravenswood 3	11.3	327.8	329.1	3094
3003 >E	St.Lawrence 230kV Voltage	Volney-Marcy	14.8	218.5	222.1	2909
3004 >E	Roseton 345kV Voltage	Pre-Fault	18.8	NA	345	3004
3005 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	8.0	327.8	332.7	2956
3005 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	8.0	327.8	332.7	2956
3005 >E	Bowline 1 345kV Voltage	Pre-Fault	17.2	NA	345	3005
3007 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	21.1	218.5	226.5	2164
3007 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	18.9	218.5	222.8	2737
3007 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	11.5	327.8	338.6	3212
3007 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	11.5	327.8	338.6	3212
3012 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	12.0	327.8	327.9	2963
3012 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	12.0	327.8	327.8	2963
3013 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	12.0	327.8	327.8	2998
3013 >E	Bowline 2 345kV Voltage	Pre-Fault	17.1	NA	345	3013
3014 >E	Station 80 345kV Voltage	SBK Edic R70	12.0	327.8	327.7	3044
3018 >E	Niagara 230kV East Voltage	SBK Marcy R3108	13.2	218.5	224.6	2739
3018 >E	Niagara 230kV West Voltage	SBK Marcy R3108	13.2	218.5	224.6	2739
3022 >E	Buchanan North 345kV Voltage	Ravenswood 3	12.3	327.8	336.2	3118
3022 >E	Millwood 345kV Voltage	Ravenswood 3	12.0	327.8	336.3	3119
3027 >E	St.Lawrence 230kV Voltage	SBK Edic R945	23.5	218.5	226.2	2173
3030 >E	Gilboa 345kV Voltage	Marcy South S.	12.3	327.8	345.2	3465
3031 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	8.8	327.8	329.9	3127
3031 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	8.8	327.8	329.9	3127
3032 >E	Leeds 345kV Voltage	Pre-Fault	16.2	NA	345	3032
3033 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	17.6	218.5	220.8	2692
3033 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	36.8	500	504.8	2179
3035 >E	St.Lawrence 230kV Voltage	Marcy South N.	27.8	218.5	227.0	3764
3035 >E	Rock Tavern 345kV Voltage	Ravenswood 3	9.0	327.8	336.3	3131
3036 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	11.3	327.8	325.1	2740
3037 >E	Oakdale 345kV Voltage	Marcy South S.	13.4	320	324.0	3467
3040 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	8.4	327.8	329.0	2936
3040 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	8.4	327.8	329.0	2936
3045 >E	Ramapo 500kV Voltage	SBK Edic R945	38.8	500	504.6	2182
3046 >E	Station 80 345kV Voltage	Marcy South S.	17.5	327.8	333.2	3471
3048 >E	Buchanan South 345kV Voltage	Ravenswood 3	12.2	327.8	336.6	3144
3051 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	9.2	327.8	327.7	3080
3051 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	9.2	327.8	327.7	3080
3052 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	9.2	327.8	327.7	3037
3052 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	9.2	327.8	327.7	3037

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3052 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	40.3	500	504.5	2111
3057 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	9.4	327.8	327.1	3006
3057 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	9.4	327.8	327.1	3006
3058 >E	St.Lawrence 230kV Voltage	Ravenswood 3	20.9	218.5	219.8	3153
3067 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	10.7	327.8	334.0	2744
3067 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	10.7	327.8	334.0	2744
3070 >E	Watercure 230kV Voltage	Marcy South N.	19.8	207	226.3	3787
3075 >E	Somerset 345kV Voltage	SBK Marcy R3108	11.8	327.8	354.5	2745
3087 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	10.0	327.8	329.7	3033
3087 >E	Somerset 345kV Voltage	Pre-Fault	18.0	NA	338	3087
3087 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	23.3	218.5	218.5	3072
3088 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	23.4	218.5	218.4	3037
3088 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	23.4	218.5	218.4	3035
3090 >E	Fraser 345kV Voltage	Marcy South S.	18.5	327.8	327.8	3488
3090 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	328.2	3037
3094 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	14.1	327.8	328.2	3040
3094 >E	Dunwoodie 345kV Voltage	SBK Edic R70	14.1	327.8	327.9	3123
3096 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	14.1	327.8	327.8	3080
3096 >E	Gilboa 345kV Voltage	Ravenswood 3	10.3	327.8	328.8	3191
3096 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	14.2	327.8	327.7	3044
3097 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	9.8	327.8	322.7	2731
3097 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	9.8	327.8	322.7	2731
3098 >E	Sprain Brook 345kV Voltage	SBK Edic R70	14.3	327.8	327.9	3127
3099 >E	Dunwoodie 345kV Voltage	Volney-Marcy	14.2	327.8	327.6	2980
3099 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	14.1	327.8	327.5	2732
3099 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	14.3	327.8	327.8	3084
3100 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	14.3	327.8	327.7	3048
3101 >E	Gilboa 345kV Voltage	Volney-Marcy	10.3	327.8	328.3	2982
3102 >E	Ramapo 345kV Voltage	Ravenswood 3	13.0	327.8	337.0	3196
3102 >E	Sprain Brook 345kV Voltage	Volney-Marcy	14.3	327.8	327.6	2983
3102 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	14.2	327.8	327.6	2734
3103 >E	St.Lawrence 230kV Voltage	SBK Edic R70	25.1	218.5	217.8	3132
3106 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	30.3	218.5	225.1	2138
3107 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	10.5	327.8	327.8	3091
3107 >E	Ladentown 345kV Voltage	Ravenswood 3	12.7	327.8	337.4	3201
3108 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr	10.6	327.8	327.7	3055

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3108 >E	Gilboa 345kV Voltage	SBK Edic R70	10.6	327.8	327.6	3137
3112 >E	Gilboa 345kV Voltage	SBK Princetown 345	10.6	327.8	327.3	2740
3123 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	12.0	327.8	329.3	2746
3124 >E	Gilboa 345kV Voltage	Ph2 DC 1500	13.5	327.8	336.0	3259
3128 >E	Bowline 1 345kV Voltage	Ravenswood 3	12.7	327.8	337.9	3221
3133 >E	Bowline 2 345kV Voltage	Ravenswood 3	12.6	327.8	338.0	3226
3134 >E	Fraser 345kV Voltage	Marcy South N.	15.9	327.8	327.8	3829
3134 >E	Niagara 230kV East Voltage	Pre-Fault	38.3	NA	225	3134
3134 >E	Niagara 230kV West Voltage	Pre-Fault	38.3	NA	225	3134
3135 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	12.5	327.8	328.4	3079
3138 >E	Rock Tavern 345kV Voltage	SBK Edic R70	12.6	327.8	328.1	3166
3140 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	12.6	327.8	327.9	3087
3141 >E	Rock Tavern 345kV Voltage	Volney-Marcy	12.4	327.8	327.9	3011
3141 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	12.6	327.8	327.8	3125
3142 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	14.8	327.8	328.3	3086
3147 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	14.9	327.8	333.6	3240
3148 >E	Millwood 345kV Voltage	SBK Edic R70	15.1	327.8	327.9	3177
3150 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	15.1	327.8	327.8	3134
3151 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	16.0	327.8	328.3	3094
3151 >E	Buchanan North 345kV Voltage	SBK Princetown 345	15.9	327.8	328.3	2764
3151 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	15.1	327.8	327.7	3097
3151 >E	Watercure 230kV Voltage	SBK Marcy R3108	13.7	207	233.9	2753
3153 >E	Millwood 345kV Voltage	SBK Princetown 345	15.0	327.8	327.6	2765
3153 >E	Ramapo 500kV Voltage	Marcy South S.	38.5	500	502.8	3513
3153 >E	Millwood 345kV Voltage	Volney-Marcy	15.1	327.8	327.6	3021
3156 >E	Buchanan North 345kV Voltage	SBK Edic R70	16.3	327.8	327.9	3184
3157 >E	Somerset 345kV Voltage	Marcy South N.	21.1	327.8	344.3	3844
3158 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	16.3	327.8	327.8	3142
3158 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	16.3	327.8	327.8	3104
3159 >E	Buchanan North 345kV Voltage	Volney-Marcy	16.2	327.8	327.7	3025
3164 >E	Somerset 345kV Voltage	Volney-Marcy	13.6	327.8	333.7	3028
3167 >E	Ramapo 500kV Voltage	SBK Princetown 345	41.1	500	501.4	2774
3178 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	15.4	327.8	328.4	3119
3181 >E	Leeds 345kV Voltage	Marcy South S.	15.5	327.8	349.7	3524
3183 >E	Gilboa 345kV Voltage	SBK Marcy R3108	14.4	327.8	330.4	2756
3184 >E	St.Lawrence 230kV Voltage	Marcy South S.	35.5	218.5	222.3	3525
3184 >E	Buchanan South 345kV Voltage	SBK Edic R70	15.7	327.8	327.9	3213

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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3185 >E	Buchanan South 345kV Voltage	SBK Princetown 345	15.4	327.8	327.9	2784
3186 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	15.7	327.8	327.8	3170
3187 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	15.7	327.8	327.8	3132
3187 >E	Somerset 345kV Voltage	SBK Princetown 345	14.5	327.8	332.4	2786
3189 >E	Buchanan South 345kV Voltage	Volney-Marcy	15.6	327.8	327.7	3047
3190 >E	Roseton 345kV Voltage	Ravenswood 3	14.8	327.8	335.1	3282
3195 >E	Ramapo 500kV Voltage	Volney-Marcy	43.2	500	500.8	3052
3207 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	17.6	327.8	341.8	2277
3210 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	45.8	500	500.5	3150
3227 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	47.3	500	500.1	3171
3228 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	16.8	327.8	328.9	3167
3229 >E	Somerset 345kV Voltage	Ravenswood 3	16.6	327.8	330.1	3320
3231 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	47.4	500	500.0	3214
3233 >E	Ramapo 500kV Voltage	SBK Edic R70	48.0	500	500.0	3260
3233 >E	Ramapo 500kV Voltage	Pre-Fault	47.6	NA	500	3233
3235 >E	Gilboa 345kV Voltage	SBK Edic R945	18.9	327.8	341.0	2287
3247 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	17.4	327.8	327.9	3274
3248 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	17.4	327.8	327.8	3231
3248 >E	Ramapo 345kV Voltage	SBK Princetown 345	17.2	327.8	328.8	2823
3248 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	19.5	327.8	323.0	2301
3251 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	17.4	327.8	327.6	3093
3251 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	17.5	327.8	327.6	3193
3251 >E	Niagara 230kV East Voltage	Ph2 DC 1500	32.7	218.5	223.3	3312
3251 >E	Niagara 230kV West Voltage	Ph2 DC 1500	32.7	218.5	223.3	3312
3253 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	21.3	327.8	343.0	2303
3256 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	17.6	327.8	328.4	3193
3259 >E	Ladentown 345kV Voltage	SBK Princetown 345	16.6	327.8	328.6	2829
3262 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	16.8	327.8	328.4	3199
3262 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	19.8	327.8	336.0	2308
3262 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	19.8	327.8	336.0	2308
3263 >E	Ramapo 345kV Voltage	SBK Edic R70	17.9	327.8	328.0	3290
3264 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	17.6	327.8	326.9	2833
3265 >E	Ramapo 345kV Voltage	Volney-Marcy	17.7	327.8	327.9	3104
3266 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	17.9	327.8	327.8	3208
3266 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	17.9	327.8	327.8	3249
3266 >E	Somerset 345kV Voltage	SBK Edic R70	17.8	327.8	328.0	3293
3270 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr	18.0	327.8	327.8	3211

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3270 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	18.0	327.8	327.8	3206
3270 >E	Ladentown 345kV Voltage	SBK Edic R70	17.1	327.8	328.0	3297
3270 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	18.0	327.8	327.8	3253
3272 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	17.1	327.8	327.8	3214
3272 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	17.1	327.8	327.8	3255
3272 >E	Ladentown 345kV Voltage	Volney-Marcy	17.0	327.8	327.8	3109
3276 >E	Gordon Rd 345kV Voltage	SBK Edic R945	20.8	327.8	321.8	2309
3282 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	20.9	327.8	339.7	2224
3285 >E	Niagara 230kV East Voltage	Volney-Marcy	31.3	218.5	221.1	3118
3285 >E	Niagara 230kV West Voltage	Volney-Marcy	31.3	218.5	221.1	3118
3286 >E	Bowline 1 345kV Voltage	SBK Princetown 345	16.6	327.8	328.7	2846
3290 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	16.9	327.8	328.4	3225
3291 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	21.1	327.8	335.1	2318
3291 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	21.1	327.8	335.1	2318
3293 >E	Bowline 2 345kV Voltage	SBK Princetown 345	16.6	327.8	328.7	2850
3297 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	16.8	327.8	328.5	3232
3298 >E	Bowline 1 345kV Voltage	SBK Edic R70	17.2	327.8	328.0	3325
3300 >E	Bowline 1 345kV Voltage	Volney-Marcy	17.0	327.8	327.8	3130
3301 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	17.2	327.8	327.8	3241
3301 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	17.2	327.8	327.8	3283
3302 >E	Somerset 345kV Voltage	SBK Edic R945	23.7	327.8	342.1	2324
3302 >E	Gilboa 345kV Voltage	Marcy South N.	21.9	327.8	338.1	3938
3305 >E	Bowline 2 345kV Voltage	SBK Edic R70	17.2	327.8	328.0	3332
3306 >E	Niagara 230kV East Voltage	SBK Princetown 345	32.8	218.5	220.5	2858
3306 >E	Niagara 230kV West Voltage	SBK Princetown 345	32.8	218.5	220.5	2858
3308 >E	Bowline 2 345kV Voltage	Volney-Marcy	17.0	327.8	327.8	3135
3308 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	17.1	327.8	327.8	3248
3308 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	17.1	327.8	327.8	3290
3312 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	16.2	327.8	327.8	3246
3312 >E	Leeds 345kV Voltage	SBK Edic R70	16.2	327.8	327.8	3338
3312 >E	Leeds 345kV Voltage	Ravenswood 3	16.2	327.8	327.8	3400
3312 >E	Leeds 345kV Voltage	Volney-Marcy	16.2	327.8	327.8	3138
3312 >E	Leeds 345kV Voltage	SBK Princetown 345	16.2	327.8	327.8	2861
3312 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	16.2	327.8	327.8	3294
3312 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	16.2	327.8	327.8	3252
3315 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	18.4	327.8	328.5	3249

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3321 >E	Roseton 345kV Voltage	SBK Princetown 345	18.4	327.8	328.1	2867
3322 >E	Niagara 230kV East Voltage	Ravenswood 3	34.4	218.5	220.1	3410
3322 >E	Niagara 230kV West Voltage	Ravenswood 3	34.4	218.5	220.1	3410
3323 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	68.8	218.5	215.7	3341
3325 >E	Roseton 345kV Voltage	SBK Edic R70	18.8	327.8	327.9	3351
3327 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	18.7	327.8	327.8	3309
3328 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	18.8	327.8	327.8	3267
3328 >E	Roseton 345kV Voltage	Volney-Marcy	18.6	327.8	327.8	3150
3335 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	23.4	327.8	333.1	3346
3350 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	23.6	327.8	333.2	2257
3350 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	23.6	327.8	333.2	2257
3372 >E	Niagara 230kV East Voltage	SBK Edic R70	37.6	218.5	218.8	3398
3372 >E	Niagara 230kV West Voltage	SBK Edic R70	37.6	218.5	218.8	3398
3381 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	38.1	218.5	218.6	3319
3381 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	38.1	218.5	218.6	3319
3381 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	38.1	218.5	218.6	3311
3381 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	38.1	218.5	218.6	3311
3382 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	38.2	218.5	218.5	3364
3382 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	38.2	218.5	218.5	3364
3394 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	27.7	327.8	340.5	2279
3419 >E	Gardenville 230kV Voltage	SBK Marcy R3108	22.3	207	227.1	2782
3420 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	25.1	327.8	325.4	2782
3454 >E	Leeds 345kV Voltage	Ph2 DC 1500	22.6	327.8	335.4	3395
3455 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	37.2	327.8	333.8	3395
3466 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	29.4	327.8	334.1	3400
3470 >E	Ramapo 500kV Voltage	Marcy South N.	87.3	500	502.4	4048
3504 >E	Rainey 345kV Voltage	Ravenswood 3	31.4	327.8	342.2	3588
3516 >E	Niagara 345kV Voltage	Pre-Fault	33.6	NA	338	3516
3527 >E	Somerset 345kV Voltage	Marcy South S.	31.0	327.8	336.3	3661
3535 >E	Leeds 345kV Voltage	Marcy South N.	28.4	327.8	342.6	4090
3546 >E	Farragut 345kV Voltage	Ravenswood 3	33.4	327.8	341.5	3629
3547 >E	Millwood 345kV Voltage	Ph2 DC 1500	38.7	327.8	333.0	3433
3557 >E	Pleasant Valley 345kV Voltage	Marcy South S.	40.2	327.8	344.7	3673
3563 >E	Ramapo 345kV Voltage	Ph2 DC 1500	34.5	327.8	334.8	3440
3563 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	37.0	327.8	333.9	3440
3572 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	45.9	327.8	332.1	3444
3574 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	46.2	327.8	332.0	3444
3574 >E	Niagara 230kV East Voltage	Marcy South N.	60.4	218.5	227.3	4116

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3574 >E	Niagara 230kV West Voltage	Marcy South N.	60.4	218.5	227.3	4116
3578 >E	Watercure 230kV Voltage	Ph2 DC 1500	33.7	207	229.9	3446
3589 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	38.1	327.8	343.9	2493
3599 >E	Niagara 345kV Voltage	Volney-Marcy	25.0	327.8	335.6	3351
3607 >E	Leeds 345kV Voltage	SBK Marcy R3108	27.3	327.8	327.8	2802
3618 >E	Ladentown 345kV Voltage	Ph2 DC 1500	34.8	327.8	335.2	3463
3620 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	34.4	327.8	327.1	2804
3647 >E	Somerset 345kV Voltage	Ph2 DC 1500	41.8	327.8	348.1	3474
3649 >E	Roseton 345kV Voltage	Ph2 DC 1500	33.5	327.8	333.9	3475
3651 >E	Niagara 345kV Voltage	SBK Princetown 345	26.7	327.8	334.0	3068
3652 >E	Rock Tavern 345kV Voltage	SBK Edic R945	41.3	327.8	343.4	2515
3654 >E	Coopers Corners 345kV Voltage	Marcy South N.	28.8	327.8	304.9	4168
3672 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	34.7	327.8	335.6	3485
3687 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	34.7	327.8	335.7	3491
3701 >E	Pleasant Valley 345kV Voltage	Marcy South N.	42.9	327.8	336.1	4198
3714 >E	Watercure 230kV Voltage	Marcy South S.	32.8	207	212.7	3734
3724 >E	Rainey 345kV Voltage	Pre-Fault	53.0	NA	338	3724
3732 >E	Niagara 345kV Voltage	Ravenswood 3	29.8	327.8	331.6	3810
3739 >E	Farragut 345kV Voltage	Pre-Fault	55.6	NA	338	3739
3741 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	48.7	327.8	326.3	2817
3748 >E	Dunwoodie 345kV Voltage	Marcy South N.	56.7	327.8	329.1	4229
3752 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	45.8	327.8	342.5	2455
3791 >E	Sprain Brook 345kV Voltage	Marcy South N.	58.6	327.8	329.1	4257
3808 >E	Niagara 345kV Voltage	Marcy South N.	39.0	327.8	347.0	4268
3810 >E	Roseton 345kV Voltage	SBK Marcy R3108	38.3	327.8	325.9	2824
3824 >E	Ramapo 345kV Voltage	SBK Marcy R3108	42.7	327.8	326.0	2826
3837 >E	Millwood 345kV Voltage	SBK Marcy R3108	51.6	327.8	325.6	2827
3840 >E	Niagara 345kV Voltage	SBK Edic R70	33.1	327.8	328.4	3861
3847 >E	Goethals 345kV Voltage	Ravenswood 3	45.4	327.8	340.3	3922
3856 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	33.5	327.8	327.9	3777
3857 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	33.6	327.8	327.9	3761
3859 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	33.6	327.8	327.8	3835
3860 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	48.6	327.8	325.8	2830
3885 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	63.0	327.8	325.4	2832
3893 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	63.1	327.8	325.4	2833
3896 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	80.6	218.5	227.7	2666
3896 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	80.6	218.5	227.7	2666
3913 >E	Ladentown 345kV Voltage	SBK Marcy R3108	44.0	327.8	325.9	2835
3933 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	40.1	327.8	346.2	2686
3939 >E	Millwood 345kV Voltage	Marcy South N.	58.3	327.8	330.1	4353

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3982 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	44.0	327.8	325.8	2843
3999 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	43.8	327.8	325.8	2845
4012 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	68.5	327.8	339.4	2731
4019 >E	Goethals 345kV Voltage	Pre-Fault	74.8	NA	338	4019
4023 >E	Niagara 230kV East Voltage	SBK Edic R945	90.2	218.5	227.1	2719
4023 >E	Niagara 230kV West Voltage	SBK Edic R945	90.2	218.5	227.1	2719
4024 >E	Ramapo 500kV Voltage	SBK Marcy R3108	155.7	500	504.4	2847
4060 >E	Niagara 345kV Voltage	SBK Edic R945	44.7	327.8	345.0	2739
4091 >E	Buchanan North 345kV Voltage	SBK Edic R945	73.0	327.8	338.9	2756
4091 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	59.0	327.8	342.9	2775
4111 >E	Watercure 230kV Voltage	Volney-Marcy	51.1	207	226.0	3731
4175 >E	Gardenville 230kV Voltage	Marcy South N.	58.8	207	226.2	4507
4178 >E	Ramapo 345kV Voltage	SBK Edic R945	63.0	327.8	342.3	2804
4181 >E	Buchanan North 345kV Voltage	Marcy South N.	69.6	327.8	327.8	4511
4191 >E	Buchanan South 345kV Voltage	Marcy South N.	64.3	327.8	329.6	4517
4192 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	78.2	327.8	338.3	2670
4237 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	52.0	327.8	328.3	4120
4237 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	105.5	218.5	226.1	2692
4237 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	105.5	218.5	226.1	2692
4257 >E	Roseton 345kV Voltage	Marcy South N.	56.3	327.8	331.3	4560
4262 >E	Rainey 345kV Voltage	SBK Princetown 345	52.7	327.8	327.8	3440
4263 >E	Rainey 345kV Voltage	SBK Edic R70	53.0	327.8	327.8	4280
4264 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	52.9	327.8	327.8	4236
4267 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	53.0	327.8	327.8	4173
4270 >E	Rainey 345kV Voltage	Volney-Marcy	53.0	327.8	327.7	3849
4272 >E	Niagara 230kV East Voltage	Marcy South S.	107.5	218.5	223.8	3955
4272 >E	Niagara 230kV West Voltage	Marcy South S.	107.5	218.5	223.8	3955
4273 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	52.0	327.8	342.9	2710
4278 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	54.6	327.8	328.3	4159
4279 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	63.1	327.8	343.5	2882
4283 >E	Rock Tavern 345kV Voltage	Marcy South N.	53.9	327.8	319.3	4577
4294 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	68.0	327.8	341.6	2720
4304 >E	Farragut 345kV Voltage	SBK Princetown 345	55.3	327.8	327.8	3466
4305 >E	Farragut 345kV Voltage	SBK Edic R70	55.6	327.8	327.8	4321
4306 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	55.6	327.8	327.8	4277
4309 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	55.7	327.8	327.7	4213
4312 >E	Farragut 345kV Voltage	Volney-Marcy	55.7	327.8	327.7	3880
4367 >E	Roseton 345kV Voltage	Marcy South S.	62.3	327.8	342.6	3992
4371 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	62.8	327.8	344.6	2933

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4378 >E	Ladentown 345kV Voltage	SBK Edic R945	67.4	327.8	342.9	2914
4401 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	62.8	327.8	344.8	2951
4415 >E	Watercure 230kV Voltage	SBK Princetown 345	62.5	207	224.5	3533
4475 >E	Niagara 345kV Voltage	Marcy South S.	55.6	327.8	338.5	4035
4478 >E	Bowline 1 345kV Voltage	SBK Edic R945	67.1	327.8	343.9	2969
4488 >E	Millwood 345kV Voltage	Marcy South S.	89.3	327.8	340.3	4040
4508 >E	Bowline 2 345kV Voltage	SBK Edic R945	67.1	327.8	344.2	2985
4508 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	72.6	327.8	342.1	2825
4560 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	85.4	327.8	341.4	3040
4586 >E	Buchanan North 345kV Voltage	Marcy South S.	86.4	327.8	333.9	4079
4616 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	72.3	327.8	343.1	2878
4649 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	72.3	327.8	343.4	2894
4659 >E	Sprain Brook 345kV Voltage	Marcy South S.	113.0	327.8	339.4	4108
4666 >E	Dunwoodie 345kV Voltage	Marcy South S.	114.6	327.8	339.5	4110
4678 >E	Buchanan South 345kV Voltage	SBK Edic R945	91.2	327.8	340.9	3078
4736 >E	Buchanan South 345kV Voltage	Marcy South S.	90.0	327.8	338.6	4138
4744 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	73.4	327.8	328.3	4600
4747 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	76.0	207	228.9	3145
4777 >E	Goethals 345kV Voltage	SBK Princetown 345	74.4	327.8	327.9	3753
4780 >E	Goethals 345kV Voltage	SBK Edic R70	74.8	327.8	327.8	4792
4781 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	74.8	327.8	327.8	4747
4785 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	74.9	327.8	327.8	4672
4789 >E	Goethals 345kV Voltage	Volney-Marcy	74.9	327.8	327.7	4234
4817 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	80.6	327.8	342.2	3185
4839 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	70.5	327.8	327.8	2988
4839 >E	Leeds 345kV Voltage	SBK Edic R945	70.5	327.8	327.8	3167
4840 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	70.5	327.8	327.8	3198
4843 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	98.5	327.8	340.2	2990
4849 >E	Ramapo 345kV Voltage	Marcy South N.	82.1	327.8	326.2	4946
4902 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	109.1	327.8	340.8	3232
4944 >E	Roseton 345kV Voltage	SBK Edic R945	85.8	327.8	341.5	3224
4954 >E	Ladentown 345kV Voltage	Marcy South N.	83.3	327.8	327.7	5014
4984 >E	Gardenville 230kV Voltage	Ph2 DC 1500	83.4	207	226.9	4023
5045 >E	Gardenville 230kV Voltage	SBK Edic R945	87.8	207	228.1	3280
5046 >E	Millwood 345kV Voltage	SBK Edic R945	116.7	327.8	340.3	3280
5146 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	93.3	327.8	340.4	3138
5205 >E	Ramapo 345kV Voltage	Marcy South S.	91.9	327.8	333.2	4323
5212 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	144.7	327.8	339.7	3407
5227 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	103.4	327.8	337.2	3416
5269 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	127.2	327.8	339.7	3198

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\30_OS\Sum2023_CEVC_PH2_20_30_OS.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5293 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	150.3	327.8	339.8	3453
5332 >E	Bowline 1 345kV Voltage	Marcy South N.	92.1	327.8	327.8	5260
5338 >E	Watercure 230kV Voltage	Ravenswood 3	100.2	207	219.7	5374
5352 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	108.7	327.8	336.5	3448
5355 >E	Bowline 2 345kV Voltage	Marcy South N.	91.6	327.8	327.8	5275
5376 >E	Sprain Brook 345kV Voltage	SBK Edic R945	154.6	327.8	339.4	3461
5420 >E	Ladentown 345kV Voltage	Marcy South S.	98.3	327.8	333.8	4408
5472 >E	Dunwoodie 345kV Voltage	SBK Edic R945	161.3	327.8	339.5	3514
5583 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	108.4	207	226.8	3353
5599 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	118.3	327.8	335.2	3360
5621 >E	Gardenville 230kV Voltage	Marcy South S.	106.5	207	219.5	4487
5641 >E	Gardenville 230kV Voltage	Volney-Marcy	105.2	207	225.2	4866
5654 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	169.7	327.8	338.9	3387
5761 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	177.0	327.8	339.0	3440
5814 >E	Rock Tavern 345kV Voltage	Marcy South S.	101.4	327.8	320.4	4564
5862 >E	Bowline 1 345kV Voltage	Marcy South S.	108.5	327.8	332.5	4583
5889 >E	Bowline 2 345kV Voltage	Marcy South S.	107.9	327.8	332.7	4593
6104 >E	Gardenville 230kV Voltage	SBK Princetown 345	122.9	207	223.9	4562
6251 >E	Watercure 230kV Voltage	Pre-Fault	194.0	NA	215	6251
6600 >E	Rainey 345kV Voltage	Ph2 DC 1500	143.2	327.8	335.3	4687
6646 >E	Farragut 345kV Voltage	Ph2 DC 1500	147.9	327.8	335.3	4706
7085 >E	Gardenville 230kV Voltage	Ravenswood 3	159.7	207	220.9	7076
7287 >E	Coopers Corners 345kV Voltage	Marcy South S.	114.5	327.8	199.0	5145
7674 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	189.6	207	207.7	7458
7770 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	192.9	207	207.2	7702
7793 >E	Goethals 345kV Voltage	Ph2 DC 1500	194.4	327.8	336.0	5176
7816 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	195.0	207	206.9	7504
7933 >E	Watercure 230kV Voltage	SBK Edic R70	198.3	207	206.3	7913
8268 >E	Rainey 345kV Voltage	SBK Marcy R3108	204.4	327.8	324.2	3307
8358 >E	Farragut 345kV Voltage	SBK Marcy R3108	211.9	327.8	324.3	3317
8379 >E	Gardenville 230kV Voltage	Pre-Fault	332.1	NA	217	8379
8768 >E	Rainey 345kV Voltage	Marcy South N.	223.7	327.8	330.3	7497
8976 >E	Farragut 345kV Voltage	Marcy South N.	236.1	327.8	330.3	7633
9002 >E	Niagara 345kV Voltage	SBK Marcy R3108	222.4	327.8	680.9	3386
10373 >E	Goethals 345kV Voltage	SBK Marcy R3108	292.9	327.8	324.1	3535
10567 >E	Gardenville 230kV Voltage	SBK Edic R70	289.7	207	210.4	10521
11115 >E	Goethals 345kV Voltage	Marcy South N.	322.1	327.8	330.3	9026

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
11366 >E	Gardenville 230kV Voltage	361-362 D1b Ckt Twr 345	320.0	207	208.0	11017
11367 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	320.0	207	208.0	10860
11633 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	329.7	207	207.2	11521
11768 >E	Farragut 345kV Voltage	Marcy South S.	345.2	327.8	347.5	6914
11780 >E	Rainey 345kV Voltage	Marcy South S.	339.0	327.8	347.9	6919
14482 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	448.8	327.8	347.8	8633
14505 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	440.8	327.8	348.1	8645
14854 >E	Goethals 345kV Voltage	Marcy South S.	469.5	327.8	348.9	8132
15257 >E	Rainey 345kV Voltage	SBK Edic R945	469.2	327.8	347.7	8881
15295 >E	Farragut 345kV Voltage	SBK Edic R945	480.1	327.8	347.3	8902
16305 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	507.6	327.8	347.1	8611
16315 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	518.3	327.8	346.8	8616
17014 >E	Northport 138kV Voltage	Ph2 DC 1500	1117.7	131.1	134.0	8962
18727 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	619.3	327.8	349.6	11025
19924 >E	Goethals 345kV Voltage	SBK Edic R945	665.9	327.8	349.3	11441
21132 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	711.9	327.8	349.0	10979
21576 >E	Northport 138kV Voltage	SBK Marcy R3108	1472.2	131.1	129.3	4748
99998 >E	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

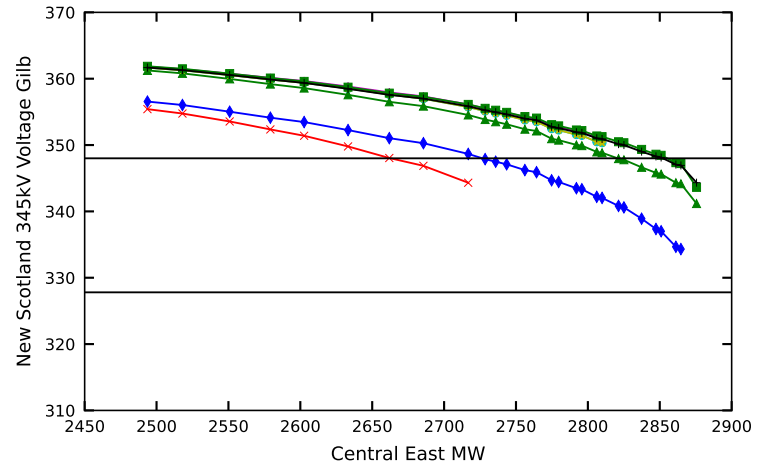
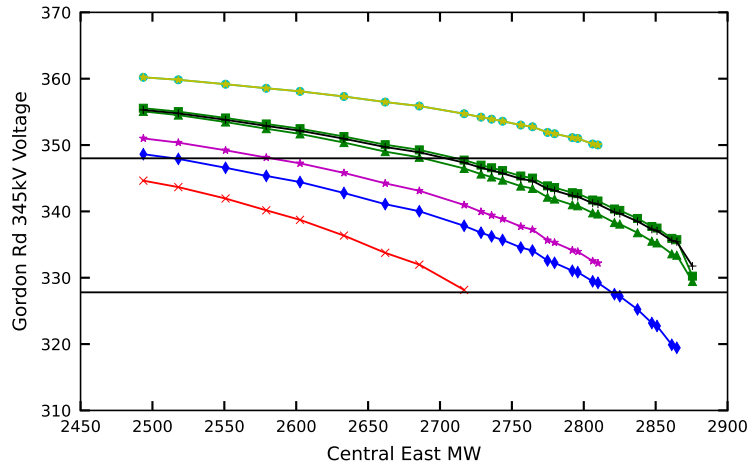
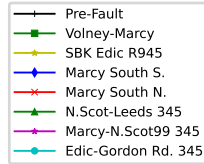
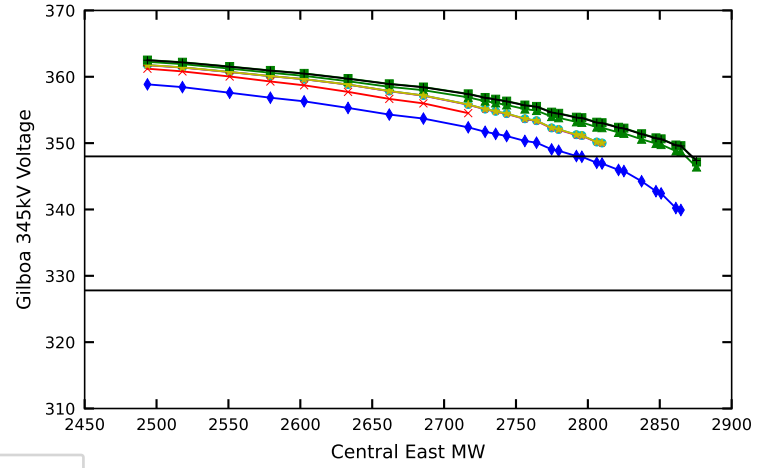
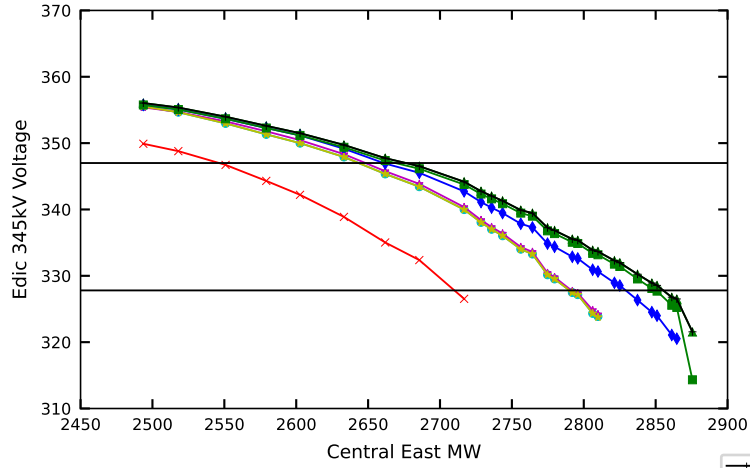
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\30_OS\Sum2023_CEVC_PH2_20_30_OS.xlsx

1: 2023S CEVC PH2 CE2560 MS2270 DE1300 20 30_OS

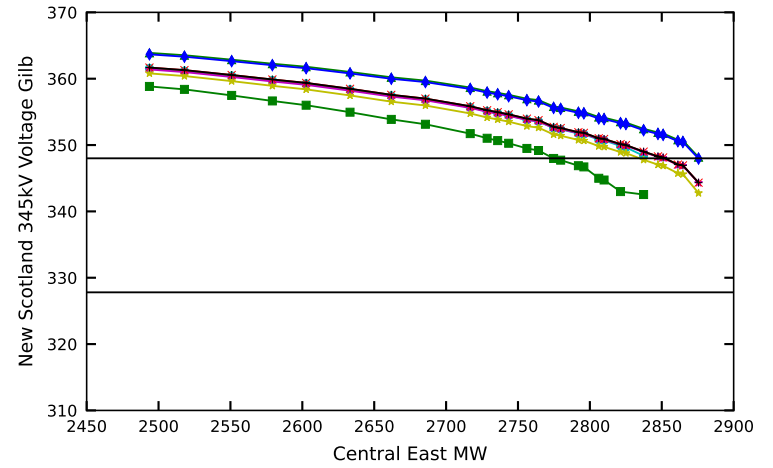
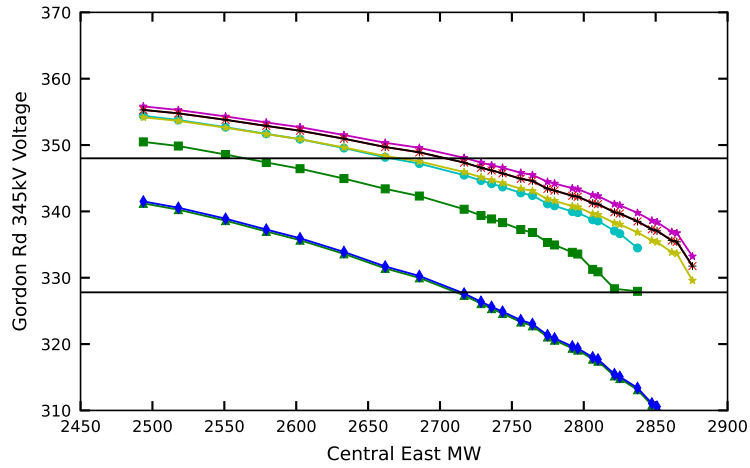
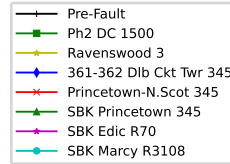
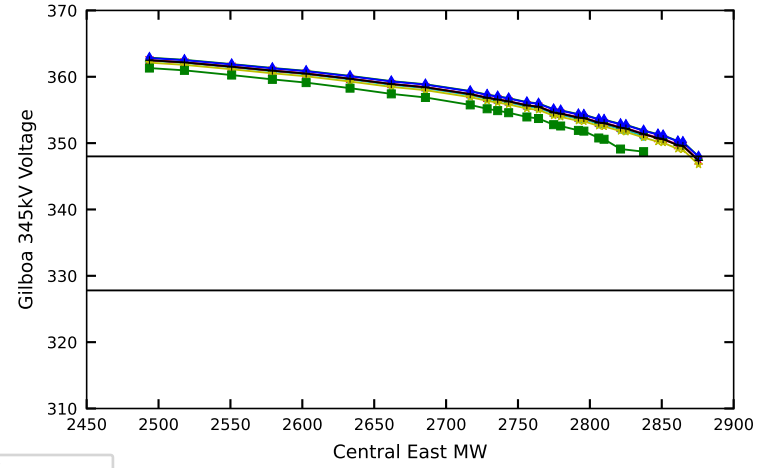
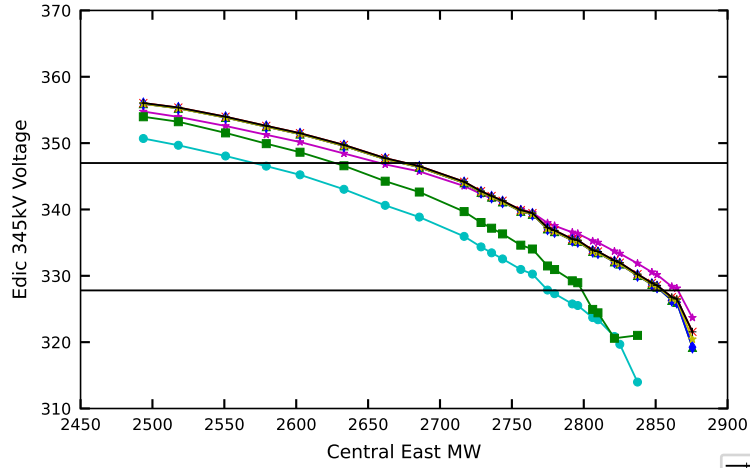
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
>E						
99998	Watercure 230kV Voltage	Edic-Gordon Rd. 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R945	NA	207	NA	99998
>E						
99999	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

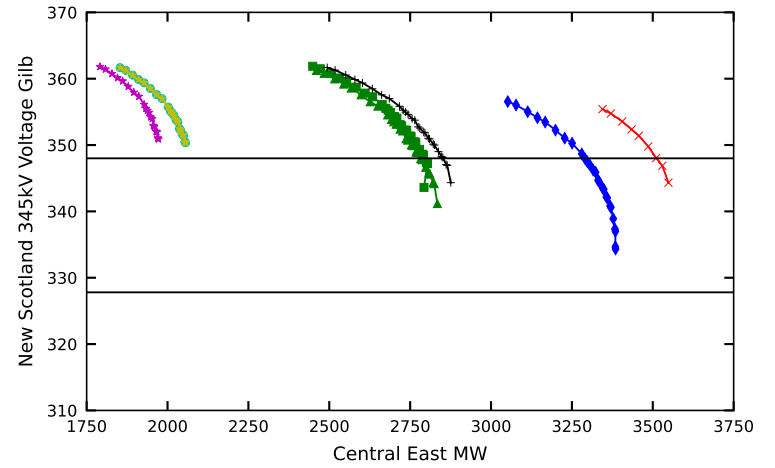
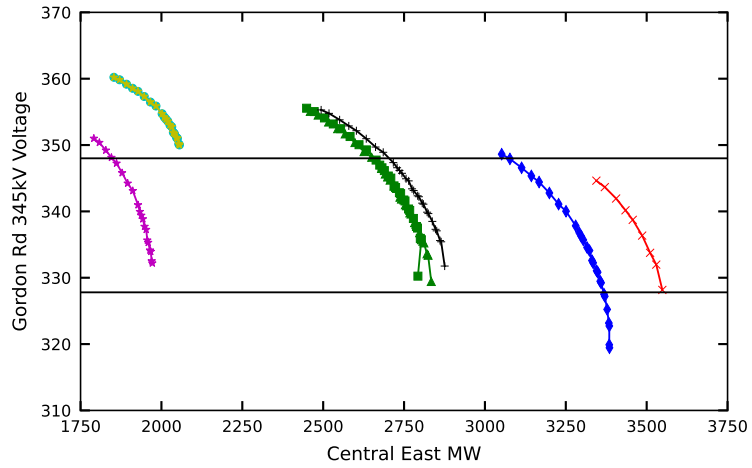
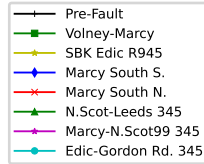
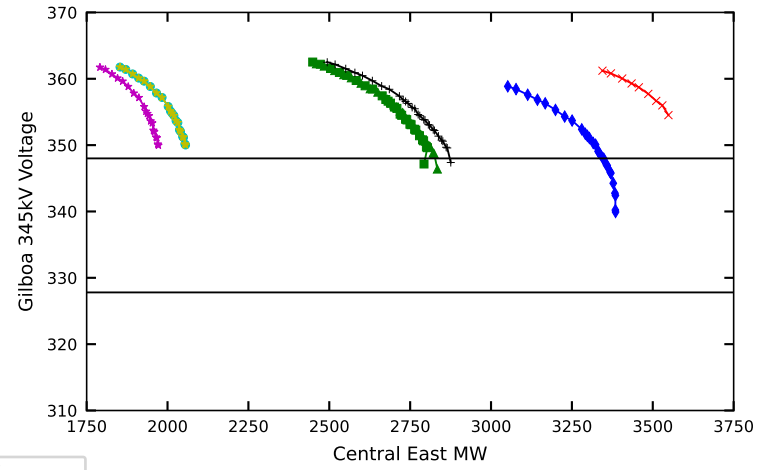
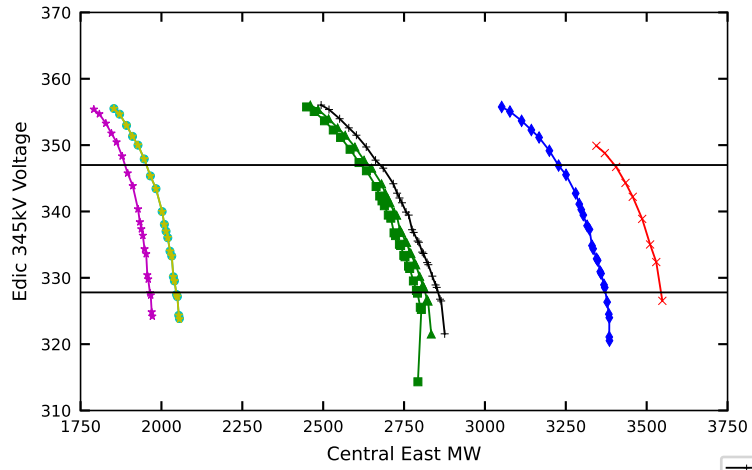
1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_05 Figure 1



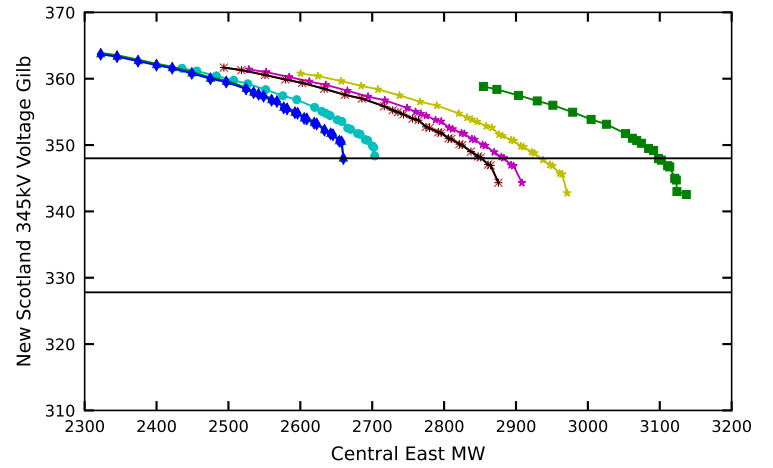
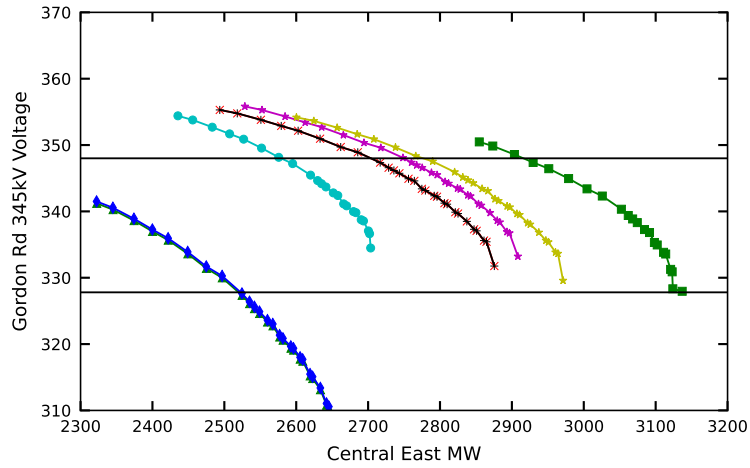
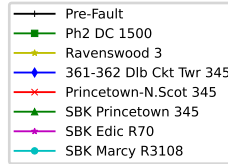
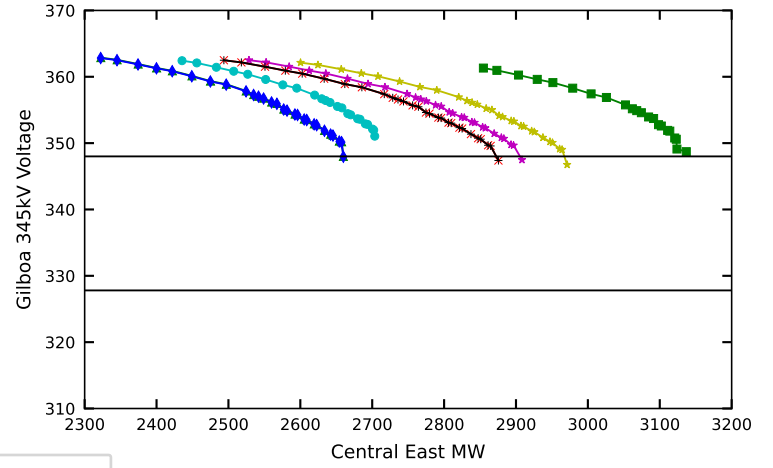
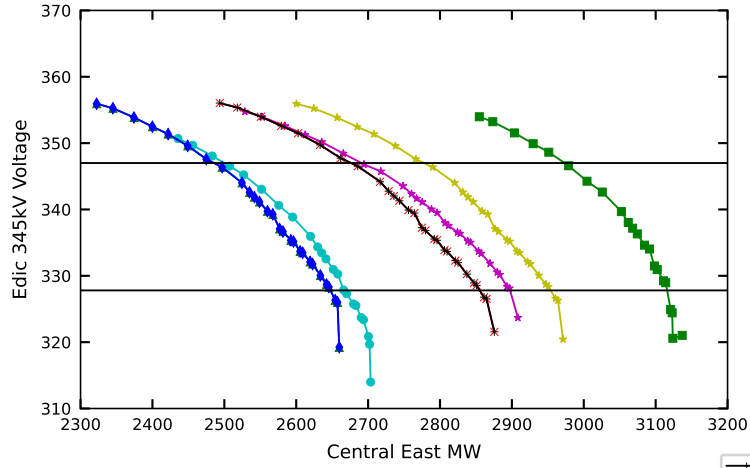
1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_05 Figure 2



1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_05 Figure 1



1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

Interface: Central East

Transfer	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
	MW	e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
2493	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2518	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2550	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2579	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2602	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2633	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2661	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2685	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2716	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2728	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2735	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2743	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2756	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2764	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2774	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2779	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2792	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2795	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2806	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2809	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2821	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	0
	1															
2825	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	1
	2															
2837	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	0
	3															
2847	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	4															
2850	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	5															
2861	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	6															
2864	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	7															
2875	t2	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 2O 55_OS

Interface: Central East

ce31) Prince town- N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361- 362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Raven swood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	2	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\55_OS\Sum2023_CEVC_PH2_20_55_OS.xlsx

1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2439 <E	Dunwoodie 345kV Voltage	Pre-Fault	105.8	NA	348	2439
2450 <E	Sprain Brook 345kV Voltage	Pre-Fault	105.8	NA	348	2450
2580	limit with 5% margin	Marcy South N.	NA	NA	NA	3370
2659	Marcy 345kV Voltage	Pre-Fault	14.3	NA	348	2659
2669	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1952
2669	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1873
2669	limit with 5% margin	SBK Edic R945	NA	NA	NA	1953
2676	Edic 345kV Voltage	Pre-Fault	19.6	NA	347	2676
2695	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2568
2695	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2980
2703	Gordon Rd 345kV Voltage	Pre-Fault	20.0	NA	348	2703
2708	limit with 5% margin	Marcy South S.	NA	NA	NA	3215
2710	Edic 345kV Voltage	Marcy South N.	5.3	327.8	344.7	3544
2711	Gordon Rd 345kV Voltage	SBK Princetown 345	11.8	327.8	347.6	2519
2711	Marcy 345kV Voltage	Marcy South N.	5.3	327.8	344.6	3545
2714	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	11.8	327.8	347.5	2522
2719 >E	Gordon Rd 345kV Voltage	Marcy South N.	8.2	327.8	347.2	3550
2721	limit with 5% margin	Volney-Marcy	NA	NA	NA	2663
2723	Pannell Road 345kV Voltage	Pre-Fault	9.8	NA	346	2723
2723	Station 80 345kV Voltage	Pre-Fault	9.2	NA	346	2723
2725 >E	Clay 345kV Voltage	Marcy South N.	6.1	327.8	345.8	3553
2729	Clay 345kV Voltage	Pre-Fault	11.7	NA	345	2729
2731	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2692
2731	limit with 5% margin	SBK Edic R70	NA	NA	NA	2762
2731	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2526
2731	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2731
2731	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2526
2731	limit with 5% margin	Ravenswood 3	NA	NA	NA	2822
2757	Millwood 345kV Voltage	Pre-Fault	154.7	NA	348	2757
2771 >E	Oakdale 345kV Voltage	Marcy South N.	6.5	320	345.3	3581
2775	Edic 345kV Voltage	SBK Marcy R3108	8.9	327.8	337.2	2666
2788	Marcy 345kV Voltage	SBK Edic R945	6.0	327.8	336.0	2044
2788	Marcy 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	336.0	2044
2790	Edic 345kV Voltage	SBK Edic R945	6.0	327.8	335.7	2045
2790	Edic 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	335.7	2045
2791	Edic 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	335.6	1964
2791 >E	Pannell Road 345kV Voltage	Marcy South N.	9.5	327.8	343.5	3593
2797	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	335.1	1967
2798	Edic 345kV Voltage	Ph2 DC 1500	2.6	327.8	334.9	3115

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2799	Marcy 345kV Voltage	Ph2 DC 1500	2.5	327.8	334.9	3116
2812	Clay 345kV Voltage	SBK Marcy R3108	4.8	327.8	337.6	2694
2818 >E	Clay 345kV Voltage	SBK Edic R945	7.3	327.8	337.4	2061
2819	Gordon Rd 345kV Voltage	Marcy South S.	6.7	327.8	340.1	3366
2820 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	337.3	1977
2821 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	8.9	327.8	337.2	2062
2822 >E	Station 80 345kV Voltage	Marcy South N.	10.7	327.8	342.4	3612
2828	Buchanan North 345kV Voltage	Pre-Fault	35.9	NA	346	2828
2829	Edic 345kV Voltage	Marcy South S.	5.6	327.8	331.4	3372
2830	Marcy 345kV Voltage	Marcy South S.	5.6	327.8	331.1	3373
2844 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	42.7	327.8	337.9	3142
2844 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.6	327.8	339.0	2704
2844	Oakdale 345kV Voltage	Pre-Fault	11.0	NA	335	2844
2849	Edic 345kV Voltage	Volney-Marcy	9.1	327.8	328.7	2790
2852	New Scotland 345kV Voltage Alps	Pre-Fault	9.6	NA	348	2852
2852	New Scotland 345kV Voltage Gilb	Pre-Fault	9.6	NA	348	2852
2852	Marcy 345kV Voltage	Volney-Marcy	4.8	327.8	328.2	2793
2853	Edic 345kV Voltage	SBK Princetown 345	5.2	327.8	328.1	2647
2853	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	5.2	327.8	328.1	2647
2854	Edic 345kV Voltage	Ravenswood 3	5.7	327.8	328.0	2953
2854	Marcy 345kV Voltage	SBK Princetown 345	5.1	327.8	327.9	2648
2854 >E	Marcy 345kV Voltage	SBK Marcy R3108	7.1	327.8	327.8	2705
2854	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	327.9	2648
2855	Marcy 345kV Voltage	N.Scot-Leeds 345	5.8	327.8	327.8	2815
2855	Marcy 345kV Voltage	SBK Edic R70	5.8	327.8	327.8	2887
2855	Marcy 345kV Voltage	Ravenswood 3	5.8	327.8	327.8	2954
2855	Marcy 345kV Voltage	Princetown-N.Scot 345	5.8	327.8	327.8	2855
2855	Edic 345kV Voltage	N.Scot-Leeds 345	5.8	327.8	327.8	2815
2855	Edic 345kV Voltage	Princetown-N.Scot 345	5.8	327.8	327.8	2855
2856 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.1	320	333.0	2705
2859 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	11.3	327.8	339.0	1997
2860 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.5	327.8	339.8	2706
2865	Edic 345kV Voltage	SBK Edic R70	2.4	327.8	326.2	2897
2866	Fraser 345kV Voltage	Pre-Fault	2.7	NA	338	2866
2866 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	7.3	327.8	336.4	2000
2869 >E	Pannell Road 345kV Voltage	SBK Edic R945	7.8	327.8	336.2	2090
2870	Rock Tavern 345kV Voltage	Pre-Fault	6.9	NA	348	2870
2871	Clay 345kV Voltage	SBK Princetown 345	1.8	327.8	329.7	2658
2871	Clay 345kV Voltage	361-362 Dlb Ckt Twr	1.8	327.8	329.7	2658

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2871 >E	Clay 345kV Voltage	Volney-Marcy	12.5	327.8	331.9	2809
2872	Gilboa 345kV Voltage	Pre-Fault	4.9	NA	348	2872
2872	Coopers Corners 345kV Voltage	Pre-Fault	3.6	NA	338	2872
2873	Clay 345kV Voltage	Ravenswood 3	2.1	327.8	329.1	2969
2873 >E	Clay 345kV Voltage	Marcy South S.	7.8	327.8	331.8	3393
2875 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	5.7	327.8	334.8	2708
2876 >E	Pleasant Valley 345kV Voltage	Pre-Fault	9.3	NA	348	2876
2876 >E	Clay 345kV Voltage	N.Scot-Leeds 345	2.6	327.8	327.9	2834
2876 >E	Clay 345kV Voltage	Princetown-N.Scot 345	2.7	327.8	327.8	2876
2877 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	8.9	327.8	335.6	2093
2878 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	7.9	320	336.6	2006
2879 >E	Clay 345kV Voltage	SBK Edic R70	2.9	327.8	326.8	2912
2879 >E	St.Lawrence 230kV Voltage	Pre-Fault	6.3	NA	225	2879
2880 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	330.3	2838
2880 >E	Buchanan South 345kV Voltage	Pre-Fault	9.5	NA	346	2880
2880 >E	Gordon Rd 345kV Voltage	Ravenswood 3	2.7	327.8	330.2	2974
2886 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.1	320	322.9	2662
2886 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.1	320	322.9	2662
2887 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	3.0	327.8	327.8	2887
2887 >E	Oakdale 345kV Voltage	Ravenswood 3	2.2	320	322.3	2979
2888 >E	Oakdale 345kV Voltage	SBK Edic R945	8.9	320	336.2	2102
2891 >E	Coopers Corners 345kV Voltage	Ravenswood 3	2.8	327.8	332.7	2981
2892 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.1	327.8	326.1	2926
2892 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.5	320	320.2	2849
2893 >E	Fraser 345kV Voltage	Ravenswood 3	2.7	327.8	327.8	2982
2893 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	2.7	327.8	327.8	2663
2893 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	2.7	327.8	327.8	2893
2893 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	327.8	2850
2893 >E	Fraser 345kV Voltage	SBK Edic R70	2.7	327.8	327.8	2927
2893 >E	Fraser 345kV Voltage	SBK Princetown 345	2.7	327.8	327.8	2663
2893 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.5	320	320.0	2893
2895 >E	Oakdale 345kV Voltage	SBK Edic R70	2.6	320	319.1	2929
2898 >E	Pannell Road 345kV Voltage	SBK Princetown 345	3.7	327.8	331.4	2664
2898 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	327.8	331.4	2665
2899 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	3.2	327.8	330.4	2665
2899 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	3.2	327.8	330.3	2665

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2901 >E	Ramapo 345kV Voltage	Pre-Fault	10.2	NA	346	2901
2903 >E	Pannell Road 345kV Voltage	Ravenswood 3	4.3	327.8	330.4	2989
2903 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	8.7	327.8	341.5	2019
2904 >E	Coopers Corners 345kV Voltage	SBK Edic R70	3.5	327.8	329.0	2939
2906 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	10.1	327.8	336.9	2020
2906 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	10.8	320	335.6	2110
2906 >E	Ramapo 500kV Voltage	Ravenswood 3	15.2	500	505.8	2991
2906 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	328.4	2862
2908 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	3.6	327.8	327.8	2908
2909 >E	St.Lawrence 230kV Voltage	Ravenswood 3	5.2	218.5	220.3	2993
2910 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	5.1	218.5	220.1	2667
2910 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	5.1	218.5	220.1	2667
2912 >E	Station 80 345kV Voltage	SBK Edic R945	10.9	327.8	336.5	2116
2914 >E	Ladentown 345kV Voltage	Pre-Fault	10.0	NA	346	2914
2916 >E	Station 80 345kV Voltage	SBK Princetown 345	4.8	327.8	332.2	2669
2916 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	327.8	332.2	2669
2916 >E	Fraser 345kV Voltage	SBK Edic R945	9.7	327.8	341.0	2119
2917 >E	Oakdale 345kV Voltage	Marcy South S.	4.9	320	321.5	3411
2917 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	327.9	2872
2918 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	5.6	327.8	327.8	2918
2918 >E	New Scotland 345kV Voltage Alps	Marcy South N.	12.2	327.8	348.3	3670
2918 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	12.2	327.8	348.3	3670
2920 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	13.7	327.8	342.3	2027
2920 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	6.3	218.5	218.5	2920
2920 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	6.3	218.5	218.4	2874
2924 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	3.6	327.8	332.7	2877
2924 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	3.6	327.8	332.7	2877
2924 >E	St.Lawrence 230kV Voltage	SBK Edic R70	6.7	218.5	217.9	2960
2924 >E	Station 80 345kV Voltage	Ravenswood 3	5.7	327.8	331.2	3002
2924 >E	Pannell Road 345kV Voltage	Marcy South S.	8.5	327.8	331.2	3414
2926 >E	Pannell Road 345kV Voltage	SBK Edic R70	6.3	327.8	326.4	2962
2929 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	12.6	327.8	335.7	2123
2931 >E	Dunwoodie 345kV Voltage	Ravenswood 3	7.2	327.8	336.3	3007
2931 >E	Sprain Brook 345kV Voltage	Ravenswood 3	7.2	327.8	336.3	3007
2932 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	3.8	327.8	330.6	3008
2932 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	3.8	327.8	330.6	3008
2934 >E	Roseton 345kV Voltage	Pre-Fault	10.1	NA	345	2934
2936 >E	Leeds 345kV Voltage	Pre-Fault	7.4	NA	345	2936
2936 >E	Coopers Corners 345kV Voltage	SBK Edic R945	15.4	327.8	342.0	2130

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Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2937 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	11.5	327.8	340.2	2127
2941 >E	Bowline 1 345kV Voltage	Pre-Fault	10.1	NA	345	2941
2944 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	4.2	327.8	327.8	2944
2944 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	4.2	327.8	327.8	2944
2945 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	4.2	327.8	327.5	2983
2945 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	4.2	327.8	327.5	2983
2945 >E	Bowline 2 345kV Voltage	Pre-Fault	10.1	NA	345	2945
2947 >E	New Scotland 345kV Voltage Alps	Marcy South S.	10.5	327.8	343.8	3424
2947 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	10.5	327.8	343.8	3424
2948 >E	Fraser 345kV Voltage	SBK Marcy R3108	7.8	327.8	327.8	2716
2949 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	7.7	327.8	327.9	2900
2950 >E	Rock Tavern 345kV Voltage	Ravenswood 3	4.9	327.8	336.4	3019
2950 >E	Buchanan North 345kV Voltage	Ravenswood 3	7.2	327.8	336.4	3019
2950 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	7.7	327.8	327.8	2950
2952 >E	Millwood 345kV Voltage	Ravenswood 3	7.2	327.8	336.5	3021
2960 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	18.1	327.8	341.4	2140
2960 >E	Niagara 230kV East Voltage	Pre-Fault	14.2	NA	225	2960
2960 >E	Niagara 230kV West Voltage	Pre-Fault	14.2	NA	225	2960
2962 >E	Station 80 345kV Voltage	SBK Edic R70	8.7	327.8	326.2	3002
2963 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	4.3	327.8	323.4	2679
2963 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	4.3	327.8	323.4	2679
2963 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	329.6	2913
2964 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	4.3	327.8	323.1	2679
2964 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	4.3	327.8	323.1	2679
2966 >E	Gilboa 345kV Voltage	Ravenswood 3	4.8	327.8	329.1	3029
2966 >E	Buchanan South 345kV Voltage	Ravenswood 3	7.2	327.8	336.9	3030
2972 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	4.9	327.8	327.8	2972
2973 >E	Gilboa 345kV Voltage	SBK Edic R70	5.0	327.8	327.6	3014
2975 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	327.8	327.2	2682
2975 >E	Gilboa 345kV Voltage	SBK Princetown 345	5.0	327.8	327.1	2682
2984 >E	Oakdale 345kV Voltage	Ph2 DC 1500	15.4	320	316.2	3256
2986 >E	Oakdale 345kV Voltage	Volney-Marcy	14.3	320	324.6	2914
2987 >E	Station 80 345kV Voltage	Marcy South S.	13.0	327.8	331.5	3440
2987 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	18.5	218.5	222.7	2721
2992 >E	Ramapo 345kV Voltage	Ravenswood 3	7.3	327.8	337.1	3046
2994 >E	Fraser 345kV Voltage	Marcy South S.	11.3	327.8	327.8	3443
2996 >E	Niagara 230kV East Voltage	SBK Marcy R3108	12.8	218.5	224.5	2722
2996 >E	Niagara 230kV West Voltage	SBK Marcy R3108	12.8	218.5	224.5	2722

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2996 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	6.3	327.8	329.7	2687
2996 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	6.3	327.8	329.7	2686
2997 >E	Ladentown 345kV Voltage	Ravenswood 3	7.3	327.8	337.7	3050
3001 >E	Gordon Rd 345kV Voltage	Volney-Marcy	17.3	327.8	328.2	2928
3005 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	9.1	327.8	328.3	2950
3005 >E	Rock Tavern 345kV Voltage	SBK Edic R70	6.8	327.8	328.4	3048
3005 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	328.4	2951
3006 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	9.1	327.8	328.3	2951
3007 >E	Dunwoodie 345kV Voltage	SBK Edic R70	9.2	327.8	328.0	3050
3008 >E	Gilboa 345kV Voltage	Marcy South S.	10.8	327.8	344.0	3449
3009 >E	Sprain Brook 345kV Voltage	SBK Edic R70	9.2	327.8	328.0	3052
3009 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	9.3	327.8	327.8	3009
3009 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	327.8	2690
3009 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	6.9	327.8	327.8	3009
3009 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	7.9	327.8	333.6	3058
3009 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	9.1	327.8	327.8	2689
3010 >E	Bowline 1 345kV Voltage	Ravenswood 3	7.3	327.8	338.2	3058
3010 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	327.8	2690
3010 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	9.3	327.8	327.8	3010
3011 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	9.1	327.8	327.8	2690
3013 >E	Bowline 2 345kV Voltage	Ravenswood 3	7.3	327.8	338.3	3060
3014 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	20.7	500	501.5	2691
3014 >E	Ramapo 500kV Voltage	SBK Princetown 345	20.7	500	501.4	2690
3014 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	10.8	327.8	324.9	2724
3016 >E	St.Lawrence 230kV Voltage	Marcy South N.	27.1	218.5	227.8	3729
3020 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	15.8	218.5	220.9	2078
3020 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	15.8	218.5	220.9	2078
3022 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	12.0	218.5	220.6	2693
3022 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	12.0	218.5	220.6	2693
3022 >E	Niagara 230kV East Voltage	SBK Princetown 345	12.0	218.5	220.6	2692
3022 >E	Niagara 230kV West Voltage	SBK Princetown 345	12.0	218.5	220.6	2692
3024 >E	Niagara 230kV East Voltage	SBK Edic R945	16.1	218.5	220.7	2182
3024 >E	Niagara 230kV West Voltage	SBK Edic R945	16.1	218.5	220.7	2182
3025 >E	Niagara 230kV East Voltage	Ravenswood 3	12.4	218.5	220.4	3068
3025 >E	Niagara 230kV West Voltage	Ravenswood 3	12.4	218.5	220.4	3068

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3027 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	9.0	327.8	328.4	2970
3027 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	38.2	500	505.0	2081
3027 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	9.3	327.8	328.5	2694
3027 >E	Buchanan North 345kV Voltage	SBK Princetown 345	9.3	327.8	328.5	2693
3029 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	9.6	327.8	328.4	2972
3030 >E	Millwood 345kV Voltage	SBK Edic R70	9.2	327.8	328.0	3075
3031 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	16.6	218.5	220.3	2180
3031 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	16.6	218.5	220.3	2180
3031 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	9.0	327.8	327.9	2695
3031 >E	Buchanan North 345kV Voltage	SBK Edic R70	9.7	327.8	328.1	3077
3032 >E	Millwood 345kV Voltage	SBK Princetown 345	9.0	327.8	327.9	2694
3032 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	9.2	327.8	327.8	3032
3033 >E	Roseton 345kV Voltage	Ravenswood 3	7.9	327.8	335.1	3073
3034 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	9.8	327.8	327.8	3034
3034 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	9.6	327.8	333.2	2727
3034 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	9.6	327.8	333.2	2727
3036 >E	Watercure 230kV Voltage	Marcy South N.	18.3	207	226.6	3741
3038 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	23.8	500	500.5	2980
3043 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	25.4	218.5	226.0	2090
3046 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	9.2	327.8	328.5	2987
3048 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	328.3	2699
3048 >E	Ramapo 500kV Voltage	SBK Edic R70	24.7	500	500.1	3094
3048 >E	Buchanan South 345kV Voltage	SBK Princetown 345	9.2	327.8	328.2	2698
3049 >E	Buchanan South 345kV Voltage	SBK Edic R70	9.4	327.8	328.1	3096
3050 >E	Ramapo 500kV Voltage	Pre-Fault	24.7	NA	500	3050
3050 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	24.7	500	500.0	3050
3051 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	14.1	218.5	218.6	2992
3051 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	14.1	218.5	218.6	2992
3052 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	8.9	327.8	329.0	2992
3052 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	14.2	218.5	218.5	3052
3052 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	14.2	218.5	218.5	3052
3052 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	9.5	327.8	327.8	3052
3055 >E	Niagara 230kV East Voltage	SBK Edic R70	14.5	218.5	218.2	3102
3055 >E	Niagara 230kV West Voltage	SBK Edic R70	14.5	218.5	218.2	3102
3056 >E	Ramapo 500kV Voltage	SBK Edic R945	42.0	500	504.6	2201
3057 >E	St.Lawrence 230kV Voltage	SBK Edic R945	27.9	218.5	225.9	2202
3062 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	9.3	327.8	327.9	3109
3063 >E	Somerset 345kV Voltage	SBK Marcy R3108	12.0	327.8	354.8	2730

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3063 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	7.4	327.8	327.8	3063
3063 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	7.4	327.8	327.8	3003
3063 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	7.4	327.8	327.8	2702
3063 >E	Leeds 345kV Voltage	SBK Edic R70	7.4	327.8	327.8	3111
3063 >E	Leeds 345kV Voltage	SBK Princetown 345	7.4	327.8	327.8	2701
3063 >E	Leeds 345kV Voltage	Ravenswood 3	7.4	327.8	327.8	3093
3063 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	9.3	327.8	327.8	3063
3064 >E	Fraser 345kV Voltage	Volney-Marcy	18.6	327.8	327.8	2986
3067 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	9.2	327.8	327.3	2703
3068 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	9.2	327.8	327.3	2702
3073 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	9.6	327.8	329.2	2705
3073 >E	Ramapo 345kV Voltage	SBK Princetown 345	9.6	327.8	329.1	2703
3078 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	45.7	500	504.3	2207
3080 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	10.0	327.8	328.4	3018
3082 >E	Watercure 230kV Voltage	SBK Marcy R3108	11.3	207	229.4	2732
3083 >E	Ramapo 345kV Voltage	SBK Edic R70	10.1	327.8	328.2	3132
3084 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	9.5	327.8	329.0	2707
3084 >E	Ladentown 345kV Voltage	SBK Princetown 345	9.5	327.8	329.0	2706
3087 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	10.2	327.8	327.8	3087
3089 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	9.8	327.8	328.5	3026
3092 >E	Ladentown 345kV Voltage	SBK Edic R70	9.9	327.8	328.2	3142
3096 >E	Pannell Road 345kV Voltage	Volney-Marcy	31.4	327.8	332.9	3015
3096 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	10.0	327.8	327.8	3096
3099 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	14.2	327.8	338.2	2118
3099 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	9.7	327.8	328.6	2711
3100 >E	Roseton 345kV Voltage	SBK Princetown 345	9.7	327.8	328.5	2709
3100 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	9.8	327.8	328.5	3036
3101 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	9.5	327.8	329.1	2711
3101 >E	Bowline 1 345kV Voltage	SBK Princetown 345	9.6	327.8	329.1	2710
3104 >E	Roseton 345kV Voltage	SBK Edic R70	10.0	327.8	328.1	3155
3105 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	9.5	327.8	329.1	2712
3105 >E	Bowline 2 345kV Voltage	SBK Princetown 345	9.5	327.8	329.1	2711
3107 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	9.9	327.8	328.5	3042
3107 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	10.1	327.8	327.8	3107

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3110 >E	Bowline 1 345kV Voltage	SBK Edic R70	10.0	327.8	328.2	3161
3111 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	9.8	327.8	328.6	3045
3112 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	33.9	218.5	225.2	2226
3114 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	10.1	327.8	327.8	3114
3114 >E	Somerset 345kV Voltage	Marcy South N.	19.5	327.8	344.8	3788
3114 >E	Bowline 2 345kV Voltage	SBK Edic R70	10.0	327.8	328.2	3166
3118 >E	Somerset 345kV Voltage	SBK Edic R945	15.2	327.8	337.3	2238
3118 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	10.1	327.8	327.8	3118
3122 >E	Fraser 345kV Voltage	Marcy South N.	15.6	327.8	327.8	3793
3148 >E	Gilboa 345kV Voltage	SBK Marcy R3108	13.4	327.8	330.1	2740
3148 >E	Ramapo 500kV Voltage	Marcy South S.	39.6	500	502.1	3507
3153 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	16.9	327.8	335.8	2250
3155 >E	Niagara 230kV East Voltage	Ph2 DC 1500	26.0	218.5	220.0	3394
3155 >E	Niagara 230kV West Voltage	Ph2 DC 1500	26.0	218.5	220.0	3394
3156 >E	St.Lawrence 230kV Voltage	Marcy South S.	33.9	218.5	221.3	3510
3175 >E	Leeds 345kV Voltage	Marcy South S.	14.9	327.8	348.8	3518
3178 >E	Fraser 345kV Voltage	Ph2 DC 1500	24.9	327.8	302.7	3413
3235 >E	St.Lawrence 230kV Voltage	Volney-Marcy	44.2	218.5	221.2	3143
3242 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	20.2	207	225.8	2190
3246 >E	Rainey 345kV Voltage	Ravenswood 3	19.1	327.8	342.5	3211
3248 >E	Station 80 345kV Voltage	Volney-Marcy	40.8	327.8	333.4	3154
3250 >E	Coopers Corners 345kV Voltage	Volney-Marcy	29.9	327.8	328.1	3156
3265 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	34.8	327.8	306.1	3483
3268 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	20.7	327.8	342.9	2203
3271 >E	Farragut 345kV Voltage	Ravenswood 3	20.2	327.8	341.8	3227
3279 >E	Ramapo 500kV Voltage	Volney-Marcy	56.2	500	500.6	3184
3282 >E	Gilboa 345kV Voltage	Marcy South N.	21.2	327.8	338.6	3889
3300 >E	Watercure 230kV Voltage	SBK Edic R945	22.8	207	224.9	2346
3307 >E	Gilboa 345kV Voltage	SBK Edic R945	22.4	327.8	342.0	2350
3329 >E	Gordon Rd 345kV Voltage	SBK Edic R945	23.4	327.8	319.5	2363
3331 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	18.8	327.8	336.9	2235
3348 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	23.9	327.8	335.8	2374
3348 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	23.9	327.8	335.8	2374
3350 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	23.4	327.8	335.7	2245
3350 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	23.4	327.8	335.7	2245
3356 >E	Niagara 345kV Voltage	SBK Edic R945	19.7	327.8	336.0	2379
3366 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	25.9	327.8	328.8	3263
3366 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	25.9	327.8	328.8	3263
3367 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	23.3	327.8	324.8	2767
3370 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	36.1	327.8	311.4	3568
3370 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	36.1	327.8	311.4	3568

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3370 >E	Somerset 345kV Voltage	Marcy South S.	24.3	327.8	333.1	3598
3378 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	25.6	327.8	340.4	2377
3388 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	26.0	327.8	317.0	2383
3395 >E	Rainey 345kV Voltage	Pre-Fault	33.1	NA	338	3395
3397 >E	Gardenville 230kV Voltage	SBK Marcy R3108	22.2	207	226.8	2770
3397 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	21.2	327.8	334.4	2388
3403 >E	Farragut 345kV Voltage	Pre-Fault	34.7	NA	338	3403
3410 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	27.9	207	223.2	2395
3411 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	26.7	327.8	334.0	2396
3411 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	26.7	327.8	334.0	2396
3434 >E	Ramapo 500kV Voltage	Marcy South N.	83.5	500	502.7	3981
3443 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	25.0	207	215.5	2292
3452 >E	Goethals 345kV Voltage	Ravenswood 3	27.4	327.8	340.7	3345
3461 >E	Ramapo 500kV Voltage	Ph2 DC 1500	239.6	500	502.7	3642
3470 >E	Gardenville 230kV Voltage	SBK Edic R945	26.1	207	214.8	2446
3500 >E	Leeds 345kV Voltage	SBK Marcy R3108	23.7	327.8	327.8	2783
3506 >E	Leeds 345kV Voltage	Marcy South N.	27.4	327.8	343.4	4024
3511 >E	Niagara 230kV East Voltage	Marcy South N.	56.5	218.5	227.6	4028
3511 >E	Niagara 230kV West Voltage	Marcy South N.	56.5	218.5	227.6	4028
3515 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	27.9	207	213.5	2454
3524 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	30.5	327.8	326.8	2786
3548 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	38.8	327.8	325.9	2788
3563 >E	Pleasant Valley 345kV Voltage	Marcy South S.	39.6	327.8	343.4	3678
3575 >E	Goethals 345kV Voltage	Pre-Fault	46.5	NA	338	3575
3579 >E	Millwood 345kV Voltage	SBK Marcy R3108	38.7	327.8	325.6	2792
3586 >E	Gilboa 345kV Voltage	Volney-Marcy	33.1	327.8	328.3	3465
3587 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	45.2	327.8	325.6	2793
3587 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	45.6	327.8	325.6	2793
3628 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	38.0	327.8	325.5	2798
3637 >E	Coopers Corners 345kV Voltage	Marcy South N.	28.4	327.8	304.9	4104
3666 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	32.0	207	233.2	2840
3669 >E	Watercure 230kV Voltage	SBK Princetown 345	32.1	207	233.2	2836
3674 >E	Pleasant Valley 345kV Voltage	Marcy South N.	41.7	327.8	336.6	4126
3679 >E	Gilboa 345kV Voltage	Ph2 DC 1500	40.3	327.8	300.2	3819
3680 >E	Ramapo 345kV Voltage	SBK Marcy R3108	36.9	327.8	325.3	2804
3698 >E	Roseton 345kV Voltage	SBK Marcy R3108	34.2	327.8	325.6	2806
3706 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	44.0	327.8	345.0	2425
3710 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	32.3	327.8	328.5	3585
3716 >E	Niagara 345kV Voltage	Marcy South N.	36.1	327.8	347.7	4151
3719 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr	32.4	327.8	328.2	2853

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3720 >E	Rainey 345kV Voltage	SBK Princetown 345	32.5	327.8	328.2	2847
3726 >E	Rainey 345kV Voltage	SBK Edic R70	32.9	327.8	328.0	3826
3727 >E	Dunwoodie 345kV Voltage	Marcy South N.	55.6	327.8	329.3	4158
3732 >E	Ramapo 500kV Voltage	SBK Marcy R3108	118.7	500	502.7	2811
3733 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	33.1	327.8	327.8	3733
3733 >E	Ladentown 345kV Voltage	SBK Marcy R3108	37.1	327.8	325.3	2811
3733 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	33.8	327.8	328.5	3606
3742 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	34.0	327.8	328.2	2858
3743 >E	Farragut 345kV Voltage	SBK Princetown 345	34.0	327.8	328.2	2852
3750 >E	Farragut 345kV Voltage	SBK Edic R70	34.4	327.8	328.0	3851
3751 >E	Watercure 230kV Voltage	Volney-Marcy	36.6	207	212.4	3616
3756 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	34.7	327.8	327.8	3756
3769 >E	Sprain Brook 345kV Voltage	Marcy South N.	57.4	327.8	329.4	4183
3793 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	37.1	327.8	325.1	2818
3809 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	37.0	327.8	325.1	2820
3812 >E	Rock Tavern 345kV Voltage	SBK Edic R945	49.3	327.8	344.4	2649
3910 >E	Millwood 345kV Voltage	Marcy South N.	57.0	327.8	330.5	4268
3969 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	56.9	327.8	343.3	2711
4019 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	45.4	327.8	328.5	3863
4024 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	56.5	327.8	303.6	4099
4030 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	45.6	327.8	328.2	2924
4030 >E	Watercure 230kV Voltage	Ravenswood 3	47.2	207	233.5	3720
4031 >E	Goethals 345kV Voltage	SBK Princetown 345	45.6	327.8	328.2	2917
4041 >E	Goethals 345kV Voltage	SBK Edic R70	46.2	327.8	328.0	4165
4050 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	46.5	327.8	327.8	4050
4055 >E	Gardenville 230kV Voltage	Marcy South N.	54.3	207	226.7	4355
4123 >E	Niagara 230kV East Voltage	Marcy South S.	97.4	218.5	222.4	3909
4123 >E	Niagara 230kV West Voltage	Marcy South S.	97.4	218.5	222.4	3909
4142 >E	Buchanan North 345kV Voltage	Marcy South N.	67.8	327.8	328.2	4408
4155 >E	Buchanan South 345kV Voltage	Marcy South N.	62.8	327.8	330.0	4416
4160 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	80.2	327.8	315.2	4209
4168 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	77.2	327.8	340.3	2659
4199 >E	Niagara 345kV Voltage	Marcy South S.	46.6	327.8	334.8	3940
4219 >E	Roseton 345kV Voltage	Marcy South N.	54.9	327.8	331.9	4455
4246 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	66.2	327.8	344.0	2699
4253 >E	Rock Tavern 345kV Voltage	Marcy South N.	52.9	327.8	319.6	4475
4260 >E	Somerset 345kV Voltage	Volney-Marcy	66.4	327.8	336.1	4083
4309 >E	Buchanan North 345kV Voltage	SBK Edic R945	85.6	327.8	339.7	2943

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4333 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	70.1	327.8	308.8	4349
4349 >E	Millwood 345kV Voltage	Ph2 DC 1500	82.9	327.8	312.3	4362
4354 >E	Roseton 345kV Voltage	Marcy South S.	61.0	327.8	339.2	4004
4357 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	95.4	327.8	314.4	4368
4366 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	96.3	327.8	314.3	4376
4408 >E	Ramapo 345kV Voltage	SBK Edic R945	73.8	327.8	343.2	3002
4409 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	80.6	327.8	311.6	4410
4470 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	71.3	327.8	344.8	2812
4486 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	95.7	327.8	338.9	3003
4493 >E	Millwood 345kV Voltage	Marcy South S.	88.2	327.8	337.4	4062
4515 >E	Ramapo 345kV Voltage	Ph2 DC 1500	80.2	327.8	309.1	4497
4575 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	71.0	327.8	345.9	2865
4598 >E	Leeds 345kV Voltage	Ph2 DC 1500	64.5	327.8	291.8	4563
4598 >E	Leeds 345kV Voltage	Volney-Marcy	64.4	327.8	327.8	4392
4605 >E	Buchanan North 345kV Voltage	Marcy South S.	86.7	327.8	330.4	4108
4607 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	70.9	327.8	346.2	2882
4612 >E	Ladentown 345kV Voltage	Ph2 DC 1500	79.5	327.8	308.5	4575
4614 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	83.3	327.8	342.2	3076
4651 >E	Ladentown 345kV Voltage	SBK Edic R945	79.3	327.8	343.9	3146
4663 >E	Sprain Brook 345kV Voltage	Marcy South S.	111.4	327.8	336.7	4132
4672 >E	Dunwoodie 345kV Voltage	Marcy South S.	113.1	327.8	336.8	4136
4744 >E	Buchanan South 345kV Voltage	Marcy South S.	89.4	327.8	334.9	4165
4750 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	79.9	327.8	306.7	4687
4768 >E	Bowline 1 345kV Voltage	SBK Edic R945	78.9	327.8	345.0	3215
4773 >E	Roseton 345kV Voltage	Ph2 DC 1500	80.2	327.8	302.9	4706
4781 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	79.7	327.8	306.4	4712
4793 >E	Ramapo 345kV Voltage	Marcy South N.	80.0	327.8	326.8	4801
4805 >E	Bowline 2 345kV Voltage	SBK Edic R945	78.9	327.8	345.3	3237
4871 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	100.0	327.8	343.0	3015
4882 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	89.2	327.8	342.9	3228
4897 >E	Ladentown 345kV Voltage	Marcy South N.	81.2	327.8	328.3	4863
4949 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	79.0	207	236.9	3134
4956 >E	Gardenville 230kV Voltage	SBK Princetown 345	79.3	207	236.9	3122
4993 >E	Rock Tavern 345kV Voltage	Volney-Marcy	99.8	327.8	328.9	4754
5014 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	88.8	327.8	343.9	3302
5055 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	88.8	327.8	344.2	3325
5081 >E	Buchanan South 345kV Voltage	SBK Edic R945	110.9	327.8	342.4	3401
5103 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	103.6	327.8	423.4	3169
5121 >E	Somerset 345kV Voltage	SBK Princetown 345	104.5	327.8	424.0	3159

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5218 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	96.1	327.8	343.9	3191
5233 >E	Ramapo 345kV Voltage	Marcy South S.	92.6	327.8	327.8	4367
5264 >E	Bowline 1 345kV Voltage	Marcy South N.	89.8	327.8	328.4	5085
5272 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	85.1	327.8	327.8	3448
5272 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	85.1	327.8	327.8	3218
5272 >E	Leeds 345kV Voltage	SBK Edic R945	85.1	327.8	327.8	3514
5287 >E	Bowline 2 345kV Voltage	Marcy South N.	89.3	327.8	328.5	5099
5371 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	125.0	327.8	341.6	3504
5386 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	132.9	327.8	342.9	3275
5426 >E	Roseton 345kV Voltage	SBK Edic R945	105.0	327.8	343.1	3605
5440 >E	Ladentown 345kV Voltage	Marcy South S.	98.5	327.8	328.2	4453
5444 >E	Buchanan North 345kV Voltage	Volney-Marcy	146.8	327.8	328.9	5168
5645 >E	Millwood 345kV Voltage	SBK Edic R945	147.7	327.8	342.5	3735
5669 >E	Niagara 230kV East Voltage	Volney-Marcy	214.8	218.5	223.4	5375
5669 >E	Niagara 230kV West Voltage	Volney-Marcy	214.8	218.5	223.4	5375
5707 >E	Gardenville 230kV Voltage	Ravenswood 3	107.9	207	238.2	4809
5748 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	117.9	327.8	341.8	3717
5796 >E	Rock Tavern 345kV Voltage	Marcy South S.	99.8	327.8	308.2	4599
5852 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	180.9	327.8	342.2	3512
5863 >E	Ramapo 345kV Voltage	Volney-Marcy	136.2	327.8	329.4	5552
5884 >E	Bowline 1 345kV Voltage	Marcy South S.	108.8	327.8	325.8	4636
5914 >E	Bowline 2 345kV Voltage	Marcy South S.	108.3	327.8	326.0	4648
5944 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	132.1	327.8	338.8	3558
5991 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	190.0	327.8	342.4	3582
6036 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	168.1	327.8	341.8	3880
6053 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	138.3	327.8	338.4	3976
6092 >E	Niagara 345kV Voltage	Volney-Marcy	112.0	327.8	337.8	5762
6173 >E	Sprain Brook 345kV Voltage	SBK Edic R945	202.1	327.8	341.9	4047
6205 >E	Ladentown 345kV Voltage	Volney-Marcy	143.0	327.8	329.4	5866
6262 >E	Gardenville 230kV Voltage	Ph2 DC 1500	133.5	207	198.2	5913
6297 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	158.4	327.8	328.5	5950
6334 >E	Dunwoodie 345kV Voltage	SBK Edic R945	212.8	327.8	342.2	4142
6376 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	152.0	327.8	337.1	4072
6439 >E	Bowline 1 345kV Voltage	Volney-Marcy	143.2	327.8	329.5	6081
6502 >E	Bowline 2 345kV Voltage	Volney-Marcy	143.0	327.8	329.6	6138
6513 >E	Gardenville 230kV Voltage	Marcy South S.	142.1	207	219.8	4895
6671 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	231.9	327.8	341.5	4239
6790 >E	Roseton 345kV Voltage	Volney-Marcy	161.5	327.8	328.8	6402
6797 >E	Rainey 345kV Voltage	SBK Marcy R3108	149.3	327.8	324.5	3179
6862 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	244.6	327.8	341.8	4347
6865 >E	Buchanan South 345kV Voltage	Volney-Marcy	199.4	327.8	329.2	6471

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6873 >E	Farragut 345kV Voltage	SBK Marcy R3108	155.2	327.8	324.6	3188
7258 >E	Coopers Corners 345kV Voltage	Marcy South S.	112.8	327.8	137.5	5202
7975 >E	Millwood 345kV Voltage	Volney-Marcy	277.0	327.8	329.2	7489
8323 >E	Goethals 345kV Voltage	SBK Marcy R3108	213.5	327.8	324.4	3362
8576 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	845.5	327.8	47.6	7788
8639 >E	Rainey 345kV Voltage	Marcy South N.	218.9	327.8	330.8	7121
8838 >E	Farragut 345kV Voltage	Marcy South N.	230.9	327.8	330.8	7241
9045 >E	Gardenville 230kV Voltage	Volney-Marcy	235.5	207	219.0	8470
9563 >E	Sprain Brook 345kV Voltage	Volney-Marcy	420.1	327.8	329.3	8945
10046 >E	Dunwoodie 345kV Voltage	Volney-Marcy	453.3	327.8	329.3	9387
10763 >E	Rainey 345kV Voltage	Ph2 DC 1500	301.9	327.8	307.0	9561
10863 >E	Farragut 345kV Voltage	Ph2 DC 1500	311.9	327.8	307.7	9642
10932 >E	Goethals 345kV Voltage	Marcy South N.	315.1	327.8	330.7	8504
11761 >E	Rainey 345kV Voltage	Marcy South S.	337.1	327.8	343.7	7060
11870 >E	Farragut 345kV Voltage	Marcy South S.	348.1	327.8	343.4	7106
13160 >E	Goethals 345kV Voltage	Ph2 DC 1500	405.2	327.8	310.4	11503
15010 >E	Goethals 345kV Voltage	Marcy South S.	474.5	327.8	344.8	8401
16245 >E	Northport 138kV Voltage	SBK Marcy R3108	1054.0	131.1	129.6	4314
17067 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	546.8	327.8	351.6	9189
17096 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	537.1	327.8	352.1	9204
19017 >E	Farragut 345kV Voltage	SBK Edic R945	622.9	327.8	351.3	11653
19092 >E	Rainey 345kV Voltage	SBK Edic R945	613.4	327.8	351.8	11697
21305 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	710.8	327.8	350.9	12515
21459 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	702.6	327.8	351.4	12602
21977 >E	Niagara 345kV Voltage	SBK Marcy R3108	691.5	327.8	1420.5	5002

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
22138 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	750.6	327.8	354.3	11756
25160 >E	Goethals 345kV Voltage	SBK Edic R945	869.4	327.8	354.4	15291
27219 >E	Northport 138kV Voltage	Ph2 DC 1500	1922.8	131.1	124.2	22898
28486 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	998.7	327.8	354.6	16576
38952 >E	Farragut 345kV Voltage	Volney-Marcy	1398.6	327.8	332.1	35889
39672 >E	Rainey 345kV Voltage	Volney-Marcy	1398.6	327.8	331.6	36548
65203 >E	Goethals 345kV Voltage	Volney-Marcy	2440.1	327.8	333.7	59955
99998 >E	Clay 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
99998 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 D1b Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998

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Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
>E						
99998	Station 80 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

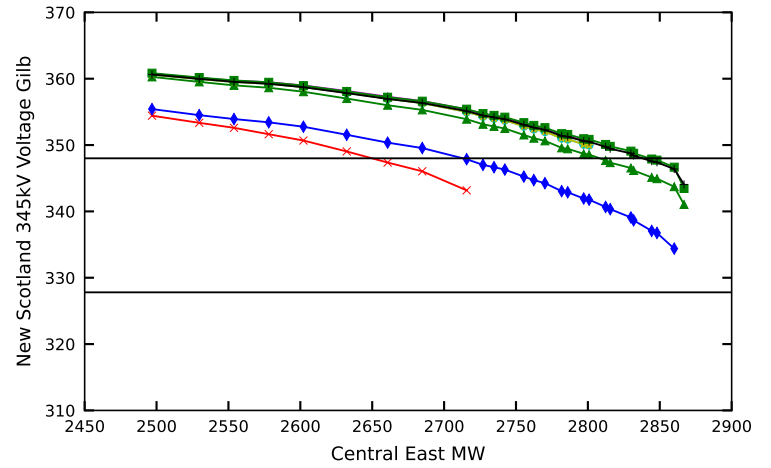
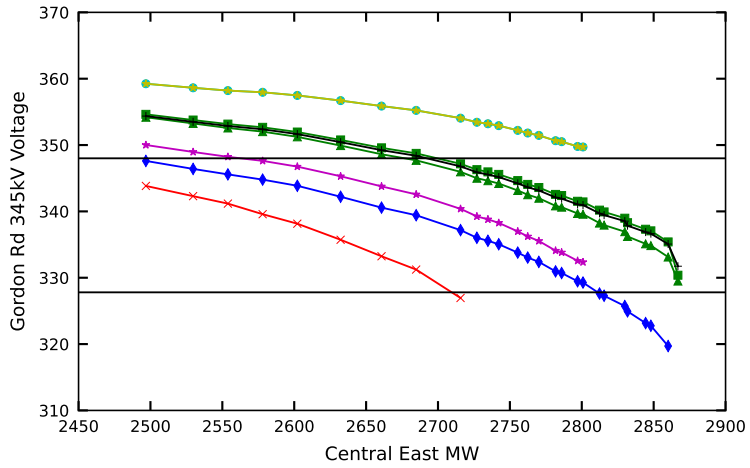
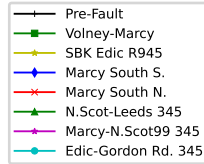
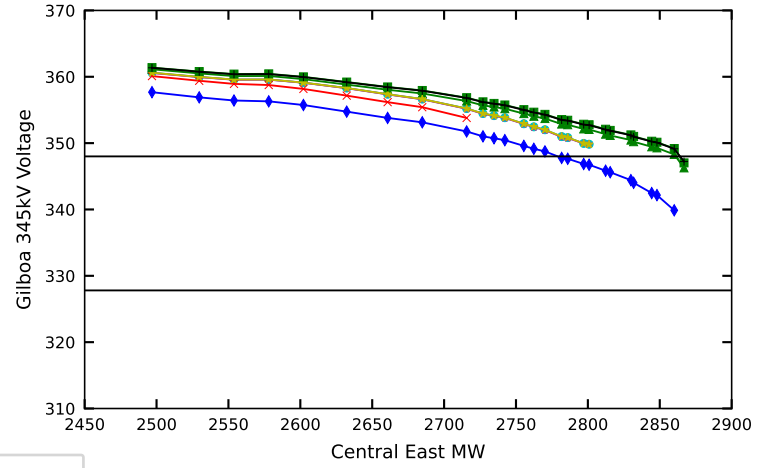
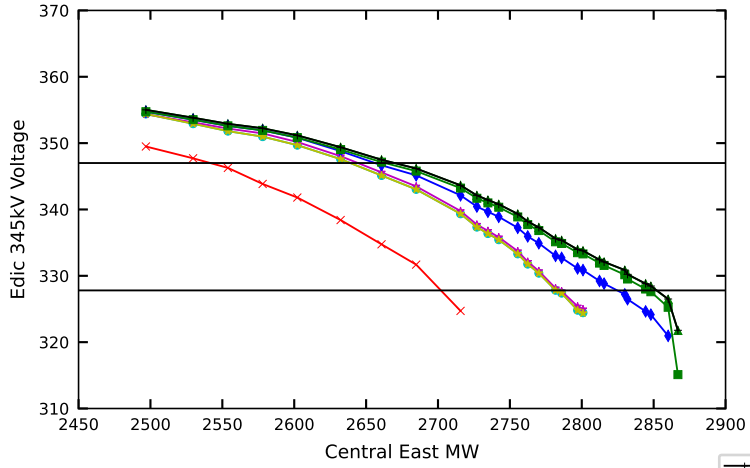
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\55_OS\Sum2023_CEVC_PH2_20_55_OS.xlsx

1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 55_OS

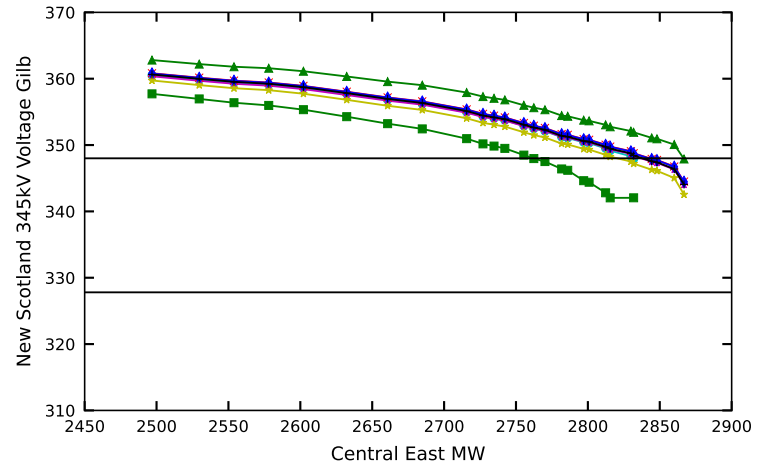
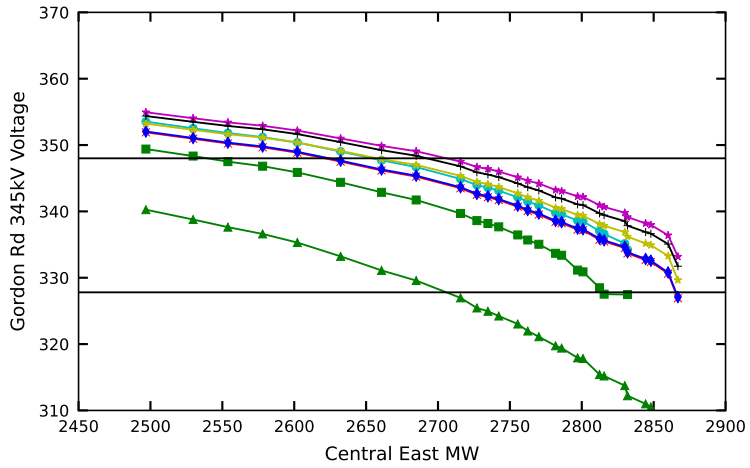
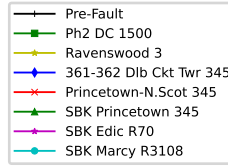
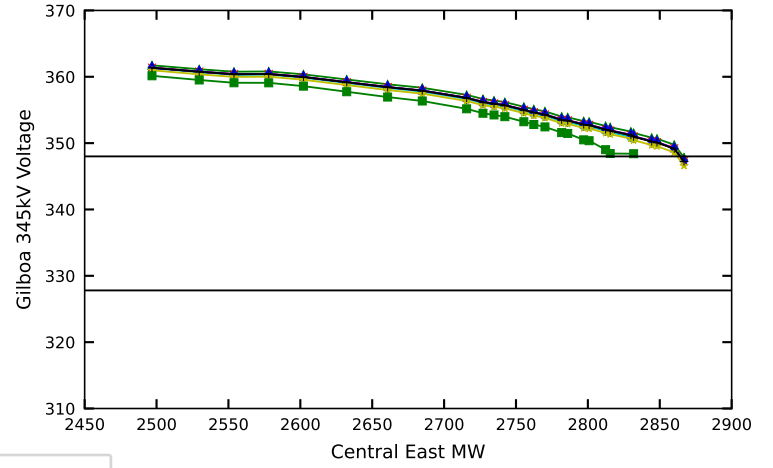
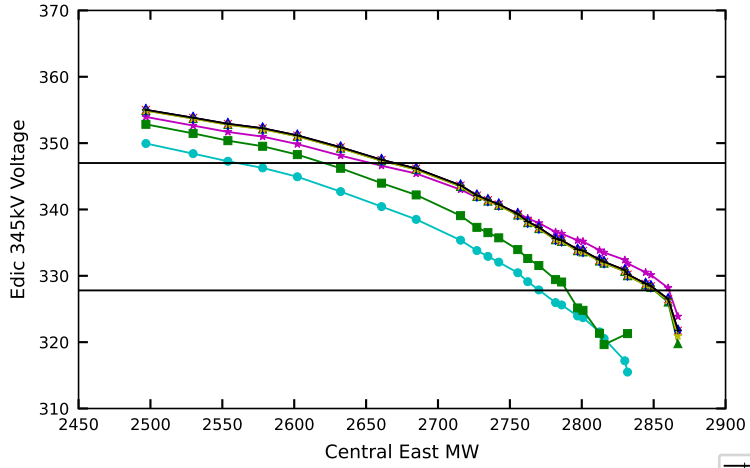
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
99999 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99999
99999 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99999
99999 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99999
99999 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

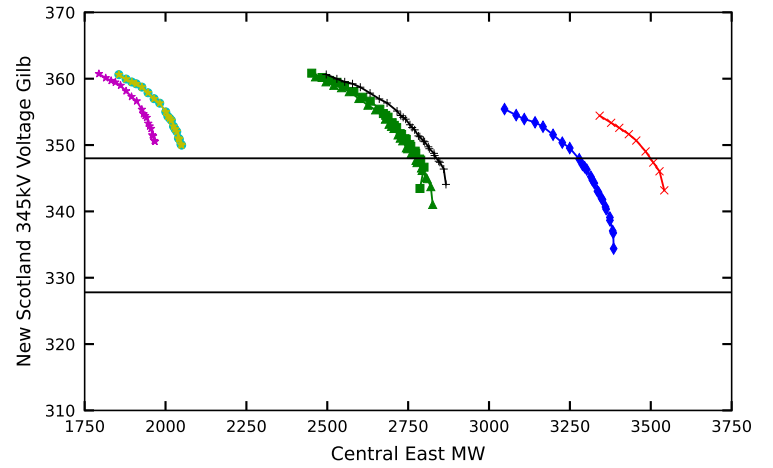
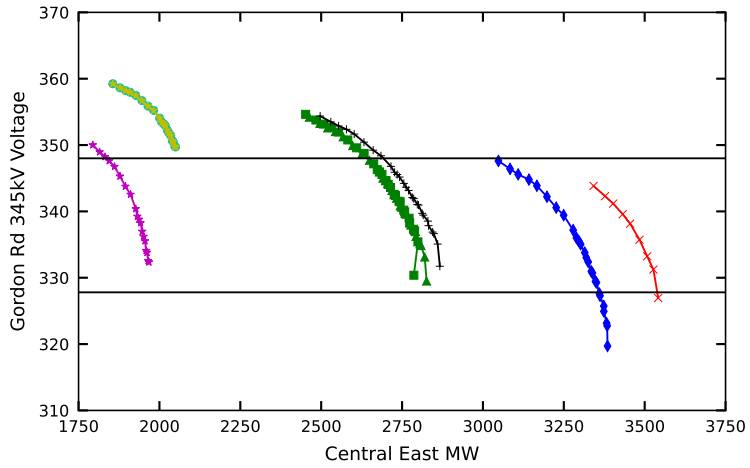
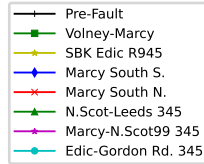
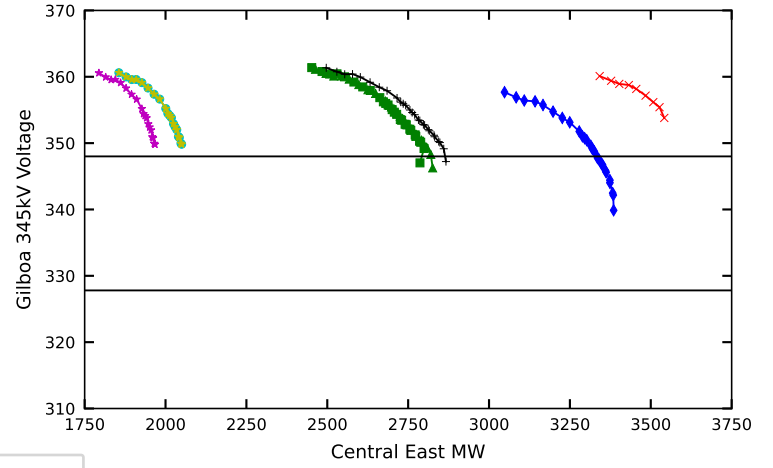
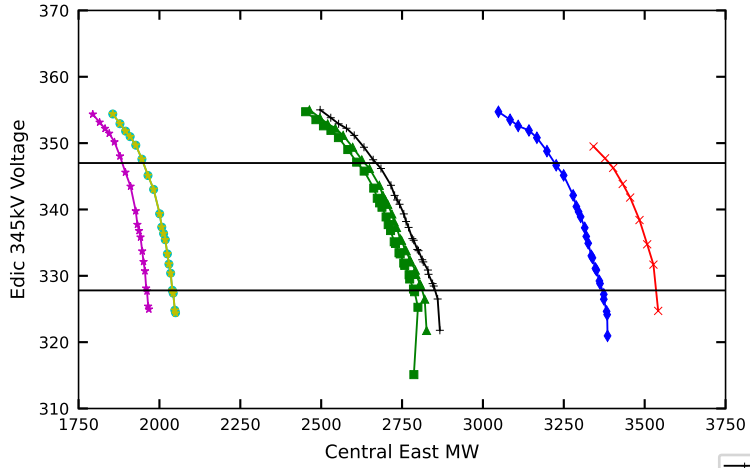
1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS Figure 1



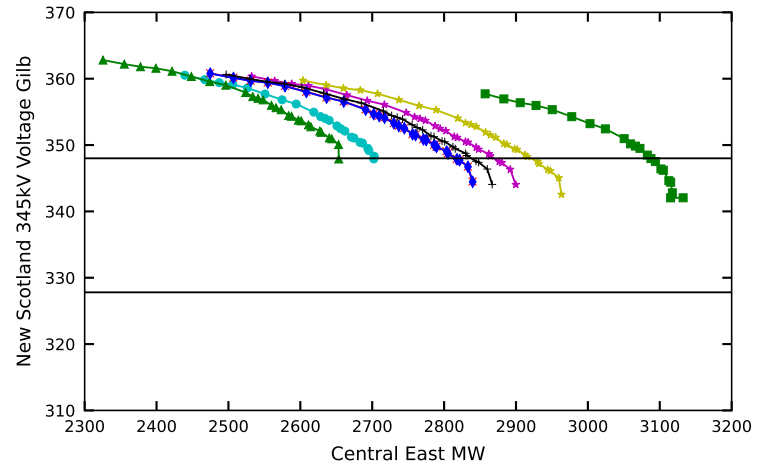
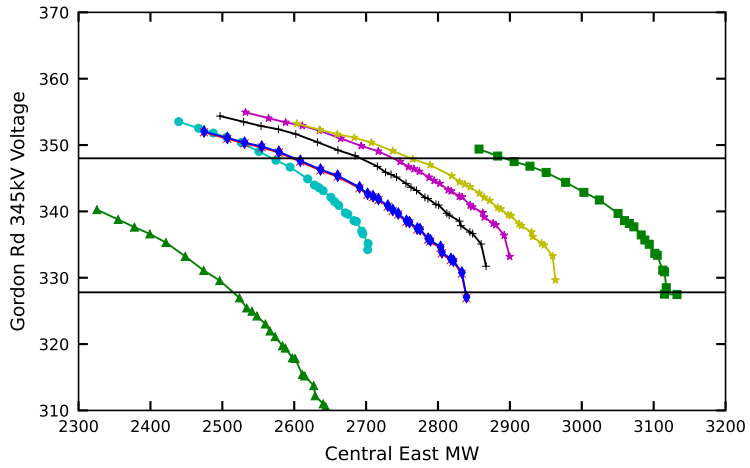
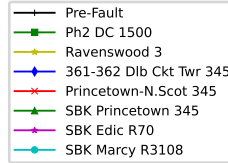
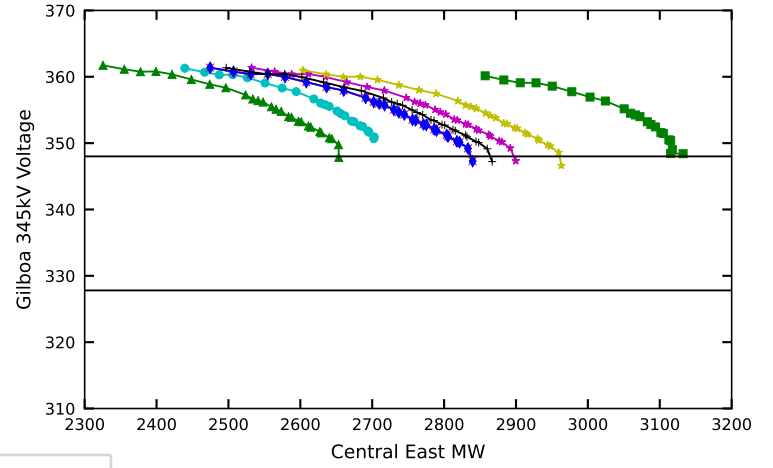
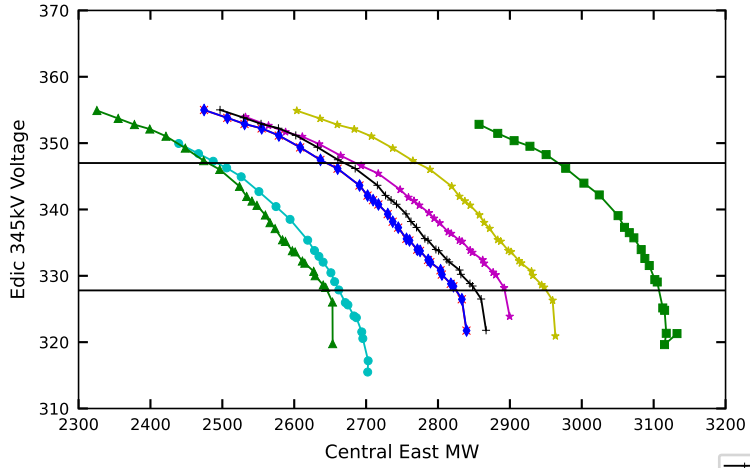
1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS Figure 2



1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS Figure 1



1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS Figure 2



Voltage Contingency Analysis Procedure (VCAP)

03-02-2023 16:30

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 2O 361_OS

Interface: Central East

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\2O\361_OS\Sum2023_CEVC_PH2_2O_361_OS.xlsx

1: 2023S CEVC PH2 CE2550 MS2270 DE1300 2O 361_OS

Interface: Central East

Princetown-N.Scot 345 ce32)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
361-362 Dlb Ckt Twr 345 log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravenswood 3 log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	2	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2320 <E	Dunwoodie 345kV Voltage	Pre-Fault	153.3	NA	348	2320
2344 <E	Sprain Brook 345kV Voltage	Pre-Fault	147.3	NA	348	2344
2579	limit with 5% margin	Marcy South N.	NA	NA	NA	3364
2654	Marcy 345kV Voltage	Pre-Fault	14.9	NA	348	2654
2660	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1947
2660	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1869
2660	limit with 5% margin	SBK Edic R945	NA	NA	NA	1947
2669	Edic 345kV Voltage	Pre-Fault	18.3	NA	347	2669
2671	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2961
2688	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2567
2692	Gordon Rd 345kV Voltage	Pre-Fault	19.3	NA	348	2692
2702	Edic 345kV Voltage	Marcy South N.	4.4	327.8	344.8	3535
2703	Marcy 345kV Voltage	Marcy South N.	4.4	327.8	344.7	3536
2705	Gordon Rd 345kV Voltage	SBK Princetown 345	11.8	327.8	347.3	2515
2709	Gordon Rd 345kV Voltage	Marcy South N.	7.2	327.8	347.1	3538
2713	Station 80 345kV Voltage	Pre-Fault	15.3	NA	346	2713
2714	Pannell Road 345kV Voltage	Pre-Fault	16.2	NA	346	2714
2714	Clay 345kV Voltage	Marcy South N.	4.9	327.8	345.9	3541
2717	limit with 5% margin	Marcy South S.	NA	NA	NA	3215
2717	limit with 5% margin	Volney-Marcy	NA	NA	NA	2659
2723	Clay 345kV Voltage	Pre-Fault	9.5	NA	345	2723
2723	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2684
2723	limit with 5% margin	SBK Edic R70	NA	NA	NA	2754
2723	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2520
2723	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2697
2723	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2697
2723	limit with 5% margin	Ravenswood 3	NA	NA	NA	2815
2736	Millwood 345kV Voltage	Pre-Fault	129.0	NA	348	2736
2756 >E	Oakdale 345kV Voltage	Marcy South N.	5.6	320	345.7	3561
2759 >E	Pannell Road 345kV Voltage	Marcy South N.	6.9	327.8	343.2	3562
2770	Edic 345kV Voltage	SBK Marcy R3108	6.1	327.8	337.2	2662
2777 >E	Station 80 345kV Voltage	Marcy South N.	7.4	327.8	341.8	3571
2780	Marcy 345kV Voltage	SBK Edic R945	4.5	327.8	335.8	2039
2780	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	335.8	2039
2781	Edic 345kV Voltage	SBK Edic R945	9.8	327.8	335.6	2039
2781	Edic 345kV Voltage	Edic-Gordon Rd. 345	9.8	327.8	335.6	2039
2784	Edic 345kV Voltage	Marcy-N.Scot99 345	9.4	327.8	335.4	1960
2789	Edic 345kV Voltage	Ph2 DC 1500	2.8	327.8	334.9	3107
2789	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.9	327.8	334.9	1962
2790	Marcy 345kV Voltage	Ph2 DC 1500	2.8	327.8	334.8	3107

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2805	Clay 345kV Voltage	SBK Marcy R3108	6.1	327.8	337.5	2689
2811	Gordon Rd 345kV Voltage	Marcy South S.	6.9	327.8	339.8	3359
2811	Buchanan North 345kV Voltage	Pre-Fault	51.6	NA	346	2811
2815 >E	Clay 345kV Voltage	Ph2 DC 1500	4.1	327.8	336.7	3118
2815 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	4.8	327.8	339.4	3118
2818 >E	Clay 345kV Voltage	SBK Edic R945	10.2	327.8	337.3	2060
2822 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	12.3	327.8	337.1	2062
2824 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	10.5	327.8	337.0	1981
2824	Edic 345kV Voltage	Marcy South S.	8.9	327.8	331.3	3369
2827	Marcy 345kV Voltage	Marcy South S.	8.8	327.8	331.1	3371
2837	New Scotland 345kV Voltage Alps	Pre-Fault	14.6	NA	348	2837
2837	New Scotland 345kV Voltage Gilb	Pre-Fault	14.6	NA	348	2837
2840	Oakdale 345kV Voltage	Pre-Fault	12.4	NA	335	2840
2846	Edic 345kV Voltage	Volney-Marcy	8.9	327.8	328.6	2787
2849	Marcy 345kV Voltage	Volney-Marcy	5.1	327.8	328.2	2789
2850	Edic 345kV Voltage	SBK Princetown 345	5.5	327.8	328.1	2645
2850	Edic 345kV Voltage	Ravenswood 3	6.1	327.8	328.0	2950
2851	Marcy 345kV Voltage	SBK Princetown 345	5.5	327.8	327.9	2646
2851	Marcy 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	327.8	2812
2851	Marcy 345kV Voltage	SBK Edic R70	6.1	327.8	327.8	2883
2851	Marcy 345kV Voltage	Ravenswood 3	6.1	327.8	327.8	2951
2851	Marcy 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	327.8	2825
2851	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	327.8	2825
2851	Edic 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	327.8	2825
2851	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	327.8	2825
2851	Edic 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	327.8	2812
2856 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.9	320	332.7	3126
2860 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	6.7	327.8	337.5	3127
2860	Edic 345kV Voltage	SBK Edic R70	1.6	327.8	326.1	2892
2860	Fraser 345kV Voltage	Pre-Fault	1.9	NA	338	2860
2862 >E	Clay 345kV Voltage	Marcy South S.	4.7	327.8	332.1	3385
2863	Rock Tavern 345kV Voltage	Pre-Fault	4.8	NA	348	2863
2864	Gilboa 345kV Voltage	Pre-Fault	3.5	NA	348	2864
2864	Clay 345kV Voltage	SBK Princetown 345	1.2	327.8	329.5	2653
2864	Coopers Corners 345kV Voltage	Pre-Fault	2.5	NA	338	2864
2865 >E	Clay 345kV Voltage	Volney-Marcy	6.1	327.8	331.8	2803
2865	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	1.8	327.8	332.5	2838
2865 >E	Marcy 345kV Voltage	SBK Marcy R3108	11.6	327.8	327.8	2720
2865	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr	1.8	327.8	332.4	2838

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2865	Pleasant Valley 345kV Voltage	Pre-Fault	6.8	NA	348	2865
2865	Clay 345kV Voltage	Ravenswood 3	1.4	327.8	328.9	2962
2867 >E	Clay 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	327.9	2826
2867 >E	Clay 345kV Voltage	Princetown-N.Scot 345	1.6	327.8	327.9	2840
2867 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	1.6	327.8	327.9	2840
2869 >E	Clay 345kV Voltage	SBK Edic R70	1.8	327.8	326.8	2902
2869 >E	Buchanan South 345kV Voltage	Pre-Fault	6.6	NA	346	2869
2869 >E	St.Lawrence 230kV Voltage	Pre-Fault	4.0	NA	225	2869
2870 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	1.9	327.8	330.2	2828
2870 >E	Gordon Rd 345kV Voltage	Ravenswood 3	1.9	327.8	330.0	2965
2873 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.4	320	331.6	2725
2874 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	9.6	327.8	340.1	2725
2875 >E	Oakdale 345kV Voltage	SBK Princetown 345	1.5	320	322.8	2653
2876 >E	Oakdale 345kV Voltage	Ravenswood 3	1.6	320	322.1	2968
2877 >E	Fraser 345kV Voltage	Ph2 DC 1500	4.4	327.8	336.5	3130
2877 >E	Pannell Road 345kV Voltage	SBK Princetown 345	1.9	327.8	330.5	2653
2878 >E	Gordon Rd 345kV Voltage	SBK Edic R70	2.1	327.8	326.1	2912
2878 >E	Coopers Corners 345kV Voltage	Ravenswood 3	2.0	327.8	332.6	2969
2879 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	1.9	327.8	327.8	2836
2879 >E	Fraser 345kV Voltage	SBK Edic R70	1.9	327.8	327.8	2913
2879 >E	Fraser 345kV Voltage	SBK Princetown 345	1.9	327.8	327.8	2653
2879 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	1.9	327.8	327.8	2851
2879 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	1.9	327.8	327.8	2851
2879 >E	Fraser 345kV Voltage	Ravenswood 3	1.9	327.8	327.8	2970
2879 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	1.7	320	320.2	2836
2879 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	1.7	320	320.2	2852
2879 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	1.7	320	320.2	2851
2880 >E	Pannell Road 345kV Voltage	Ravenswood 3	2.1	327.8	329.6	2970
2880 >E	New Scotland 345kV Voltage Alps	Marcy South N.	10.8	327.8	348.6	3620
2880 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	10.8	327.8	348.6	3620
2881 >E	Oakdale 345kV Voltage	SBK Edic R70	1.8	320	319.1	2916
2884 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	327.9	2840
2884 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	327.9	2856
2884 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	327.9	2856
2884 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	2.2	327.8	330.3	2654
2884 >E	Ramapo 345kV Voltage	Pre-Fault	7.2	NA	346	2884

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2885 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	18.5	327.8	338.7	2017
2885 >E	Station 80 345kV Voltage	SBK Princetown 345	2.3	327.8	330.8	2654
2885 >E	Ramapo 500kV Voltage	Ravenswood 3	9.7	500	505.7	2974
2885 >E	Station 80 345kV Voltage	Ph2 DC 1500	8.6	327.8	338.2	3132
2886 >E	Pannell Road 345kV Voltage	SBK Edic R70	2.6	327.8	326.9	2921
2887 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	11.5	218.5	227.0	3132
2887 >E	Coopers Corners 345kV Voltage	SBK Edic R70	2.5	327.8	329.0	2922
2888 >E	Ramapo 500kV Voltage	Ph2 DC 1500	28.9	500	506.6	3132
2888 >E	Station 80 345kV Voltage	Ravenswood 3	2.6	327.8	329.9	2975
2889 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	328.4	2844
2889 >E	St.Lawrence 230kV Voltage	Ravenswood 3	3.5	218.5	220.0	2976
2890 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	2.5	327.8	328.0	2861
2890 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	2.5	327.8	328.0	2861
2890 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	3.4	218.5	219.9	2654
2893 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.1	327.8	343.5	3388
2893 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.1	327.8	343.5	3388
2893 >E	Ladentown 345kV Voltage	Pre-Fault	7.0	NA	346	2893
2894 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	327.9	2849
2894 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	3.0	327.8	327.9	2865
2894 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	3.0	327.8	327.9	2866
2896 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	6.4	327.8	337.1	3134
2896 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	4.1	218.5	218.5	2867
2896 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	4.1	218.5	218.5	2867
2896 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	4.1	218.5	218.4	2850
2896 >E	Station 80 345kV Voltage	SBK Edic R70	3.1	327.8	327.0	2933
2898 >E	St.Lawrence 230kV Voltage	SBK Edic R70	4.3	218.5	217.9	2935
2899 >E	Oakdale 345kV Voltage	Volney-Marcy	4.7	320	323.9	2833
2900 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	2.5	327.8	332.6	2854
2900 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	2.5	327.8	332.6	2854
2903 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	10.0	327.8	333.9	2740
2904 >E	Oakdale 345kV Voltage	SBK Edic R945	11.2	320	335.6	2112
2904 >E	Dunwoodie 345kV Voltage	Ravenswood 3	5.0	327.8	336.2	2984
2905 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	11.3	320	335.5	2029
2905 >E	Sprain Brook 345kV Voltage	Ravenswood 3	5.0	327.8	336.2	2985
2907 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	2.7	327.8	330.4	2986
2907 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	2.7	327.8	330.4	2986
2908 >E	Roseton 345kV Voltage	Pre-Fault	7.3	NA	345	2908
2908 >E	Oakdale 345kV Voltage	Marcy South S.	4.5	320	322.2	3389

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2910 >E	Leeds 345kV Voltage	Pre-Fault	5.7	NA	345	2910
2912 >E	Bowline 1 345kV Voltage	Pre-Fault	7.1	NA	345	2912
2913 >E	Pannell Road 345kV Voltage	Marcy South S.	7.1	327.8	332.8	3390
2914 >E	Gordon Rd 345kV Voltage	Volney-Marcy	7.2	327.8	327.9	2845
2915 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	3.0	327.8	327.6	2953
2915 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	3.0	327.8	327.6	2953
2915 >E	Bowline 2 345kV Voltage	Pre-Fault	7.1	NA	345	2915
2916 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	3.0	327.8	327.0	2887
2916 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	3.0	327.8	327.0	2887
2917 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	3.0	327.8	327.0	2887
2917 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	3.0	327.8	327.0	2887
2917 >E	Niagara 230kV East Voltage	Pre-Fault	8.4	NA	225	2917
2917 >E	Niagara 230kV West Voltage	Pre-Fault	8.4	NA	225	2917
2919 >E	Buchanan North 345kV Voltage	Ravenswood 3	5.1	327.8	336.3	2992
2919 >E	Rock Tavern 345kV Voltage	Ravenswood 3	3.5	327.8	336.2	2993
2920 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	7.2	327.8	342.5	3139
2920 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	7.2	327.8	342.5	3139
2920 >E	Millwood 345kV Voltage	Ravenswood 3	5.1	327.8	336.4	2993
2923 >E	Gilboa 345kV Voltage	Marcy South S.	5.2	327.8	344.2	3391
2923 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	13.2	320	334.9	2121
2926 >E	Somerset 345kV Voltage	Pre-Fault	5.4	NA	338	2926
2927 >E	Somerset 345kV Voltage	Marcy South N.	11.1	327.8	342.0	3642
2927 >E	Fraser 345kV Voltage	Marcy South S.	6.4	327.8	327.8	3391
2927 >E	Fraser 345kV Voltage	Volney-Marcy	6.4	327.8	327.8	2856
2928 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	329.7	2878
2929 >E	Pannell Road 345kV Voltage	Volney-Marcy	8.8	327.8	331.3	2858
2929 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	3.1	327.8	322.6	2655
2929 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	3.1	327.8	322.6	2655
2930 >E	Buchanan South 345kV Voltage	Ravenswood 3	5.1	327.8	336.7	2999
2931 >E	Gilboa 345kV Voltage	Ravenswood 3	3.4	327.8	329.0	2999
2931 >E	Pannell Road 345kV Voltage	SBK Edic R945	16.4	327.8	337.5	2128
2936 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	3.6	327.8	327.6	2905
2936 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	3.6	327.8	327.6	2905
2936 >E	Gilboa 345kV Voltage	SBK Edic R70	3.6	327.8	327.6	2977
2936 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	12.1	327.8	340.2	2047
2937 >E	Fraser 345kV Voltage	SBK Edic R945	12.0	327.8	340.2	2131
2938 >E	Gilboa 345kV Voltage	SBK Princetown 345	3.6	327.8	327.0	2656
2939 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	16.8	327.8	337.3	2049

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2939 >E	Station 80 345kV Voltage	SBK Marcy R3108	14.9	327.8	343.3	2759
2941 >E	Station 80 345kV Voltage	Marcy South S.	8.4	327.8	332.8	3393
2949 >E	Ramapo 345kV Voltage	Ravenswood 3	5.2	327.8	337.0	3010
2950 >E	St.Lawrence 230kV Voltage	Marcy South N.	22.0	218.5	228.4	3653
2951 >E	Ramapo 500kV Voltage	SBK Princetown 345	12.7	500	501.3	2656
2951 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	4.5	327.8	329.7	2656
2952 >E	Somerset 345kV Voltage	SBK Princetown 345	4.1	327.8	333.2	2656
2953 >E	Ladentown 345kV Voltage	Ravenswood 3	5.2	327.8	337.5	3012
2955 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	6.2	327.8	328.2	2900
2956 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	6.3	327.8	328.2	2901
2956 >E	Dunwoodie 345kV Voltage	SBK Edic R70	6.3	327.8	328.0	3000
2956 >E	Niagara 230kV East Voltage	SBK Princetown 345	7.3	218.5	220.3	2656
2956 >E	Niagara 230kV West Voltage	SBK Princetown 345	7.3	218.5	220.3	2656
2957 >E	Rock Tavern 345kV Voltage	SBK Edic R70	4.7	327.8	328.5	3000
2957 >E	Sprain Brook 345kV Voltage	SBK Edic R70	6.3	327.8	328.0	3001
2957 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	18.9	327.8	341.4	2060
2957 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	13.8	327.8	339.4	2140
2957 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	4.8	327.8	328.4	2903
2958 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	19.6	327.8	336.8	2140
2958 >E	Niagara 230kV East Voltage	Ravenswood 3	7.5	218.5	220.1	3014
2958 >E	Niagara 230kV West Voltage	Ravenswood 3	7.5	218.5	220.1	3014
2958 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	6.2	327.8	327.7	2656
2958 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.7	2927
2958 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	327.7	2927
2959 >E	Coopers Corners 345kV Voltage	SBK Edic R945	18.7	327.8	341.4	2144
2959 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	6.3	327.8	327.8	2656
2959 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.7	2928
2959 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	327.7	2928
2959 >E	Somerset 345kV Voltage	Ravenswood 3	4.6	327.8	331.7	3015
2960 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	327.8	327.8	2929
2960 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	4.8	327.8	327.8	2929
2962 >E	Bowline 1 345kV Voltage	Ravenswood 3	5.2	327.8	338.0	3017
2962 >E	Station 80 345kV Voltage	Volney-Marcy	10.3	327.8	331.1	2886
2963 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	14.3	500	500.4	2907
2964 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	5.8	327.8	333.5	3018
2964 >E	Bowline 2 345kV Voltage	Ravenswood 3	5.2	327.8	338.1	3018
2967 >E	Ramapo 500kV Voltage	SBK Edic R70	14.6	500	500.1	3012
2968 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr	14.7	500	500.0	2937

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2968 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	14.7	500	500.0	2937
2968 >E	Coopers Corners 345kV Voltage	Volney-Marcy	8.6	327.8	327.6	2892
2969 >E	Ramapo 500kV Voltage	Pre-Fault	14.7	NA	500	2969
2971 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	8.4	218.5	218.6	2914
2971 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	8.4	218.5	218.6	2914
2971 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	8.4	218.5	218.5	2939
2971 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	8.4	218.5	218.5	2939
2971 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	8.4	218.5	218.5	2939
2971 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	8.4	218.5	218.5	2939
2972 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	6.3	327.8	328.4	2915
2972 >E	Buchanan North 345kV Voltage	SBK Princetown 345	6.5	327.8	328.5	2657
2972 >E	Niagara 230kV East Voltage	SBK Edic R70	8.5	218.5	218.4	3018
2972 >E	Niagara 230kV West Voltage	SBK Edic R70	8.5	218.5	218.4	3018
2973 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	6.7	327.8	328.3	2916
2974 >E	Millwood 345kV Voltage	SBK Edic R70	6.4	327.8	328.1	3020
2974 >E	Watercure 230kV Voltage	Marcy South N.	15.3	207	227.1	3664
2974 >E	Buchanan North 345kV Voltage	SBK Edic R70	6.7	327.8	328.1	3020
2975 >E	Millwood 345kV Voltage	SBK Princetown 345	6.3	327.8	327.9	2657
2976 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	6.5	327.8	327.7	2944
2976 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	6.5	327.8	327.7	2944
2977 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	6.8	327.8	327.8	2945
2977 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	6.8	327.8	327.8	2945
2980 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	5.3	327.8	327.9	2922
2980 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	5.3	327.8	327.9	2948
2980 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	5.3	327.8	327.9	2948
2980 >E	Roseton 345kV Voltage	Ravenswood 3	5.8	327.8	335.0	3027
2981 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	21.4	327.8	340.9	2154
2985 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	6.5	327.8	328.4	2926
2986 >E	Station 80 345kV Voltage	SBK Edic R945	19.2	327.8	337.2	2161
2986 >E	Somerset 345kV Voltage	SBK Edic R70	5.6	327.8	326.7	3033
2986 >E	Fraser 345kV Voltage	SBK Marcy R3108	10.9	327.8	327.8	2783
2987 >E	Buchanan South 345kV Voltage	SBK Princetown 345	6.4	327.8	328.2	2657
2987 >E	Buchanan South 345kV Voltage	SBK Edic R70	6.6	327.8	328.1	3035
2990 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	6.6	327.8	327.7	2957
2990 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr	6.6	327.8	327.7	2957

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2990 >E	Leeds 345kV Voltage	Marcy South S.	6.6	327.8	347.9	3397
2992 >E	Gilboa 345kV Voltage	Ph2 DC 1500	8.5	327.8	341.4	3153
2994 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	19.6	327.8	337.0	2081
2994 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	6.5	327.8	329.0	2934
3000 >E	Niagara 345kV Voltage	Pre-Fault	7.1	NA	338	3000
3001 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	6.8	327.8	328.0	3050
3004 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	6.8	327.8	327.6	2971
3004 >E	Pleasant Valley 345kV Voltage	Princeton-N.Scot 345	6.8	327.8	327.6	2971
3005 >E	Ramapo 345kV Voltage	SBK Princetown 345	6.7	327.8	329.1	2658
3006 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	6.8	327.8	327.2	2658
3008 >E	Leeds 345kV Voltage	SBK Edic R70	5.7	327.8	327.8	3058
3008 >E	Leeds 345kV Voltage	Princeton-N.Scot 345	5.7	327.8	327.8	2975
3008 >E	Leeds 345kV Voltage	Ravenswood 3	5.7	327.8	327.8	3043
3008 >E	Leeds 345kV Voltage	SBK Princetown 345	5.7	327.8	327.8	2658
3008 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	327.8	2975
3008 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	327.8	2946
3010 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	7.0	327.8	328.4	2947
3011 >E	Ramapo 345kV Voltage	SBK Edic R70	7.1	327.8	328.3	3061
3013 >E	St.Lawrence 230kV Voltage	Marcy South S.	18.3	218.5	222.5	3399
3013 >E	Ladentown 345kV Voltage	SBK Princetown 345	6.7	327.8	329.0	2658
3015 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	7.2	327.8	327.8	2981
3015 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	7.2	327.8	327.8	2981
3016 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	6.9	327.8	328.5	2953
3018 >E	Ladentown 345kV Voltage	SBK Edic R70	6.9	327.8	328.3	3069
3021 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	7.0	327.8	327.8	2987
3021 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	7.0	327.8	327.8	2987
3022 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	22.8	327.8	336.3	2178
3025 >E	Bowline 1 345kV Voltage	SBK Princetown 345	6.7	327.8	329.1	2659
3027 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	7.1	327.8	328.5	2962
3028 >E	Roseton 345kV Voltage	SBK Princetown 345	7.0	327.8	328.5	2659
3028 >E	Bowline 2 345kV Voltage	SBK Princetown 345	6.7	327.8	329.1	2659
3029 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	6.9	327.8	328.5	2963
3030 >E	Roseton 345kV Voltage	SBK Edic R70	7.2	327.8	328.2	3082
3030 >E	Bowline 1 345kV Voltage	SBK Edic R70	7.0	327.8	328.3	3083
3032 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	6.9	327.8	328.5	2966
3033 >E	Niagara 345kV Voltage	SBK Princetown 345	5.8	327.8	333.4	2659

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3033 >E	Bowline 2 345kV Voltage	SBK Edic R70	7.0	327.8	328.3	3086
3033 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	7.3	327.8	327.7	2999
3033 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	7.3	327.8	327.7	2999
3034 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	7.1	327.8	327.8	3000
3034 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	7.1	327.8	327.8	3000
3037 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	7.1	327.8	327.8	3002
3037 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	7.1	327.8	327.8	3002
3041 >E	Niagara 345kV Voltage	Ravenswood 3	6.1	327.8	332.2	3062
3047 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	43.5	500	504.4	2113
3062 >E	Ramapo 500kV Voltage	SBK Edic R945	44.8	500	504.2	2206
3071 >E	St.Lawrence 230kV Voltage	Volney-Marcy	25.2	218.5	220.6	2979
3072 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	7.0	327.8	327.9	3000
3072 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	7.0	327.8	327.9	3036
3072 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	7.0	327.8	327.9	3036
3073 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	11.3	327.8	328.3	2981
3073 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	11.3	327.8	328.3	2981
3076 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	14.9	327.8	324.8	2829
3077 >E	Niagara 345kV Voltage	SBK Edic R70	7.3	327.8	327.1	3136
3079 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	47.6	500	504.0	2211
3085 >E	Pleasant Valley 345kV Voltage	Marcy South S.	13.3	327.8	341.0	3406
3086 >E	Fraser 345kV Voltage	Marcy South N.	14.6	327.8	327.8	3718
3104 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	32.6	218.5	223.8	2843
3109 >E	Niagara 345kV Voltage	Marcy South N.	14.9	327.8	340.6	3729
3113 >E	Rainey 345kV Voltage	Ravenswood 3	12.7	327.8	342.2	3102
3123 >E	Niagara 230kV East Voltage	SBK Marcy R3108	23.0	218.5	223.3	2853
3123 >E	Niagara 230kV West Voltage	SBK Marcy R3108	23.0	218.5	223.3	2853
3123 >E	Somerset 345kV Voltage	Ph2 DC 1500	16.2	327.8	344.3	3179
3129 >E	Farragut 345kV Voltage	Ravenswood 3	13.5	327.8	341.5	3111
3129 >E	St.Lawrence 230kV Voltage	SBK Edic R945	36.5	218.5	225.4	2247
3130 >E	Gilboa 345kV Voltage	Volney-Marcy	12.6	327.8	328.0	3029
3136 >E	Niagara 230kV East Voltage	Marcy South N.	31.0	218.5	226.6	3742
3136 >E	Niagara 230kV West Voltage	Marcy South N.	31.0	218.5	226.6	3742
3145 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	15.6	327.8	339.4	3183
3158 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	38.2	218.5	225.1	2179
3177 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	17.0	327.8	331.8	2881
3177 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	17.0	327.8	331.8	2881
3187 >E	Watercure 230kV Voltage	Ph2 DC 1500	17.2	207	231.8	3192

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3190 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	43.2	218.5	224.7	2276
3201 >E	Leeds 345kV Voltage	Ph2 DC 1500	14.5	327.8	341.9	3194
3204 >E	Rainey 345kV Voltage	Pre-Fault	21.6	NA	338	3204
3207 >E	Farragut 345kV Voltage	Pre-Fault	22.5	NA	338	3207
3211 >E	Gilboa 345kV Voltage	Marcy South N.	19.1	327.8	339.3	3777
3216 >E	Somerset 345kV Voltage	Marcy South S.	16.6	327.8	336.0	3419
3225 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	24.9	327.8	338.0	3199
3234 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	19.8	327.8	338.9	3201
3250 >E	Goethals 345kV Voltage	Ravenswood 3	18.3	327.8	340.3	3180
3266 >E	Millwood 345kV Voltage	Ph2 DC 1500	24.8	327.8	337.3	3207
3267 >E	Rock Tavern 345kV Voltage	Volney-Marcy	19.3	327.8	327.7	3146
3273 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	28.9	327.8	335.8	3209
3275 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	29.1	327.8	335.7	3209
3288 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	24.3	327.8	338.6	3212
3290 >E	Millwood 345kV Voltage	Marcy South S.	23.8	327.8	333.2	3426
3292 >E	Dunwoodie 345kV Voltage	Marcy South S.	27.7	327.8	332.4	3426
3296 >E	Gilboa 345kV Voltage	SBK Marcy R3108	20.2	327.8	329.5	2942
3297 >E	Sprain Brook 345kV Voltage	Marcy South S.	27.7	327.8	332.3	3427
3305 >E	Somerset 345kV Voltage	Volney-Marcy	20.4	327.8	332.4	3179
3308 >E	Roseton 345kV Voltage	Marcy South S.	18.7	327.8	336.6	3428
3309 >E	Watercure 230kV Voltage	SBK Princetown 345	18.0	207	226.9	2669
3315 >E	Ramapo 345kV Voltage	Ph2 DC 1500	23.9	327.8	340.5	3217
3319 >E	Goethals 345kV Voltage	Pre-Fault	30.1	NA	338	3319
3344 >E	Ladentown 345kV Voltage	Ph2 DC 1500	23.7	327.8	341.1	3223
3348 >E	Ramapo 500kV Voltage	Marcy South S.	66.9	500	504.4	3431
3349 >E	Ramapo 500kV Voltage	Marcy South N.	75.2	500	502.9	3843
3350 >E	Roseton 345kV Voltage	Ph2 DC 1500	22.3	327.8	340.1	3224
3380 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	23.6	327.8	341.9	3230
3383 >E	Gilboa 345kV Voltage	SBK Edic R945	26.5	327.8	340.3	2399
3390 >E	Leeds 345kV Voltage	Marcy South N.	24.4	327.8	343.8	3863
3391 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	23.6	327.8	342.2	3232
3391 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	26.8	327.8	340.1	2316
3410 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	27.5	327.8	334.0	2415
3410 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	27.5	327.8	334.0	2415
3411 >E	Watercure 230kV Voltage	SBK Edic R945	28.2	207	223.1	2415
3411 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	21.1	327.8	328.4	3288
3411 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	28.3	207	223.0	2328
3412 >E	Buchanan South 345kV Voltage	Marcy South S.	26.7	327.8	330.9	3437
3416 >E	Rainey 345kV Voltage	SBK Princetown 345	21.2	327.8	328.1	2673
3418 >E	Rainey 345kV Voltage	SBK Edic R70	21.4	327.8	328.1	3518
3424 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	22.0	327.8	328.4	3299

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3425 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	21.6	327.8	327.7	3374
3425 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	21.6	327.8	327.7	3374
3429 >E	Farragut 345kV Voltage	SBK Princetown 345	22.1	327.8	328.1	2673
3431 >E	Farragut 345kV Voltage	SBK Edic R70	22.3	327.8	328.0	3532
3436 >E	Leeds 345kV Voltage	Volney-Marcy	22.2	327.8	327.8	3291
3438 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	22.5	327.8	327.7	3386
3438 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	22.5	327.8	327.7	3386
3446 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	29.3	327.8	339.0	2423
3450 >E	Buchanan North 345kV Voltage	Volney-Marcy	34.0	327.8	327.7	3303
3461 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	29.1	327.8	332.6	2358
3461 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	29.1	327.8	332.6	2358
3463 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	29.9	327.8	332.6	2434
3463 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	29.9	327.8	332.6	2434
3469 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	28.6	327.8	327.5	3319
3484 >E	Millwood 345kV Voltage	Volney-Marcy	34.3	327.8	327.5	3332
3485 >E	Buchanan North 345kV Voltage	Marcy South S.	31.6	327.8	326.6	3445
3487 >E	Dunwoodie 345kV Voltage	Volney-Marcy	40.1	327.8	327.5	3334
3487 >E	Sprain Brook 345kV Voltage	Volney-Marcy	39.9	327.8	327.5	3335
3499 >E	Watercure 230kV Voltage	Ravenswood 3	25.9	207	224.5	3321
3503 >E	Somerset 345kV Voltage	SBK Edic R945	34.4	327.8	340.5	2471
3515 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	34.8	327.8	340.3	2389
3519 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	33.2	207	221.4	2466
3522 >E	Gardenville 230kV Voltage	Marcy South N.	33.3	207	224.4	3925
3523 >E	Buchanan South 345kV Voltage	Volney-Marcy	33.5	327.8	327.5	3365
3549 >E	Ramapo 345kV Voltage	Volney-Marcy	31.6	327.8	327.7	3388
3559 >E	Pleasant Valley 345kV Voltage	Marcy South N.	37.5	327.8	337.0	3943
3560 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	32.2	327.8	324.8	3077
3577 >E	Coopers Corners 345kV Voltage	Marcy South N.	26.9	327.8	304.9	3952
3579 >E	Roseton 345kV Voltage	Volney-Marcy	30.0	327.8	327.6	3413
3589 >E	Rock Tavern 345kV Voltage	Marcy South S.	25.1	327.8	311.1	3454
3601 >E	Ladentown 345kV Voltage	Volney-Marcy	32.0	327.8	327.7	3432
3610 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	29.5	327.8	328.3	3457
3616 >E	Goethals 345kV Voltage	SBK Princetown 345	29.6	327.8	328.1	2680
3619 >E	Goethals 345kV Voltage	SBK Edic R70	29.9	327.8	328.0	3744
3629 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	30.2	327.8	327.7	3569
3629 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	30.2	327.8	327.7	3568
3633 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	40.7	327.8	338.6	2532
3639 >E	Gardenville 230kV Voltage	SBK Princetown 345	29.5	207	222.3	2681

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3644 >E	Dunwoodie 345kV Voltage	Marcy South N.	51.8	327.8	329.4	3983
3652 >E	Bowline 1 345kV Voltage	Volney-Marcy	32.0	327.8	327.7	3475
3666 >E	Bowline 2 345kV Voltage	Volney-Marcy	31.9	327.8	327.7	3487
3680 >E	Sprain Brook 345kV Voltage	Marcy South N.	53.4	327.8	329.5	4001
3703 >E	Niagara 345kV Voltage	Ph2 DC 1500	33.2	327.8	350.2	3294
3728 >E	Gordon Rd 345kV Voltage	SBK Edic R945	42.4	327.8	316.3	2606
3745 >E	Niagara 230kV East Voltage	Ph2 DC 1500	72.7	218.5	230.8	3303
3745 >E	Niagara 230kV West Voltage	Ph2 DC 1500	72.7	218.5	230.8	3303
3773 >E	Ramapo 345kV Voltage	Marcy South S.	36.0	327.8	320.6	3472
3780 >E	Gardenville 230kV Voltage	Ravenswood 3	34.9	207	220.3	3479
3786 >E	Coopers Corners 345kV Voltage	Marcy South S.	24.1	327.8	234.5	3473
3790 >E	Ladentown 345kV Voltage	Marcy South S.	35.9	327.8	321.8	3474
3803 >E	Millwood 345kV Voltage	Marcy South N.	52.6	327.8	330.6	4059
3826 >E	Leeds 345kV Voltage	SBK Marcy R3108	36.7	327.8	327.8	3214
3851 >E	Ramapo 500kV Voltage	Volney-Marcy	135.6	500	501.2	3646
3857 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	48.2	327.8	312.8	2662
3871 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	46.8	327.8	326.5	3237
3905 >E	Niagara 345kV Voltage	Marcy South S.	35.3	327.8	339.6	3485
3929 >E	Rock Tavern 345kV Voltage	SBK Edic R945	55.6	327.8	342.7	2726
3936 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	55.9	327.8	342.6	2638
3937 >E	Niagara 230kV East Voltage	Marcy South S.	82.8	218.5	225.0	3488
3937 >E	Niagara 230kV West Voltage	Marcy South S.	82.8	218.5	225.0	3488
3955 >E	Bowline 1 345kV Voltage	Marcy South S.	39.8	327.8	318.2	3489
3965 >E	Bowline 2 345kV Voltage	Marcy South S.	39.6	327.8	318.3	3490
4009 >E	Gardenville 230kV Voltage	Pre-Fault	69.4	NA	217	4009
4024 >E	Buchanan North 345kV Voltage	Marcy South N.	62.9	327.8	328.3	4164
4029 >E	Buchanan South 345kV Voltage	Marcy South N.	58.0	327.8	330.1	4167
4035 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	66.0	327.8	325.4	3321
4056 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	61.9	327.8	341.8	2778
4073 >E	Roseton 345kV Voltage	Marcy South N.	50.2	327.8	332.4	4188
4081 >E	Roseton 345kV Voltage	SBK Marcy R3108	50.1	327.8	325.5	3345
4107 >E	Gardenville 230kV Voltage	SBK Marcy R3108	50.1	207	226.8	3358
4126 >E	Ramapo 345kV Voltage	SBK Marcy R3108	56.8	327.8	324.9	3367
4141 >E	Rock Tavern 345kV Voltage	Marcy South N.	49.5	327.8	319.8	4220
4158 >E	Millwood 345kV Voltage	SBK Marcy R3108	69.6	327.8	325.1	3384
4174 >E	Watercure 230kV Voltage	SBK Marcy R3108	60.0	207	255.6	3392
4189 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	65.6	327.8	325.1	3400
4196 >E	Niagara 345kV Voltage	Volney-Marcy	44.9	327.8	334.5	3940
4220 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	84.9	327.8	325.2	3416
4233 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	85.1	327.8	325.1	3422
4252 >E	Ladentown 345kV Voltage	SBK Marcy R3108	59.0	327.8	324.8	3432

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4263 >E	Watercure 230kV Voltage	Pre-Fault	80.2	NA	215	4263
4298 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	85.6	327.8	337.7	2853
4304 >E	Buchanan North 345kV Voltage	SBK Edic R945	86.4	327.8	337.6	2951
4330 >E	Niagara 230kV East Voltage	Volney-Marcy	111.8	218.5	222.5	4055
4330 >E	Niagara 230kV West Voltage	Volney-Marcy	111.8	218.5	222.5	4055
4346 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	58.9	327.8	324.6	3481
4369 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	58.8	327.8	324.5	3492
4419 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	93.0	327.8	337.0	2988
4462 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	76.9	327.8	341.1	2950
4465 >E	Niagara 230kV East Voltage	SBK Edic R945	125.2	218.5	225.8	3047
4465 >E	Niagara 230kV West Voltage	SBK Edic R945	125.2	218.5	225.8	3047
4477 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	126.0	218.5	225.7	2959
4477 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	126.0	218.5	225.7	2959
4477 >E	Ramapo 345kV Voltage	SBK Edic R945	77.7	327.8	341.0	3054
4554 >E	Niagara 345kV Voltage	SBK Edic R945	63.1	327.8	342.5	3101
4569 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	63.5	327.8	342.4	3013
4583 >E	Watercure 230kV Voltage	Volney-Marcy	71.0	207	221.5	4271
4621 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	84.4	327.8	340.2	3105
4626 >E	Ramapo 345kV Voltage	Marcy South N.	74.1	327.8	326.6	4451
4647 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	67.4	207	207.8	4337
4659 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	67.8	207	207.6	4554
4660 >E	Gardenville 230kV Voltage	Princeton-N.Scot 345	67.8	207	207.6	4555
4669 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	80.6	327.8	341.4	3072
4680 >E	Ladentown 345kV Voltage	SBK Edic R945	81.3	327.8	341.3	3176
4718 >E	Ladentown 345kV Voltage	Marcy South N.	75.1	327.8	328.2	4495
4768 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	148.0	218.5	224.6	3191
4768 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	148.0	218.5	224.6	3191
4790 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	80.3	327.8	342.3	3144
4803 >E	Bowline 1 345kV Voltage	SBK Edic R945	81.1	327.8	342.3	3250
4809 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	76.6	207	208.2	4697
4811 >E	Watercure 230kV Voltage	Princeton-N.Scot 345	76.7	207	208.2	4701
4826 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	80.2	327.8	342.6	3165
4835 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	88.0	327.8	340.4	3229
4841 >E	Bowline 2 345kV Voltage	SBK Edic R945	81.1	327.8	342.5	3273
4844 >E	Watercure 230kV Voltage	Marcy South S.	77.3	207	219.8	3574
4858 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	78.5	207	207.6	4516
4868 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	74.3	327.8	339.9	3248
4923 >E	Buchanan South 345kV Voltage	SBK Edic R945	104.4	327.8	339.0	3322
4933 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	104.1	327.8	339.0	3228

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4968 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	87.7	327.8	341.3	3306
4981 >E	Gardenville 230kV Voltage	SBK Edic R70	79.9	207	203.0	5271
5007 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	87.6	327.8	341.6	3329
5058 >E	Bowline 1 345kV Voltage	Marcy South N.	83.1	327.8	328.3	4657
5075 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	98.2	327.8	333.3	3413
5079 >E	Bowline 2 345kV Voltage	Marcy South N.	82.6	327.8	328.3	4667
5086 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	112.4	327.8	338.3	3375
5107 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	82.1	327.8	327.8	3387
5107 >E	Leeds 345kV Voltage	SBK Edic R945	82.1	327.8	327.8	3432
5108 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	82.1	327.8	327.8	3332
5160 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	100.7	327.8	332.6	3362
5165 >E	Rainey 345kV Voltage	Marcy South S.	87.8	327.8	335.8	3605
5175 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	102.5	327.8	332.5	3426
5201 >E	Farragut 345kV Voltage	Marcy South S.	90.9	327.8	335.7	3609
5230 >E	Rainey 345kV Voltage	Ph2 DC 1500	92.0	327.8	341.1	3599
5252 >E	Millwood 345kV Voltage	SBK Edic R945	128.8	327.8	338.2	3519
5265 >E	Farragut 345kV Voltage	Ph2 DC 1500	95.3	327.8	340.9	3606
5281 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	129.1	327.8	338.1	3434
5306 >E	Roseton 345kV Voltage	SBK Edic R945	101.4	327.8	339.5	3551
5342 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	102.3	327.8	339.3	3471
5434 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	138.4	327.8	337.5	3576
5492 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	108.9	327.8	338.5	3610
5625 >E	Sprain Brook 345kV Voltage	SBK Edic R945	171.3	327.8	337.5	3743
5672 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	172.2	327.8	337.4	3665
5721 >E	Dunwoodie 345kV Voltage	SBK Edic R945	178.0	327.8	337.6	3800
5752 >E	Gardenville 230kV Voltage	SBK Edic R945	116.8	207	224.4	3819
5775 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	179.2	327.8	337.4	3726
5782 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	117.8	207	224.3	3731
5841 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	184.3	327.8	337.0	3813
5933 >E	Gardenville 230kV Voltage	Ph2 DC 1500	121.2	207	257.3	3739
5949 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	191.8	327.8	337.0	3875
5986 >E	Goethals 345kV Voltage	Marcy South S.	122.5	327.8	335.7	3684
6043 >E	Goethals 345kV Voltage	Ph2 DC 1500	126.7	327.8	341.1	3761
6222 >E	Rainey 345kV Voltage	Volney-Marcy	128.1	327.8	327.5	5671
6275 >E	Farragut 345kV Voltage	Volney-Marcy	132.7	327.8	327.5	5717
6456 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	144.6	207	222.2	4169
7454 >E	Goethals 345kV Voltage	Volney-Marcy	180.2	327.8	327.5	6724
8126 >E	Rainey 345kV Voltage	Marcy South N.	200.5	327.8	330.9	6117
8302 >E	Farragut 345kV Voltage	Marcy South N.	211.3	327.8	331.0	6201
8782 >E	Watercure 230kV Voltage	SBK Edic R70	231.3	207	158.7	9533
10155	Rainey 345kV Voltage	SBK Marcy R3108	276.5	327.8	323.7	6460

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
10213	Goethals 345kV Voltage	Marcy South N.	288.1	327.8	330.8	7111
>E						
10225	Ramapo 500kV Voltage	SBK Marcy R3108	985.3	500	509.0	6496
>E						
10291	Farragut 345kV Voltage	SBK Marcy R3108	287.2	327.8	323.8	6530
>E						
11252	Northport 138kV Voltage	Marcy South S.	662.2	131.1	134.7	4187
>E						
11642	Gardenville 230kV Voltage	Marcy South S.	340.8	207	261.1	4225
>E						
12380	Northport 138kV Voltage	Ph2 DC 1500	754.4	131.1	136.1	5023
>E						
13064	Goethals 345kV Voltage	SBK Marcy R3108	398.6	327.8	323.5	7952
>E						
14670	Northport 138kV Voltage	Volney-Marcy	931.0	131.1	130.9	12890
>E						
16481	Rainey 345kV Voltage	Marcy-N.Scot99 345	515.2	327.8	345.0	10059
>E						
16497	Farragut 345kV Voltage	Marcy-N.Scot99 345	526.2	327.8	344.7	10069
>E						
16625	Rainey 345kV Voltage	SBK Edic R945	521.8	327.8	344.9	10336
>E						
16645	Farragut 345kV Voltage	SBK Edic R945	533.1	327.8	344.6	10349
>E						
17676	Farragut 345kV Voltage	Edic-Gordon Rd. 345	572.8	327.8	343.9	10675
>E						
17698	Rainey 345kV Voltage	Edic-Gordon Rd. 345	562.3	327.8	344.1	10688
>E						
21428	Goethals 345kV Voltage	Marcy-N.Scot99 345	724.4	327.8	347.0	12985
>E						
21961	Goethals 345kV Voltage	SBK Edic R945	746.3	327.8	346.8	13535
>E						
23464	Goethals 345kV Voltage	Edic-Gordon Rd. 345	804.8	327.8	346.3	14031
>E						
27529	Northport 138kV Voltage	SBK Marcy R3108	1942.2	131.1	129.3	15373
>E						
99998	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

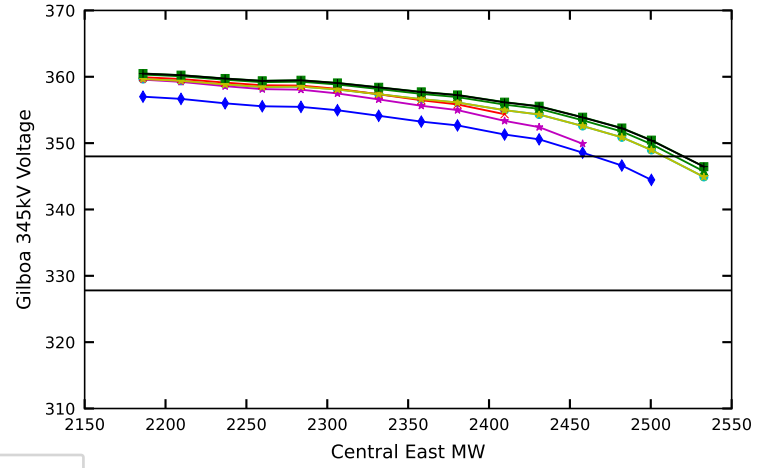
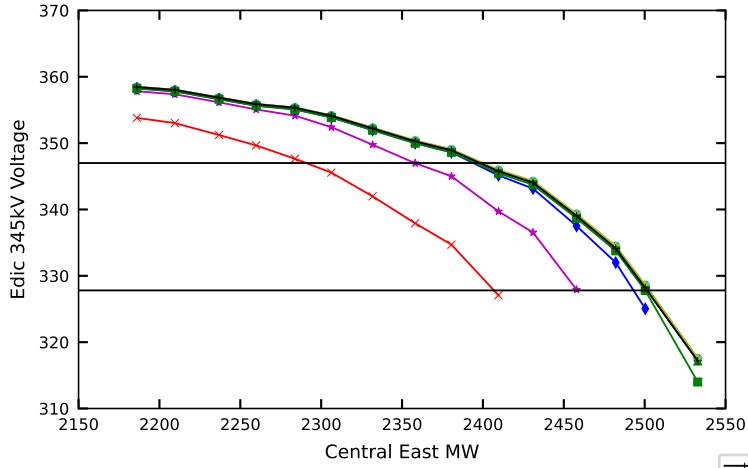
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1: 2023S CEVC PH2 CE2550 MS2270 DE1300 20 361_OS

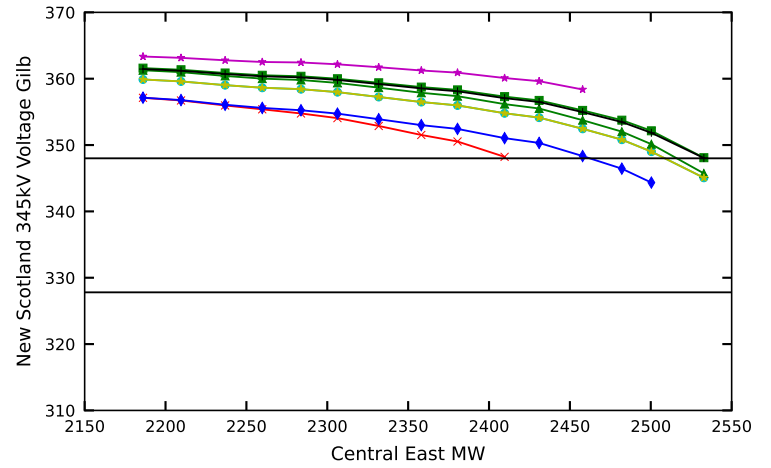
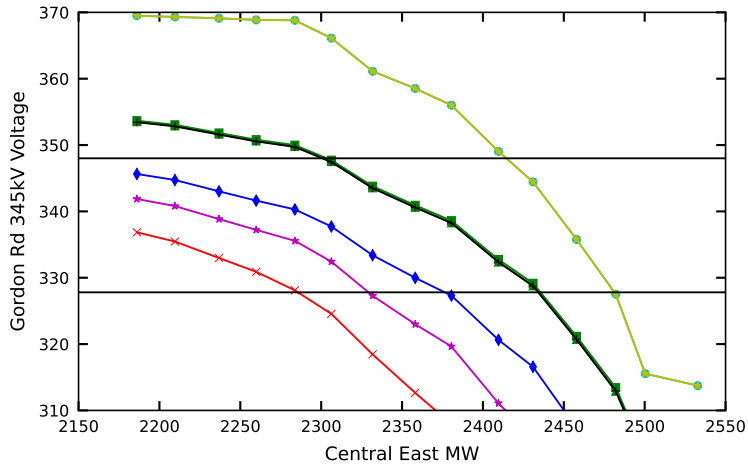
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99999 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99999
99999 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99999
99999 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

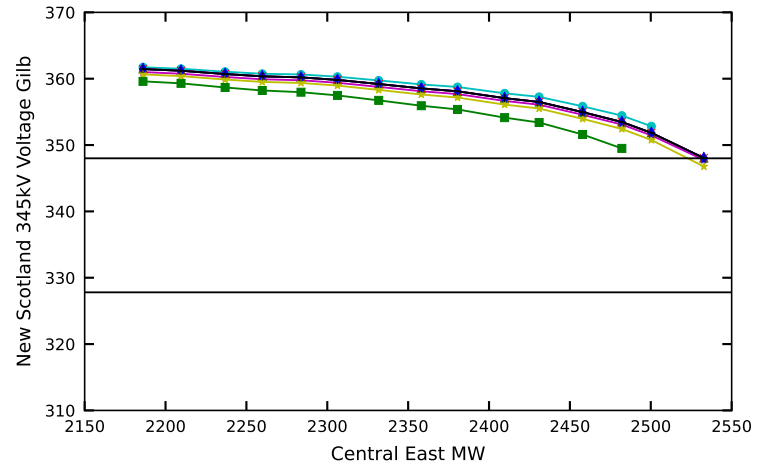
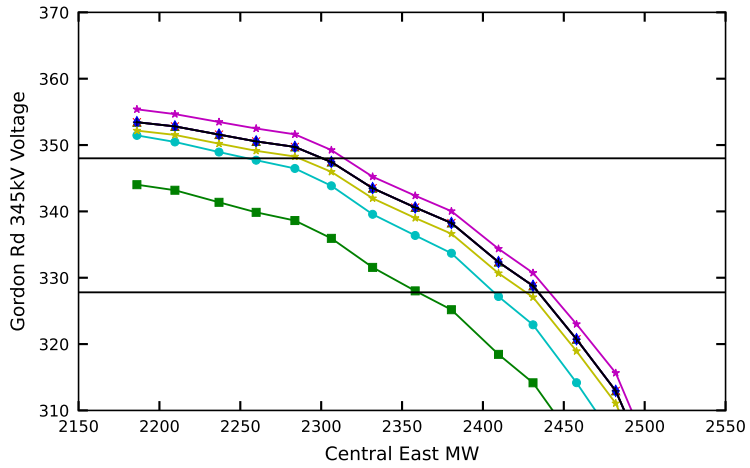
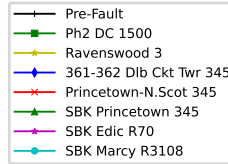
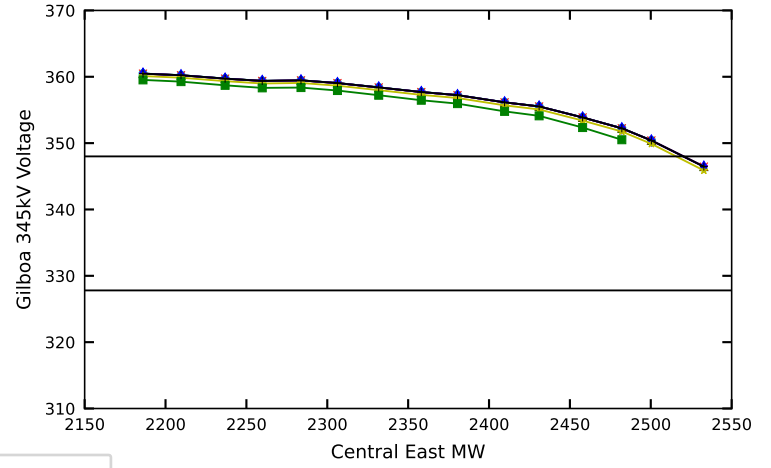
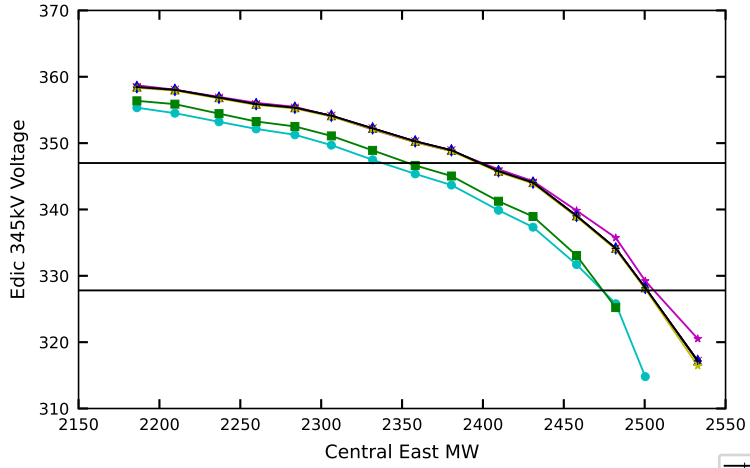
1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS Figure 1



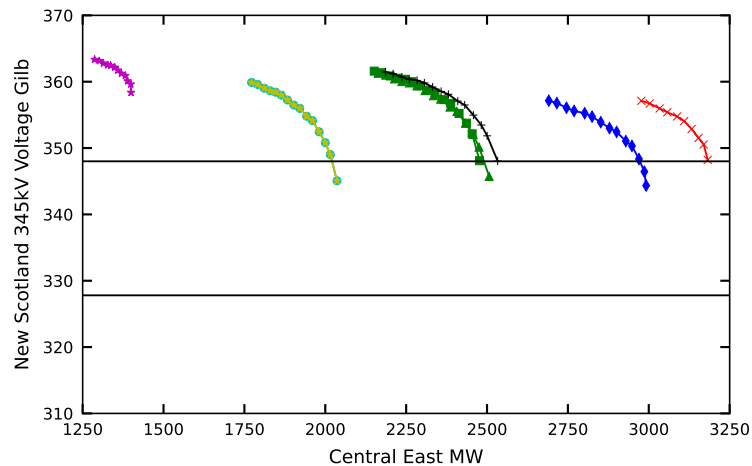
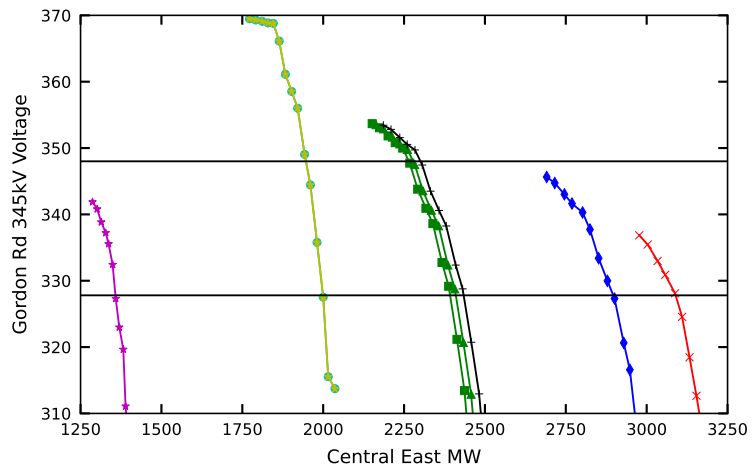
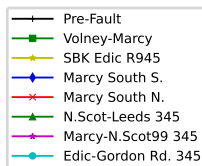
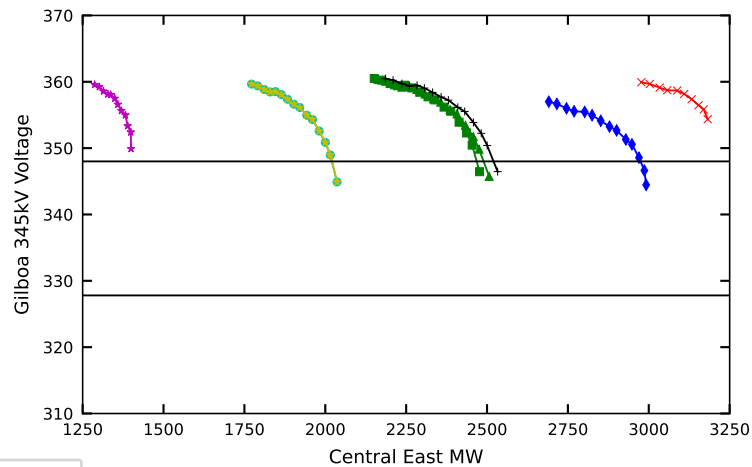
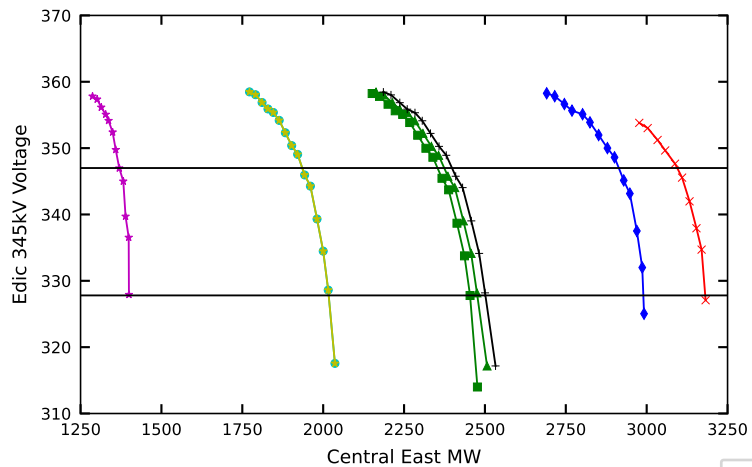
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



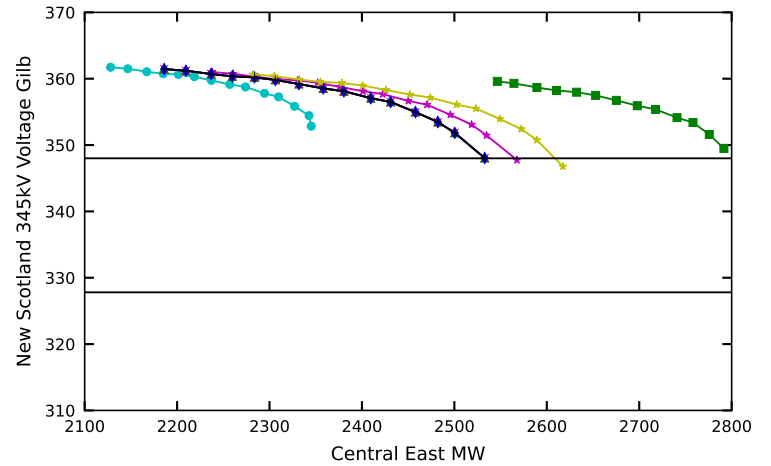
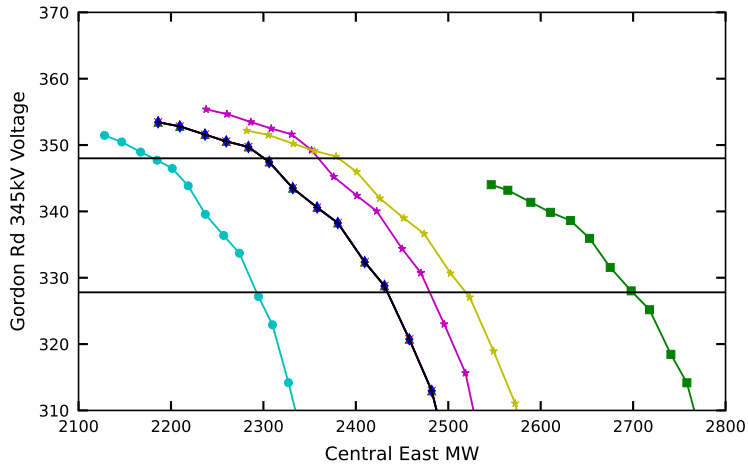
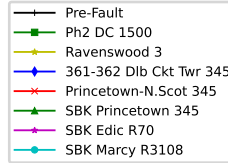
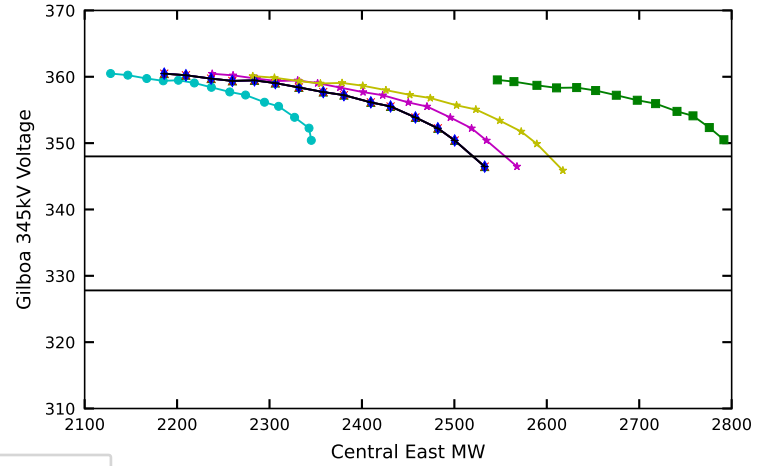
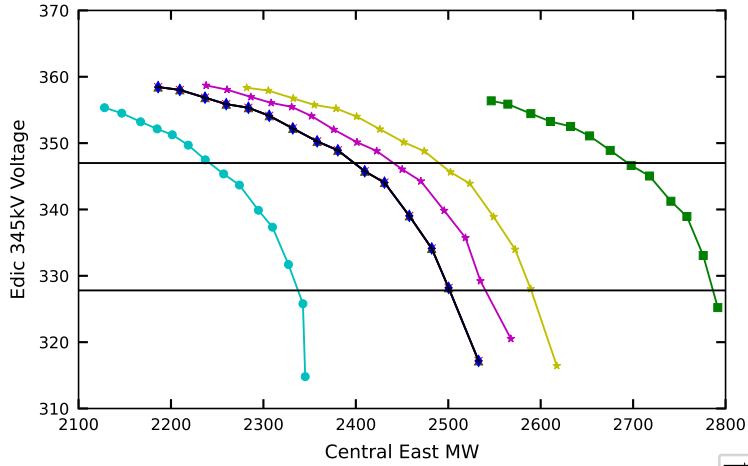
1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS Figure 2



1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS Figure 1



1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\371_OS\Sum2023_CEVC_PH2_20_371_OS.xlsx

1: 2023S CEVC PH2 CE2220 MS2270 DE1300 2O 371_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2186	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2209	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2236	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2259	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2283	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2306	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2331	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2358	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2380	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2409	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2430	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2457	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2482	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2500	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2
	4															
2532	t1	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\371_OS\Sum2023_CEVC_PH2_20_371_OS.xlsx

1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic- Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce02) Marcy- N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce03) N.Scot- Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce13) Volney- Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Prinetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Prinetown- N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2075 <E	Dunwoodie 345kV Voltage	Pre-Fault	118.5	NA	348	2075
2086 <E	Sprain Brook 345kV Voltage	Pre-Fault	118.7	NA	348	2086
2285	Gordon Rd 345kV Voltage	Marcy South N.	6.4	327.8	349.5	3089
2289	limit with 5% margin	Marcy South N.	NA	NA	NA	3023
2300	Gordon Rd 345kV Voltage	Pre-Fault	9.9	NA	348	2300
2329	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.0	327.8	343.9	1357
2334	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1329
2358	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2652
2359	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.9	327.8	340.4	2699
2375	limit with 5% margin	Marcy South S.	NA	NA	NA	2842
2375	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2227
2376	Gordon Rd 345kV Voltage	Marcy South S.	8.4	327.8	338.7	2896
2388	Marcy 345kV Voltage	Pre-Fault	9.2	NA	348	2388
2398	Edic 345kV Voltage	Pre-Fault	9.2	NA	347	2398
2406	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1934
2406	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2381
2406	limit with 5% margin	SBK Edic R945	NA	NA	NA	1934
2406	limit with 5% margin	Volney-Marcy	NA	NA	NA	2352
2406	limit with 5% margin	SBK Edic R70	NA	NA	NA	2439
2406	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2406
2406	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2406
2406	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2406
2406	limit with 5% margin	Ravenswood 3	NA	NA	NA	2486
2406	Gordon Rd 345kV Voltage	SBK Marcy R3108	4.5	327.8	332.9	2292
2406	Edic 345kV Voltage	Marcy South N.	3.8	327.8	346.1	3180
2407	Marcy 345kV Voltage	Marcy South N.	3.8	327.8	346.0	3181
2421 >E	Clay 345kV Voltage	Marcy South N.	4.8	327.8	347.8	3187
2426	Gordon Rd 345kV Voltage	Ravenswood 3	5.9	327.8	329.5	2518
2434	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	327.8	2410
2434	Gordon Rd 345kV Voltage	SBK Princetown 345	3.3	327.8	327.8	2434
2434	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	3.3	327.8	327.8	2434
2434	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	3.3	327.8	327.8	2434
2435	Gordon Rd 345kV Voltage	Volney-Marcy	3.4	327.8	327.4	2392
2441	Gordon Rd 345kV Voltage	SBK Edic R70	3.5	327.8	325.7	2479
2442	Pannell Road 345kV Voltage	Pre-Fault	9.0	NA	346	2442
2443	Station 80 345kV Voltage	Pre-Fault	9.3	NA	346	2443
2447	Clay 345kV Voltage	Pre-Fault	7.0	NA	345	2447
2448 >E	Oakdale 345kV Voltage	Marcy South N.	5.2	320	348.1	3198
2454	Millwood 345kV Voltage	Pre-Fault	42.3	NA	348	2454

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2458 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	3.1	327.8	339.0	1399
2460 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.1	327.8	338.5	1399
2472 >E	Pannell Road 345kV Voltage	Marcy South N.	7.4	327.8	345.0	3208
2473	Edic 345kV Voltage	SBK Marcy R3108	4.1	327.8	335.8	2337
2474	Edic 345kV Voltage	Ph2 DC 1500	3.1	327.8	335.7	2786
2474	Marcy 345kV Voltage	Ph2 DC 1500	3.1	327.8	335.6	2786
2480 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	340.2	1400
2481	Gordon Rd 345kV Voltage	SBK Edic R945	2.9	327.8	313.2	1999
2481	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	313.2	1999
2491	Clay 345kV Voltage	SBK Marcy R3108	1.7	327.8	337.5	2343
2493	Edic 345kV Voltage	Marcy South S.	2.6	327.8	330.5	2989
2493	Marcy 345kV Voltage	Marcy South S.	2.6	327.8	330.3	2989
2494 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.6	327.8	343.4	1400
2495	Buchanan North 345kV Voltage	Pre-Fault	32.5	NA	346	2495
2496 >E	Station 80 345kV Voltage	Marcy South N.	8.3	327.8	343.7	3219
2496 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	343.2	1400
2497 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.7	320	339.2	1400
2500	Edic 345kV Voltage	Volney-Marcy	3.1	327.8	328.2	2453
2500	Oakdale 345kV Voltage	Pre-Fault	3.6	NA	335	2500
2500	Edic 345kV Voltage	Ravenswood 3	2.8	327.8	328.0	2589
2501	Marcy 345kV Voltage	Volney-Marcy	2.3	327.8	327.9	2454
2501	Marcy 345kV Voltage	Ravenswood 3	2.8	327.8	327.8	2590
2501	Edic 345kV Voltage	N.Scot-Leeds 345	2.9	327.8	327.8	2476
2501	Edic 345kV Voltage	SBK Princetown 345	2.9	327.8	327.8	2501
2501	Edic 345kV Voltage	Princetown-N.Scot 345	2.9	327.8	327.8	2501
2501	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	327.8	327.8	2501
2501	Marcy 345kV Voltage	SBK Edic R70	2.9	327.8	327.8	2535
2501	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	327.8	2016
2501	Marcy 345kV Voltage	N.Scot-Leeds 345	2.9	327.8	327.8	2476
2501	Marcy 345kV Voltage	SBK Edic R945	2.9	327.8	327.8	2016
2501	Marcy 345kV Voltage	SBK Princetown 345	2.9	327.8	327.8	2501
2501	Marcy 345kV Voltage	Princetown-N.Scot 345	2.9	327.8	327.8	2501
2501	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	327.8	327.8	2501
2501 >E	Marcy 345kV Voltage	SBK Marcy R3108	3.1	327.8	327.8	2345
2502	Edic 345kV Voltage	SBK Edic R945	2.9	327.8	327.4	2017
2502	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	327.4	2017
2505	Edic 345kV Voltage	SBK Edic R70	3.7	327.8	326.4	2540
2508 >E	Clay 345kV Voltage	Ph2 DC 1500	4.3	327.8	336.1	2808
2510	Fraser 345kV Voltage	Pre-Fault	3.8	NA	338	2510

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2512 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	2.8	327.8	336.9	2346
2513	Clay 345kV Voltage	Volney-Marcy	2.7	327.8	331.4	2463
2514 >E	Clay 345kV Voltage	Marcy South S.	3.2	327.8	331.1	2996
2516 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	337.8	1401
2516 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.3	320	330.2	2347
2517	Rock Tavern 345kV Voltage	Pre-Fault	10.7	NA	348	2517
2517	Coopers Corners 345kV Voltage	Pre-Fault	5.0	NA	338	2517
2520	Gilboa 345kV Voltage	Pre-Fault	8.2	NA	348	2520
2522	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.5	327.8	329.2	2029
2522	Clay 345kV Voltage	SBK Edic R945	3.5	327.8	329.2	2029
2522	St.Lawrence 230kV Voltage	Pre-Fault	8.0	NA	225	2522
2523	Clay 345kV Voltage	Ravenswood 3	3.5	327.8	328.7	2609
2524 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.4	327.8	336.7	2348
2526	Clay 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	327.9	2500
2527	Clay 345kV Voltage	SBK Princetown 345	3.7	327.8	327.8	2527
2527	Clay 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	2527
2527	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	327.8	327.8	2527
2530 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	336.7	1401
2533 >E	New Scotland 345kV Voltage Alps	Pre-Fault	8.5	NA	348	2533
2533 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	8.5	NA	348	2533
2535 >E	Clay 345kV Voltage	SBK Edic R70	4.6	327.8	325.6	2570
2539 >E	Oakdale 345kV Voltage	Volney-Marcy	3.1	320	324.2	2481
2541 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.4	320	323.6	2042
2541 >E	Oakdale 345kV Voltage	SBK Edic R945	3.4	320	323.6	2042
2543 >E	Oakdale 345kV Voltage	Marcy South S.	3.1	320	322.2	3005
2543 >E	Pannell Road 345kV Voltage	Marcy South S.	4.5	327.8	330.9	3005
2544 >E	Buchanan South 345kV Voltage	Pre-Fault	17.9	NA	346	2544
2545 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.0	320	327.8	2832
2545 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.6	327.8	332.5	2044
2545 >E	Coopers Corners 345kV Voltage	SBK Edic R945	4.6	327.8	332.5	2044
2545 >E	Pleasant Valley 345kV Voltage	Pre-Fault	17.6	NA	348	2545
2548 >E	Oakdale 345kV Voltage	Ravenswood 3	3.4	320	321.7	2631
2549 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	327.8	2046
2549 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.8	327.8	327.8	2522
2549 >E	Fraser 345kV Voltage	Volney-Marcy	3.8	327.8	327.8	2488
2549 >E	Fraser 345kV Voltage	SBK Edic R70	3.8	327.8	327.8	2584
2549 >E	Fraser 345kV Voltage	SBK Princetown 345	3.8	327.8	327.8	2549
2549 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	3.8	327.8	327.8	2549
2549 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.8	327.8	327.8	2549

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2549 >E	Fraser 345kV Voltage	Ravenswood 3	3.8	327.8	327.8	2631
2549 >E	Fraser 345kV Voltage	SBK Edic R945	3.8	327.8	327.8	2046
2549 >E	Coopers Corners 345kV Voltage	Ravenswood 3	4.5	327.8	331.6	2632
2554 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.6	320	320.1	2527
2554 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.6	320	320.0	2554
2554 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.6	320	320.0	2554
2554 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	3.6	320	320.0	2554
2555 >E	Fraser 345kV Voltage	Marcy South S.	4.3	327.8	327.8	3008
2555 >E	Fraser 345kV Voltage	SBK Marcy R3108	4.3	327.8	327.8	2352
2560 >E	Oakdale 345kV Voltage	SBK Edic R70	3.9	320	318.4	2595
2561 >E	St.Lawrence 230kV Voltage	Volney-Marcy	6.7	218.5	220.2	2496
2561 >E	Station 80 345kV Voltage	Marcy South S.	5.5	327.8	330.7	3010
2561 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	9.8	218.5	225.2	2843
2566 >E	Coopers Corners 345kV Voltage	SBK Edic R70	5.0	327.8	328.3	2601
2566 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	328.2	2539
2567 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	8.9	218.5	222.4	2354
2568 >E	St.Lawrence 230kV Voltage	Ravenswood 3	7.6	218.5	219.3	2648
2569 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	5.0	327.8	327.8	2569
2569 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	5.0	327.8	327.8	2569
2569 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	327.8	327.8	2569
2569 >E	Coopers Corners 345kV Voltage	Volney-Marcy	4.8	327.8	327.8	2502
2571 >E	Ramapo 500kV Voltage	Ravenswood 3	24.6	500	505.2	2651
2574 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	8.0	218.5	218.5	2574
2574 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	8.0	218.5	218.5	2574
2574 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	8.0	218.5	218.5	2574
2575 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	8.0	218.5	218.5	2547
2576 >E	Ramapo 345kV Voltage	Pre-Fault	17.8	NA	346	2576
2578 >E	St.Lawrence 230kV Voltage	SBK Edic R70	8.5	218.5	218.0	2614
2580 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	8.3	218.5	217.8	2066
2580 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.3	218.5	217.8	2066
2581 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	9.1	327.8	336.4	2856
2589 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	7.4	327.8	332.8	2861
2593 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	12.6	218.5	222.8	1403
2594 >E	Fraser 345kV Voltage	Ph2 DC 1500	6.6	327.8	327.8	2864
2602 >E	Ladentown 345kV Voltage	Pre-Fault	17.9	NA	346	2602
2603 >E	St.Lawrence 230kV Voltage	Marcy South S.	11.1	218.5	219.5	3023
2605 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	6.7	327.8	324.7	2359
2609 >E	St.Lawrence 230kV Voltage	Marcy South N.	17.7	218.5	226.6	3267

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2615 >E	Pannell Road 345kV Voltage	Volney-Marcy	11.3	327.8	335.9	2534
2616 >E	Niagara 230kV East Voltage	Pre-Fault	14.8	NA	225	2616
2616 >E	Niagara 230kV West Voltage	Pre-Fault	14.8	NA	225	2616
2618 >E	Ramapo 500kV Voltage	Ph2 DC 1500	39.3	500	505.4	2880
2623 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	29.6	500	505.8	1404
2628 >E	Station 80 345kV Voltage	Ph2 DC 1500	12.2	327.8	337.1	2886
2629 >E	Somerset 345kV Voltage	SBK Marcy R3108	6.5	327.8	339.8	2362
2638 >E	Roseton 345kV Voltage	Pre-Fault	17.6	NA	345	2638
2640 >E	Gilboa 345kV Voltage	Marcy South S.	8.4	327.8	336.3	3034
2644 >E	New Scotland 345kV Voltage Alps	Marcy South S.	8.7	327.8	339.0	3035
2644 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	8.7	327.8	339.0	3035
2649 >E	Bowline 1 345kV Voltage	Pre-Fault	18.0	NA	345	2649
2657 >E	Bowline 2 345kV Voltage	Pre-Fault	18.0	NA	345	2657
2658 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	9.6	327.8	336.6	1405
2660 >E	Dunwoodie 345kV Voltage	Ravenswood 3	15.8	327.8	335.7	2728
2661 >E	Sprain Brook 345kV Voltage	Ravenswood 3	15.8	327.8	335.7	2729
2664 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	26.4	500	502.1	2120
2664 >E	Ramapo 500kV Voltage	SBK Edic R945	26.4	500	502.1	2120
2664 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	7.4	327.8	332.6	2633
2664 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	7.4	327.8	332.6	2633
2666 >E	New Scotland 345kV Voltage Alps	Marcy South N.	12.6	327.8	347.9	3291
2666 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	12.6	327.8	347.9	3291
2668 >E	Leeds 345kV Voltage	Pre-Fault	15.2	NA	345	2668
2669 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	8.0	327.8	329.9	2123
2669 >E	Gilboa 345kV Voltage	SBK Edic R945	8.0	327.8	329.9	2123
2670 >E	Rock Tavern 345kV Voltage	Ravenswood 3	9.1	327.8	333.8	2737
2674 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	7.9	327.8	329.2	2643
2674 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	8.2	327.8	331.4	2127
2674 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	8.2	327.8	331.4	2127
2674 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	8.2	327.8	331.4	2127
2674 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	8.2	327.8	331.4	2127
2678 >E	Gilboa 345kV Voltage	Ravenswood 3	8.1	327.8	328.7	2744
2681 >E	Watercure 230kV Voltage	Marcy South N.	16.2	207	229.7	3297
2683 >E	Gilboa 345kV Voltage	Volney-Marcy	8.1	327.8	328.1	2582
2686 >E	Gilboa 345kV Voltage	SBK Princetown 345	8.2	327.8	327.8	2686
2686 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	8.2	327.8	327.8	2686
2686 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	8.2	327.8	327.8	2686
2687 >E	Gilboa 345kV Voltage	SBK Edic R70	8.3	327.8	327.7	2724
2687 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	8.1	327.8	329.9	2751
2687 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	8.1	327.8	329.9	2751

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2688 >E	Niagara 230kV East Voltage	Volney-Marcy	13.2	218.5	220.1	2585
2688 >E	Niagara 230kV West Voltage	Volney-Marcy	13.2	218.5	220.1	2585
2694 >E	Buchanan North 345kV Voltage	Ravenswood 3	15.2	327.8	335.2	2757
2695 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	10.7	327.8	339.2	1406
2695 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	8.0	327.8	329.0	2590
2695 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	8.0	327.8	329.0	2590
2697 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	9.7	327.8	331.2	2141
2697 >E	Rock Tavern 345kV Voltage	SBK Edic R945	9.7	327.8	331.2	2141
2699 >E	Niagara 230kV East Voltage	Ravenswood 3	14.1	218.5	219.4	2762
2699 >E	Niagara 230kV West Voltage	Ravenswood 3	14.1	218.5	219.4	2762
2702 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	14.3	218.5	219.2	2144
2702 >E	Niagara 230kV East Voltage	SBK Edic R945	14.3	218.5	219.2	2144
2702 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	14.3	218.5	219.2	2144
2702 >E	Niagara 230kV West Voltage	SBK Edic R945	14.3	218.5	219.2	2144
2703 >E	Millwood 345kV Voltage	Ravenswood 3	15.2	327.8	335.6	2766
2705 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	8.5	327.8	327.8	2705
2705 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	8.5	327.8	327.8	2705
2705 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	8.5	327.8	327.8	2705
2705 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	8.5	327.8	327.8	2705
2705 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	8.5	327.8	327.8	2705
2705 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	8.5	327.8	327.8	2705
2707 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	8.7	327.8	327.6	2744
2707 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	8.7	327.8	327.6	2744
2711 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	14.8	218.5	218.5	2679
2711 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	14.8	218.5	218.5	2679
2712 >E	Niagara 230kV East Voltage	SBK Princetown 345	14.8	218.5	218.5	2712
2712 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	14.8	218.5	218.5	2712
2712 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	14.8	218.5	218.5	2712
2712 >E	Niagara 230kV West Voltage	SBK Princetown 345	14.8	218.5	218.5	2712
2712 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	14.8	218.5	218.5	2712
2712 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	14.8	218.5	218.5	2712
2713 >E	Ramapo 500kV Voltage	Volney-Marcy	28.5	500	500.5	2603
2717 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	29.2	500	500.3	2684
2722 >E	Niagara 230kV East Voltage	SBK Edic R70	15.6	218.5	217.8	2760
2722 >E	Niagara 230kV West Voltage	SBK Edic R70	15.6	218.5	217.8	2760
2724 >E	Gilboa 345kV Voltage	SBK Marcy R3108	9.9	327.8	327.9	2375
2726 >E	Ramapo 500kV Voltage	SBK Marcy R3108	30.4	500	500.7	2375

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2727 >E	Somerset 345kV Voltage	Marcy South S.	10.4	327.8	331.8	3060
2727 >E	Ramapo 500kV Voltage	Pre-Fault	30.0	NA	500	2727
2727 >E	Ramapo 500kV Voltage	SBK Princetown 345	30.0	500	500.0	2727
2727 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	30.0	500	500.0	2727
2727 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	30.0	500	500.0	2727
2729 >E	Ramapo 500kV Voltage	SBK Edic R70	30.4	500	499.9	2767
2729 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	10.6	327.8	328.2	2696
2731 >E	Buchanan South 345kV Voltage	Ravenswood 3	15.2	327.8	335.6	2789
2733 >E	Rock Tavern 345kV Voltage	SBK Edic R70	10.8	327.8	327.9	2770
2733 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	11.6	327.8	338.0	2955
2733 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	11.6	327.8	338.0	2955
2734 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	13.8	207	224.8	1407
2734 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	10.7	327.8	327.8	2734
2734 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	10.7	327.8	327.8	2734
2734 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	10.7	327.8	327.8	2734
2734 >E	Rock Tavern 345kV Voltage	Volney-Marcy	10.6	327.8	327.8	2618
2737 >E	Fraser 345kV Voltage	Marcy South N.	12.7	327.8	327.8	3321
2739 >E	Somerset 345kV Voltage	Marcy South N.	15.9	327.8	345.9	3322
2764 >E	Pannell Road 345kV Voltage	Ravenswood 3	24.0	327.8	331.4	2819
2766 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	15.3	327.8	339.4	1408
2771 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	25.7	327.8	331.3	2188
2771 >E	Pannell Road 345kV Voltage	SBK Edic R945	25.7	327.8	331.3	2188
2775 >E	Ramapo 345kV Voltage	Ravenswood 3	15.1	327.8	334.9	2828
2781 >E	Gilboa 345kV Voltage	Ph2 DC 1500	13.2	327.8	332.1	2986
2785 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	11.4	327.8	326.4	2383
2785 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	11.4	327.8	326.4	2383
2790 >E	Ladentown 345kV Voltage	Ravenswood 3	15.1	327.8	335.5	2841
2795 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	17.0	327.8	329.6	2203
2795 >E	Buchanan North 345kV Voltage	SBK Edic R945	17.0	327.8	329.6	2203
2795 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	18.3	327.8	328.5	2204
2795 >E	Dunwoodie 345kV Voltage	SBK Edic R945	18.3	327.8	328.5	2204
2796 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	18.3	327.8	328.6	2204
2796 >E	Sprain Brook 345kV Voltage	SBK Edic R945	18.3	327.8	328.6	2204
2800 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	18.5	327.8	328.2	2764
2802 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	18.5	327.8	328.2	2766
2807 >E	Dunwoodie 345kV Voltage	SBK Edic R70	18.9	327.8	327.9	2846
2808 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	18.9	327.8	327.8	2808
2808 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	18.9	327.8	327.8	2808
2808 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr	18.9	327.8	327.8	2808

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2809 >E	Sprain Brook 345kV Voltage	SBK Edic R70	18.9	327.8	327.9	2848
2810 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	18.9	327.8	327.8	2810
2810 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	18.9	327.8	327.8	2810
2810 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	18.9	327.8	327.8	2810
2813 >E	Dunwoodie 345kV Voltage	Volney-Marcy	18.9	327.8	327.5	2674
2815 >E	Sprain Brook 345kV Voltage	Volney-Marcy	18.9	327.8	327.5	2675
2816 >E	Bowline 1 345kV Voltage	Ravenswood 3	15.2	327.8	335.8	2863
2817 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	16.0	327.8	332.6	2865
2819 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	17.8	327.8	328.3	2782
2822 >E	Bowline 2 345kV Voltage	Ravenswood 3	15.1	327.8	335.8	2869
2825 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	17.3	327.8	328.8	2223
2825 >E	Millwood 345kV Voltage	SBK Edic R945	17.3	327.8	328.8	2223
2827 >E	Buchanan North 345kV Voltage	SBK Edic R70	18.2	327.8	327.8	2866
2828 >E	Buchanan North 345kV Voltage	SBK Princetown 345	18.2	327.8	327.8	2828
2828 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	18.2	327.8	327.8	2828
2828 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	18.2	327.8	327.8	2828
2829 >E	Buchanan North 345kV Voltage	Volney-Marcy	18.1	327.8	327.7	2685
2832 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	17.6	327.8	328.4	2795
2842 >E	Millwood 345kV Voltage	SBK Edic R70	18.0	327.8	327.8	2881
2843 >E	Millwood 345kV Voltage	SBK Princetown 345	18.0	327.8	327.8	2843
2843 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	18.0	327.8	327.8	2843
2843 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	18.0	327.8	327.8	2843
2843 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	14.0	327.8	335.6	1410
2844 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	17.1	327.8	329.3	2235
2844 >E	Buchanan South 345kV Voltage	SBK Edic R945	17.1	327.8	329.3	2235
2847 >E	Roseton 345kV Voltage	Ravenswood 3	15.5	327.8	333.1	2891
2847 >E	Millwood 345kV Voltage	Volney-Marcy	18.0	327.8	327.6	2697
2855 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	16.5	327.8	330.3	2242
2855 >E	Ramapo 345kV Voltage	SBK Edic R945	16.5	327.8	330.3	2242
2860 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	17.5	327.8	328.4	2821
2864 >E	Watercure 230kV Voltage	SBK Marcy R3108	16.3	207	231.4	2394
2870 >E	Buchanan South 345kV Voltage	SBK Edic R70	18.0	327.8	327.8	2910
2870 >E	Buchanan South 345kV Voltage	SBK Princetown 345	17.9	327.8	327.8	2870
2870 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	17.9	327.8	327.8	2870
2870 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	17.9	327.8	327.8	2870
2872 >E	Niagara 345kV Voltage	SBK Marcy R3108	13.1	327.8	342.9	2395

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2874 >E	Buchanan South 345kV Voltage	Volney-Marcy	17.9	327.8	327.6	2716
2878 >E	Niagara 230kV East Voltage	SBK Marcy R3108	27.6	218.5	226.3	2396
2878 >E	Niagara 230kV West Voltage	SBK Marcy R3108	27.6	218.5	226.3	2396
2881 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	33.4	327.8	328.0	2842
2882 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	16.9	327.8	328.9	2842
2885 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	16.7	327.8	330.2	2261
2885 >E	Ladentown 345kV Voltage	SBK Edic R945	16.7	327.8	330.2	2261
2888 >E	Pannell Road 345kV Voltage	SBK Princetown 345	34.0	327.8	327.8	2888
2888 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	34.0	327.8	327.8	2888
2888 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	34.0	327.8	327.8	2888
2891 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	17.5	327.8	328.3	2851
2894 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	17.4	327.8	328.2	2267
2894 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	17.4	327.8	328.2	2267
2900 >E	Ramapo 345kV Voltage	SBK Edic R70	17.9	327.8	327.8	2940
2901 >E	Ramapo 345kV Voltage	SBK Princetown 345	17.8	327.8	327.8	2901
2901 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	17.8	327.8	327.8	2901
2901 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	17.8	327.8	327.8	2901
2901 >E	Ramapo 345kV Voltage	Volney-Marcy	17.7	327.8	327.8	2735
2901 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	17.6	327.8	327.8	2901
2901 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	17.6	327.8	327.8	2901
2901 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	17.6	327.8	327.8	2901
2902 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	17.7	327.8	327.8	2942
2904 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	17.6	327.8	327.7	2737
2907 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	19.2	327.8	332.7	3068
2908 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	18.0	327.8	325.5	2400
2909 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	16.6	327.8	329.6	2277
2909 >E	Roseton 345kV Voltage	SBK Edic R945	16.6	327.8	329.6	2277
2914 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	16.8	327.8	330.3	2280
2914 >E	Bowline 1 345kV Voltage	SBK Edic R945	16.8	327.8	330.3	2280
2917 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	17.5	327.8	328.4	2876
2921 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	16.7	327.8	330.3	2284
2921 >E	Bowline 2 345kV Voltage	SBK Edic R945	16.7	327.8	330.3	2284
2928 >E	Ladentown 345kV Voltage	SBK Edic R70	18.0	327.8	327.8	2968
2928 >E	Ladentown 345kV Voltage	SBK Princetown 345	17.9	327.8	327.8	2928
2928 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	17.9	327.8	327.8	2928
2928 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	17.9	327.8	327.8	2928
2929 >E	Ladentown 345kV Voltage	Volney-Marcy	17.8	327.8	327.8	2755

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2930 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	17.2	327.8	328.4	2889
2931 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	15.2	327.8	327.8	2290
2931 >E	Leeds 345kV Voltage	SBK Edic R945	15.2	327.8	327.8	2290
2931 >E	Leeds 345kV Voltage	SBK Princetown 345	15.2	327.8	327.8	2931
2931 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	15.2	327.8	327.8	2931
2931 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	15.2	327.8	327.8	2931
2931 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	15.2	327.8	327.8	2890
2931 >E	Leeds 345kV Voltage	Volney-Marcy	15.2	327.8	327.8	2756
2931 >E	Leeds 345kV Voltage	Ravenswood 3	15.2	327.8	327.8	2963
2931 >E	Leeds 345kV Voltage	SBK Edic R70	15.2	327.8	327.8	2971
2935 >E	Gilboa 345kV Voltage	Marcy South N.	19.8	327.8	336.5	3406
2940 >E	Roseton 345kV Voltage	SBK Edic R70	17.6	327.8	327.8	2981
2940 >E	Roseton 345kV Voltage	SBK Princetown 345	17.6	327.8	327.8	2940
2940 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	17.6	327.8	327.8	2940
2940 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	17.6	327.8	327.8	2940
2941 >E	Roseton 345kV Voltage	Volney-Marcy	17.5	327.8	327.7	2764
2945 >E	Leeds 345kV Voltage	Marcy South S.	17.5	327.8	334.6	3127
2947 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	17.6	327.8	328.5	2906
2955 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	17.6	327.8	328.5	2913
2958 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	28.0	327.8	335.6	1413
2959 >E	Bowline 1 345kV Voltage	SBK Edic R70	18.1	327.8	327.8	3000
2959 >E	Bowline 1 345kV Voltage	SBK Princetown 345	18.0	327.8	327.8	2959
2959 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	18.0	327.8	327.8	2959
2959 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	18.0	327.8	327.8	2959
2960 >E	Bowline 1 345kV Voltage	Volney-Marcy	17.9	327.8	327.8	2777
2966 >E	Bowline 2 345kV Voltage	SBK Edic R70	18.1	327.8	327.8	3007
2967 >E	Bowline 2 345kV Voltage	SBK Princetown 345	18.0	327.8	327.8	2967
2967 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	18.0	327.8	327.8	2967
2967 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	18.0	327.8	327.8	2967
2967 >E	Bowline 2 345kV Voltage	Volney-Marcy	17.9	327.8	327.8	2782
2976 >E	Ramapo 500kV Voltage	Marcy South S.	60.9	500	493.1	3137
3000 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	38.2	218.5	224.3	1414
3000 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	38.2	218.5	224.3	1414
3019 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	25.8	327.8	339.0	1415
3050 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	33.8	327.8	331.3	1415
3060 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	34.5	327.8	331.1	1416
3079 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	34.0	327.8	332.8	3180

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Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3084 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	26.6	327.8	339.4	1416
3086 >E	Leeds 345kV Voltage	SBK Marcy R3108	20.7	327.8	327.8	2424
3089 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	29.8	327.8	335.0	1416
3099 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	31.8	327.8	332.7	1417
3113 >E	Niagara 230kV East Voltage	Ph2 DC 1500	45.9	218.5	225.1	3202
3113 >E	Niagara 230kV West Voltage	Ph2 DC 1500	45.9	218.5	225.1	3202
3115 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	21.5	327.8	317.7	1417
3115 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	21.5	327.8	317.7	1417
3115 >E	Niagara 345kV Voltage	Marcy South S.	21.1	327.8	333.3	3179
3123 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	26.5	327.8	340.2	1417
3132 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	34.1	327.8	326.4	2430
3133 >E	Niagara 230kV East Voltage	Marcy South S.	45.1	218.5	221.9	3184
3133 >E	Niagara 230kV West Voltage	Marcy South S.	45.1	218.5	221.9	3184
3136 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	26.5	327.8	341.4	1418
3166 >E	Pleasant Valley 345kV Voltage	Marcy South S.	32.6	327.8	327.5	3195
3173 >E	Gardenville 230kV Voltage	SBK Marcy R3108	26.3	207	222.7	2436
3176 >E	Millwood 345kV Voltage	Ph2 DC 1500	35.5	327.8	332.0	3243
3179 >E	Ramapo 500kV Voltage	Marcy South N.	90.0	500	503.0	3509
3181 >E	Ramapo 345kV Voltage	Ph2 DC 1500	31.9	327.8	333.7	3246
3184 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	41.2	327.8	331.3	3248
3188 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	41.5	327.8	331.2	3251
3191 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	34.2	327.8	332.8	3253
3194 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	30.6	327.8	332.7	3255
3213 >E	Ramapo 345kV Voltage	SBK Marcy R3108	31.0	327.8	326.2	2441
3216 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	29.4	327.8	334.8	1420
3216 >E	Coopers Corners 345kV Voltage	Marcy South N.	24.9	327.8	300.1	3525
3222 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	31.0	327.8	325.6	2442
3237 >E	Ladentown 345kV Voltage	Ph2 DC 1500	32.2	327.8	334.0	3283
3250 >E	Leeds 345kV Voltage	Marcy South N.	28.3	327.8	342.2	3540
3252 >E	Millwood 345kV Voltage	SBK Marcy R3108	38.3	327.8	325.5	2446
3256 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	44.6	327.8	325.6	2447
3257 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	44.9	327.8	325.5	2447
3257 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	35.7	327.8	325.7	2447
3268 >E	Roseton 345kV Voltage	SBK Marcy R3108	30.0	327.8	325.6	2449
3280 >E	Ladentown 345kV Voltage	SBK Marcy R3108	32.0	327.8	326.1	2450
3287 >E	Roseton 345kV Voltage	Ph2 DC 1500	31.6	327.8	332.7	3315
3287 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	32.2	327.8	334.4	3316
3302 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	32.1	327.8	334.5	3325
3310 >E	Niagara 345kV Voltage	Marcy South N.	32.3	327.8	348.8	3565
3319 >E	Rainey 345kV Voltage	Ravenswood 3	40.1	327.8	341.3	3301
3330 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	31.9	327.8	326.0	2457

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3340 >E	Leeds 345kV Voltage	Ph2 DC 1500	29.5	327.8	327.8	3350
3344 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	31.9	327.8	326.0	2459
3365 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	35.9	327.8	328.4	1424
3368 >E	Station 80 345kV Voltage	Volney-Marcy	74.2	327.8	371.2	3063
3370 >E	Farragut 345kV Voltage	Ravenswood 3	42.4	327.8	340.6	3346
3397 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	31.4	327.8	327.8	1425
3405 >E	Niagara 230kV East Voltage	Marcy South N.	69.8	218.5	230.2	3605
3405 >E	Niagara 230kV West Voltage	Marcy South N.	69.8	218.5	230.2	3605
3530 >E	Pleasant Valley 345kV Voltage	Marcy South N.	46.8	327.8	335.9	3658
3532 >E	Rainey 345kV Voltage	Pre-Fault	63.4	NA	338	3532
3542 >E	Farragut 345kV Voltage	Pre-Fault	66.1	NA	338	3542
3599 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	45.0	207	222.7	1431
3662 >E	Watercure 230kV Voltage	Ph2 DC 1500	51.9	207	232.8	3559
3680 >E	Gardenville 230kV Voltage	Marcy South S.	46.0	207	214.6	3351
3737 >E	Roseton 345kV Voltage	Marcy South S.	47.1	327.8	308.9	3368
3754 >E	Goethals 345kV Voltage	Ravenswood 3	57.7	327.8	339.4	3679
3765 >E	Dunwoodie 345kV Voltage	Marcy South S.	73.4	327.8	313.0	3377
3784 >E	Sprain Brook 345kV Voltage	Marcy South S.	73.8	327.8	312.5	3383
3791 >E	Millwood 345kV Voltage	Marcy South S.	64.8	327.8	310.1	3385
3814 >E	Gardenville 230kV Voltage	Marcy South N.	57.1	207	231.4	3779
3875 >E	Goethals 345kV Voltage	Pre-Fault	89.1	NA	338	3875
3990 >E	Rock Tavern 345kV Voltage	Marcy South N.	54.1	327.8	314.5	3854
4051 >E	Gardenville 230kV Voltage	Ph2 DC 1500	59.9	207	222.8	3813
4086 >E	Buchanan South 345kV Voltage	Marcy South S.	71.1	327.8	300.9	3475
4116 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	61.2	327.8	328.8	3048
4116 >E	Rainey 345kV Voltage	SBK Edic R945	61.2	327.8	328.8	3048
4118 >E	Roseton 345kV Voltage	Marcy South N.	61.0	327.8	329.4	3909
4139 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	62.0	327.8	328.4	4053
4151 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	63.8	327.8	328.8	3071
4151 >E	Farragut 345kV Voltage	SBK Edic R945	63.8	327.8	328.8	3071
4162 >E	Buchanan North 345kV Voltage	Marcy South S.	78.9	327.8	294.6	3498
4167 >E	Coopers Corners 345kV Voltage	Marcy South S.	42.3	327.8	74.9	3500
4175 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	64.6	327.8	328.4	4088
4179 >E	Rainey 345kV Voltage	SBK Princetown 345	63.4	327.8	327.8	4179
4179 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	63.4	327.8	327.8	4179
4179 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	63.4	327.8	327.8	4179
4180 >E	Rainey 345kV Voltage	SBK Edic R70	63.6	327.8	327.8	4239
4193 >E	Rainey 345kV Voltage	Volney-Marcy	63.8	327.8	327.6	3643
4216 >E	Farragut 345kV Voltage	SBK Princetown 345	66.1	327.8	327.8	4216
4216 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	66.1	327.8	327.8	4216

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4216 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	66.1	327.8	327.8	4216
4218 >E	Farragut 345kV Voltage	SBK Edic R70	66.3	327.8	327.8	4277
4229 >E	Millwood 345kV Voltage	Marcy South N.	84.1	327.8	329.1	3956
4231 >E	Farragut 345kV Voltage	Volney-Marcy	66.6	327.8	327.6	3669
4294 >E	Rock Tavern 345kV Voltage	Marcy South S.	59.3	327.8	243.4	3538
4313 >E	Dunwoodie 345kV Voltage	Marcy South N.	100.6	327.8	328.1	3992
4321 >E	Sprain Brook 345kV Voltage	Marcy South N.	100.5	327.8	328.1	3995
4431 >E	Buchanan North 345kV Voltage	Marcy South N.	94.4	327.8	326.1	4042
4498 >E	Buchanan South 345kV Voltage	Marcy South N.	88.9	327.8	328.2	4070
4526 >E	Watercure 230kV Voltage	Volney-Marcy	82.7	207	250.8	3876
4695 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	85.7	327.8	328.8	3419
4695 >E	Goethals 345kV Voltage	SBK Edic R945	85.7	327.8	328.8	3419
4729 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	87.0	327.8	328.4	4622
4784 >E	Goethals 345kV Voltage	SBK Princetown 345	89.1	327.8	327.8	4784
4784 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	89.1	327.8	327.8	4784
4784 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	89.1	327.8	327.8	4784
4785 >E	Goethals 345kV Voltage	SBK Edic R70	89.2	327.8	327.8	4853
4804 >E	Goethals 345kV Voltage	Volney-Marcy	89.7	327.8	327.6	4072
4869 >E	Watercure 230kV Voltage	Marcy South S.	94.3	207	226.0	3714
4883 >E	Ramapo 345kV Voltage	Marcy South S.	90.1	327.8	270.0	3718
4962 >E	Ramapo 345kV Voltage	Marcy South N.	97.3	327.8	323.1	4268
4975 >E	Ladentown 345kV Voltage	Marcy South S.	91.5	327.8	270.5	3746
5233 >E	Ladentown 345kV Voltage	Marcy South N.	103.9	327.8	325.1	4383
5408 >E	Bowline 1 345kV Voltage	Marcy South S.	101.8	327.8	257.7	3878
5428 >E	Bowline 2 345kV Voltage	Marcy South S.	101.1	327.8	257.4	3884
5492 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	113.1	327.8	333.6	1483
5542 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	117.4	327.8	333.5	1484
5650 >E	Gardenville 230kV Voltage	Volney-Marcy	119.9	207	235.8	4666
5703 >E	Bowline 1 345kV Voltage	Marcy South N.	114.9	327.8	325.0	4583
5733 >E	Bowline 2 345kV Voltage	Marcy South N.	114.2	327.8	325.0	4596
5867 >E	Pannell Road 345kV Voltage	SBK Edic R70	288.3	327.8	240.1	5951
5940 >E	Rainey 345kV Voltage	Ph2 DC 1500	130.0	327.8	333.8	5042
5984 >E	Farragut 345kV Voltage	Ph2 DC 1500	134.3	327.8	333.7	5071
6447 >E	Rainey 345kV Voltage	SBK Marcy R3108	148.2	327.8	324.7	2879
6522 >E	Farragut 345kV Voltage	SBK Marcy R3108	154.1	327.8	324.7	2889
6554 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	158.1	327.8	333.5	1512
7102 >E	Goethals 345kV Voltage	Ph2 DC 1500	179.5	327.8	333.9	5798
7953 >E	Goethals 345kV Voltage	SBK Marcy R3108	211.6	327.8	324.7	3083
9203 >E	Rainey 345kV Voltage	Marcy South S.	250.3	327.8	304.0	5035

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
9346 >E	Farragut 345kV Voltage	Marcy South S.	260.8	327.8	304.4	5078
11681 >E	Rainey 345kV Voltage	Marcy South N.	340.2	327.8	328.8	7127
11787 >E	Goethals 345kV Voltage	Marcy South S.	358.9	327.8	304.4	5822
11809 >E	Farragut 345kV Voltage	Marcy South N.	352.0	327.8	328.8	7181
11869 >E	Gardenville 230kV Voltage	Ravenswood 3	355.7	207	240.2	10737
12377 >E	Somerset 345kV Voltage	Ph2 DC 1500	458.1	327.8	555.1	9232
12528 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	385.4	207	240.7	8427
12529 >E	Gardenville 230kV Voltage	SBK Edic R945	385.5	207	240.7	8428
14904 >E	Northport 138kV Voltage	Ph2 DC 1500	976.4	131.1	134.0	10877
15188 >E	Goethals 345kV Voltage	Marcy South N.	487.5	327.8	328.6	8619
16591 >E	Northport 138kV Voltage	SBK Marcy R3108	1106.9	131.1	129.6	4252
24108 >E	Northport 138kV Voltage	Marcy South S.	1697.2	131.1	122.0	9578
33245 >E	Northport 138kV Voltage	Marcy South N.	2424.4	131.1	131.2	16302
99998 >E	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
99998 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998	Station 80 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Station 80 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Somerset 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	Edic-Gordon Rd. 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

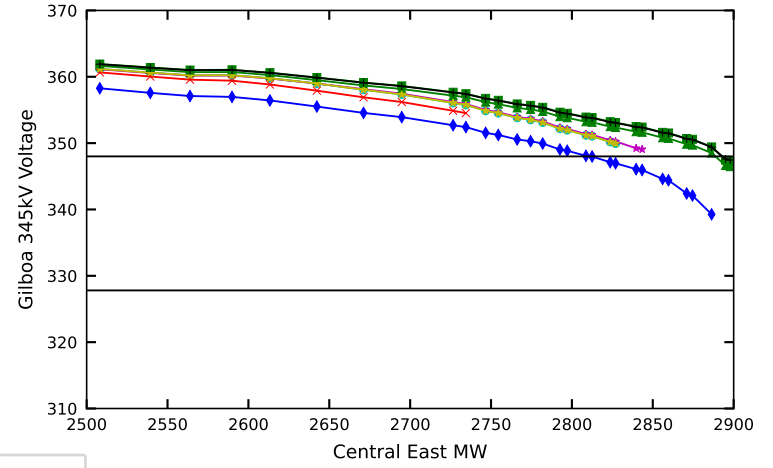
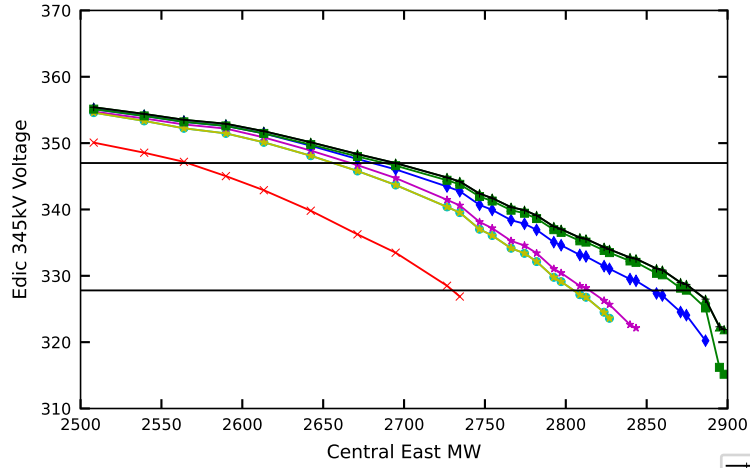
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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

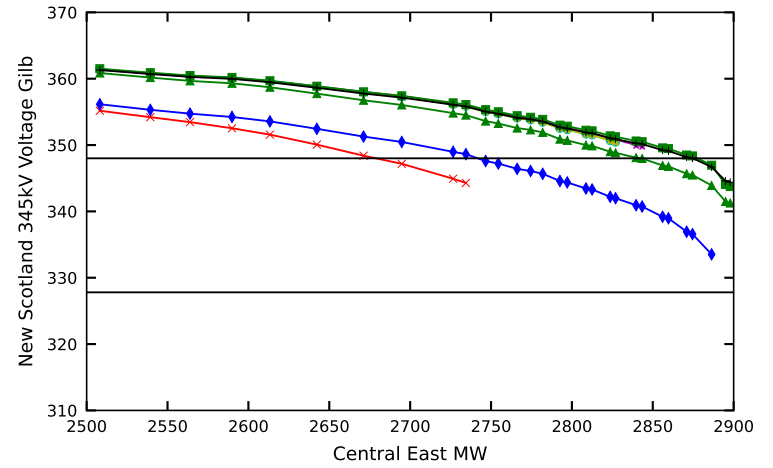
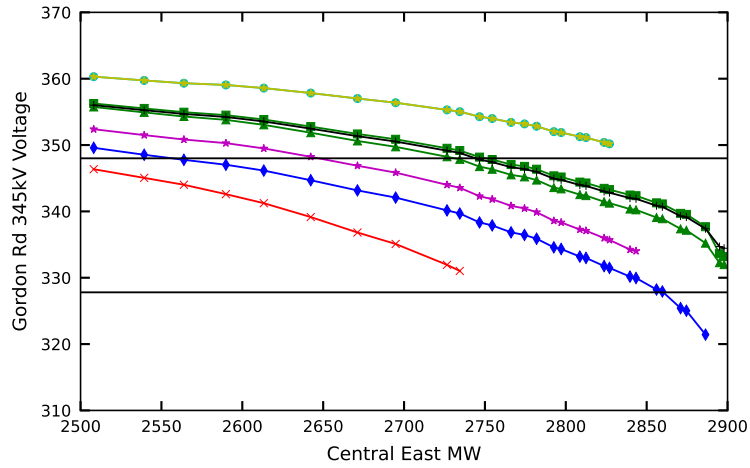
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Watercure 230kV Voltage	SBK Edic R945	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

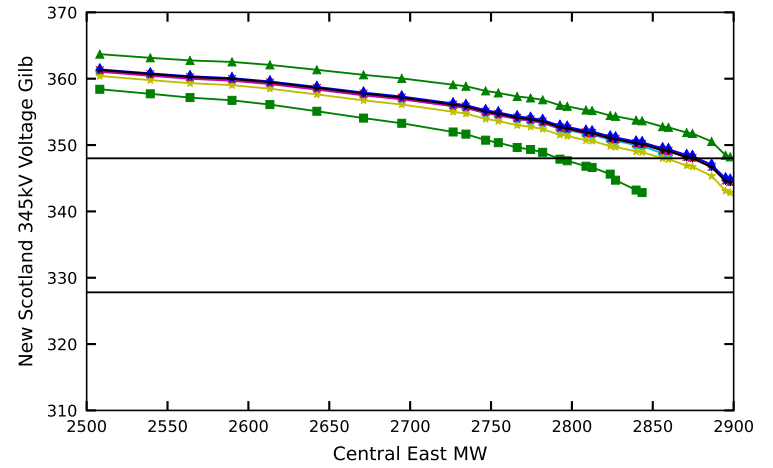
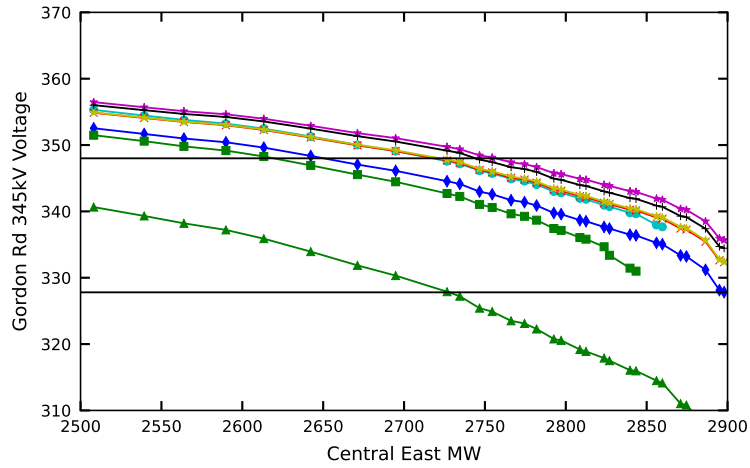
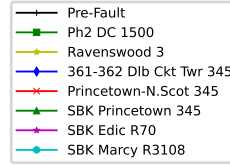
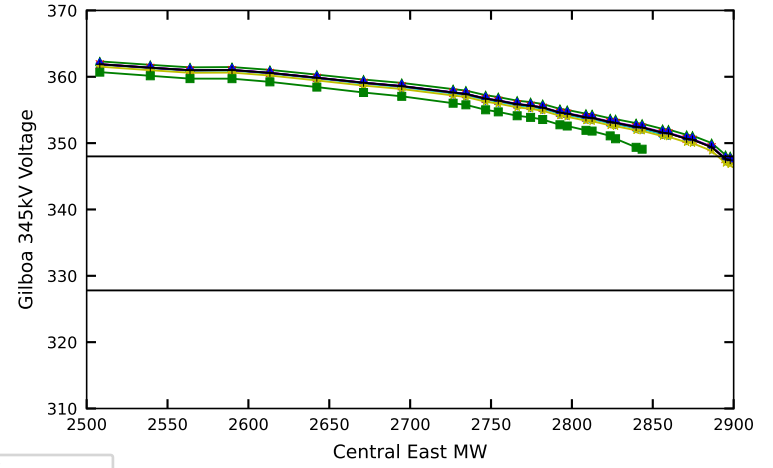
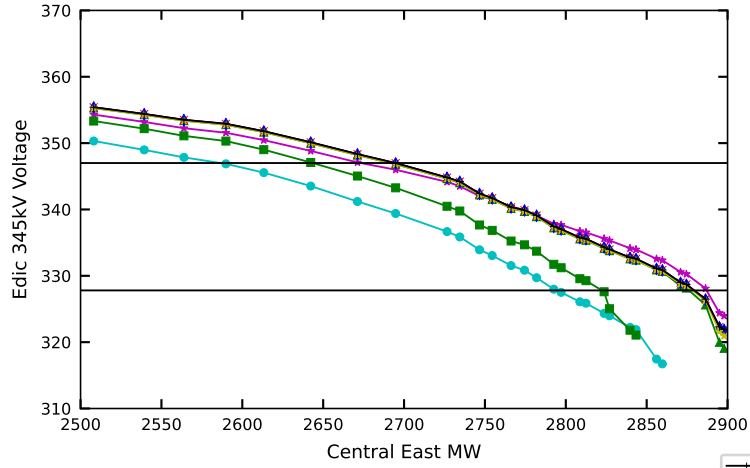
1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI Figure 1



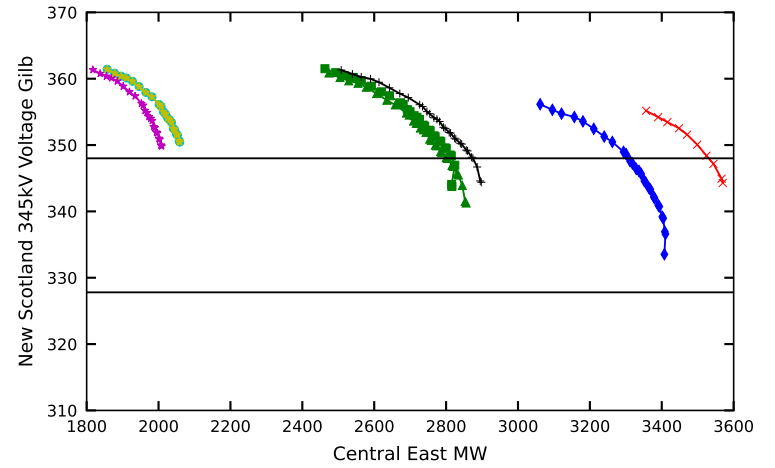
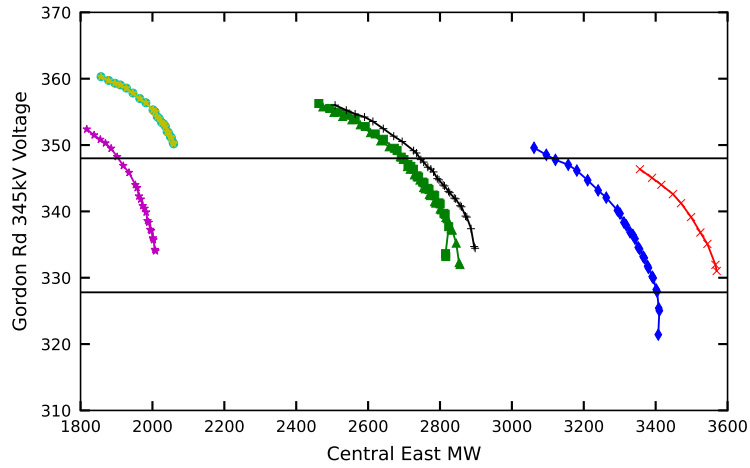
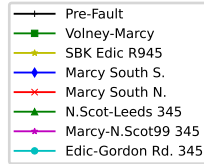
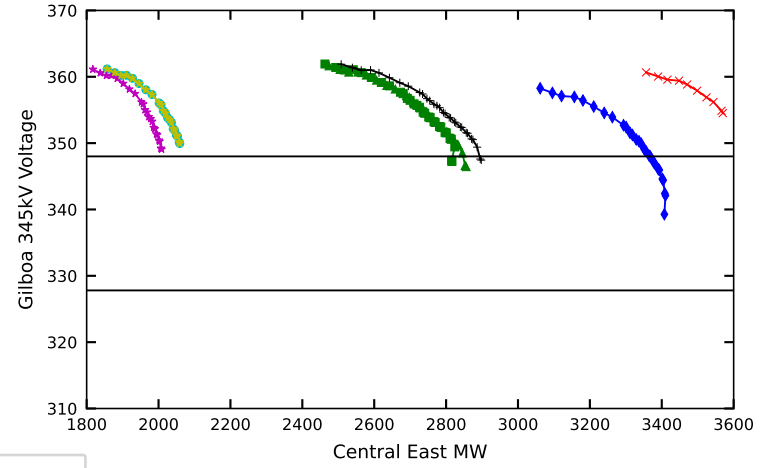
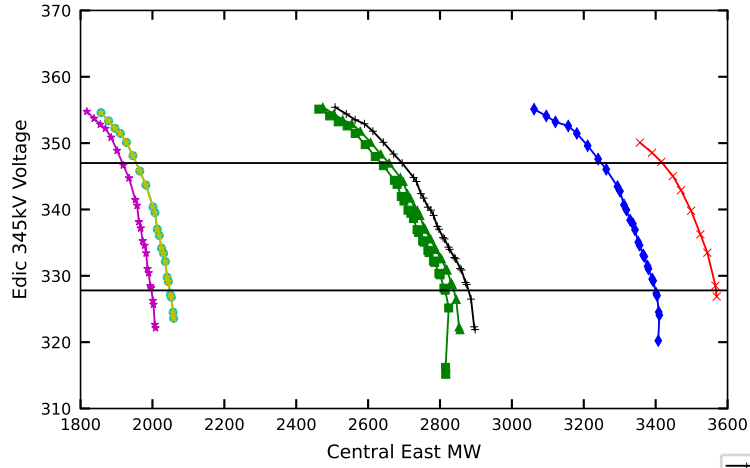
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



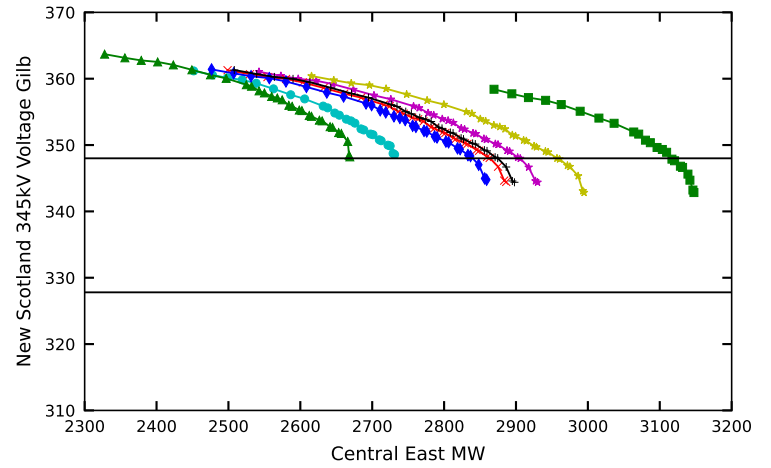
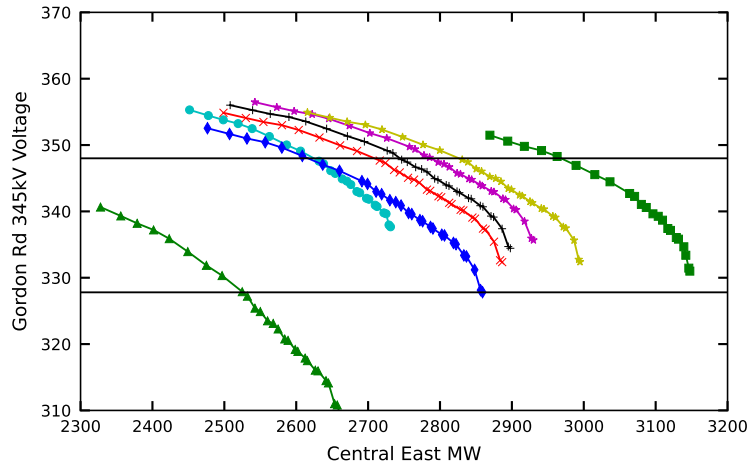
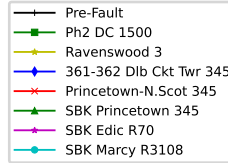
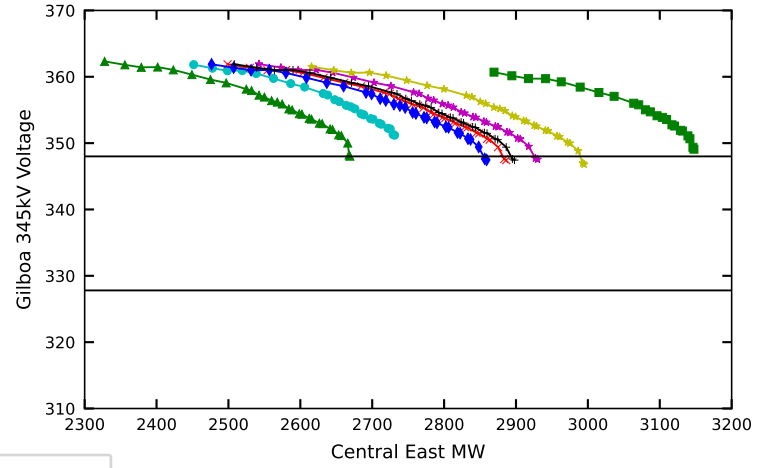
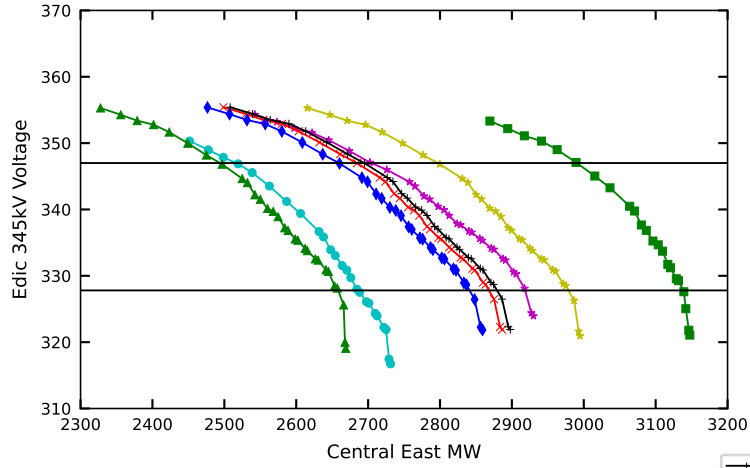
1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI Figure 2



1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI Figure 1



1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 2O ALI

Interface: Central East

Transfer	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
	MW	e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
2508	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2539	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2563	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2589	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2613	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2642	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2671	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2694	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2726	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2734	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2746	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2754	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2766	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2774	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2781	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2792	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2797	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2808	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2812	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2823	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2826	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2839	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	2															
2843	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	3															
2856	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	4															
2859	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	5															
2870	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	6															
2874	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	7															
2886	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 2O ALI

Interface: Central East

	8															
2894	t2	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2
	9															
2897	t3	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2
	0															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

SBK																														
Edic																														
R70																														
ce30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SBK																														
Princ																														
etow																														
n 345																														
ce31)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Princ																														
etow																														
n-																														
N.Sc																														
ot																														
345																														
ce32)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
361-																														
362																														
Dlb																														
Ckt																														
Twr																														
345																														
log09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
)																														
Rave																														
nswo																														
od 3																														
log15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2
) Ph2																														
DC																														
1500																														

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2423 <E	Dunwoodie 345kV Voltage	Pre-Fault	99.6	NA	348	2423
2433 <E	Sprain Brook 345kV Voltage	Pre-Fault	99.8	NA	348	2433
2597	limit with 5% margin	Marcy South N.	NA	NA	NA	3391
2678	Marcy 345kV Voltage	Pre-Fault	17.2	NA	348	2678
2685	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1956
2685	limit with 5% margin	SBK Edic R945	NA	NA	NA	1956
2694	Edic 345kV Voltage	Pre-Fault	17.3	NA	347	2694
2701	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1908
2701	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2990
2716	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2594
2727	Gordon Rd 345kV Voltage	SBK Princetown 345	11.7	327.8	349.1	2525
2729	Edic 345kV Voltage	Marcy South N.	4.9	327.8	344.6	3567
2730	limit with 5% margin	Marcy South S.	NA	NA	NA	3239
2731	Marcy 345kV Voltage	Marcy South N.	4.9	327.8	344.5	3568
2739	Pannell Road 345kV Voltage	Pre-Fault	8.6	NA	346	2739
2740	Station 80 345kV Voltage	Pre-Fault	8.1	NA	346	2740
2742	limit with 5% margin	Volney-Marcy	NA	NA	NA	2683
2743 >E	Clay 345kV Voltage	Marcy South N.	5.2	327.8	345.6	3573
2744	Gordon Rd 345kV Voltage	Pre-Fault	12.1	NA	348	2744
2744	Clay 345kV Voltage	Pre-Fault	8.0	NA	345	2744
2752	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2712
2752	limit with 5% margin	SBK Edic R70	NA	NA	NA	2783
2752	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2535
2752	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2742
2752	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2716
2752	limit with 5% margin	Ravenswood 3	NA	NA	NA	2845
2762 >E	Gordon Rd 345kV Voltage	Marcy South N.	8.6	327.8	347.6	3582
2771	Millwood 345kV Voltage	Pre-Fault	140.8	NA	348	2771
2792 >E	Oakdale 345kV Voltage	Marcy South N.	6.6	320	345.6	3595
2794	Edic 345kV Voltage	SBK Marcy R3108	9.4	327.8	337.3	2685
2800 >E	Pannell Road 345kV Voltage	Marcy South N.	8.1	327.8	343.3	3599
2803	Marcy 345kV Voltage	SBK Edic R945	5.8	327.8	336.4	2047
2803	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.8	327.8	336.4	2047
2804	Edic 345kV Voltage	SBK Edic R945	5.9	327.8	336.2	2048
2804	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.9	327.8	336.2	2048
2814	Edic 345kV Voltage	Marcy-N.Scot99 345	5.8	327.8	335.3	1997
2819	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	334.8	1999
2822	Edic 345kV Voltage	Ph2 DC 1500	6.7	327.8	334.5	3138
2823	Marcy 345kV Voltage	Ph2 DC 1500	1.3	327.8	334.3	3139
2824 >E	Station 80 345kV Voltage	Marcy South N.	8.9	327.8	342.1	3609

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2832 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	337.7	2061
2832 >E	Clay 345kV Voltage	SBK Edic R945	4.6	327.8	337.7	2061
2835	Clay 345kV Voltage	SBK Marcy R3108	8.6	327.8	337.5	2719
2843 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	8.8	327.8	337.0	2008
2846 >E	Clay 345kV Voltage	Ph2 DC 1500	6.1	327.8	336.9	3148
2847	Buchanan North 345kV Voltage	Pre-Fault	39.9	NA	346	2847
2853	Edic 345kV Voltage	Marcy South S.	6.6	327.8	331.5	3399
2855	Marcy 345kV Voltage	Marcy South S.	6.6	327.8	331.2	3400
2860	Gordon Rd 345kV Voltage	Marcy South S.	4.5	327.8	340.6	3404
2861 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	4.0	320	335.1	2076
2862 >E	Oakdale 345kV Voltage	SBK Edic R945	4.1	320	334.9	2076
2867	Oakdale 345kV Voltage	Pre-Fault	7.3	NA	335	2867
2869 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.2	327.8	341.2	3157
2874	Edic 345kV Voltage	Volney-Marcy	4.4	327.8	328.7	2814
2874	New Scotland 345kV Voltage Alps	Pre-Fault	8.9	NA	348	2874
2874	New Scotland 345kV Voltage Gilb	Pre-Fault	8.9	NA	348	2874
2876	Edic 345kV Voltage	SBK Princetown 345	4.6	327.8	328.4	2658
2876	Marcy 345kV Voltage	Volney-Marcy	4.4	327.8	328.2	2816
2877	Marcy 345kV Voltage	SBK Princetown 345	4.6	327.8	328.2	2658
2878	Edic 345kV Voltage	Ravenswood 3	5.3	327.8	328.0	2978
2879	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	5.3	327.8	327.9	2841
2879	Marcy 345kV Voltage	N.Scot-Leeds 345	5.3	327.8	327.8	2838
2879	Marcy 345kV Voltage	SBK Edic R70	5.3	327.8	327.8	2910
2879	Marcy 345kV Voltage	Princetown-N.Scot 345	5.3	327.8	327.8	2867
2879	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	5.3	327.8	327.8	2841
2879	Marcy 345kV Voltage	Ravenswood 3	5.3	327.8	327.8	2979
2879	Edic 345kV Voltage	N.Scot-Leeds 345	5.3	327.8	327.8	2838
2879	Edic 345kV Voltage	Princetown-N.Scot 345	5.3	327.8	327.8	2868
2885 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	7.5	327.8	338.6	2088
2885 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	340.8	2088
2887	Edic 345kV Voltage	SBK Edic R70	2.3	327.8	326.2	2918
2887	Fraser 345kV Voltage	Pre-Fault	2.5	NA	338	2887
2887 >E	Fraser 345kV Voltage	SBK Edic R945	5.6	327.8	340.6	2088
2887 >E	Pannell Road 345kV Voltage	SBK Edic R945	7.9	327.8	338.4	2088
2888 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	6.9	218.5	223.0	2089
2889 >E	Clay 345kV Voltage	Volney-Marcy	5.3	327.8	331.9	2826
2889 >E	St.Lawrence 230kV Voltage	SBK Edic R945	7.0	218.5	222.9	2089
2889 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	7.8	327.8	338.6	2749
2890	Rock Tavern 345kV Voltage	Pre-Fault	7.1	NA	348	2890

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2892	Clay 345kV Voltage	SBK Princetown 345	1.7	327.8	329.8	2667
2893	Gilboa 345kV Voltage	Pre-Fault	4.8	NA	348	2893
2893	Coopers Corners 345kV Voltage	Pre-Fault	3.5	NA	338	2893
2894	Clay 345kV Voltage	Ravenswood 3	3.6	327.8	328.8	2992
2898 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	9.5	327.8	334.4	2859
2899 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	9.0	327.8	342.0	2095
2900 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	6.0	327.8	327.9	2861
2900 >E	Clay 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	327.9	2858
2900 >E	Ramapo 500kV Voltage	Ph2 DC 1500	21.9	500	507.0	3169
2900 >E	Clay 345kV Voltage	Princetown-N.Scot 345	6.0	327.8	327.8	2889
2901 >E	Pleasant Valley 345kV Voltage	Pre-Fault	58.2	NA	348	2901
2901 >E	Clay 345kV Voltage	Marcy South S.	9.0	327.8	332.0	3423
2902 >E	Coopers Corners 345kV Voltage	SBK Edic R945	9.3	327.8	341.9	2096
2905 >E	Clay 345kV Voltage	SBK Edic R70	5.9	327.8	327.0	2937
2909 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	9.6	320	335.5	2043
2910 >E	Marcy 345kV Voltage	SBK Marcy R3108	16.7	327.8	327.8	2761
2911 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	8.9	327.8	338.5	2101
2913 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	10.0	327.8	338.4	3174
2916 >E	Station 80 345kV Voltage	SBK Edic R945	9.4	327.8	338.3	2102
2918 >E	St.Lawrence 230kV Voltage	Pre-Fault	27.9	NA	225	2918
2918 >E	Oakdale 345kV Voltage	Ph2 DC 1500	7.0	320	335.1	3175
2920 >E	Oakdale 345kV Voltage	Volney-Marcy	4.1	320	324.0	2852
2920 >E	Station 80 345kV Voltage	SBK Marcy R3108	9.4	327.8	338.8	2768
2921 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.7	320	324.3	2677
2923 >E	Oakdale 345kV Voltage	SBK Marcy R3108	8.2	320	333.2	2769
2929 >E	Oakdale 345kV Voltage	Ravenswood 3	5.6	320	323.3	3014
2934 >E	Gordon Rd 345kV Voltage	Ravenswood 3	8.1	327.8	331.1	3018
2937 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	340.4	2058
2937 >E	New Scotland 345kV Voltage Alps	Marcy South N.	12.3	327.8	349.2	3660
2937 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	12.3	327.8	349.2	3660
2938 >E	Buchanan South 345kV Voltage	Pre-Fault	81.4	NA	346	2938
2939 >E	Pannell Road 345kV Voltage	SBK Princetown 345	7.4	327.8	333.8	2683
2940 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	10.1	327.8	330.6	2896
2941 >E	Station 80 345kV Voltage	Ph2 DC 1500	11.7	327.8	338.7	3184
2942 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	14.3	327.8	337.6	2060
2944 >E	Fraser 345kV Voltage	Volney-Marcy	5.6	327.8	327.8	2873
2945 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	10.6	327.8	330.1	2933
2947 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	15.3	327.8	341.7	2063
2947 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	16.1	218.5	227.5	3186

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2948 >E	Pannell Road 345kV Voltage	Volney-Marcy	8.6	327.8	331.6	2876
2949 >E	Gordon Rd 345kV Voltage	Volney-Marcy	6.3	327.8	328.1	2876
2949 >E	Ramapo 500kV Voltage	Ravenswood 3	25.0	500	505.7	3027
2949 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	17.1	327.8	338.9	2064
2952 >E	Fraser 345kV Voltage	Ph2 DC 1500	7.5	327.8	339.8	3188
2952 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	7.7	320	320.2	2911
2953 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	7.7	320	320.2	2908
2954 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	7.7	320	320.1	2941
2957 >E	Niagara 230kV East Voltage	Pre-Fault	9.8	NA	225	2957
2957 >E	Niagara 230kV West Voltage	Pre-Fault	9.8	NA	225	2957
2958 >E	Oakdale 345kV Voltage	SBK Edic R70	7.8	320	319.4	2991
2961 >E	Pannell Road 345kV Voltage	Marcy South S.	10.2	327.8	331.7	3452
2962 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	9.4	327.8	327.8	2917
2962 >E	Fraser 345kV Voltage	Ravenswood 3	9.4	327.8	327.8	3035
2962 >E	Fraser 345kV Voltage	SBK Edic R70	9.4	327.8	327.8	2994
2962 >E	Fraser 345kV Voltage	SBK Princetown 345	9.4	327.8	327.8	2691
2962 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	9.4	327.8	327.8	2950
2962 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	9.4	327.8	327.8	2920
2962 >E	Coopers Corners 345kV Voltage	Ravenswood 3	11.2	327.8	333.3	3035
2963 >E	New Scotland 345kV Voltage Alps	Marcy South S.	10.1	327.8	344.6	3453
2963 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	10.1	327.8	344.6	3453
2963 >E	Pannell Road 345kV Voltage	Ravenswood 3	10.5	327.8	333.0	3036
2966 >E	Station 80 345kV Voltage	Marcy South S.	9.0	327.8	331.0	3454
2968 >E	Oakdale 345kV Voltage	Marcy South S.	6.9	320	321.9	3455
2977 >E	Coopers Corners 345kV Voltage	Volney-Marcy	7.2	327.8	327.6	2900
2977 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	10.4	327.8	332.4	2697
2979 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	12.0	218.5	222.8	2697
2985 >E	Gordon Rd 345kV Voltage	SBK Edic R70	11.1	327.8	326.5	3018
2986 >E	Station 80 345kV Voltage	SBK Princetown 345	11.1	327.8	336.7	2700
2989 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	11.4	327.8	340.7	3202
2989 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	13.2	327.8	334.8	2809
2990 >E	Station 80 345kV Voltage	Volney-Marcy	11.3	327.8	331.7	2911
2991 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	9.8	327.8	346.0	3203
2991 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	9.8	327.8	346.0	3203
2992 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	16.8	327.8	337.5	2086
2995 >E	St.Lawrence 230kV Voltage	Ravenswood 3	14.8	218.5	222.2	3056
2996 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	29.2	500	504.8	2144
3000 >E	Ramapo 500kV Voltage	SBK Edic R945	30.0	500	504.8	2144
3004 >E	Niagara 230kV East Voltage	SBK Princetown 345	8.7	218.5	220.2	2707

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3004 >E	Niagara 230kV West Voltage	SBK Princetown 345	8.7	218.5	220.2	2707
3007 >E	Niagara 230kV East Voltage	Ravenswood 3	9.1	218.5	219.8	3064
3007 >E	Niagara 230kV West Voltage	Ravenswood 3	9.1	218.5	219.8	3064
3009 >E	St.Lawrence 230kV Voltage	Marcy South N.	24.6	218.5	228.6	3692
3019 >E	Niagara 230kV East Voltage	SBK Edic R70	9.8	218.5	218.6	3052
3019 >E	Niagara 230kV West Voltage	SBK Edic R70	9.8	218.5	218.6	3052
3020 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	9.8	218.5	218.5	2976
3020 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	9.8	218.5	218.5	2976
3020 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	9.8	218.5	218.5	2973
3020 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	9.8	218.5	218.5	2973
3020 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	9.8	218.5	218.5	3007
3020 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	9.8	218.5	218.5	3007
3023 >E	Coopers Corners 345kV Voltage	SBK Edic R70	15.0	327.8	329.5	3056
3030 >E	Watercure 230kV Voltage	Marcy South N.	16.8	207	226.3	3701
3039 >E	Gilboa 345kV Voltage	Marcy South S.	11.6	327.8	345.1	3490
3042 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	16.1	327.8	328.4	2993
3043 >E	Station 80 345kV Voltage	Ravenswood 3	17.5	327.8	336.4	3086
3047 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	16.2	327.8	328.1	3001
3048 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	8.5	327.8	328.4	2959
3048 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	8.5	327.8	328.4	2959
3050 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	16.2	327.8	327.9	3036
3051 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	37.9	500	504.8	2118
3065 >E	St.Lawrence 230kV Voltage	Volney-Marcy	21.3	218.5	220.7	2973
3066 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	11.2	327.8	332.8	3101
3066 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	11.2	327.8	332.8	3101
3067 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	12.6	327.8	332.7	3018
3067 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	12.6	327.8	332.7	3018
3073 >E	Ramapo 345kV Voltage	Pre-Fault	68.3	NA	346	3073
3074 >E	Fraser 345kV Voltage	Marcy South S.	15.8	327.8	327.8	3506
3078 >E	Somerset 345kV Voltage	Marcy South N.	16.7	327.8	344.7	3722
3082 >E	Ramapo 500kV Voltage	SBK Princetown 345	27.7	500	502.3	2735
3087 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	12.2	207	223.6	2189
3098 >E	Watercure 230kV Voltage	SBK Edic R945	12.7	207	223.2	2191
3099 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	27.9	218.5	218.5	3085
3100 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	28.0	218.5	218.5	3052
3101 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	28.0	218.5	218.4	3050
3106 >E	Niagara 230kV East Voltage	Volney-Marcy	17.3	218.5	219.8	3008

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3106 >E	Niagara 230kV West Voltage	Volney-Marcy	17.3	218.5	219.8	3008
3108 >E	Dunwoodie 345kV Voltage	Volney-Marcy	14.5	327.8	327.5	3009
3108 >E	Gilboa 345kV Voltage	Volney-Marcy	10.3	327.8	328.1	3010
3111 >E	Sprain Brook 345kV Voltage	Volney-Marcy	14.7	327.8	327.5	3013
3119 >E	Leeds 345kV Voltage	Pre-Fault	26.8	NA	345	3119
3121 >E	Gilboa 345kV Voltage	Ph2 DC 1500	13.1	327.8	346.2	3252
3121 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	31.9	218.5	225.6	2155
3122 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	30.8	327.8	327.8	3107
3122 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	31.0	327.8	327.8	3073
3123 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	31.1	327.8	327.8	3071
3124 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	13.4	327.8	341.8	2208
3126 >E	Pannell Road 345kV Voltage	SBK Edic R70	29.6	327.8	327.7	3159
3130 >E	St.Lawrence 230kV Voltage	SBK Edic R70	31.6	218.5	217.4	3163
3134 >E	Gilboa 345kV Voltage	SBK Edic R945	13.9	327.8	341.4	2209
3137 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	11.7	327.8	328.0	2754
3137 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	11.7	327.8	328.0	2754
3137 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	14.5	327.8	327.9	3170
3137 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	14.5	327.8	327.9	3170
3141 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	14.6	327.8	327.7	3126
3141 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	14.6	327.8	327.7	3126
3149 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	14.8	327.8	327.1	3099
3149 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	14.8	327.8	327.1	3099
3151 >E	Ramapo 500kV Voltage	Marcy South S.	37.0	500	502.8	3543
3154 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	16.1	327.8	343.0	2223
3155 >E	Ramapo 500kV Voltage	SBK Edic R70	36.8	500	500.4	3188
3156 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	37.8	500	500.4	3103
3165 >E	Millwood 345kV Voltage	Volney-Marcy	15.5	327.8	327.5	3057
3166 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	38.3	500	500.1	3115
3168 >E	Ladentown 345kV Voltage	Pre-Fault	69.4	NA	346	3168
3169 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	38.4	500	500.0	3153
3169 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	15.3	327.8	322.8	2230
3170 >E	Ramapo 500kV Voltage	Pre-Fault	38.5	NA	500	3170
3170 >E	Somerset 345kV Voltage	SBK Edic R945	16.9	327.8	342.6	2227
3173 >E	Buchanan North 345kV Voltage	Volney-Marcy	16.7	327.8	327.6	3064
3173 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	15.3	327.8	336.1	2233
3173 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	15.3	327.8	336.1	2233
3176 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	37.7	218.5	224.3	2921

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3179 >E	Gordon Rd 345kV Voltage	SBK Edic R945	15.7	327.8	322.2	2231
3179 >E	Leeds 345kV Voltage	Marcy South S.	14.3	327.8	349.8	3557
3182 >E	Rock Tavern 345kV Voltage	Volney-Marcy	14.1	327.8	327.6	3072
3183 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	15.8	327.8	335.7	2233
3183 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	15.8	327.8	335.7	2233
3193 >E	Fraser 345kV Voltage	SBK Marcy R3108	23.0	327.8	327.8	2931
3195 >E	Gilboa 345kV Voltage	Ravenswood 3	15.7	327.8	330.2	3183
3196 >E	Somerset 345kV Voltage	SBK Marcy R3108	17.3	327.8	344.3	2933
3197 >E	Fraser 345kV Voltage	Marcy South N.	17.8	327.8	327.8	3775
3202 >E	Buchanan South 345kV Voltage	Volney-Marcy	16.1	327.8	327.6	3088
3205 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	16.5	327.8	329.6	3150
3212 >E	Watercure 230kV Voltage	Ph2 DC 1500	17.1	207	226.2	3287
3214 >E	St.Lawrence 230kV Voltage	Marcy South S.	37.6	218.5	222.0	3574
3217 >E	Gilboa 345kV Voltage	SBK Princetown 345	15.8	327.8	328.9	2783
3219 >E	Ramapo 500kV Voltage	Volney-Marcy	45.5	500	500.6	3102
3231 >E	Somerset 345kV Voltage	Ph2 DC 1500	20.4	327.8	344.6	3294
3236 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	17.3	327.8	327.8	3220
3238 >E	Gilboa 345kV Voltage	SBK Edic R70	17.3	327.8	327.7	3272
3238 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	17.3	327.8	327.7	3184
3240 >E	Somerset 345kV Voltage	Marcy South S.	17.3	327.8	332.1	3586
3255 >E	Gardenville 230kV Voltage	Pre-Fault	21.6	NA	217	3255
3269 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	17.9	327.8	327.6	3145
3281 >E	Ramapo 500kV Voltage	SBK Marcy R3108	55.5	500	501.4	2984
3281 >E	Roseton 345kV Voltage	Pre-Fault	65.7	NA	345	3281
3285 >E	Ramapo 345kV Voltage	Volney-Marcy	18.4	327.8	327.7	3158
3290 >E	Ladentown 345kV Voltage	Volney-Marcy	17.5	327.8	327.7	3162
3292 >E	Rock Tavern 345kV Voltage	Ravenswood 3	25.6	327.8	339.1	3245
3297 >E	Watercure 230kV Voltage	SBK Marcy R3108	19.7	207	223.9	2994
3315 >E	Buchanan North 345kV Voltage	Ravenswood 3	40.2	327.8	338.2	3260
3318 >E	Bowline 1 345kV Voltage	Volney-Marcy	17.5	327.8	327.7	3185
3325 >E	Leeds 345kV Voltage	Volney-Marcy	16.4	327.8	327.8	3191
3325 >E	Bowline 2 345kV Voltage	Volney-Marcy	17.5	327.8	327.7	3191
3326 >E	Gardenville 230kV Voltage	SBK Princetown 345	16.4	207	213.7	2822
3338 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	23.0	327.8	333.6	3019
3338 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	23.0	327.8	333.6	3019
3339 >E	Gilboa 345kV Voltage	Marcy South N.	22.6	327.8	340.2	3838
3344 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	23.6	327.8	341.2	2273
3349 >E	Bowline 1 345kV Voltage	Pre-Fault	69.4	NA	345	3349
3350 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	24.0	207	223.9	2276
3354 >E	Roseton 345kV Voltage	Volney-Marcy	19.5	327.8	327.6	3216

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3368 >E	Gardenville 230kV Voltage	Ravenswood 3	17.9	207	211.8	3293
3371 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	31.7	327.8	342.9	3347
3375 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	25.0	327.8	346.5	3349
3378 >E	Somerset 345kV Voltage	Volney-Marcy	23.7	327.8	334.8	3236
3381 >E	Bowline 2 345kV Voltage	Pre-Fault	69.3	NA	345	3381
3401 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	26.0	327.8	345.9	3358
3409 >E	Ramapo 500kV Voltage	Marcy South N.	77.9	500	504.1	3870
3409 >E	Leeds 345kV Voltage	Ph2 DC 1500	20.6	327.8	349.1	3361
3411 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	25.8	327.8	334.1	2308
3411 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	25.8	327.8	334.1	2308
3414 >E	Sprain Brook 345kV Voltage	Ravenswood 3	66.4	327.8	338.1	3323
3417 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	29.1	327.8	343.8	2355
3417 >E	Pleasant Valley 345kV Voltage	Marcy South S.	30.6	327.8	343.5	3672
3420 >E	Dunwoodie 345kV Voltage	Ravenswood 3	68.1	327.8	338.1	3326
3423 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	27.6	327.8	336.3	2857
3438 >E	Rock Tavern 345kV Voltage	SBK Edic R945	30.1	327.8	343.6	2358
3444 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	30.0	327.8	341.4	2325
3466 >E	Gardenville 230kV Voltage	SBK Edic R70	21.4	207	207.2	3500
3468 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	21.5	207	207.1	3403
3468 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	21.5	207	207.1	3401
3469 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	21.5	207	207.1	3450
3475 >E	Millwood 345kV Voltage	Ravenswood 3	53.5	327.8	338.7	3361
3481 >E	Ramapo 345kV Voltage	Ravenswood 3	36.6	327.8	340.0	3365
3482 >E	Ramapo 345kV Voltage	Ph2 DC 1500	30.3	327.8	346.7	3389
3482 >E	Millwood 345kV Voltage	Ph2 DC 1500	34.8	327.8	344.4	3389
3482 >E	Buchanan South 345kV Voltage	Ravenswood 3	46.1	327.8	339.3	3366
3483 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	32.6	327.8	345.5	3389
3522 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	42.3	327.8	342.5	3404
3523 >E	Ladentown 345kV Voltage	Ph2 DC 1500	30.3	327.8	347.9	3404
3529 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	42.9	327.8	342.4	3407
3536 >E	Ladentown 345kV Voltage	Ravenswood 3	38.0	327.8	340.7	3400
3541 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	41.1	327.8	325.1	3141
3570 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	30.2	327.8	349.2	3422
3580 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	26.8	327.8	327.8	3510
3580 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	26.8	327.8	327.8	3509
3580 >E	Leeds 345kV Voltage	SBK Edic R70	26.8	327.8	327.8	3615
3580 >E	Leeds 345kV Voltage	SBK Princetown 345	26.8	327.8	327.8	2913
3580 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	26.8	327.8	327.8	3559
3580 >E	Leeds 345kV Voltage	Ravenswood 3	26.8	327.8	327.8	3428

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3583 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	30.2	327.8	349.6	3427
3584 >E	Leeds 345kV Voltage	Marcy South N.	29.5	327.8	345.6	3947
3594 >E	Bowline 1 345kV Voltage	Ravenswood 3	37.8	327.8	341.5	3437
3611 >E	Bowline 2 345kV Voltage	Ravenswood 3	37.8	327.8	341.7	3448
3616 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	59.3	218.5	227.4	2455
3616 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	59.3	218.5	227.4	2455
3636 >E	Roseton 345kV Voltage	Ph2 DC 1500	32.6	327.8	348.4	3447
3644 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	44.0	327.8	335.2	3469
3647 >E	Niagara 345kV Voltage	Marcy South N.	32.8	327.8	348.2	3976
3649 >E	Buchanan North 345kV Voltage	SBK Princetown 345	46.2	327.8	333.6	2938
3651 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	40.8	327.8	344.4	2434
3654 >E	Niagara 230kV East Voltage	SBK Edic R945	62.2	218.5	227.1	2464
3654 >E	Niagara 230kV West Voltage	SBK Edic R945	62.2	218.5	227.1	2464
3660 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	30.0	327.8	345.9	2477
3662 >E	Rock Tavern 345kV Voltage	SBK Edic R70	40.0	327.8	331.3	3698
3678 >E	Niagara 230kV East Voltage	SBK Marcy R3108	63.6	218.5	228.1	3224
3678 >E	Niagara 230kV West Voltage	SBK Marcy R3108	63.6	218.5	228.1	3224
3679 >E	Niagara 230kV East Voltage	Marcy South N.	66.2	218.5	230.0	3990
3679 >E	Niagara 230kV West Voltage	Marcy South N.	66.2	218.5	230.0	3990
3689 >E	Gilboa 345kV Voltage	SBK Marcy R3108	35.5	327.8	330.5	3230
3700 >E	Niagara 345kV Voltage	SBK Edic R945	31.4	327.8	345.4	2486
3714 >E	Niagara 230kV East Voltage	Ph2 DC 1500	68.0	218.5	228.8	3477
3714 >E	Niagara 230kV West Voltage	Ph2 DC 1500	68.0	218.5	228.8	3477
3760 >E	Niagara 345kV Voltage	SBK Marcy R3108	32.4	327.8	348.0	3273
3760 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	53.3	327.8	339.4	2527
3762 >E	Ramapo 345kV Voltage	SBK Princetown 345	41.9	327.8	335.9	2978
3764 >E	Roseton 345kV Voltage	Ravenswood 3	43.4	327.8	337.6	3545
3787 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	46.3	327.8	328.7	3707
3788 >E	Buchanan North 345kV Voltage	SBK Edic R945	54.9	327.8	339.2	2529
3806 >E	Niagara 345kV Voltage	Ph2 DC 1500	36.0	327.8	348.5	3511
3816 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	45.7	327.8	342.9	2555
3818 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	47.4	327.8	328.1	3737
3827 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	47.7	327.8	327.9	3803
3846 >E	Ramapo 345kV Voltage	SBK Edic R945	47.1	327.8	342.6	2557
3856 >E	Watercure 230kV Voltage	Volney-Marcy	40.3	207	217.6	3635
3857 >E	Ladentown 345kV Voltage	SBK Princetown 345	43.5	327.8	336.1	3012
3858 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	45.9	327.8	331.5	3012
3865 >E	Niagara 345kV Voltage	Marcy South S.	34.6	327.8	333.1	3888
3882 >E	Niagara 230kV East Voltage	Marcy South S.	75.9	218.5	221.3	3896
3882 >E	Niagara 230kV West Voltage	Marcy South S.	75.9	218.5	221.3	3896

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3896 >E	Buchanan South 345kV Voltage	SBK Princetown 345	52.9	327.8	334.2	3026
3924 >E	Bowline 1 345kV Voltage	SBK Princetown 345	43.4	327.8	336.7	3036
3924 >E	Buchanan North 345kV Voltage	SBK Edic R70	63.7	327.8	329.7	3961
3943 >E	Bowline 2 345kV Voltage	SBK Princetown 345	43.3	327.8	336.9	3043
3963 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	49.0	327.8	343.5	2629
3964 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	53.7	327.8	329.7	3876
3964 >E	Roseton 345kV Voltage	SBK Princetown 345	46.0	327.8	334.6	3050
3967 >E	Millwood 345kV Voltage	SBK Princetown 345	61.6	327.8	333.4	3051
3991 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	68.0	327.8	328.8	3901
3991 >E	Gardenville 230kV Voltage	Marcy South N.	50.7	207	227.2	4129
3998 >E	Ladentown 345kV Voltage	SBK Edic R945	50.5	327.8	343.2	2632
3998 >E	Pleasant Valley 345kV Voltage	Marcy South N.	54.9	327.8	340.1	4132
4009 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	67.6	327.8	339.1	2623
4012 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	55.2	327.8	328.9	4048
4035 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	48.7	327.8	344.5	2665
4037 >E	Coopers Corners 345kV Voltage	Marcy South N.	40.1	327.8	302.5	4149
4045 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	70.5	327.8	328.1	3954
4056 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	71.2	327.8	327.9	4028
4058 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	48.7	327.8	344.8	2677
4064 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	78.6	327.8	332.8	3086
4072 >E	Bowline 1 345kV Voltage	SBK Edic R945	50.2	327.8	344.3	2668
4072 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	57.7	327.8	327.9	3980
4074 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	58.0	327.8	327.8	4046
4085 >E	Millwood 345kV Voltage	Marcy South S.	65.4	327.8	338.8	3994
4088 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	80.7	327.8	332.8	3095
4091 >E	Roseton 345kV Voltage	Marcy South S.	49.7	327.8	341.8	3997
4095 >E	Bowline 2 345kV Voltage	SBK Edic R945	50.2	327.8	344.5	2679
4104 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	50.4	207	226.1	2700
4119 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	59.8	327.8	342.8	2681
4129 >E	Ramapo 345kV Voltage	SBK Edic R70	59.8	327.8	330.5	4166
4176 >E	Gardenville 230kV Voltage	SBK Edic R945	53.3	207	225.7	2719
4179 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	66.0	327.8	341.3	2737
4184 >E	Dunwoodie 345kV Voltage	Marcy South S.	81.9	327.8	337.9	4042
4185 >E	Sprain Brook 345kV Voltage	Marcy South S.	81.1	327.8	337.8	4042
4218 >E	Buchanan South 345kV Voltage	SBK Edic R945	67.9	327.8	341.1	2740
4237 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	65.1	327.8	329.0	4137
4240 >E	Buchanan South 345kV Voltage	SBK Edic R70	72.3	327.8	330.0	4277
4241 >E	Ladentown 345kV Voltage	SBK Edic R70	61.3	327.8	330.5	4279
4255 >E	Roseton 345kV Voltage	SBK Edic R70	59.3	327.8	330.2	4292

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4263 >E	Gardenville 230kV Voltage	Volney-Marcy	52.6	207	214.6	3976
4282 >E	Rainey 345kV Voltage	Volney-Marcy	53.3	327.8	327.6	3992
4283 >E	Buchanan North 345kV Voltage	Marcy South S.	70.0	327.8	333.5	4090
4288 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	63.0	327.8	343.2	2770
4290 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	109.3	218.5	226.4	2771
4290 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	109.3	218.5	226.4	2771
4293 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	67.3	327.8	328.1	4191
4302 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	76.0	327.8	329.3	4199
4302 >E	Millwood 345kV Voltage	SBK Edic R70	83.0	327.8	329.8	4340
4308 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	67.9	327.8	327.9	4277
4314 >E	Buchanan South 345kV Voltage	Marcy South S.	68.4	327.8	337.4	4105
4318 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	62.1	327.8	329.2	4214
4328 >E	Farragut 345kV Voltage	Volney-Marcy	56.2	327.8	327.6	4031
4337 >E	Bowline 1 345kV Voltage	SBK Edic R70	61.2	327.8	330.8	4375
4341 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	66.0	327.8	329.1	4236
4347 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	86.1	327.8	329.4	4243
4362 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	61.7	327.8	342.1	2829
4365 >E	Bowline 2 345kV Voltage	SBK Edic R70	61.1	327.8	330.8	4403
4366 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	55.1	327.8	343.8	2812
4380 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	53.7	327.8	327.8	2838
4381 >E	Leeds 345kV Voltage	SBK Edic R945	53.7	327.8	327.8	2819
4382 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	62.7	327.8	344.3	2820
4386 >E	Station 80 345kV Voltage	SBK Edic R70	155.3	327.8	329.0	4425
4393 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	79.9	327.8	328.1	4287
4397 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	65.0	327.8	328.0	4290
4405 >E	Roseton 345kV Voltage	SBK Edic R945	63.3	327.8	341.8	2831
4405 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	65.5	327.8	327.9	4373
4408 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	68.4	327.8	328.1	4300
4410 >E	Buchanan South 345kV Voltage	Princeton-N.Scot 345	80.8	327.8	327.9	4377
4411 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	62.7	327.8	344.6	2835
4422 >E	Gardenville 230kV Voltage	SBK Marcy R3108	61.0	207	227.0	3671
4422 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	69.0	327.8	327.9	4390
4431 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	83.6	327.8	340.7	2864
4436 >E	Sprain Brook 345kV Voltage	SBK Edic R70	106.4	327.8	329.7	4474
4445 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	65.9	327.8	329.2	4336
4452 >E	Gardenville 230kV Voltage	Ph2 DC 1500	62.4	207	228.3	3756
4462 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr	91.6	327.8	328.1	4352

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
4465 >E	Dunwoodie 345kV Voltage	SBK Edic R70	109.2	327.8	329.7	4503
4474 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	65.8	327.8	329.2	4364
4478 >E	Millwood 345kV Voltage	SBK Edic R945	86.1	327.8	340.5	2867
4481 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	92.8	327.8	327.9	4447
4487 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	81.0	327.8	340.6	2876
4498 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	111.1	327.8	329.2	4387
4517 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	68.3	327.8	328.2	4405
4530 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	114.2	327.8	329.2	4418
4533 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	69.0	327.8	327.9	4499
4546 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	68.2	327.8	328.2	4433
4563 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	68.9	327.8	327.9	4529
4624 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	185.1	327.8	327.7	4588
4627 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	118.4	327.8	328.2	4509
4654 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	120.5	327.8	327.9	4618
4662 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	110.3	327.8	339.6	2980
4662 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	121.7	327.8	328.2	4543
4681 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	79.0	327.8	337.2	2990
4693 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	124.1	327.8	327.9	4657
4697 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	193.8	327.8	327.3	4577
4714 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	195.4	327.8	327.3	4594
4718 >E	Sprain Brook 345kV Voltage	SBK Edic R945	113.6	327.8	339.5	2984
4723 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	80.8	327.8	336.9	2987
4725 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	114.6	327.8	339.7	3011
4728 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	98.9	327.8	339.5	3002
4785 >E	Dunwoodie 345kV Voltage	SBK Edic R945	118.2	327.8	339.6	3017
4812 >E	Goethals 345kV Voltage	Volney-Marcy	75.7	327.8	327.6	4435
4813 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	79.8	327.8	341.7	3047
4826 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	84.9	327.8	334.6	3054
4834 >E	Ramapo 345kV Voltage	Marcy South S.	76.4	327.8	332.8	4355
4852 >E	Roseton 345kV Voltage	Marcy South N.	77.2	327.8	335.8	4512
4866 >E	Leeds 345kV Voltage	SBK Marcy R3108	71.7	327.8	327.8	3939
4963 >E	Ladentown 345kV Voltage	Marcy South S.	79.8	327.8	333.2	4418
4964 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	128.2	327.8	338.5	3127
5015 >E	Millwood 345kV Voltage	Marcy South N.	108.0	327.8	334.8	4584
5027 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	132.6	327.8	338.6	3161

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5087 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	78.7	327.8	327.8	3192
5131 >E	Rock Tavern 345kV Voltage	Marcy South N.	82.3	327.8	321.9	4636
5149 >E	Buchanan North 345kV Voltage	Marcy South N.	114.1	327.8	331.7	4644
5196 >E	Dunwoodie 345kV Voltage	Marcy South N.	133.6	327.8	333.4	4665
5204 >E	Sprain Brook 345kV Voltage	Marcy South N.	133.2	327.8	333.4	4668
5218 >E	Rock Tavern 345kV Voltage	Marcy South S.	79.7	327.8	321.8	4541
5298 >E	Buchanan South 345kV Voltage	Marcy South N.	111.2	327.8	334.3	4710
5318 >E	Bowline 1 345kV Voltage	Marcy South S.	88.0	327.8	331.7	4589
5341 >E	Bowline 2 345kV Voltage	Marcy South S.	87.5	327.8	331.9	4600
5362 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	99.1	207	225.2	3337
5375 >E	Gardenville 230kV Voltage	Marcy South S.	96.3	207	216.2	4616
5678 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	123.6	327.8	327.0	4428
5734 >E	Ramapo 345kV Voltage	Marcy South N.	115.1	327.8	330.8	4904
5817 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	161.2	327.8	329.1	4511
5946 >E	Rainey 345kV Voltage	Ravenswood 3	156.9	327.8	345.9	4931
6067 >E	Rainey 345kV Voltage	Ph2 DC 1500	122.6	327.8	351.7	4367
6068 >E	Ladentown 345kV Voltage	Marcy South N.	123.7	327.8	332.5	5053
6077 >E	Farragut 345kV Voltage	Ph2 DC 1500	125.5	327.8	351.3	4371
6086 >E	Farragut 345kV Voltage	Ravenswood 3	162.8	327.8	345.3	5020
6266 >E	Ramapo 345kV Voltage	SBK Marcy R3108	148.9	327.8	329.8	4781
6405 >E	Coopers Corners 345kV Voltage	Marcy South S.	90.6	327.8	215.3	5113
6607 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	166.4	327.8	328.6	4986
6611 >E	Bowline 1 345kV Voltage	Marcy South N.	136.2	327.8	332.9	5294
6650 >E	Bowline 2 345kV Voltage	Marcy South N.	135.6	327.8	333.0	5312
6659 >E	Ladentown 345kV Voltage	SBK Marcy R3108	157.0	327.8	329.8	5017
6906 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	156.8	327.8	330.1	5166
6966 >E	Goethals 345kV Voltage	Ph2 DC 1500	161.6	327.8	351.7	4707
6974 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	156.6	327.8	330.1	5207
7279 >E	Goethals 345kV Voltage	Ravenswood 3	208.3	327.8	345.6	5778
7614 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	228.2	327.8	328.9	5593
7633 >E	Roseton 345kV Voltage	SBK Marcy R3108	189.6	327.8	327.4	5604
9023 >E	Farragut 345kV Voltage	Pre-Fault	402.5	NA	338	9023
9040 >E	Rainey 345kV Voltage	Pre-Fault	390.8	NA	338	9040
9338 >E	Rainey 345kV Voltage	SBK Princetown 345	247.6	327.8	337.2	4974
9350 >E	Millwood 345kV Voltage	SBK Marcy R3108	338.1	327.8	328.1	6637
9356 >E	Rainey 345kV Voltage	Marcy South S.	245.6	327.8	345.0	6537
9402 >E	Farragut 345kV Voltage	SBK Princetown 345	254.9	327.8	337.1	4997
9406 >E	Farragut 345kV Voltage	Marcy South S.	252.4	327.8	344.7	6561
11641 >E	Goethals 345kV Voltage	Marcy South S.	342.4	327.8	345.6	7639
11672 >E	Rainey 345kV Voltage	SBK Edic R70	339.0	327.8	331.3	11739

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\ALI\Sum2023_CEVC_PH2_20_ALI.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
11745	Goethals 345kV Voltage	Pre-Fault	587.5	NA	338	11745
>E						
11758	Farragut 345kV Voltage	SBK Edic R70	349.0	327.8	331.2	11826
>E						
11772	Rainey 345kV Voltage	Edic-Gordon Rd. 345	337.0	327.8	347.8	6548
>E						
11790	Farragut 345kV Voltage	Edic-Gordon Rd. 345	344.5	327.8	347.5	6557
>E						
11973	Goethals 345kV Voltage	SBK Princetown 345	358.3	327.8	337.6	5918
>E						
12059	Rainey 345kV Voltage	SBK Edic R945	347.8	327.8	347.6	6576
>E						
12084	Farragut 345kV Voltage	SBK Edic R945	355.8	327.8	347.3	6589
>E						
12235	Rainey 345kV Voltage	N.Scot-Leeds 345	361.0	327.8	329.8	11790
>E						
12271	Farragut 345kV Voltage	N.Scot-Leeds 345	369.5	327.8	329.9	11824
>E						
12418	Sprain Brook 345kV Voltage	SBK Marcy R3108	576.1	327.8	327.1	8484
>E						
12591	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	373.8	327.8	328.9	12111
>E						
12716	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	386.0	327.8	328.8	12230
>E						
12904	Rainey 345kV Voltage	Princetown-N.Scot 345	386.0	327.8	328.1	12753
>E						
13001	Farragut 345kV Voltage	Princetown-N.Scot 345	397.4	327.8	328.1	12849
>E						
13038	Rainey 345kV Voltage	Marcy-N.Scot99 345	384.5	327.8	346.3	7387
>E						
13062	Farragut 345kV Voltage	Marcy-N.Scot99 345	393.2	327.8	345.9	7400
>E						
13493	Dunwoodie 345kV Voltage	SBK Marcy R3108	645.0	327.8	326.7	9131
>E						
13927	Northport 138kV Voltage	Ph2 DC 1500	873.7	131.1	144.5	7342
>E						
13971	Rainey 345kV Voltage	Marcy South N.	414.6	327.8	336.4	8569
>E						
14109	Farragut 345kV Voltage	Marcy South N.	428.3	327.8	336.3	8630
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\ALI\Sum2023_CEVC_PH2_20_ALI.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
14965 >E	Niagara 345kV Voltage	Volney-Marcy	421.0	327.8	425.4	12931
15010 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	473.8	327.8	349.2	8173
15451 >E	Goethals 345kV Voltage	SBK Edic R945	491.0	327.8	349.1	8236
15593 >E	Goethals 345kV Voltage	SBK Edic R70	503.1	327.8	331.4	15677
16301 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	531.4	327.8	330.2	15680
16517 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	532.2	327.8	347.5	9223
16957 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	556.4	327.8	329.1	16278
17467 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	576.7	327.8	328.3	17254
18084 >E	Goethals 345kV Voltage	Marcy South N.	588.0	327.8	336.5	10399
52637 >E	Farragut 345kV Voltage	SBK Marcy R3108	1914.1	327.8	329.4	32691
53109 >E	Northport 138kV Voltage	SBK Princetown 345	3940.9	131.1	138.0	20646
54010 >E	Northport 138kV Voltage	Ravenswood 3	4112.2	131.1	137.9	35469
54469 >E	Rainey 345kV Voltage	SBK Marcy R3108	1945.5	327.8	329.0	33793
59909 >E	Northport 138kV Voltage	Marcy South N.	4499.4	131.1	134.6	29006
62835 >E	Northport 138kV Voltage	Marcy South S.	4724.8	131.1	143.3	32335
73682 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	5564.7	131.1	150.0	37620
75547 >E	Northport 138kV Voltage	SBK Edic R945	5711.1	131.1	150.2	37644
78816 >E	Northport 138kV Voltage	Pre-Fault	8598.3	NA	135	78816
80416 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	6094.2	131.1	148.3	42938
83137 >E	Northport 138kV Voltage	SBK Edic R70	6305.4	131.1	134.5	83493
95278	Goethals 345kV Voltage	SBK Marcy R3108	3596.2	327.8	332.4	58354

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\ALI\Sum2023_CEVC_PH2_20_ALI.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
95464	Northport 138kV Voltage	N.Scot-Leeds 345	7275.5	131.1	133.1	91430
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
>E						
99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

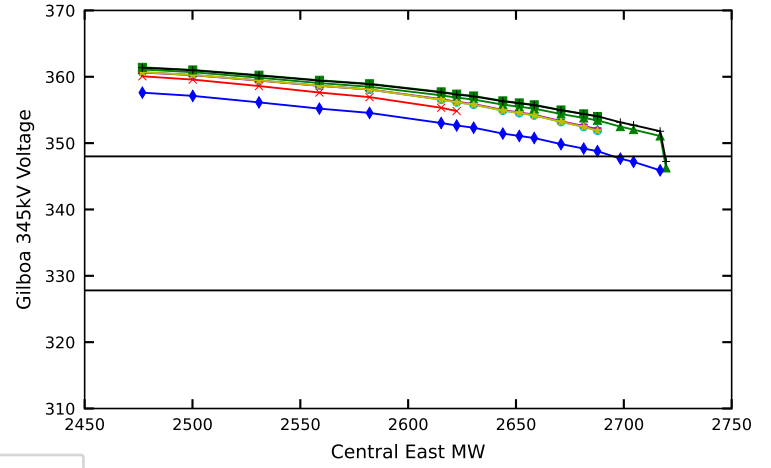
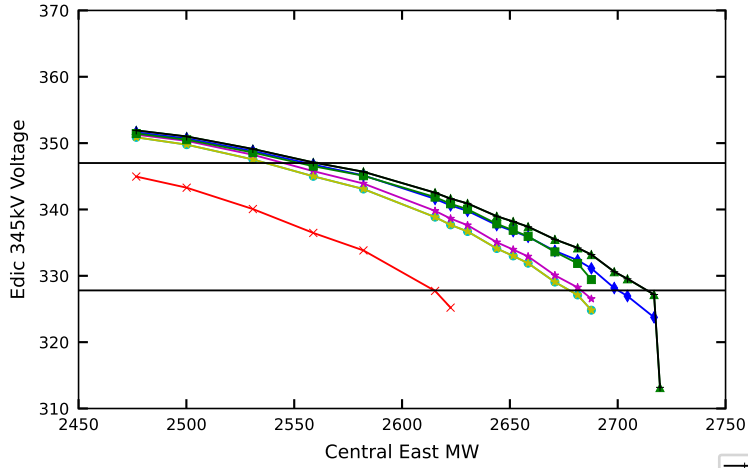
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\ALI\Sum2023_CEVC_PH2_20_ALI.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 20 ALI

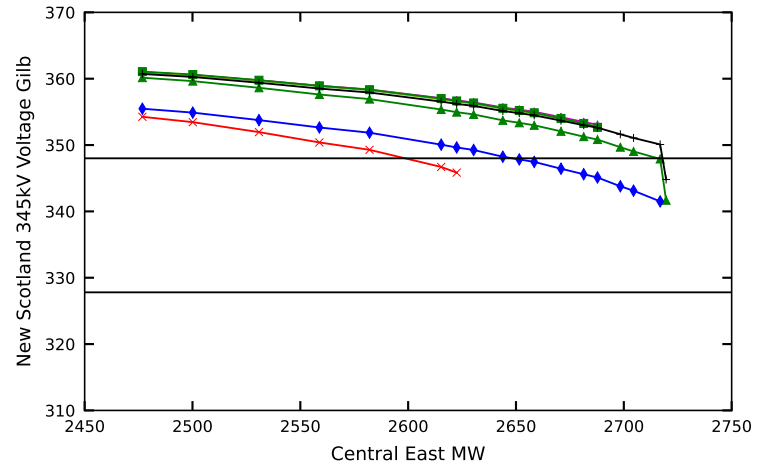
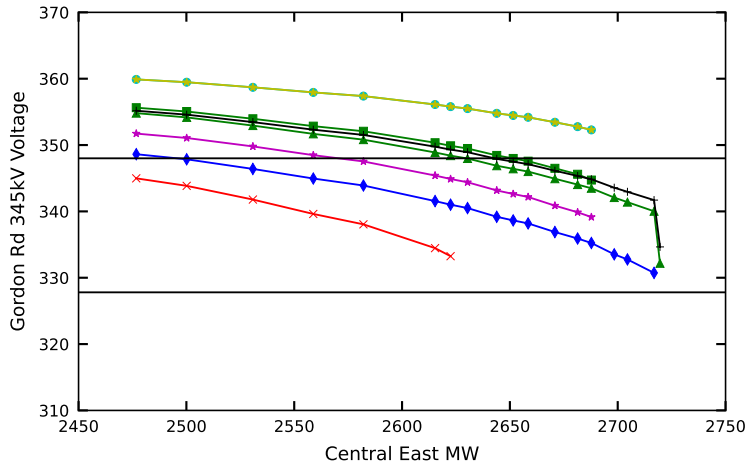
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
99999 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99999
99999 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

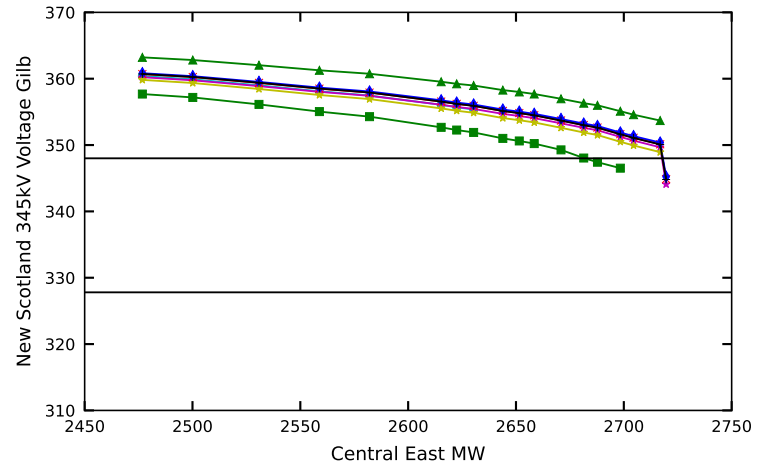
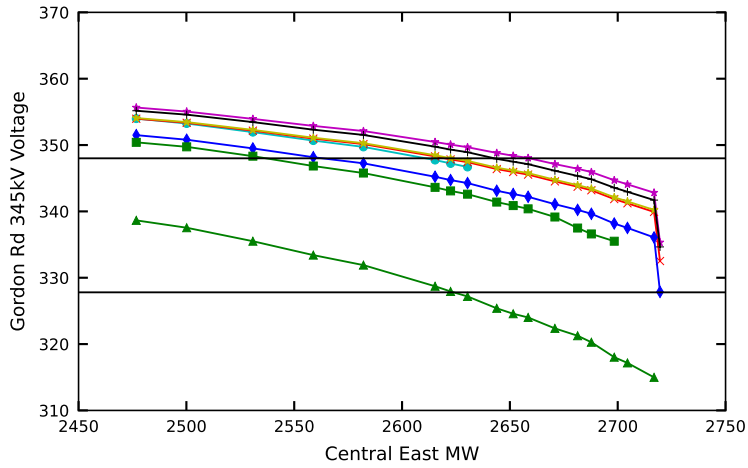
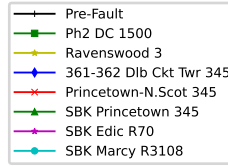
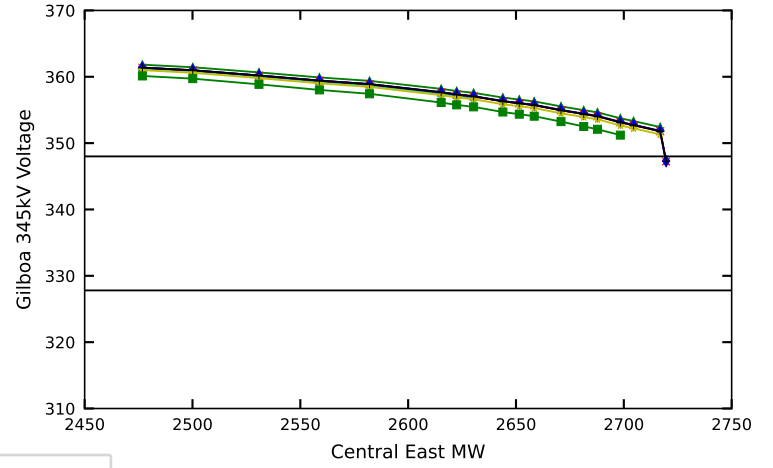
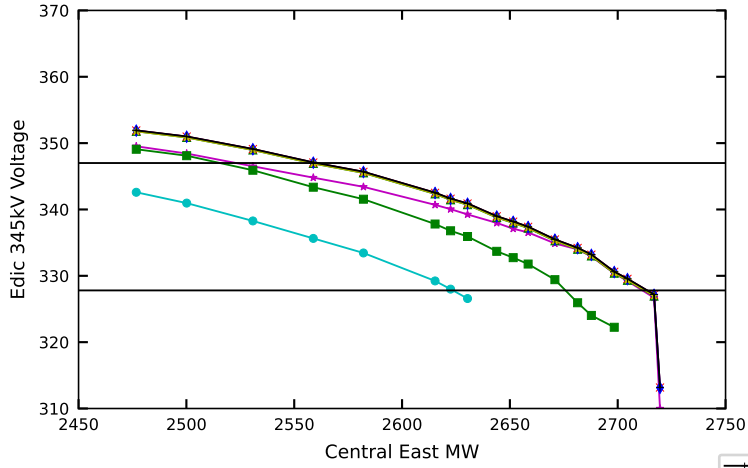
1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS Figure 1



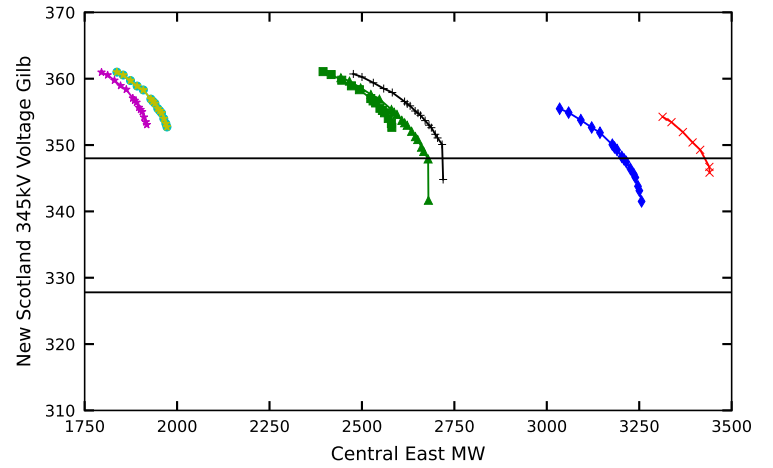
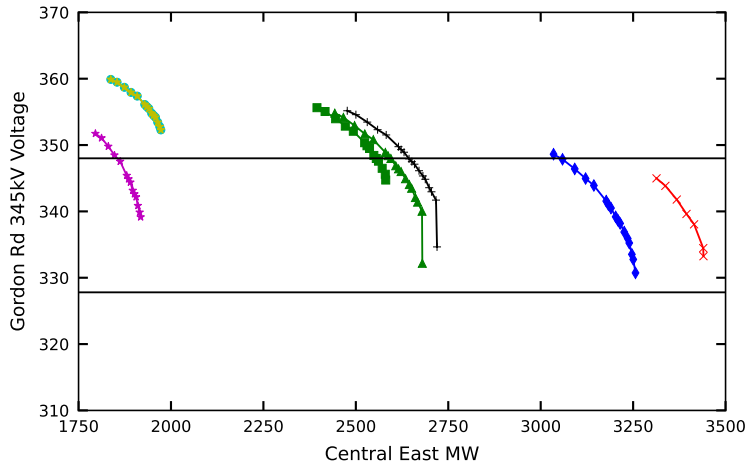
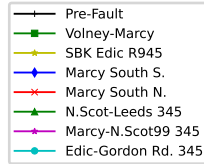
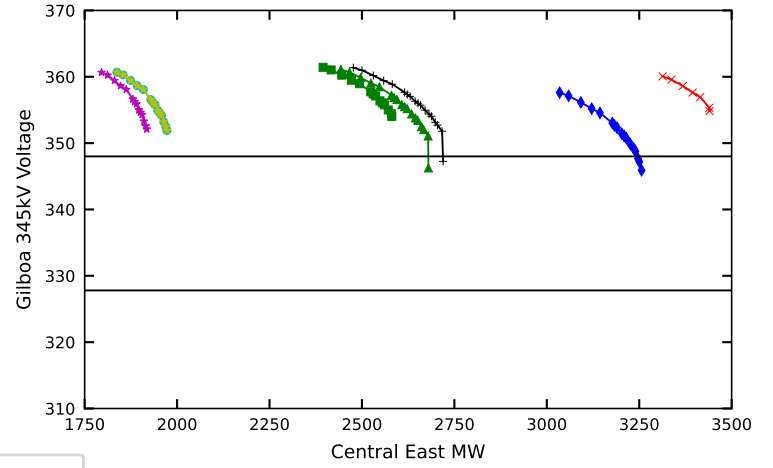
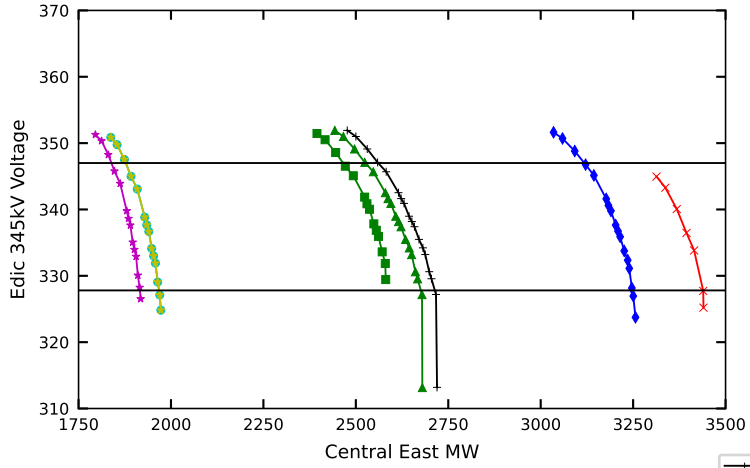
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



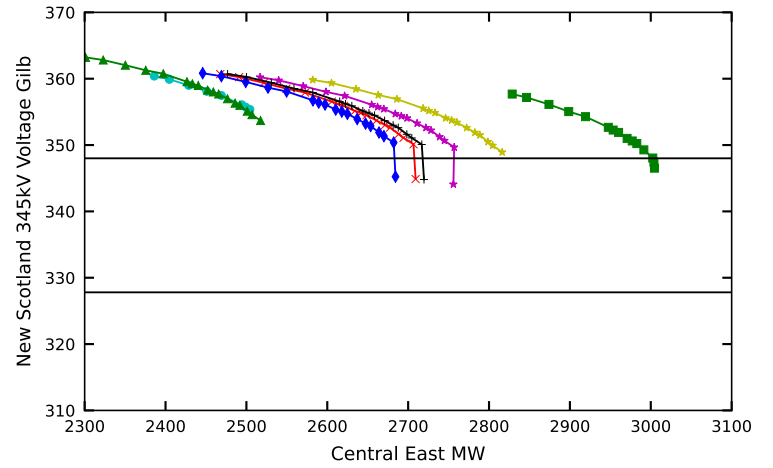
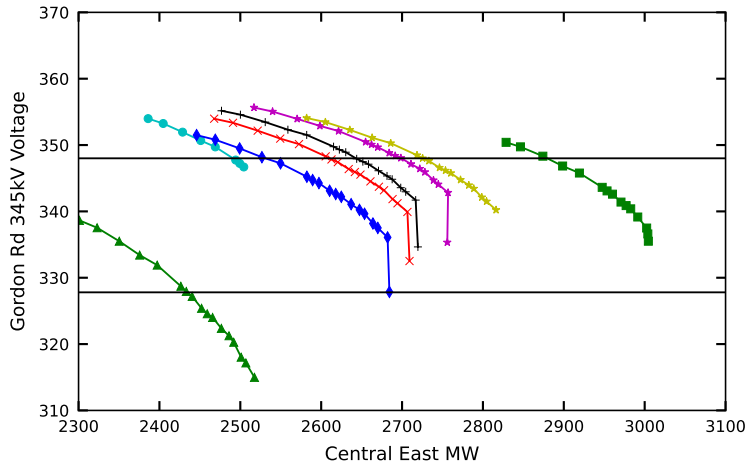
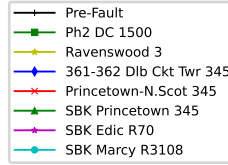
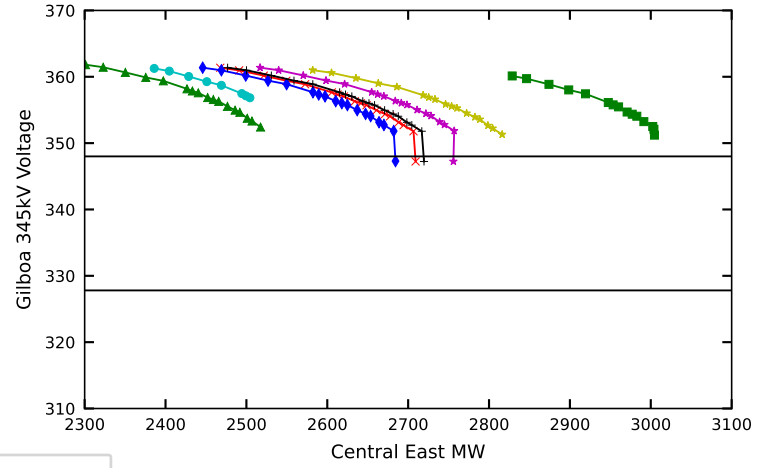
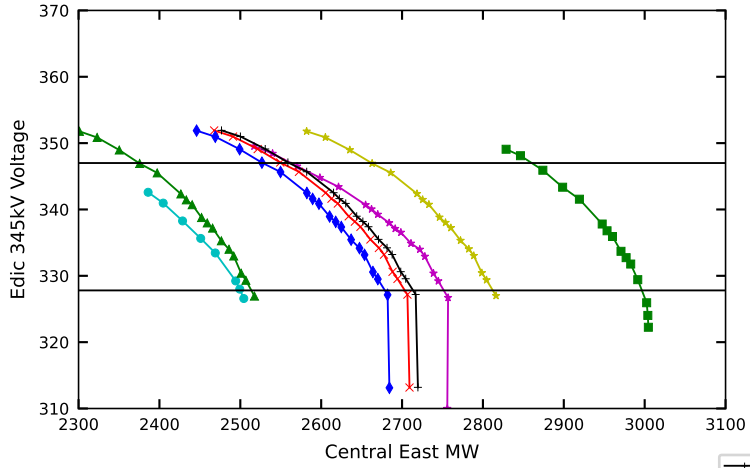
1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS Figure 2



1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS Figure 1



1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 0S Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\FE1_OS\Sum2023_CEVC_PH2_2O_FE1_OS.xlsx

1: 2023S CEVC PH2 CE2530 MS2270 DE1300 2O FE1 OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2476	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2500	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2530	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2558	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2582	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2615	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2622	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2630	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2643	t9	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0
2651	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	0															
2658	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	1															
2670	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	2															
2681	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	3															
2687	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
	4															
2698	t1	0	2	2	0	2	0	2	2	2	0	0	0	0	0	0
	5															
2704	t1	0	2	2	0	2	0	2	2	2	0	0	0	0	0	2
	6															
2716	t1	0	2	2	0	2	0	2	2	2	0	0	0	0	0	2
	7															
2719	t1	0	2	2	0	2	2	2	2	2	0	2	0	0	2	2
	8															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-

E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\2O\FE1_OS\Sum2023_CEVC_PH2_2O_FE1_OS.xlsx

1: 2023S CEVC PH2 CE2530 MS2270 DE1300 2O FE1 OS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17	t18
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2400 <E	Dunwoodie 345kV Voltage	Pre-Fault	102.4	NA	348	2400
2411 <E	Sprain Brook 345kV Voltage	Pre-Fault	102.6	NA	348	2411
2491	limit with 5% margin	Marcy South N.	NA	NA	NA	3268
2498	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2379
2547	Marcy 345kV Voltage	Pre-Fault	13.7	NA	348	2547
2553	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1873
2553	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1822
2553	limit with 5% margin	SBK Edic R945	NA	NA	NA	1873
2553	limit with 5% margin	Volney-Marcy	NA	NA	NA	2451
2560	Edic 345kV Voltage	Pre-Fault	16.5	NA	347	2560
2563	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2854
2581	limit with 5% margin	Marcy South S.	NA	NA	NA	3093
2581	limit with 5% margin	SBK Edic R70	NA	NA	NA	2619
2581	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2391
2581	limit with 5% margin	Ravenswood 3	NA	NA	NA	2675
2583	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2545
2583	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2573
2583	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2550
2587	Pannell Road 345kV Voltage	Pre-Fault	15.8	NA	346	2587
2589	Station 80 345kV Voltage	Pre-Fault	16.4	NA	346	2589
2592	Clay 345kV Voltage	Pre-Fault	12.4	NA	345	2592
2614	Edic 345kV Voltage	Marcy South N.	5.4	327.8	342.6	3439
2616	Marcy 345kV Voltage	Marcy South N.	2.9	327.8	342.5	3439
2619	Clay 345kV Voltage	Marcy South N.	3.0	327.8	342.7	3440
2623	Edic 345kV Voltage	SBK Marcy R3108	5.5	327.8	341.5	2500
2623	Gordon Rd 345kV Voltage	SBK Princetown 345	10.5	327.8	349.2	2434
2624	Clay 345kV Voltage	SBK Marcy R3108	4.8	327.8	342.1	2500
2642	Gordon Rd 345kV Voltage	Pre-Fault	13.5	NA	348	2642
2648 >E	Oakdale 345kV Voltage	Marcy South N.	3.9	320	343.1	3442
2652 >E	Pannell Road 345kV Voltage	Marcy South N.	5.1	327.8	341.9	3442
2654 >E	Gordon Rd 345kV Voltage	Marcy South N.	5.9	327.8	347.3	3443
2669	Millwood 345kV Voltage	Pre-Fault	55.6	NA	348	2669
2671 >E	Station 80 345kV Voltage	Marcy South N.	6.2	327.8	341.5	3444
2675	Clay 345kV Voltage	Volney-Marcy	7.1	327.8	336.7	2574
2675	Edic 345kV Voltage	Ph2 DC 1500	3.0	327.8	334.9	2996
2676	Marcy 345kV Voltage	Ph2 DC 1500	3.0	327.8	334.9	2997
2676	Marcy 345kV Voltage	SBK Edic R945	5.4	327.8	334.8	1967
2676	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	334.8	1967
2677	Edic 345kV Voltage	SBK Edic R945	5.4	327.8	334.7	1967
2677	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	334.7	1967

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2682 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	7.4	327.8	339.5	2537
2683	Edic 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	334.0	1915
2686	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	333.5	1917
2688 >E	Clay 345kV Voltage	SBK Edic R945	2.9	327.8	335.2	1972
2688 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	335.2	1972
2688	Clay 345kV Voltage	Ph2 DC 1500	4.1	327.8	335.0	3003
2692 >E	Edic 345kV Voltage	Volney-Marcy	2.6	327.8	332.5	2581
2694 >E	Marcy 345kV Voltage	Volney-Marcy	2.7	327.8	332.2	2582
2694 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	334.2	1920
2699	Oakdale 345kV Voltage	Pre-Fault	5.9	NA	335	2699
2700	Edic 345kV Voltage	Marcy South S.	5.1	327.8	330.3	3247
2702	Marcy 345kV Voltage	Marcy South S.	5.1	327.8	330.0	3248
2705 >E	Pannell Road 345kV Voltage	Volney-Marcy	3.2	327.8	338.2	2584
2708 >E	St.Lawrence 230kV Voltage	Marcy South N.	8.4	218.5	225.4	3447
2711	Edic 345kV Voltage	SBK Edic R70	4.9	327.8	328.2	2751
2712	Edic 345kV Voltage	SBK Princetown 345	5.2	327.8	328.0	2513
2712	Edic 345kV Voltage	Ravenswood 3	5.2	327.8	328.0	2812
2713	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	5.2	327.8	327.9	2678
2713	Edic 345kV Voltage	N.Scot-Leeds 345	5.2	327.8	327.8	2675
2713	Edic 345kV Voltage	Princetown-N.Scot 345	5.2	327.8	327.8	2703
2713	Marcy 345kV Voltage	N.Scot-Leeds 345	5.2	327.8	327.8	2676
2713	Marcy 345kV Voltage	Ravenswood 3	5.2	327.8	327.8	2813
2713	Marcy 345kV Voltage	SBK Edic R70	5.2	327.8	327.8	2753
2713	Marcy 345kV Voltage	SBK Princetown 345	5.2	327.8	327.8	2514
2713	Marcy 345kV Voltage	Princetown-N.Scot 345	5.2	327.8	327.8	2703
2713	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	5.2	327.8	327.8	2679
2713	Clay 345kV Voltage	Marcy South S.	4.3	327.8	330.1	3254
2715 >E	Oakdale 345kV Voltage	SBK Edic R945	3.2	320	332.7	1985
2715 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.2	320	332.7	1985
2715	Clay 345kV Voltage	SBK Edic R70	5.4	327.8	329.7	2755
2716 >E	Oakdale 345kV Voltage	Volney-Marcy	2.9	320	332.6	2586
2717	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	0.2	327.8	327.9	2682
2717	Clay 345kV Voltage	N.Scot-Leeds 345	0.2	327.8	327.9	2679
2717	Clay 345kV Voltage	Princetown-N.Scot 345	0.2	327.8	327.8	2706
2717	Buchanan North 345kV Voltage	Pre-Fault	1.8	NA	346	2717
2717	Fraseran 345kV Voltage	Pre-Fault	0.3	NA	338	2717
2717	New Scotland 345kV Voltage Alps	Pre-Fault	0.5	NA	348	2717
2717	New Scotland 345kV Voltage Gilb	Pre-Fault	0.5	NA	348	2717

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2718	St.Lawrence 230kV Voltage	Pre-Fault	0.6	NA	225	2718
2718 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.4	320	333.9	2560
2719	Gilboa 345kV Voltage	Pre-Fault	0.6	NA	348	2719
2719	Coopers Corners 345kV Voltage	Pre-Fault	0.4	NA	338	2719
2719	Rock Tavern 345kV Voltage	Pre-Fault	1.1	NA	348	2719
2719	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	0.3	327.8	327.9	2684
2719	Pannell Road 345kV Voltage	N.Scot-Leeds 345	0.3	327.8	327.9	2679
2719	Pannell Road 345kV Voltage	Princetown-N.Scot 345	0.3	327.8	327.8	2709
2719 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	0.2	320	320.3	2684
2719 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	0.3	327.8	334.6	2684
2719 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	0.2	320	320.2	2679
2719 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	0.2	320	320.1	2709
2719 >E	Station 80 345kV Voltage	Volney-Marcy	3.9	327.8	338.8	2586
2720 >E	Station 80 345kV Voltage	SBK Marcy R3108	9.8	327.8	339.2	2561
2720 >E	Pleasant Valley 345kV Voltage	Pre-Fault	1.4	NA	348	2720
2720 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	0.3	327.8	327.8	2680
2720 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	0.3	327.8	327.8	2710
2720 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	0.3	327.8	327.8	2685
2721 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	0.4	327.8	327.9	2685
2721 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	327.9	2680
2721 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	0.4	327.8	327.8	2710
2721 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	330.7	2680
2721 >E	Buchanan South 345kV Voltage	Pre-Fault	1.7	NA	346	2721
2721 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	0.4	327.8	330.2	2710
2722 >E	Niagara 230kV East Voltage	Pre-Fault	0.8	NA	225	2722
2722 >E	Niagara 230kV West Voltage	Pre-Fault	0.8	NA	225	2722
2722 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	0.6	218.5	218.5	2711
2722 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	0.6	218.5	218.5	2686
2722 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	0.6	218.5	218.5	2680
2722 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	4.6	327.8	332.6	3005
2723 >E	Clay 345kV Voltage	Ravenswood 3	5.7	327.8	328.5	2822
2723 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	328.4	2680
2723 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	0.4	327.8	328.1	2687
2723 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	0.4	327.8	327.9	2712

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2724 >E	Clay 345kV Voltage	SBK Princetown 345	5.8	327.8	328.4	2523
2724 >E	Ramapo 345kV Voltage	Pre-Fault	1.7	NA	346	2724
2724 >E	Pannell Road 345kV Voltage	SBK Edic R945	5.0	327.8	336.4	1989
2724 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	5.0	327.8	336.4	1989
2725 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	0.4	327.8	333.0	2681
2725 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	0.4	327.8	333.0	2681
2726 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.0	320	330.9	1934
2726 >E	Ladentown 345kV Voltage	Pre-Fault	1.7	NA	346	2726
2727 >E	Somerset 345kV Voltage	Pre-Fault	0.9	NA	338	2727
2727 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	0.8	218.5	218.5	2690
2727 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	0.8	218.5	218.5	2690
2727 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	0.8	218.5	218.5	2682
2727 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	0.8	218.5	218.5	2682
2727 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	0.8	218.5	218.5	2716
2727 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	0.8	218.5	218.5	2716
2728 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	0.5	327.8	327.6	2717
2728 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	0.5	327.8	327.6	2717
2728 >E	Leeds 345kV Voltage	Pre-Fault	1.1	NA	345	2728
2728 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	0.5	327.8	326.9	2691
2728 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	0.5	327.8	326.9	2691
2729 >E	Roseton 345kV Voltage	Pre-Fault	1.6	NA	345	2729
2730 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	0.6	327.8	329.7	2682
2731 >E	Bowline 1 345kV Voltage	Pre-Fault	1.7	NA	345	2731
2731 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	0.6	327.8	327.8	2720
2731 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	0.6	327.8	327.6	2693
2732 >E	Station 80 345kV Voltage	Ph2 DC 1500	4.7	327.8	332.4	3006
2732 >E	Bowline 2 345kV Voltage	Pre-Fault	1.7	NA	345	2732
2734 >E	Gordon Rd 345kV Voltage	Marcy South S.	6.1	327.8	339.9	3265
2736 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	0.9	327.8	328.0	2698
2736 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	0.9	327.8	328.0	2684
2736 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	0.9	327.8	327.9	2725
2738 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	2.8	500	500.6	2685
2738 >E	Gardenville 230kV Voltage	Pre-Fault	1.3	NA	217	2738
2739 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	2.9	500	500.1	2700

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2739 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	2.9	500	500.0	2728
2739 >E	Ramapo 500kV Voltage	Pre-Fault	2.9	NA	500	2739
2740 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	1.0	327.8	328.7	2685
2740 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.4	320	326.1	3007
2740 >E	Watercure 230kV Voltage	Pre-Fault	1.3	NA	215	2740
2741 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	1.1	327.8	327.9	2701
2741 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	1.1	327.8	327.8	2729
2744 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.8	327.8	334.6	1942
2746 >E	Station 80 345kV Voltage	SBK Edic R945	6.0	327.8	336.7	1999
2746 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	336.7	1999
2746 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	1.8	327.8	328.7	2687
2746 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	1.8	327.8	328.7	2687
2746 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	1.1	327.8	327.8	2706
2746 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	1.1	327.8	327.8	2734
2746 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	1.1	327.8	327.8	2687
2747 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	1.3	327.8	329.6	2687
2747 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	1.7	327.8	328.8	2688
2747 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	328.9	2688
2748 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	1.9	327.8	327.8	2736
2748 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	1.9	327.8	327.7	2707
2748 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	1.9	327.8	327.8	2736
2748 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	1.9	327.8	327.8	2707
2748 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	1.7	327.8	327.8	2708
2748 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	1.7	327.8	327.8	2736
2749 >E	Fraser 345kV Voltage	SBK Edic R945	4.4	327.8	339.4	2001
2749 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	339.4	2001
2749 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	1.7	327.8	327.8	2737
2749 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	1.4	327.8	327.8	2737
2749 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	1.7	327.8	327.7	2708
2749 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	1.5	327.8	327.6	2708
2750 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	329.0	2688
2750 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	1.3	207	207.3	2709
2750 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	1.3	207	207.3	2689

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2750 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	1.3	207	207.1	2738
2751 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	1.3	207	207.2	2689
2751 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	1.3	207	207.2	2710
2751 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	1.3	207	207.0	2739
2752 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	1.7	327.8	327.8	2739
2752 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	1.7	327.8	327.8	2710
2753 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	328.9	2689
2754 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	1.5	327.8	329.0	2690
2755 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	1.7	327.8	327.9	2713
2755 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	1.7	327.8	327.8	2742
2755 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	329.1	2690
2756 >E	Pannell Road 345kV Voltage	Marcy South S.	6.6	327.8	331.0	3275
2756 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	1.6	327.8	327.8	2744
2756 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	1.6	327.8	327.8	2714
2757 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	1.7	327.8	327.9	2714
2757 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	1.7	327.8	327.8	2744
2757 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	329.1	2691
2758 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	329.1	2691
2759 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	1.7	327.8	327.9	2716
2760 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	1.7	327.8	327.8	2747
2760 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	1.7	327.8	327.9	2717
2760 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	1.7	327.8	327.8	2747
2764 >E	St.Lawrence 230kV Voltage	Volney-Marcy	8.4	218.5	223.6	2595
2764 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.5	218.5	223.6	2008
2764 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	8.5	218.5	223.6	2008
2766 >E	Coopers Corners 345kV Voltage	SBK Edic R945	6.8	327.8	341.2	2008
2766 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	341.2	2008
2768 >E	Oakdale 345kV Voltage	Marcy South S.	4.6	320	321.8	3281
2769 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.6	327.8	337.2	1953
2769 >E	Pannell Road 345kV Voltage	SBK Edic R70	8.0	327.8	329.4	2808
2770 >E	Oakdale 345kV Voltage	Ravenswood 3	5.1	320	321.5	2867
2770 >E	Oakdale 345kV Voltage	SBK Princetown 345	5.1	320	321.5	2563
2772 >E	Oakdale 345kV Voltage	SBK Edic R70	5.0	320	321.0	2811
2772 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	8.2	327.8	334.6	1954

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2772 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	9.7	327.8	334.6	3009
2773 >E	Marcy 345kV Voltage	SBK Marcy R3108	10.9	327.8	327.8	2595
2773 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.4	327.8	348.9	3453
2773 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.4	327.8	348.9	3453
2776 >E	Pannell Road 345kV Voltage	Ravenswood 3	8.3	327.8	328.6	2873
2778 >E	Pannell Road 345kV Voltage	SBK Princetown 345	8.4	327.8	328.5	2570
2783 >E	Niagara 345kV Voltage	Pre-Fault	3.6	NA	338	2783
2783 >E	Station 80 345kV Voltage	Marcy South S.	8.0	327.8	331.2	3288
2788 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	8.9	327.8	337.0	1960
2789 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	8.5	327.8	339.6	1961
2789 >E	Fraser 345kV Voltage	Ph2 DC 1500	5.6	327.8	327.8	3010
2791 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	10.8	218.5	221.8	1962
2801 >E	Station 80 345kV Voltage	SBK Edic R70	9.7	327.8	329.5	2839
2805 >E	Fraser 345kV Voltage	SBK Edic R70	6.5	327.8	327.8	2843
2805 >E	Fraser 345kV Voltage	Marcy South S.	6.5	327.8	327.8	3299
2805 >E	Fraser 345kV Voltage	SBK Princetown 345	6.5	327.8	327.8	2593
2805 >E	Fraser 345kV Voltage	Ravenswood 3	6.5	327.8	327.8	2900
2808 >E	Station 80 345kV Voltage	Ravenswood 3	10.1	327.8	328.8	2903
2810 >E	Gordon Rd 345kV Voltage	Volney-Marcy	7.3	327.8	335.2	2603
2812 >E	Station 80 345kV Voltage	SBK Princetown 345	10.2	327.8	328.4	2599
2813 >E	Somerset 345kV Voltage	Ph2 DC 1500	6.1	327.8	332.1	3011
2817 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	3.5	327.8	328.3	2763
2818 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	328.2	2708
2818 >E	Rainey 345kV Voltage	Pre-Fault	6.2	NA	338	2818
2818 >E	Farragut 345kV Voltage	Pre-Fault	6.5	NA	338	2818
2819 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	3.5	327.8	327.9	2802
2821 >E	New Scotland 345kV Voltage Alps	Marcy South S.	7.6	327.8	341.7	3307
2821 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	7.6	327.8	341.7	3307
2834 >E	Ramapo 500kV Voltage	Ph2 DC 1500	38.6	500	505.1	3012
2834 >E	Coopers Corners 345kV Voltage	Ravenswood 3	9.1	327.8	331.0	2928
2836 >E	Gordon Rd 345kV Voltage	Ravenswood 3	9.6	327.8	329.6	2930
2840 >E	Somerset 345kV Voltage	Marcy South N.	11.4	327.8	345.8	3459
2843 >E	Coopers Corners 345kV Voltage	SBK Edic R70	9.3	327.8	330.1	2880
2844 >E	Somerset 345kV Voltage	Volney-Marcy	7.5	327.8	344.9	2609
2846 >E	Ramapo 500kV Voltage	Ravenswood 3	40.5	500	505.2	2940
2849 >E	Watercure 230kV Voltage	Marcy South N.	13.2	207	229.0	3460
2850 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	9.3	327.8	329.3	2632
2851 >E	Goethals 345kV Voltage	Pre-Fault	8.7	NA	338	2851
2853 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	9.8	327.8	326.4	3013
2855 >E	Fraser 345kV Voltage	Volney-Marcy	9.2	327.8	327.8	2612

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2864 >E	Gordon Rd 345kV Voltage	SBK Edic R70	9.8	327.8	326.7	2901
2873 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	5.9	327.8	329.2	2725
2876 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	329.1	2726
2878 >E	Fraser 345kV Voltage	Marcy South N.	10.2	327.8	327.8	3462
2881 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	6.2	327.8	327.8	2861
2881 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	6.2	327.8	327.8	2815
2883 >E	Niagara 345kV Voltage	Ph2 DC 1500	6.9	327.8	331.9	3015
2884 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	6.5	327.8	327.8	2864
2885 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	6.5	327.8	327.8	2818
2889 >E	St.Lawrence 230kV Voltage	Marcy South S.	19.4	218.5	220.6	3340
2891 >E	Gilboa 345kV Voltage	Marcy South S.	9.7	327.8	338.7	3341
2893 >E	Coopers Corners 345kV Voltage	Volney-Marcy	10.7	327.8	332.4	2619
2904 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	32.4	500	504.9	2072
2904 >E	Ramapo 500kV Voltage	SBK Edic R945	32.4	500	504.9	2072
2905 >E	Niagara 230kV East Voltage	Ph2 DC 1500	16.8	218.5	221.6	3016
2905 >E	Niagara 230kV West Voltage	Ph2 DC 1500	16.8	218.5	221.6	3016
2908 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	14.7	327.8	335.1	2680
2909 >E	Watercure 230kV Voltage	Volney-Marcy	9.9	207	225.9	2622
2919 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	11.8	327.8	330.9	3017
2919 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	11.8	327.8	330.9	3017
2925 >E	St.Lawrence 230kV Voltage	Ravenswood 3	24.4	218.5	219.2	3015
2928 >E	Somerset 345kV Voltage	SBK Edic R945	11.2	327.8	341.5	2084
2928 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	11.2	327.8	341.5	2084
2929 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	8.3	327.8	329.1	2741
2938 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	37.7	500	504.3	2025
2940 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	8.7	327.8	327.8	2917
2940 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	8.7	327.8	327.8	2863
2942 >E	Watercure 230kV Voltage	SBK Edic R945	11.6	207	224.9	2090
2942 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	11.6	207	224.9	2090
2944 >E	Fraser 345kV Voltage	SBK Marcy R3108	12.9	327.8	327.8	2703
2947 >E	Ramapo 500kV Voltage	Marcy South N.	37.0	500	502.6	3469
2948 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	25.5	218.5	218.2	2717
2952 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	11.0	327.8	340.2	2095
2952 >E	Gilboa 345kV Voltage	SBK Edic R945	11.0	327.8	340.2	2095
2956 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	10.8	327.8	337.0	2630
2956 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	10.8	327.8	337.0	2630
2958 >E	St.Lawrence 230kV Voltage	SBK Edic R70	26.8	218.5	217.9	2993
2975 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	12.2	327.8	329.4	3062

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2975 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	12.2	327.8	329.4	3062
2978 >E	Gilboa 345kV Voltage	Ph2 DC 1500	12.0	327.8	328.9	3021
2985 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	12.3	327.8	328.6	3019
2985 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	12.3	327.8	328.6	3019
3002 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	12.6	327.8	334.3	2118
3002 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	12.6	327.8	334.3	2118
3002 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	12.6	327.8	334.3	2118
3002 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	12.6	327.8	334.3	2118
3005 >E	Gordon Rd 345kV Voltage	SBK Edic R945	13.0	327.8	320.0	2119
3005 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	13.0	327.8	320.0	2119
3007 >E	Dunwoodie 345kV Voltage	Marcy South N.	21.0	327.8	328.6	3474
3008 >E	Somerset 345kV Voltage	SBK Marcy R3108	18.6	327.8	341.7	2743
3011 >E	Gilboa 345kV Voltage	Marcy South N.	14.4	327.8	339.4	3474
3013 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	13.4	327.8	337.0	2057
3020 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	15.3	327.8	337.6	2060
3028 >E	Gilboa 345kV Voltage	Ravenswood 3	13.3	327.8	328.5	3113
3032 >E	Sprain Brook 345kV Voltage	Marcy South N.	22.2	327.8	328.7	3476
3038 >E	Gilboa 345kV Voltage	SBK Edic R70	13.4	327.8	327.8	3071
3043 >E	Leeds 345kV Voltage	Marcy South S.	13.1	327.8	342.6	3416
3051 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	16.2	207	221.7	2073
3052 >E	Gilboa 345kV Voltage	SBK Princetown 345	13.6	327.8	326.7	2806
3074 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	15.3	327.8	330.1	2083
3074 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	15.3	327.8	330.1	2083
3075 >E	Ramapo 500kV Voltage	Volney-Marcy	47.4	500	502.1	2653
3078 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	14.0	327.8	321.2	2828
3078 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	14.0	327.8	321.2	2828
3078 >E	Ramapo 500kV Voltage	SBK Edic R70	47.4	500	500.4	3110
3082 >E	Niagara 230kV East Voltage	Volney-Marcy	29.6	218.5	228.4	2654
3082 >E	Niagara 230kV West Voltage	Volney-Marcy	29.6	218.5	228.4	2654
3084 >E	Ramapo 500kV Voltage	SBK Princetown 345	48.3	500	500.3	2833
3094 >E	Dunwoodie 345kV Voltage	Ravenswood 3	37.0	327.8	335.9	3176
3099 >E	Sprain Brook 345kV Voltage	Ravenswood 3	37.0	327.8	335.9	3180
3103 >E	Somerset 345kV Voltage	Marcy South S.	18.8	327.8	335.0	3445
3113 >E	Niagara 345kV Voltage	Volney-Marcy	14.6	327.8	349.3	2660
3116 >E	Gilboa 345kV Voltage	Volney-Marcy	16.4	327.8	331.6	2660
3131 >E	Rock Tavern 345kV Voltage	SBK Edic R945	20.4	327.8	340.4	2177
3131 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	20.4	327.8	340.4	2177
3141 >E	Rock Tavern 345kV Voltage	Ravenswood 3	21.7	327.8	333.1	3220
3155 >E	Millwood 345kV Voltage	Marcy South N.	25.3	327.8	329.6	3487
3157 >E	Pleasant Valley 345kV Voltage	Marcy South S.	22.3	327.8	336.3	3471
3160 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	46.6	218.5	222.6	2840

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3172 >E	Coopers Corners 345kV Voltage	Marcy South N.	17.1	327.8	309.9	3488
3173 >E	Buchanan North 345kV Voltage	Ravenswood 3	34.8	327.8	335.3	3251
3177 >E	Millwood 345kV Voltage	Ravenswood 3	34.1	327.8	335.7	3254
3180 >E	Leeds 345kV Voltage	Marcy South N.	18.9	327.8	344.4	3489
3196 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	23.6	327.8	324.7	2863
3199 >E	Niagara 230kV East Voltage	Marcy South N.	43.5	218.5	230.0	3491
3199 >E	Niagara 230kV West Voltage	Marcy South N.	43.5	218.5	230.0	3491
3212 >E	Niagara 345kV Voltage	Marcy South N.	22.1	327.8	349.8	3492
3217 >E	Somerset 345kV Voltage	SBK Edic R70	24.2	327.8	330.8	3247
3223 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	24.4	327.8	338.1	2147
3239 >E	Pleasant Valley 345kV Voltage	Marcy South N.	26.4	327.8	336.3	3494
3240 >E	Buchanan South 345kV Voltage	Ravenswood 3	33.9	327.8	335.7	3315
3244 >E	Rock Tavern 345kV Voltage	SBK Edic R70	24.0	327.8	328.8	3274
3248 >E	Somerset 345kV Voltage	Ravenswood 3	25.6	327.8	329.6	3322
3254 >E	Buchanan North 345kV Voltage	Marcy South N.	29.9	327.8	328.1	3496
3256 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	24.1	327.8	328.3	2982
3263 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	43.1	218.5	226.6	2239
3263 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	43.1	218.5	226.6	2239
3263 >E	Niagara 230kV East Voltage	SBK Edic R945	43.1	218.5	226.6	2239
3263 >E	Niagara 230kV West Voltage	SBK Edic R945	43.1	218.5	226.6	2239
3266 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	23.1	327.8	332.0	2907
3266 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	23.1	327.8	332.0	2907
3268 >E	Somerset 345kV Voltage	SBK Princetown 345	26.0	327.8	328.9	2992
3277 >E	Buchanan South 345kV Voltage	Marcy South N.	28.4	327.8	329.3	3498
3283 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	25.6	327.8	323.8	3039
3285 >E	Gardenville 230kV Voltage	Ph2 DC 1500	22.9	207	211.4	3039
3287 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	28.9	327.8	332.1	3359
3302 >E	Watercure 230kV Voltage	SBK Marcy R3108	30.8	207	225.9	2930
3312 >E	Gardenville 230kV Voltage	Volney-Marcy	24.2	207	225.5	2697
3321 >E	Niagara 345kV Voltage	SBK Edic R945	21.7	327.8	345.0	2266
3321 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	21.7	327.8	345.0	2266
3332 >E	Ramapo 500kV Voltage	Marcy South S.	76.8	500	495.2	3557
3351 >E	Leeds 345kV Voltage	Ph2 DC 1500	22.3	327.8	325.3	3043
3354 >E	Ramapo 345kV Voltage	Ravenswood 3	34.1	327.8	334.9	3423
3376 >E	Ladentown 345kV Voltage	Ravenswood 3	33.7	327.8	335.6	3445
3393 >E	Leeds 345kV Voltage	SBK Edic R70	23.7	327.8	327.8	3419
3393 >E	Leeds 345kV Voltage	Ravenswood 3	23.7	327.8	327.8	3460
3393 >E	Leeds 345kV Voltage	SBK Princetown 345	23.7	327.8	327.8	3099
3394 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	38.6	327.8	336.2	2299
3394 >E	Buchanan North 345kV Voltage	SBK Edic R945	38.6	327.8	336.2	2299
3396 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	30.2	327.8	325.6	3046

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3403 >E	Gilboa 345kV Voltage	SBK Marcy R3108	26.6	327.8	329.3	2994
3404 >E	Gardenville 230kV Voltage	Marcy South N.	32.1	207	227.4	3509
3412 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	30.8	327.8	328.1	3438
3418 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	40.4	327.8	327.3	3047
3425 >E	Roseton 345kV Voltage	Ravenswood 3	31.4	327.8	332.4	3491
3427 >E	Bowline 1 345kV Voltage	Ravenswood 3	33.5	327.8	335.9	3493
3442 >E	Bowline 2 345kV Voltage	Ravenswood 3	33.5	327.8	336.0	3507
3444 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	33.6	327.8	339.1	2323
3444 >E	Ramapo 345kV Voltage	SBK Edic R945	33.6	327.8	339.1	2323
3450 >E	Rock Tavern 345kV Voltage	Marcy South N.	28.4	327.8	322.0	3513
3450 >E	Dunwoodie 345kV Voltage	SBK Edic R70	45.1	327.8	328.1	3475
3456 >E	Sprain Brook 345kV Voltage	SBK Edic R70	45.2	327.8	328.1	3480
3465 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	32.1	327.8	326.4	3161
3468 >E	Buchanan North 345kV Voltage	SBK Edic R70	41.5	327.8	328.3	3493
3477 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	58.8	218.5	224.4	2256
3477 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	58.8	218.5	224.4	2256
3484 >E	Millwood 345kV Voltage	SBK Edic R70	40.4	327.8	328.2	3508
3485 >E	Millwood 345kV Voltage	Ph2 DC 1500	40.2	327.8	325.4	3051
3485 >E	Ramapo 500kV Voltage	SBK Marcy R3108	95.2	500	501.1	3046
3491 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	46.3	327.8	327.2	3183
3491 >E	Dunwoodie 345kV Voltage	Marcy South S.	45.9	327.8	327.2	3634
3493 >E	Buchanan North 345kV Voltage	SBK Princetown 345	42.1	327.8	327.7	3186
3496 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	46.4	327.8	327.2	3188
3498 >E	Rock Tavern 345kV Voltage	Volney-Marcy	33.3	327.8	331.0	2731
3501 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	47.0	327.8	325.3	3052
3505 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	47.4	327.8	325.2	3053
3505 >E	Sprain Brook 345kV Voltage	Marcy South S.	46.3	327.8	327.0	3641
3512 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	44.7	327.8	334.4	2270
3515 >E	Roseton 345kV Voltage	Marcy South N.	32.4	327.8	331.8	3519
3516 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	39.2	327.8	326.0	3053
3520 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	32.5	207	222.7	2358
3520 >E	Gardenville 230kV Voltage	SBK Edic R945	32.5	207	222.7	2358
3526 >E	Millwood 345kV Voltage	SBK Princetown 345	41.6	327.8	327.1	3214
3526 >E	Millwood 345kV Voltage	Marcy South S.	41.5	327.8	327.1	3652
3537 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	35.3	327.8	339.1	2366
3537 >E	Ladentown 345kV Voltage	SBK Edic R945	35.3	327.8	339.1	2366
3543 >E	Buchanan South 345kV Voltage	SBK Edic R70	40.1	327.8	328.2	3566
3558 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	29.6	327.8	340.1	2290
3564 >E	Ramapo 345kV Voltage	Ph2 DC 1500	38.9	327.8	326.5	3056
3567 >E	Roseton 345kV Voltage	SBK Edic R70	34.0	327.8	328.3	3589
3575 >E	Roseton 345kV Voltage	Marcy South S.	33.2	327.8	328.0	3676

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3579 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	39.4	327.8	336.9	2299
3581 >E	Buchanan South 345kV Voltage	SBK Princetown 345	41.0	327.8	327.3	3261
3583 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	42.2	327.8	336.1	2387
3583 >E	Buchanan South 345kV Voltage	SBK Edic R945	42.2	327.8	336.1	2387
3588 >E	Bowline 1 345kV Voltage	SBK Edic R945	35.1	327.8	339.8	2389
3588 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	35.1	327.8	339.8	2389
3597 >E	Roseton 345kV Voltage	SBK Princetown 345	34.6	327.8	327.4	3275
3602 >E	Roseton 345kV Voltage	Ph2 DC 1500	35.3	327.8	324.2	3058
3605 >E	Bowline 2 345kV Voltage	SBK Edic R945	35.1	327.8	340.0	2397
3605 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	35.1	327.8	340.0	2397
3609 >E	Ladentown 345kV Voltage	Ph2 DC 1500	38.5	327.8	326.5	3059
3614 >E	Niagara 230kV East Voltage	SBK Marcy R3108	71.0	218.5	227.1	3127
3614 >E	Niagara 230kV West Voltage	SBK Marcy R3108	71.0	218.5	227.1	3127
3616 >E	Ramapo 345kV Voltage	SBK Edic R70	39.8	327.8	328.4	3637
3627 >E	Millwood 345kV Voltage	SBK Edic R945	47.2	327.8	334.5	2407
3627 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	47.2	327.8	334.5	2407
3634 >E	Niagara 345kV Voltage	SBK Marcy R3108	36.3	327.8	344.3	3140
3637 >E	Ramapo 345kV Voltage	SBK Princetown 345	40.2	327.8	327.9	3309
3655 >E	Ramapo 345kV Voltage	Marcy South N.	39.6	327.8	327.3	3531
3666 >E	Ladentown 345kV Voltage	SBK Edic R70	39.7	327.8	328.4	3687
3669 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	38.4	327.8	326.3	3062
3673 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	57.2	327.8	333.4	2429
3674 >E	Sprain Brook 345kV Voltage	SBK Edic R945	57.2	327.8	333.4	2429
3675 >E	Ladentown 345kV Voltage	Marcy South N.	39.0	327.8	328.3	3533
3683 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	41.2	327.8	336.7	2344
3685 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	58.2	327.8	333.2	2434
3685 >E	Dunwoodie 345kV Voltage	SBK Edic R945	58.2	327.8	333.2	2434
3686 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	38.4	327.8	326.3	3063
3687 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	38.8	327.8	336.9	2435
3687 >E	Roseton 345kV Voltage	SBK Edic R945	38.8	327.8	336.9	2435
3693 >E	Ladentown 345kV Voltage	SBK Princetown 345	40.2	327.8	327.7	3357
3727 >E	Bowline 1 345kV Voltage	SBK Edic R70	39.6	327.8	328.4	3746
3727 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	48.5	327.8	333.9	2362
3732 >E	Leeds 345kV Voltage	SBK Edic R945	35.0	327.8	327.8	2456
3732 >E	Leeds 345kV Voltage	Volney-Marcy	35.0	327.8	327.8	2775
3732 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	35.0	327.8	327.8	2456
3733 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	35.0	327.8	327.8	2365
3744 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	40.9	327.8	337.3	2370
3745 >E	Bowline 2 345kV Voltage	SBK Edic R70	39.5	327.8	328.4	3763
3748 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	43.6	327.8	332.1	2463
3748 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	43.6	327.8	332.1	2463

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3749 >E	Buchanan South 345kV Voltage	Marcy South S.	47.0	327.8	323.1	3761
3754 >E	Bowline 1 345kV Voltage	SBK Princetown 345	40.1	327.8	327.7	3410
3763 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	40.9	327.8	337.5	2378
3772 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	54.0	327.8	332.5	2382
3772 >E	Bowline 2 345kV Voltage	SBK Princetown 345	40.1	327.8	327.7	3426
3810 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	43.7	207	218.9	2398
3823 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	65.2	327.8	331.6	2403
3836 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	66.3	327.8	331.5	2409
3839 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	44.4	327.8	334.3	2410
3851 >E	Gardenville 230kV Voltage	SBK Marcy R3108	47.6	207	219.3	3277
3860 >E	Bowline 1 345kV Voltage	Marcy South N.	43.5	327.8	328.5	3549
3869 >E	Bowline 2 345kV Voltage	Marcy South N.	43.1	327.8	328.5	3550
3884 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	48.8	327.8	329.7	2430
3892 >E	Buchanan North 345kV Voltage	Marcy South S.	56.1	327.8	318.2	3830
3915 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	51.2	327.8	329.1	2809
3957 >E	Buchanan North 345kV Voltage	Volney-Marcy	65.6	327.8	327.6	2817
4077 >E	Niagara 345kV Voltage	Marcy South S.	47.8	327.8	340.4	3921
4126 >E	Roseton 345kV Voltage	Volney-Marcy	54.5	327.8	329.5	2848
4136 >E	Ramapo 345kV Voltage	Volney-Marcy	60.6	327.8	327.7	2850
4208 >E	Millwood 345kV Voltage	Volney-Marcy	75.1	327.8	326.3	2863
4240 >E	Buchanan South 345kV Voltage	Volney-Marcy	71.0	327.8	326.3	2869
4253 >E	Rock Tavern 345kV Voltage	Marcy South S.	50.6	327.8	287.5	4007
4291 >E	Sprain Brook 345kV Voltage	Volney-Marcy	91.7	327.8	326.1	2879
4292 >E	Watercure 230kV Voltage	Ph2 DC 1500	71.8	207	225.7	3100
4304 >E	Dunwoodie 345kV Voltage	Volney-Marcy	93.0	327.8	326.0	2881
4307 >E	Leeds 345kV Voltage	SBK Marcy R3108	53.2	327.8	327.8	3567
4354 >E	Ladentown 345kV Voltage	Volney-Marcy	66.1	327.8	325.9	2890
4465 >E	Bowline 1 345kV Voltage	Volney-Marcy	66.2	327.8	325.6	2911
4468 >E	Ladentown 345kV Voltage	Marcy South S.	65.1	327.8	308.4	4112
4482 >E	Ramapo 345kV Voltage	Marcy South S.	66.9	327.8	307.0	4119
4491 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	70.9	327.8	323.7	3683
4558 >E	Rainey 345kV Voltage	Ravenswood 3	90.0	327.8	341.6	4571
4633 >E	Coopers Corners 345kV Voltage	Marcy South S.	48.0	327.8	141.9	4192
4665 >E	Farragut 345kV Voltage	Ravenswood 3	94.8	327.8	340.8	4672
4670 >E	Bowline 2 345kV Voltage	Volney-Marcy	72.6	327.8	322.8	2949
4684 >E	Niagara 345kV Voltage	SBK Edic R70	69.2	327.8	333.1	4683
4717 >E	Northport 138kV Voltage	Pre-Fault	226.9	NA	135	4717
4757 >E	Bowline 1 345kV Voltage	Marcy South S.	71.8	327.8	302.7	4253
4778 >E	Bowline 2 345kV Voltage	Marcy South S.	71.4	327.8	302.6	4263
4822 >E	Watercure 230kV Voltage	Marcy South S.	82.4	207	224.3	4285
4862 >E	Niagara 345kV Voltage	Ravenswood 3	75.6	327.8	330.9	4861

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4873 >E	Niagara 230kV East Voltage	Marcy South S.	172.7	218.5	229.1	4310
4873 >E	Niagara 230kV West Voltage	Marcy South S.	172.7	218.5	229.1	4310
4900 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	89.8	327.8	325.9	3942
4953 >E	Niagara 345kV Voltage	SBK Princetown 345	77.7	327.8	329.8	4442
5079 >E	Northport 138kV Voltage	N.Scot-Leeds 345	185.8	131.1	133.4	3377
5170 >E	Rainey 345kV Voltage	Marcy South N.	94.0	327.8	329.9	3665
5280 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	130.0	327.8	324.7	4183
5291 >E	Farragut 345kV Voltage	Marcy South N.	100.5	327.8	330.0	3676
5424 >E	Roseton 345kV Voltage	SBK Marcy R3108	101.1	327.8	324.7	4275
5514 >E	Goethals 345kV Voltage	Ravenswood 3	128.6	327.8	339.7	5483
5598 >E	Northport 138kV Voltage	Princetown-N.Scot 345	226.6	131.1	131.1	5420
5610 >E	Millwood 345kV Voltage	SBK Marcy R3108	139.9	327.8	324.1	4392
5613 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	227.7	131.1	131.1	5021
5792 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	170.9	327.8	324.0	4508
5802 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	172.6	327.8	323.9	4514
5813 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	138.9	327.8	324.0	4521
5834 >E	Ramapo 345kV Voltage	SBK Marcy R3108	128.5	327.8	323.6	4534
6173 >E	Goethals 345kV Voltage	Marcy South N.	136.0	327.8	330.0	3754
6189 >E	Watercure 230kV Voltage	Ravenswood 3	140.3	207	219.0	6126
6298 >E	Watercure 230kV Voltage	SBK Edic R70	142.4	207	218.6	6264
6397 >E	Ladentown 345kV Voltage	SBK Marcy R3108	143.8	327.8	323.4	4891
6525 >E	Rainey 345kV Voltage	SBK Edic R70	144.0	327.8	328.0	6486
6582 >E	Farragut 345kV Voltage	SBK Edic R70	149.1	327.8	328.0	6542
6654 >E	Rainey 345kV Voltage	SBK Princetown 345	148.0	327.8	327.2	5905
6655 >E	Rainey 345kV Voltage	Marcy South S.	147.7	327.8	327.1	5180
6657 >E	Rainey 345kV Voltage	Ph2 DC 1500	148.7	327.8	324.6	3242
6701 >E	Farragut 345kV Voltage	Ph2 DC 1500	153.4	327.8	324.7	3245
6713 >E	Farragut 345kV Voltage	SBK Princetown 345	153.3	327.8	327.2	5957
6716 >E	Farragut 345kV Voltage	Marcy South S.	153.0	327.8	327.2	5210
6941 >E	Watercure 230kV Voltage	SBK Princetown 345	168.8	207	216.1	6153
7051 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	159.3	327.8	323.0	5306
7090 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	158.3	327.8	323.0	5331
7480 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	179.3	327.8	336.6	4191
7480 >E	Rainey 345kV Voltage	SBK Edic R945	179.3	327.8	336.6	4191
7539 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	185.2	327.8	336.5	4218
7539 >E	Farragut 345kV Voltage	SBK Edic R945	185.2	327.8	336.5	4218
7871 >E	Goethals 345kV Voltage	SBK Edic R70	201.1	327.8	328.0	7805
7937 >E	Goethals 345kV Voltage	Ph2 DC 1500	203.5	327.8	325.3	3319
8045 >E	Goethals 345kV Voltage	SBK Princetown 345	207.0	327.8	327.2	7103
8054 >E	Goethals 345kV Voltage	Marcy South S.	206.9	327.8	327.1	5864

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
8142 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	203.7	327.8	334.2	4252
8175 >E	Niagara 230kV East Voltage	SBK Edic R70	436.8	218.5	225.8	8103
8175 >E	Niagara 230kV West Voltage	SBK Edic R70	436.8	218.5	225.8	8103
8206 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	210.2	327.8	334.1	4279
9170 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	250.9	327.8	336.7	4973
9170 >E	Goethals 345kV Voltage	SBK Edic R945	250.9	327.8	336.7	4973
10048 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	284.4	327.8	334.4	5068
10191 >E	Niagara 230kV East Voltage	Ravenswood 3	599.8	218.5	223.8	9939
10191 >E	Niagara 230kV West Voltage	Ravenswood 3	599.8	218.5	223.8	9939
10513 >E	Rainey 345kV Voltage	Volney-Marcy	291.9	327.8	325.3	4036
10612 >E	Farragut 345kV Voltage	Volney-Marcy	301.7	327.8	325.4	4055
11307 >E	Niagara 230kV East Voltage	SBK Princetown 345	676.6	218.5	222.7	9910
11307 >E	Niagara 230kV West Voltage	SBK Princetown 345	676.6	218.5	222.7	9910
13316 >E	Northport 138kV Voltage	Ravenswood 3	852.0	131.1	133.7	12918
13584 >E	Goethals 345kV Voltage	Volney-Marcy	420.9	327.8	325.1	4608
15995 >E	Northport 138kV Voltage	SBK Edic R70	1044.6	131.1	131.2	15761
16058 >E	Northport 138kV Voltage	Marcy South S.	1048.7	131.1	131.1	9775
16330 >E	Northport 138kV Voltage	SBK Princetown 345	1069.5	131.1	130.8	14232
16718 >E	Northport 138kV Voltage	Ph2 DC 1500	1101.6	131.1	129.2	3846
17367 >E	Rainey 345kV Voltage	SBK Marcy R3108	543.6	327.8	322.5	11844
17544 >E	Farragut 345kV Voltage	SBK Marcy R3108	561.4	327.8	322.7	11955
23142 >E	Goethals 345kV Voltage	SBK Marcy R3108	785.6	327.8	322.6	15503
23167 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1605.7	131.1	135.4	11452
23167	Northport 138kV Voltage	SBK Edic R945	1605.7	131.1	135.4	11452

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

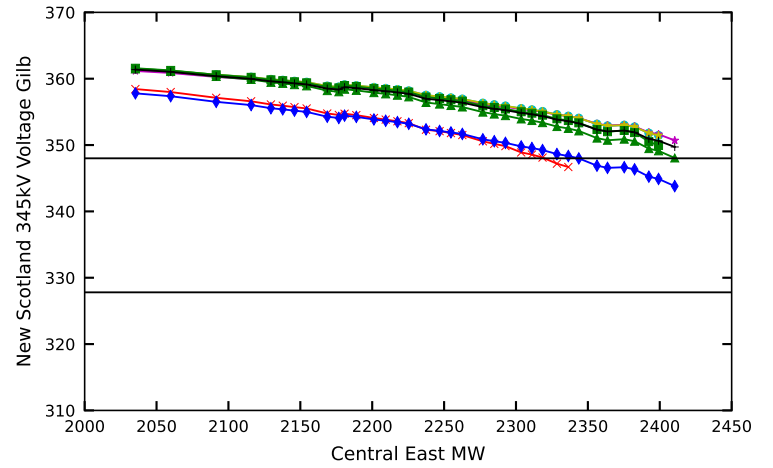
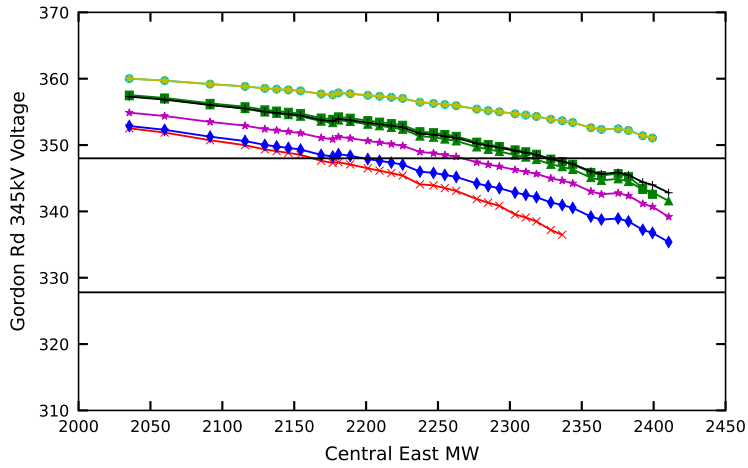
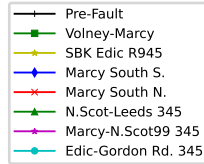
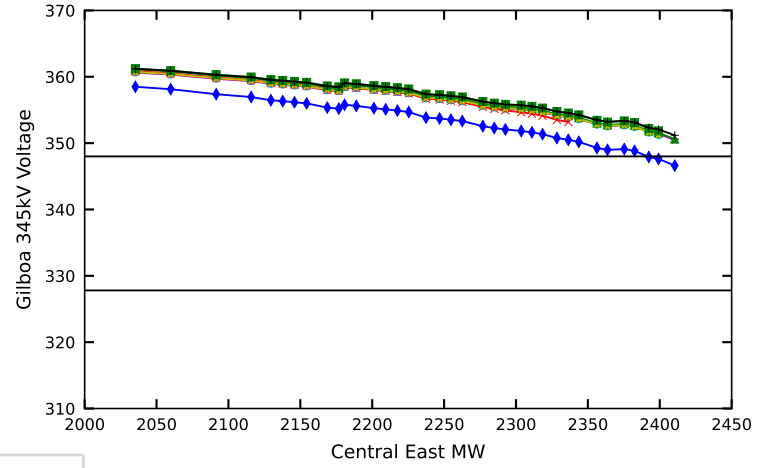
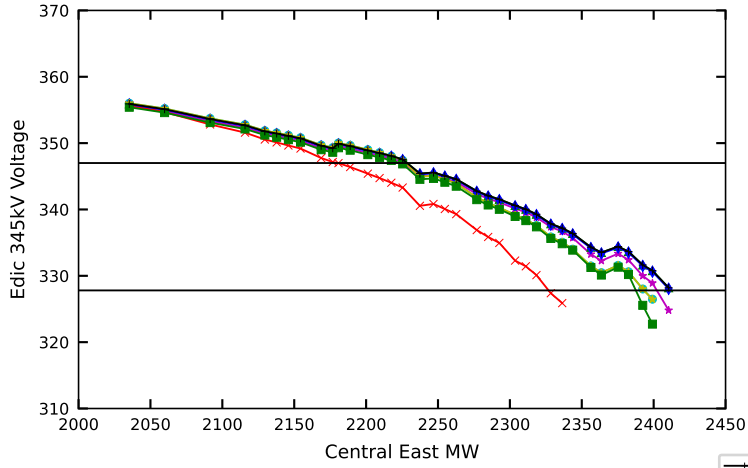
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\FE1_OS\Sum2023_CEVC_PH2_20_FE1_OS.xlsx

1: 2023S CEVC PH2 CE2530 MS2270 DE1300 20 FE1 OS

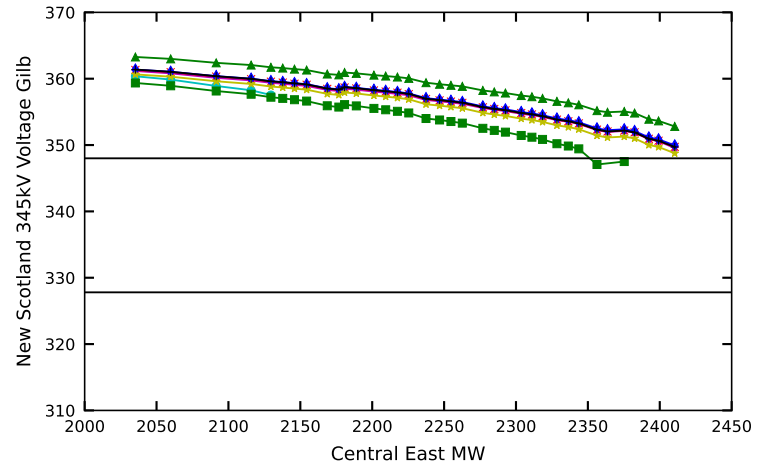
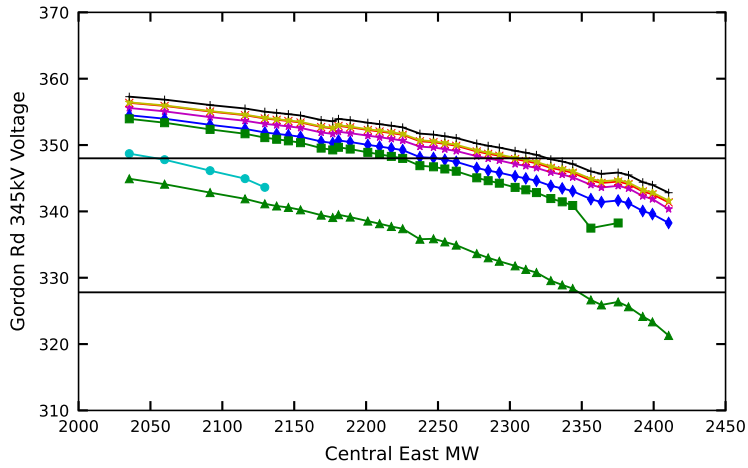
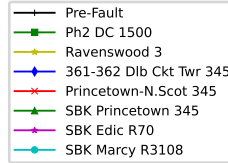
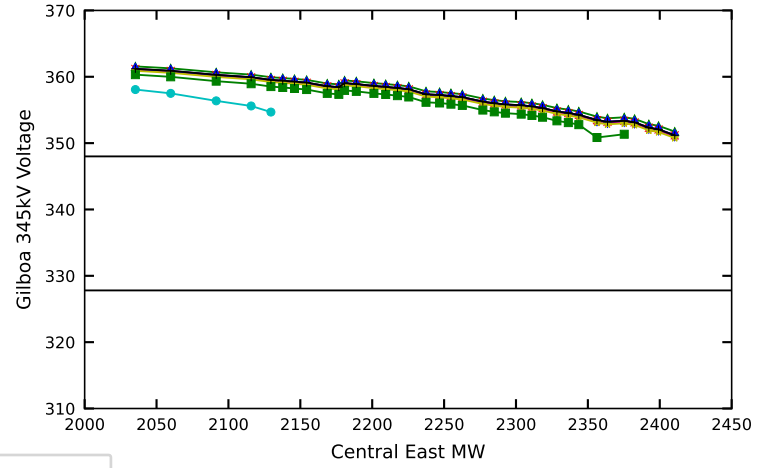
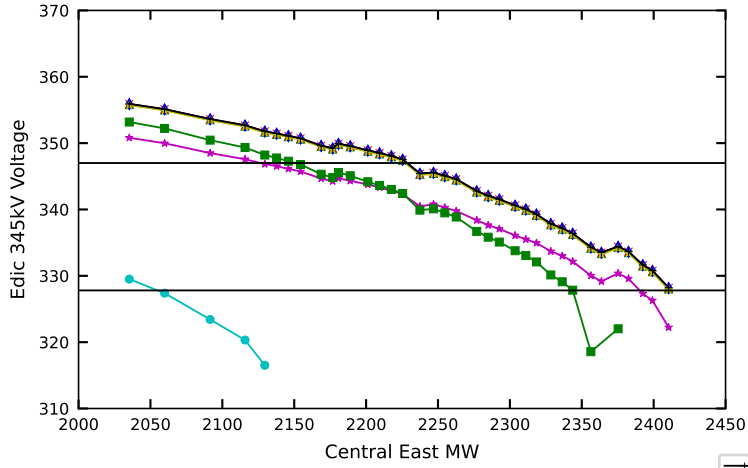
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
25951	Northport 138kV Voltage	Marcy-N.Scot99 345	1823.1	131.1	134.2	11875
>E						
37274	Northport 138kV Voltage	Volney-Marcy	2710.9	131.1	129.5	9016
>E						
69023	Northport 138kV Voltage	SBK Marcy R3108	5205.5	131.1	128.3	44579
>E						
99998	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	St.Lawrence 230kV Voltage	Ph2 DC 1500	NA	218.5	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

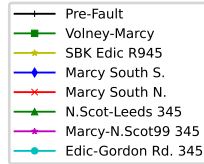
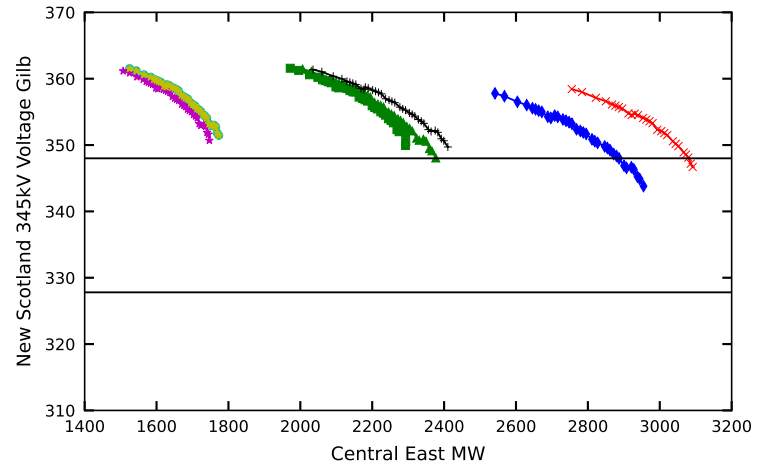
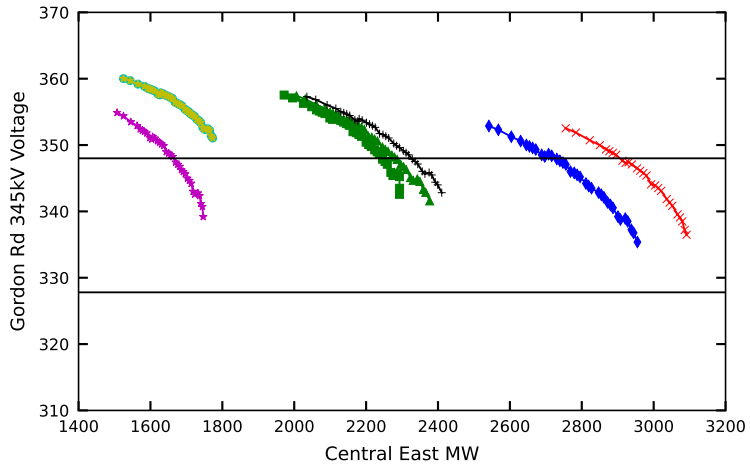
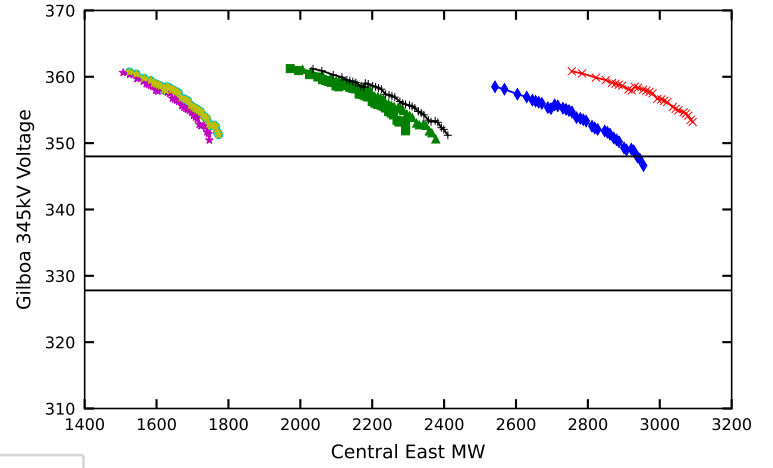
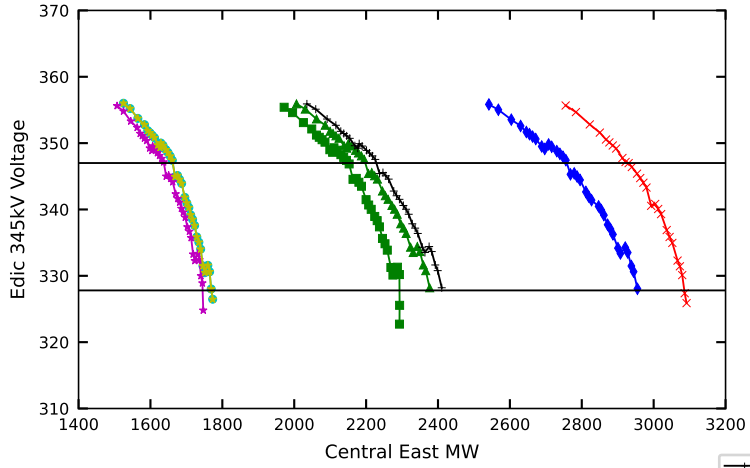
1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS Figure 1



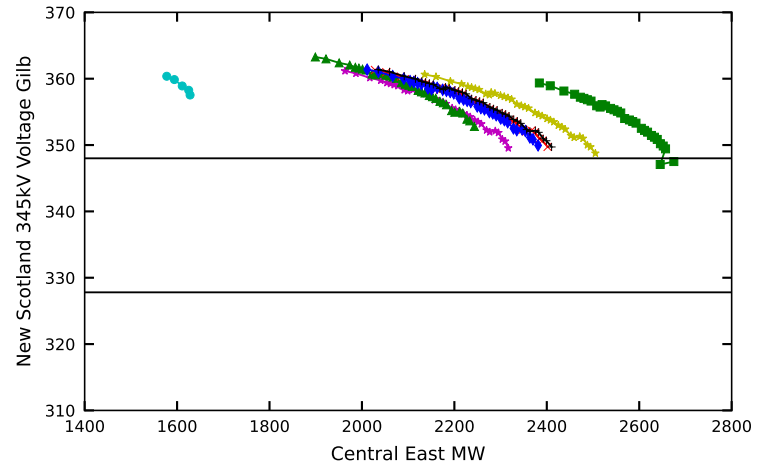
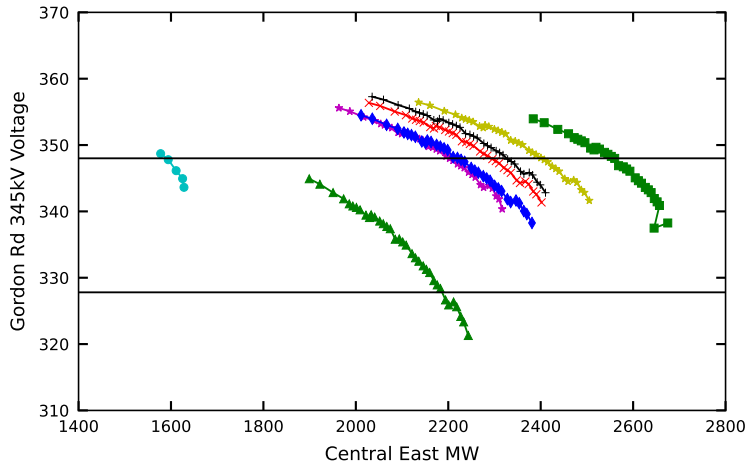
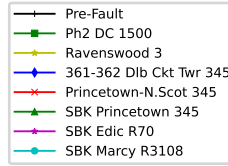
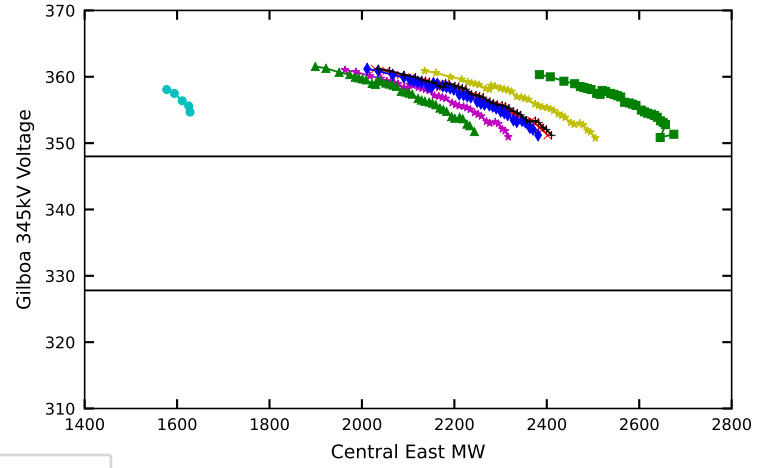
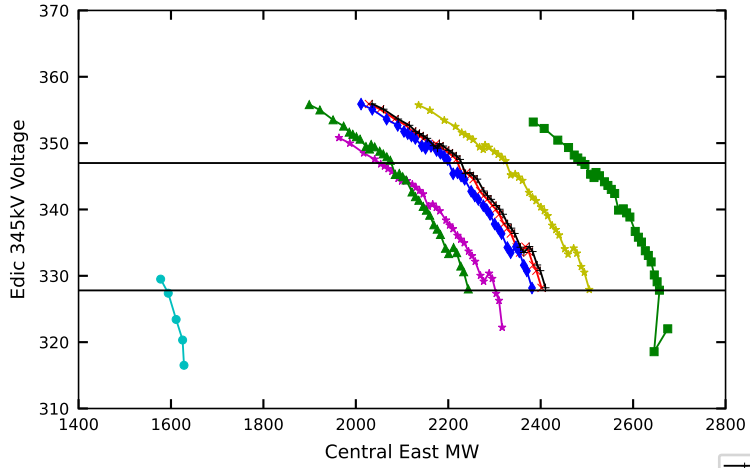
1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS Figure 2



1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS Figure 1



1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\MSU1_OS\Sum2023_CEVC_PH2_20_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS

Interface: Central East

2336	t2 8	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
2343	t2 9	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0
2356	t3 0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2363	t3 1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	2
2375	t3 2	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
2382	t3 3	0	0	0	0	2	0	0	0	2	0	0	0	0	0	1
2392	t3 4	0	0	0	0	2	0	0	0	2	0	0	0	0	0	2
2399	t3 5	0	0	0	0	2	0	0	0	2	0	0	0	0	0	2
2410	t3 6	0	2	0	0	2	0	2	2	2	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-

E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\2O\MSU1_OS\Sum2023_CEVC_PH2_2O_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2070 MS710 DE2250 2O MSU1 OS

Interface: Central East

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Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
-372 <E	Niagara 230kV East Voltage	Pre-Fault	684.8	NA	225	-372
-372 <E	Niagara 230kV West Voltage	Pre-Fault	684.8	NA	225	-372
1268 <E	Station 80 345kV Voltage	Pre-Fault	88.2	NA	346	1268
1603 <E	Pannell Road 345kV Voltage	Pre-Fault	71.8	NA	346	1603
1733 <E	Dunwoodie 345kV Voltage	Pre-Fault	374.2	NA	348	1733
1761 <E	Sprain Brook 345kV Voltage	Pre-Fault	370.3	NA	348	1761
2023	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1546
2054	Edic 345kV Voltage	SBK Marcy R3108	11.6	327.8	355.3	1590
2099	Station 80 345kV Voltage	SBK Marcy R3108	17.6	327.8	336.1	1615
2103	Pannell Road 345kV Voltage	SBK Marcy R3108	14.8	327.8	338.6	1618
2115	Clay 345kV Voltage	SBK Marcy R3108	3.9	327.8	349.9	1625
2127	Niagara 230kV East Voltage	Ph2 DC 1500	70.8	218.5	221.1	2470
2127	Niagara 230kV West Voltage	Ph2 DC 1500	70.8	218.5	221.1	2470
2146 >E	Niagara 230kV East Voltage	SBK Marcy R3108	29.2	218.5	220.9	1631
2146 >E	Niagara 230kV West Voltage	SBK Marcy R3108	29.2	218.5	220.9	1631
2157	Station 80 345kV Voltage	Ph2 DC 1500	18.8	327.8	334.8	2498
2168 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.8	320	349.5	1636
2169	Somerset 345kV Voltage	Pre-Fault	128.6	NA	338	2169
2185 >E	Somerset 345kV Voltage	SBK Marcy R3108	11.1	327.8	337.0	1640
2219	limit with 5% margin	Marcy South N.	NA	NA	NA	2936
2225	Marcy 345kV Voltage	Pre-Fault	14.8	NA	348	2225
2226	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2524
2227 >E	Fraser 345kV Voltage	SBK Marcy R3108	5.6	327.8	352.3	1649
2227	Pannell Road 345kV Voltage	Ph2 DC 1500	3.7	327.8	335.1	2561
2228	Edic 345kV Voltage	Pre-Fault	5.6	NA	347	2228
2229	Clay 345kV Voltage	Pre-Fault	5.6	NA	345	2229
2233	Niagara 230kV East Voltage	Ravenswood 3	6.0	218.5	219.6	2331
2233	Niagara 230kV West Voltage	Ravenswood 3	6.0	218.5	219.6	2331
2235	Somerset 345kV Voltage	Ph2 DC 1500	3.3	327.8	335.0	2566
2236	Niagara 230kV East Voltage	SBK Edic R70	6.2	218.5	219.1	2155
2236	Niagara 230kV West Voltage	SBK Edic R70	6.2	218.5	219.1	2155
2237	Niagara 230kV East Voltage	Marcy South N.	6.1	218.5	219.0	2992
2237	Niagara 230kV West Voltage	Marcy South N.	6.1	218.5	219.0	2992
2272	limit with 5% margin	Volney-Marcy	NA	NA	NA	2178
2279	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1684
2279	limit with 5% margin	SBK Edic R945	NA	NA	NA	1684
2289	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1659
2289	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2258
2289	limit with 5% margin	Marcy South S.	NA	NA	NA	2807
2289	limit with 5% margin	SBK Edic R70	NA	NA	NA	2200
2289	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2131

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2289	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2281
2289	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2262
2289	limit with 5% margin	Ravenswood 3	NA	NA	NA	2379
2295 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	10.5	327.8	349.3	1663
2299	Station 80 345kV Voltage	Marcy South N.	9.0	327.8	330.5	3061
2301	Station 80 345kV Voltage	Ravenswood 3	15.5	327.8	330.4	2398
2313	Pannell Road 345kV Voltage	Marcy South N.	10.1	327.8	331.7	3075
2317	Niagara 230kV East Voltage	Volney-Marcy	77.6	218.5	218.8	2236
2317	Niagara 230kV West Voltage	Volney-Marcy	77.6	218.5	218.8	2236
2320	Station 80 345kV Voltage	Volney-Marcy	11.0	327.8	329.6	2238
2322	Station 80 345kV Voltage	SBK Edic R70	13.5	327.8	329.5	2237
2326	Gordon Rd 345kV Voltage	Pre-Fault	14.9	NA	348	2326
2326	Edic 345kV Voltage	Marcy South N.	3.7	327.8	338.1	3085
2329	Marcy 345kV Voltage	Marcy South N.	5.3	327.8	338.2	3086
2329	Clay 345kV Voltage	Marcy South N.	5.8	327.8	337.2	3087
2335	Pannell Road 345kV Voltage	Volney-Marcy	23.4	327.8	330.4	2251
2338	Clay 345kV Voltage	Ph2 DC 1500	5.8	327.8	336.5	2653
2340	Niagara 230kV East Voltage	Princetown-N.Scot 345	100.8	218.5	218.5	2332
2340	Niagara 230kV West Voltage	Princetown-N.Scot 345	100.8	218.5	218.5	2332
2340	Pannell Road 345kV Voltage	Ravenswood 3	19.8	327.8	330.2	2436
2341	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	100.7	218.5	218.5	2312
2341	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	100.7	218.5	218.5	2312
2341	Niagara 230kV East Voltage	N.Scot-Leeds 345	100.7	218.5	218.5	2308
2341	Niagara 230kV West Voltage	N.Scot-Leeds 345	100.7	218.5	218.5	2308
2343	Niagara 230kV East Voltage	SBK Edic R945	39.9	218.5	218.5	1739
2343	Niagara 230kV West Voltage	SBK Edic R945	39.9	218.5	218.5	1739
2343	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	39.9	218.5	218.5	1739
2343	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	39.9	218.5	218.5	1739
2343 >E	Edic 345kV Voltage	Ph2 DC 1500	5.8	327.8	336.4	2657
2344	Niagara 230kV East Voltage	SBK Princetown 345	43.2	218.5	218.4	2183
2344	Niagara 230kV West Voltage	SBK Princetown 345	43.2	218.5	218.4	2183
2345	Niagara 230kV East Voltage	Marcy-N.Scot99 345	39.9	218.5	218.4	1713
2345	Niagara 230kV West Voltage	Marcy-N.Scot99 345	39.9	218.5	218.4	1713
2346	Pannell Road 345kV Voltage	SBK Edic R70	10.0	327.8	329.7	2261
2347	Gordon Rd 345kV Voltage	SBK Princetown 345	7.4	327.8	346.8	2186
2347 >E	Marcy 345kV Voltage	Ph2 DC 1500	5.7	327.8	336.3	2659
2351	Station 80 345kV Voltage	SBK Edic R945	10.5	327.8	327.9	1743
2351	Station 80 345kV Voltage	Edic-Gordon Rd. 345	10.5	327.8	327.9	1743

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2352	Station 80 345kV Voltage	Princetown-N.Scot 345	11.8	327.8	327.8	2344
2352	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	11.8	327.8	327.8	2324
2353	Station 80 345kV Voltage	N.Scot-Leeds 345	11.8	327.8	327.7	2320
2354	Station 80 345kV Voltage	SBK Princetown 345	11.8	327.8	327.6	2192
2355	Station 80 345kV Voltage	Marcy-N.Scot99 345	10.7	327.8	327.6	1718
2356	Clay 345kV Voltage	Volney-Marcy	6.1	327.8	334.1	2269
2357 >E	Oakdale 345kV Voltage	Marcy South N.	8.2	320	336.3	3105
2358	Oakdale 345kV Voltage	Pre-Fault	8.7	NA	335	2358
2362	Pannell Road 345kV Voltage	SBK Edic R945	12.4	327.8	328.4	1750
2362	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	12.4	327.8	328.4	1750
2387	Edic 345kV Voltage	Volney-Marcy	2.1	327.8	332.6	2292
2388	Millwood 345kV Voltage	Pre-Fault	17.5	NA	348	2388
2390	Marcy 345kV Voltage	Volney-Marcy	2.2	327.8	332.5	2293
2390	Edic 345kV Voltage	SBK Edic R70	4.4	327.8	332.1	2301
2393	Edic 345kV Voltage	SBK Edic R945	4.3	327.8	331.5	1769
2393	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	331.5	1769
2393	Marcy 345kV Voltage	SBK Edic R945	4.3	327.8	331.8	1769
2393	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	331.8	1769
2400 >E	Niagara 345kV Voltage	SBK Marcy R3108	17.8	327.8	341.5	1686
2400	Clay 345kV Voltage	SBK Edic R70	2.7	327.8	331.4	2310
2401 >E	Clay 345kV Voltage	SBK Edic R945	4.2	327.8	331.3	1774
2401 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	331.3	1774
2402	Edic 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	330.1	1745
2404	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	329.9	1745
2405 >E	Oakdale 345kV Voltage	Ph2 DC 1500	6.4	320	329.1	2699
2405	Clay 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	330.2	1745
2407	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	4.5	327.8	328.7	1746
2409	Clay 345kV Voltage	Ravenswood 3	4.5	327.8	329.4	2504
2410 >E	Edic 345kV Voltage	Ravenswood 3	4.3	327.8	328.1	2505
2411 >E	Edic 345kV Voltage	SBK Princetown 345	4.3	327.8	328.0	2244
2411 >E	Somerset 345kV Voltage	Marcy South N.	23.6	327.8	332.6	3141
2411 >E	Edic 345kV Voltage	Marcy South S.	4.4	327.8	328.0	2955
2411 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	327.8	327.8	2382
2412 >E	Edic 345kV Voltage	Princetown-N.Scot 345	4.4	327.8	327.8	2403
2412 >E	Edic 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	327.8	2378
2413 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	6.8	327.8	327.8	2404
2413 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	6.8	327.8	327.8	2384
2413 >E	Marcy 345kV Voltage	SBK Edic R70	4.3	327.8	327.8	2318

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2413 >E	Marcy 345kV Voltage	Ravenswood 3	4.3	327.8	327.8	2508
2413 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	4.3	327.8	327.8	2380
2413 >E	Marcy 345kV Voltage	Marcy South S.	4.3	327.8	327.8	2957
2413 >E	Marcy 345kV Voltage	SBK Princetown 345	4.3	327.8	327.8	2246
2413 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	4.3	327.8	327.8	2405
2413 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.3	327.8	327.8	2384
2413 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	327.8	2380
2414 >E	Pannell Road 345kV Voltage	SBK Princetown 345	6.7	327.8	327.7	2246
2414 >E	Oakdale 345kV Voltage	Volney-Marcy	3.2	320	329.9	2294
2416 >E	Somerset 345kV Voltage	Volney-Marcy	6.1	327.8	332.5	2294
2416 >E	Clay 345kV Voltage	SBK Princetown 345	4.8	327.8	327.9	2248
2417 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	327.8	327.8	2388
2417 >E	Clay 345kV Voltage	Princetown-N.Scot 345	4.8	327.8	327.8	2408
2417 >E	Clay 345kV Voltage	N.Scot-Leeds 345	4.8	327.8	327.8	2383
2423 >E	Clay 345kV Voltage	Marcy South S.	5.2	327.8	326.5	2967
2426 >E	Niagara 230kV East Voltage	Marcy South S.	47.0	218.5	217.9	2969
2426 >E	Niagara 230kV West Voltage	Marcy South S.	47.0	218.5	217.9	2969
2427 >E	Station 80 345kV Voltage	Marcy South S.	8.5	327.8	325.6	2970
2427 >E	Pannell Road 345kV Voltage	Marcy South S.	7.4	327.8	325.7	2971
2430 >E	New Scotland 345kV Voltage Alps	Pre-Fault	12.0	NA	348	2430
2430 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	12.0	NA	348	2430
2431 >E	Gordon Rd 345kV Voltage	Marcy South N.	11.0	327.8	343.5	3154
2432 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.7	320	325.9	1751
2435 >E	Somerset 345kV Voltage	SBK Edic R70	8.1	327.8	330.9	2332
2437 >E	Oakdale 345kV Voltage	SBK Edic R70	3.7	320	324.7	2333
2438 >E	Fraser 345kV Voltage	Pre-Fault	6.0	NA	338	2438
2439 >E	Somerset 345kV Voltage	Ravenswood 3	11.8	327.8	330.7	2532
2443 >E	Oakdale 345kV Voltage	SBK Edic R945	5.5	320	327.7	1800
2444 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	5.6	320	327.6	1801
2445 >E	Buchanan North 345kV Voltage	Pre-Fault	33.9	NA	346	2445
2450 >E	Oakdale 345kV Voltage	Ravenswood 3	4.8	320	322.2	2543
2450 >E	Gilboa 345kV Voltage	Pre-Fault	12.7	NA	348	2450
2453 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	8.9	327.8	329.6	1755
2457 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.9	320	320.9	2284
2460 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	320	320.2	2430
2461 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	5.0	320	320.1	2426
2461 >E	Gardenville 230kV Voltage	SBK Marcy R3108	21.7	207	221.9	1699
2461 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	5.0	320	320.0	2452

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2472 >E	Gordon Rd 345kV Voltage	Marcy South S.	8.1	327.8	336.3	3013
2475 >E	Oakdale 345kV Voltage	Marcy South S.	5.3	320	317.2	3016
2476 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	13.0	327.8	327.8	2467
2476 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	13.0	327.8	327.8	2446
2477 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	13.0	327.8	327.8	2441
2477 >E	Pleasant Valley 345kV Voltage	Pre-Fault	28.1	NA	348	2477
2478 >E	Somerset 345kV Voltage	SBK Princetown 345	12.9	327.8	327.6	2303
2478 >E	Coopers Corners 345kV Voltage	Pre-Fault	8.3	NA	338	2478
2480 >E	Rock Tavern 345kV Voltage	Pre-Fault	19.2	NA	348	2480
2481 >E	Gordon Rd 345kV Voltage	Volney-Marcy	5.6	327.8	334.7	2298
2483 >E	Niagara 345kV Voltage	Pre-Fault	22.0	NA	338	2483
2487 >E	Watercure 230kV Voltage	SBK Marcy R3108	21.5	207	239.9	1705
2488 >E	Somerset 345kV Voltage	SBK Edic R945	15.5	327.8	330.5	1828
2489 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	15.8	327.8	330.5	1828
2490 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	14.3	327.8	335.4	1705
2491 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.5	327.8	329.2	1763
2495 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.4	327.8	333.9	1764
2498 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	8.4	327.8	333.5	2468
2499 >E	Fraser 345kV Voltage	Marcy South S.	6.0	327.8	327.8	3038
2499 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	6.0	327.8	327.8	2468
2499 >E	Fraser 345kV Voltage	SBK Princetown 345	6.0	327.8	327.8	2322
2499 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	327.8	2463
2499 >E	Fraser 345kV Voltage	SBK Edic R70	6.0	327.8	327.8	2370
2499 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	6.0	327.8	327.8	2490
2499 >E	Fraser 345kV Voltage	Ravenswood 3	6.0	327.8	327.8	2589
2502 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	335.1	1766
2504 >E	Gordon Rd 345kV Voltage	SBK Edic R70	7.5	327.8	332.9	2373
2505 >E	Fraser 345kV Voltage	Volney-Marcy	6.5	327.8	327.8	2299
2509 >E	Somerset 345kV Voltage	Marcy South S.	14.9	327.8	325.3	3048
2513 >E	Gardenville 230kV Voltage	Ph2 DC 1500	15.5	207	213.9	2774
2517 >E	Buchanan South 345kV Voltage	Pre-Fault	33.4	NA	346	2517
2517 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	13.3	327.8	338.1	2777
2518 >E	Fraser 345kV Voltage	SBK Edic R945	7.3	327.8	335.4	1847
2520 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	7.4	327.8	335.3	1847
2527 >E	Niagara 345kV Voltage	Volney-Marcy	10.5	327.8	337.2	2300
2530 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	8.7	327.8	330.2	2494
2532 >E	Gilboa 345kV Voltage	SBK Marcy R3108	15.0	327.8	347.7	1714
2534 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	9.2	327.8	329.8	2525

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2538 >E	Coopers Corners 345kV Voltage	Volney-Marcy	7.2	327.8	331.9	2301
2539 >E	Gordon Rd 345kV Voltage	Ravenswood 3	9.4	327.8	329.2	2628
2541 >E	Coopers Corners 345kV Voltage	Ravenswood 3	8.2	327.8	330.4	2629
2553 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	8.1	327.8	328.9	2370
2558 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	7.3	327.8	334.6	2302
2558 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	7.3	327.8	334.6	2302
2558 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	8.2	327.8	328.3	2521
2559 >E	Gardenville 230kV Voltage	Pre-Fault	34.3	NA	217	2559
2561 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	8.2	327.8	328.0	2529
2562 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	8.3	327.8	327.9	2553
2569 >E	Coopers Corners 345kV Voltage	SBK Edic R945	11.2	327.8	339.1	1878
2571 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	11.3	327.8	339.0	1879
2576 >E	Niagara 345kV Voltage	SBK Edic R70	13.6	327.8	333.8	2417
2576 >E	New Scotland 345kV Voltage Alps	Marcy South S.	10.4	327.8	335.9	3111
2576 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	10.4	327.8	335.9	3111
2590 >E	Coopers Corners 345kV Voltage	SBK Edic R70	8.8	327.8	324.4	2425
2592 >E	Gardenville 230kV Voltage	Volney-Marcy	14.7	207	217.5	2304
2593 >E	Niagara 345kV Voltage	Ph2 DC 1500	33.3	327.8	338.2	2829
2598 >E	Ramapo 345kV Voltage	Pre-Fault	33.0	NA	346	2598
2611 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	15.0	327.8	332.2	1788
2616 >E	Fraser 345kV Voltage	Ph2 DC 1500	13.1	327.8	327.8	2846
2620 >E	Gilboa 345kV Voltage	Marcy South S.	11.1	327.8	334.6	3152
2622 >E	Watercure 230kV Voltage	Volney-Marcy	10.4	207	225.7	2306
2623 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	10.5	327.8	332.0	2584
2623 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	10.5	327.8	332.0	2584
2624 >E	Leeds 345kV Voltage	Pre-Fault	22.5	NA	345	2624
2631 >E	Niagara 345kV Voltage	Ravenswood 3	19.2	327.8	331.3	2715
2631 >E	Ramapo 500kV Voltage	Ph2 DC 1500	55.7	500	506.3	2856
2633 >E	New Scotland 345kV Voltage Alps	Marcy South N.	15.7	327.8	344.3	3287
2633 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	15.7	327.8	344.3	3287
2646 >E	Ladentown 345kV Voltage	Pre-Fault	34.3	NA	346	2646
2648 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	10.9	327.8	329.9	2460
2648 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	10.9	327.8	329.9	2460
2657 >E	Roseton 345kV Voltage	Pre-Fault	29.8	NA	345	2657
2658 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	11.8	327.8	329.1	2740
2658 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	11.8	327.8	329.1	2740
2659 >E	Gilboa 345kV Voltage	Volney-Marcy	11.0	327.8	330.6	2308
2665 >E	Dunwoodie 345kV Voltage	Volney-Marcy	15.6	327.8	327.4	2308
2668 >E	Fraser 345kV Voltage	Marcy South N.	15.5	327.8	327.8	3311
2668 >E	Gardenville 230kV Voltage	SBK Edic R70	19.5	207	213.8	2473

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2670 >E	Sprain Brook 345kV Voltage	Volney-Marcy	15.8	327.8	327.4	2308
2675 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	12.1	327.8	327.6	2665
2675 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	12.1	327.8	327.6	2665
2676 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	11.7	327.8	330.2	1802
2682 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	12.3	327.8	327.0	2649
2682 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	12.3	327.8	327.0	2649
2684 >E	Ramapo 500kV Voltage	Ravenswood 3	62.4	500	505.2	2765
2687 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	12.2	327.8	329.3	2647
2688 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	12.1	327.8	326.6	1804
2688 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	12.1	327.8	326.6	1804
2694 >E	Gilboa 345kV Voltage	SBK Edic R70	12.3	327.8	328.7	2488
2699 >E	Gilboa 345kV Voltage	Ravenswood 3	12.6	327.8	328.4	2779
2700 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	21.3	207	212.9	1807
2701 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	19.2	327.8	343.8	1751
2701 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	19.2	327.8	343.8	1751
2704 >E	Ramapo 500kV Voltage	Volney-Marcy	35.1	500	502.3	2310
2706 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	12.7	327.8	327.8	2696
2707 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	12.7	327.8	327.7	2674
2708 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	22.0	327.8	327.8	2698
2708 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	22.0	327.8	327.8	2674
2709 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	22.1	327.8	327.8	2668
2710 >E	Niagara 345kV Voltage	SBK Princetown 345	22.0	327.8	327.7	2509
2712 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	17.1	327.8	332.4	2912
2714 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	17.1	327.8	336.7	2913
2714 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	17.1	327.8	336.7	2913
2719 >E	Gilboa 345kV Voltage	SBK Princetown 345	12.9	327.8	326.7	2517
2734 >E	Bowline 1 345kV Voltage	Pre-Fault	34.3	NA	345	2734
2734 >E	Watercure 230kV Voltage	Marcy South N.	21.4	207	224.3	3355
2746 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	13.5	327.8	321.7	2541
2746 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	13.5	327.8	321.7	2541
2747 >E	Sprain Brook 345kV Voltage	Ravenswood 3	31.4	327.8	335.5	2825
2747 >E	Millwood 345kV Voltage	Volney-Marcy	17.6	327.8	327.5	2313
2749 >E	Dunwoodie 345kV Voltage	Ravenswood 3	31.9	327.8	335.5	2827
2767 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	46.6	500	504.1	1821
2773 >E	Bowline 2 345kV Voltage	Pre-Fault	36.5	NA	345	2773
2775 >E	Gardenville 230kV Voltage	Ravenswood 3	27.6	207	210.7	2851
2779 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	16.4	327.8	332.4	1823

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2780 >E	Buchanan North 345kV Voltage	Volney-Marcy	19.6	327.8	328.0	2315
2784 >E	Niagara 345kV Voltage	SBK Edic R945	27.5	327.8	334.4	2011
2791 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	28.0	327.8	334.3	2014
2793 >E	Niagara 345kV Voltage	Marcy South S.	26.2	327.8	324.0	3316
2796 >E	Rock Tavern 345kV Voltage	Ravenswood 3	18.6	327.8	331.6	2871
2797 >E	Ramapo 500kV Voltage	SBK Edic R945	50.5	500	504.3	2019
2801 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	51.0	500	504.3	2020
2809 >E	Gilboa 345kV Voltage	SBK Edic R945	17.5	327.8	336.4	2027
2812 >E	Buchanan South 345kV Voltage	Volney-Marcy	19.1	327.8	327.6	2316
2812 >E	Millwood 345kV Voltage	Ravenswood 3	29.0	327.8	335.2	2887
2813 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	17.7	327.8	336.3	2028
2819 >E	Niagara 345kV Voltage	Marcy South N.	39.1	327.8	339.0	3411
2822 >E	Rock Tavern 345kV Voltage	Volney-Marcy	17.4	327.8	329.9	2317
2824 >E	Buchanan North 345kV Voltage	Ravenswood 3	29.6	327.8	334.8	2898
2855 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	18.8	327.8	328.5	2810
2857 >E	Gardenville 230kV Voltage	Marcy South N.	40.8	207	218.9	3436
2858 >E	Ramapo 500kV Voltage	SBK Marcy R3108	84.5	500	506.4	1785
2858 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	20.0	327.8	328.4	2319
2861 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	19.5	327.8	330.5	2058
2861 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	19.5	327.8	330.5	2058
2864 >E	Gordon Rd 345kV Voltage	SBK Edic R945	20.0	327.8	316.4	2060
2864 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	19.7	327.8	330.4	2059
2864 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	19.7	327.8	330.4	2059
2865 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	19.2	327.8	328.0	2646
2867 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	19.2	327.8	327.9	2831
2867 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	20.1	327.8	316.2	2061
2868 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	19.2	327.8	327.8	2857
2873 >E	Buchanan South 345kV Voltage	Ravenswood 3	28.9	327.8	335.3	2944
2885 >E	Gardenville 230kV Voltage	SBK Edic R945	34.8	207	214.7	2073
2892 >E	Gardenville 230kV Voltage	SBK Princetown 345	33.8	207	207.3	2670
2894 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	35.4	207	214.6	2077
2901 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	34.2	207	207.1	2864
2901 >E	Leeds 345kV Voltage	Marcy South S.	20.0	327.8	332.7	3418
2901 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	34.3	207	207.0	2856
2902 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	34.3	207	207.0	2891
2917 >E	Leeds 345kV Voltage	Volney-Marcy	19.2	327.8	327.8	2322
2926 >E	Rock Tavern 345kV Voltage	SBK Edic R70	20.9	327.8	324.8	2629
2933 >E	Gilboa 345kV Voltage	Ph2 DC 1500	23.6	327.8	331.7	3065
2938 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	26.8	327.8	331.6	3006

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2943 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	53.6	218.5	227.6	1803
2948 >E	St.Lawrence 230kV Voltage	Volney-Marcy	39.0	218.5	226.8	2324
2960 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	29.2	327.8	330.8	1861
2964 >E	Ramapo 345kV Voltage	Volney-Marcy	23.4	327.8	328.5	2325
2966 >E	Gilboa 345kV Voltage	Marcy South N.	24.8	327.8	335.6	3508
2970 >E	Watercure 230kV Voltage	Ph2 DC 1500	30.6	207	222.0	3091
2988 >E	Ramapo 345kV Voltage	Ravenswood 3	29.3	327.8	334.2	3054
2996 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	34.8	327.8	328.6	2949
2997 >E	Ladentown 345kV Voltage	Volney-Marcy	23.6	327.8	327.8	2327
2997 >E	Roseton 345kV Voltage	Volney-Marcy	23.1	327.8	328.7	2327
3000 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	34.2	327.8	328.5	1869
3001 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	66.8	500	500.8	2953
3003 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	35.3	327.8	328.6	2955
3004 >E	Ladentown 345kV Voltage	Ravenswood 3	29.0	327.8	335.5	3069
3008 >E	Pleasant Valley 345kV Voltage	Marcy South S.	29.6	327.8	329.1	3519
3009 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	34.8	327.8	328.4	1871
3009 >E	Watercure 230kV Voltage	SBK Edic R945	26.6	207	226.8	2150
3010 >E	Marcy 345kV Voltage	SBK Marcy R3108	15.0	327.8	293.7	1817
3011 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	22.5	327.8	327.8	2963
3011 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	22.5	327.8	327.8	1872
3011 >E	Leeds 345kV Voltage	SBK Edic R70	22.5	327.8	327.8	2680
3011 >E	Leeds 345kV Voltage	SBK Princetown 345	22.5	327.8	327.8	2776
3011 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	22.5	327.8	327.8	3000
3011 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	22.5	327.8	327.8	2973
3011 >E	Leeds 345kV Voltage	Ravenswood 3	22.5	327.8	327.8	3076
3012 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	26.9	327.8	329.0	2964
3018 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	30.6	327.8	329.0	1873
3023 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	31.5	327.8	328.8	2974
3025 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	27.3	207	226.6	2158
3026 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	36.3	327.8	327.8	3014
3027 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	32.3	327.8	328.8	2978
3028 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	36.4	327.8	327.7	2989
3030 >E	Gardenville 230kV Voltage	Marcy South S.	43.2	207	203.3	3540
3033 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	36.9	327.8	327.8	3021
3036 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	37.0	327.8	327.7	2997
3043 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	29.6	327.8	330.2	1878
3047 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	28.2	327.8	327.7	3036
3048 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	27.4	327.8	332.4	1879

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3050 >E	Bowline 1 345kV Voltage	Ravenswood 3	29.0	327.8	335.8	3113
3052 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	28.3	327.8	327.6	3013
3052 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	37.3	327.8	327.1	2812
3052 >E	Ramapo 500kV Voltage	SBK Edic R70	72.0	500	500.1	2705
3054 >E	Ramapo 500kV Voltage	SBK Princetown 345	73.0	500	500.1	2814
3057 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	72.4	500	500.1	3018
3058 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	33.1	327.8	327.8	3046
3060 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	72.5	500	500.0	3048
3060 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	37.9	327.8	327.1	2819
3061 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	33.2	327.8	327.7	3021
3061 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	33.9	327.8	327.8	3050
3062 >E	Ramapo 500kV Voltage	Pre-Fault	72.6	NA	500	3062
3063 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	33.9	327.8	327.8	3023
3063 >E	Bowline 2 345kV Voltage	Ravenswood 3	29.0	327.8	337.1	3125
3063 >E	Roseton 345kV Voltage	Ravenswood 3	28.5	327.8	331.4	3125
3073 >E	Bowline 1 345kV Voltage	Volney-Marcy	25.0	327.8	326.8	2331
3074 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	28.3	327.8	326.8	1885
3079 >E	Buchanan North 345kV Voltage	SBK Princetown 345	34.6	327.8	327.3	2836
3082 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	31.6	327.8	329.1	3032
3082 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	29.4	327.8	326.5	2723
3084 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	29.1	327.8	326.4	2840
3087 >E	Millwood 345kV Voltage	SBK Princetown 345	34.1	327.8	326.9	2843
3096 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	27.9	327.8	332.9	1890
3098 >E	St.Lawrence 230kV Voltage	Pre-Fault	84.7	NA	225	3098
3099 >E	Sprain Brook 345kV Voltage	SBK Edic R70	39.8	327.8	325.8	2733
3107 >E	Dunwoodie 345kV Voltage	SBK Edic R70	40.4	327.8	325.8	2738
3108 >E	Bowline 2 345kV Voltage	Volney-Marcy	25.9	327.8	327.8	2333
3119 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	27.8	327.8	329.5	1894
3124 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	33.4	327.8	327.8	3113
3127 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	33.5	327.8	327.7	3087
3135 >E	Millwood 345kV Voltage	SBK Edic R70	36.3	327.8	325.5	2755
3140 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	27.9	327.8	333.2	1899
3144 >E	Buchanan North 345kV Voltage	SBK Edic R70	37.4	327.8	325.4	2761
3147 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	29.0	327.8	328.6	3095
3153 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	27.8	327.8	334.6	1901
3154 >E	Buchanan South 345kV Voltage	SBK Princetown 345	34.4	327.8	326.9	2902

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3155 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	31.3	327.8	329.1	3104
3171 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	29.9	327.8	327.8	3159
3173 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	29.9	327.8	327.7	3132
3187 >E	Roseton 345kV Voltage	SBK Princetown 345	30.2	327.8	327.3	2932
3199 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	33.0	327.8	327.8	3186
3199 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	33.1	327.8	327.8	3158
3199 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	34.4	207	233.0	1911
3200 >E	Rock Tavern 345kV Voltage	SBK Edic R945	34.9	327.8	338.8	2268
3207 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	35.2	327.8	338.7	2270
3208 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	32.0	327.8	329.6	3155
3215 >E	Ramapo 345kV Voltage	SBK Princetown 345	33.7	327.8	327.3	2957
3216 >E	Buchanan South 345kV Voltage	SBK Edic R70	37.0	327.8	325.1	2804
3228 >E	Watercure 230kV Voltage	SBK Edic R70	35.0	207	233.0	2812
3234 >E	Roseton 345kV Voltage	SBK Edic R70	31.8	327.8	325.7	2815
3245 >E	Ramapo 500kV Voltage	Marcy South N.	96.1	500	501.9	3692
3259 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	32.0	327.8	329.7	3205
3268 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	34.2	327.8	327.8	3256
3270 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	34.3	327.8	327.8	3227
3270 >E	Sprain Brook 345kV Voltage	Marcy South S.	49.5	327.8	321.0	3767
3276 >E	Dunwoodie 345kV Voltage	Marcy South S.	50.2	327.8	321.2	3772
3300 >E	Ladentown 345kV Voltage	SBK Princetown 345	35.4	327.8	326.9	3032
3305 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	60.7	218.5	222.6	1933
3305 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	33.1	327.8	330.4	3250
3309 >E	Ramapo 345kV Voltage	SBK Edic R70	36.9	327.8	324.5	2861
3323 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	34.2	327.8	327.8	3310
3324 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	34.3	327.8	327.8	3281
3326 >E	Millwood 345kV Voltage	Marcy South S.	46.1	327.8	319.7	3819
3354 >E	Leeds 345kV Voltage	Marcy South N.	36.6	327.8	340.4	3765
3355 >E	Bowline 1 345kV Voltage	SBK Princetown 345	35.4	327.8	326.9	3081
3382 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	44.5	327.8	335.1	1898
3398 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	36.4	327.8	327.9	3385
3401 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	36.5	327.8	327.8	3356
3402 >E	Ladentown 345kV Voltage	SBK Edic R70	38.9	327.8	324.0	2917
3453 >E	Bowline 2 345kV Voltage	SBK Princetown 345	38.3	327.8	326.4	3168
3470 >E	Bowline 1 345kV Voltage	SBK Edic R70	39.1	327.8	323.5	2958
3483 >E	Coopers Corners 345kV Voltage	Marcy South N.	37.3	327.8	304.9	3850

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3485 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	44.7	327.8	331.7	3447
3486 >E	Roseton 345kV Voltage	Marcy South S.	41.1	327.8	317.2	3970
3545 >E	Buchanan North 345kV Voltage	SBK Edic R945	60.0	327.8	335.0	2481
3552 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	60.4	327.8	334.9	2482
3580 >E	Buchanan South 345kV Voltage	Marcy South S.	52.3	327.8	314.2	4059
3585 >E	St.Lawrence 230kV Voltage	Ravenswood 3	81.8	218.5	219.3	3621
3585 >E	Bowline 2 345kV Voltage	SBK Edic R70	42.7	327.8	322.8	3028
3598 >E	St.Lawrence 230kV Voltage	SBK Edic R70	82.5	218.5	219.1	3036
3613 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	51.8	327.8	330.9	3536
3623 >E	Leeds 345kV Voltage	Ph2 DC 1500	44.8	327.8	327.8	3543
3626 >E	Ramapo 345kV Voltage	SBK Edic R945	52.2	327.8	337.5	2531
3634 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	52.5	327.8	337.4	2533
3651 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	84.8	218.5	218.5	3637
3657 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	85.2	218.5	218.4	3608
3660 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	85.4	218.5	218.4	3596
3690 >E	Leeds 345kV Voltage	SBK Edic R945	47.5	327.8	327.8	2571
3690 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	47.5	327.8	327.8	2567
3696 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	87.5	218.5	217.9	3383
3721 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	69.3	327.8	333.2	3610
3724 >E	Buchanan North 345kV Voltage	Marcy South S.	61.1	327.8	308.3	4195
3744 >E	Coopers Corners 345kV Voltage	Marcy South S.	33.2	327.8	185.0	4214
3786 >E	Rock Tavern 345kV Voltage	Marcy South S.	44.9	327.8	280.1	4254
3806 >E	St.Lawrence 230kV Voltage	Marcy South S.	93.5	218.5	216.6	4272
3892 >E	Millwood 345kV Voltage	Ph2 DC 1500	72.6	327.8	331.9	3729
3924 >E	Ramapo 500kV Voltage	Marcy South S.	167.5	500	488.1	4384
3925 >E	Buchanan South 345kV Voltage	SBK Edic R945	70.5	327.8	335.6	2716
3926 >E	Pleasant Valley 345kV Voltage	Marcy South N.	68.7	327.8	336.2	4143
3932 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	70.9	327.8	335.5	2716
3935 >E	Ladentown 345kV Voltage	SBK Edic R945	61.8	327.8	339.3	2723
3943 >E	Millwood 345kV Voltage	SBK Edic R945	76.9	327.8	333.7	2728
3947 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	62.3	327.8	339.2	2725
3950 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	77.3	327.8	333.7	2727
3956 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	71.1	327.8	333.2	3773
3956 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	85.8	327.8	331.0	3773
3969 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	86.6	327.8	330.9	3782
3976 >E	Ramapo 345kV Voltage	Ph2 DC 1500	67.0	327.8	334.5	3787
3989 >E	Sprain Brook 345kV Voltage	SBK Edic R945	91.2	327.8	332.6	2756
3994 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	67.3	327.8	330.5	2759
3995 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	91.5	327.8	332.6	2754
3998 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	67.5	327.8	330.4	2757

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4007 >E	Roseton 345kV Voltage	SBK Edic R945	62.4	327.8	335.0	2767
4008 >E	Dunwoodie 345kV Voltage	SBK Edic R945	92.6	327.8	332.5	2768
4014 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	92.9	327.8	332.4	2766
4015 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	62.7	327.8	334.9	2767
4041 >E	Roseton 345kV Voltage	Ph2 DC 1500	62.8	327.8	331.2	3832
4043 >E	Rainey 345kV Voltage	Ravenswood 3	79.2	327.8	340.7	4056
4111 >E	St.Lawrence 230kV Voltage	SBK Edic R945	115.2	218.5	225.6	2832
4125 >E	Rainey 345kV Voltage	Volney-Marcy	64.5	327.8	327.4	2390
4137 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	116.9	218.5	225.5	2842
4137 >E	Farragut 345kV Voltage	Ravenswood 3	83.5	327.8	339.9	4146
4162 >E	Ladentown 345kV Voltage	Ph2 DC 1500	70.8	327.8	335.6	3916
4175 >E	Leeds 345kV Voltage	SBK Marcy R3108	64.7	327.8	327.8	2069
4176 >E	Bowline 2 345kV Voltage	SBK Edic R945	66.0	327.8	342.4	2872
4186 >E	Farragut 345kV Voltage	Volney-Marcy	68.2	327.8	327.4	2394
4190 >E	Bowline 1 345kV Voltage	SBK Edic R945	67.7	327.8	341.2	2880
4190 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	66.5	327.8	342.3	2874
4204 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	68.2	327.8	341.1	2883
4281 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	71.1	327.8	337.6	3998
4287 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	80.6	327.8	329.4	2093
4292 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	138.2	218.5	225.9	4005
4314 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	98.8	327.8	333.3	2099
4368 >E	Rainey 345kV Voltage	Pre-Fault	118.9	NA	338	4368
4373 >E	Farragut 345kV Voltage	Pre-Fault	123.3	NA	338	4373
4389 >E	Ramapo 345kV Voltage	Marcy South S.	73.4	327.8	291.8	4823
4397 >E	Ladentown 345kV Voltage	Marcy South S.	72.6	327.8	294.9	4830
4427 >E	Roseton 345kV Voltage	SBK Marcy R3108	79.2	327.8	331.9	2123
4444 >E	Ramapo 345kV Voltage	SBK Marcy R3108	87.1	327.8	335.9	2127
4455 >E	St.Lawrence 230kV Voltage	Marcy South N.	141.3	218.5	227.7	4493
4492 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	77.5	327.8	336.1	4144
4742 >E	Bowline 1 345kV Voltage	Marcy South S.	80.9	327.8	286.4	5157
4760 >E	Bowline 2 345kV Voltage	Marcy South S.	80.3	327.8	290.6	5173
4763 >E	Millwood 345kV Voltage	SBK Marcy R3108	114.8	327.8	329.5	2195
4774 >E	Goethals 345kV Voltage	Volney-Marcy	91.9	327.8	327.3	2427
4807 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	109.3	327.8	331.5	2205
4855 >E	Roseton 345kV Voltage	Marcy South N.	92.1	327.8	330.7	4757
4888 >E	Rock Tavern 345kV Voltage	Marcy South N.	88.7	327.8	316.0	4779
4891 >E	Goethals 345kV Voltage	Ravenswood 3	113.6	327.8	338.6	4862
4915 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	138.0	327.8	328.3	2228
4930 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	139.1	327.8	328.1	2231
4940 >E	Ladentown 345kV Voltage	SBK Marcy R3108	101.7	327.8	335.5	2234
4979 >E	Millwood 345kV Voltage	Marcy South N.	124.5	327.8	329.8	4839

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\MSU1_OS\Sum2023_CEVC_Ph2_20_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4986 >E	Goethals 345kV Voltage	Pre-Fault	165.2	NA	338	4986
5112 >E	Sprain Brook 345kV Voltage	Marcy South N.	148.7	327.8	328.9	4927
5114 >E	Dunwoodie 345kV Voltage	Marcy South N.	149.5	327.8	329.0	4928
5188 >E	Buchanan North 345kV Voltage	Marcy South N.	132.3	327.8	325.9	4978
5352 >E	Buchanan South 345kV Voltage	Marcy South N.	129.8	327.8	328.5	5086
5364 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	111.4	327.8	336.0	2325
5404 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	111.1	327.8	336.1	2333
5413 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	112.2	327.8	329.2	2373
5438 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	113.7	327.8	329.0	5331
5457 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	116.2	327.8	329.2	2382
5485 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	117.8	327.8	329.0	5377
5584 >E	Rainey 345kV Voltage	Princeton-N.Scot 345	119.0	327.8	327.8	5560
5595 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	119.4	327.8	327.7	5515
5632 >E	Farragut 345kV Voltage	Princeton-N.Scot 345	123.3	327.8	327.8	5608
5644 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	123.7	327.8	327.7	5563
5689 >E	Rainey 345kV Voltage	SBK Princeton 345	122.6	327.8	326.9	5150
5738 >E	Farragut 345kV Voltage	SBK Princeton 345	127.0	327.8	326.9	5194
5929 >E	Rainey 345kV Voltage	SBK Edic R70	131.4	327.8	324.9	4447
5984 >E	Farragut 345kV Voltage	SBK Edic R70	136.2	327.8	324.9	4480
5991 >E	Ramapo 345kV Voltage	Marcy South N.	138.0	327.8	322.5	5509
6374 >E	Ladentown 345kV Voltage	Marcy South N.	148.1	327.8	324.4	5762
6443 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	155.9	327.8	329.2	2587
6479 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	157.9	327.8	329.0	6347
6674 >E	Goethals 345kV Voltage	Princeton-N.Scot 345	165.3	327.8	327.8	6645
6690 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	165.9	327.8	327.7	6593
6814 >E	Goethals 345kV Voltage	SBK Princeton 345	170.4	327.8	326.9	6148
6844 >E	Rainey 345kV Voltage	Marcy South S.	165.4	327.8	317.2	7141
6916 >E	Farragut 345kV Voltage	Marcy South S.	171.5	327.8	317.4	7209
7048 >E	Bowline 1 345kV Voltage	Marcy South N.	164.1	327.8	324.1	6207
7097 >E	Bowline 2 345kV Voltage	Marcy South N.	163.3	327.8	324.0	6240
7149 >E	Goethals 345kV Voltage	SBK Edic R70	183.1	327.8	324.9	5186
8385 >E	Goethals 345kV Voltage	Marcy South S.	230.7	327.8	317.4	8596
8701 >E	Watercure 230kV Voltage	Ravenswood 3	269.1	207	242.3	8481
9239 >E	Rainey 345kV Voltage	Ph2 DC 1500	253.9	327.8	334.3	7430
9286 >E	Farragut 345kV Voltage	Ph2 DC 1500	261.2	327.8	334.3	7463
9989 >E	Rainey 345kV Voltage	SBK Edic R945	282.9	327.8	335.5	6465
10028 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	284.4	327.8	335.4	6465

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\MSU1_OS\Sum2023_CEVC_Ph2_20_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
10070 >E	Farragut 345kV Voltage	SBK Edic R945	291.9	327.8	335.4	6516
10101 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	293.1	327.8	335.3	6510
10105 >E	Northport 138kV Voltage	Pre-Fault	872.7	NA	135	10105
11232 >E	Goethals 345kV Voltage	Ph2 DC 1500	340.3	327.8	335.1	8809
11859 >E	Northport 138kV Voltage	Ravenswood 3	759.6	131.1	133.0	11481
12604 >E	Goethals 345kV Voltage	SBK Edic R945	393.9	327.8	335.5	8082
12640 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	395.3	327.8	335.4	8072
13077 >E	Northport 138kV Voltage	N.Scot-Leeds 345	839.0	131.1	131.6	12785
13143 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	842.8	131.1	131.5	3984
13496 >E	Northport 138kV Voltage	Princetown-N.Scot 345	871.7	131.1	131.1	13436
13536 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	874.8	131.1	131.1	13331
13786 >E	Northport 138kV Voltage	SBK Princetown 345	893.8	131.1	130.8	12330
14523 >E	Northport 138kV Voltage	SBK Edic R70	951.4	131.1	129.9	9651
14868 >E	Rainey 345kV Voltage	Marcy South N.	461.2	327.8	330.0	11379
14993 >E	Farragut 345kV Voltage	Marcy South N.	475.6	327.8	330.0	11462
15141 >E	Rainey 345kV Voltage	SBK Marcy R3108	470.3	327.8	329.4	4432
15311 >E	Farragut 345kV Voltage	SBK Marcy R3108	486.5	327.8	329.4	4469
16553 >E	Northport 138kV Voltage	Marcy South S.	1111.9	131.1	127.6	16308
19357 >E	Goethals 345kV Voltage	Marcy South N.	650.8	327.8	330.0	14348
19817 >E	Goethals 345kV Voltage	SBK Marcy R3108	667.2	327.8	329.1	5440
24339	Northport 138kV Voltage	Ph2 DC 1500	1733.5	131.1	136.6	17883

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

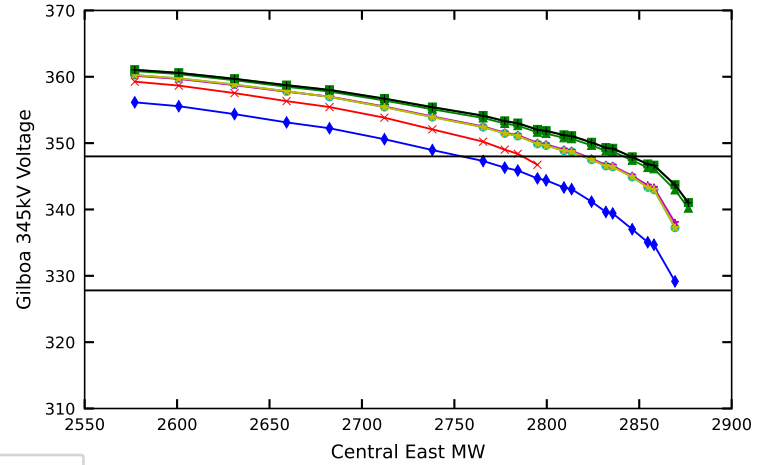
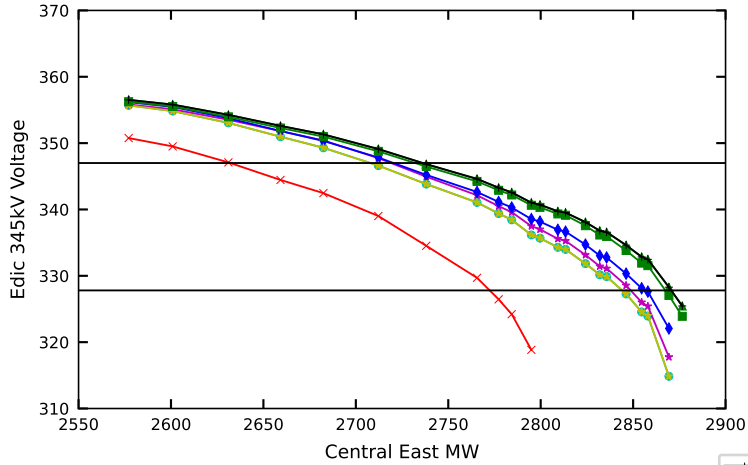
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\20\MSU1_OS\Sum2023_CEVC_Ph2_20_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2070 MS710 DE2250 20 MSU1 OS

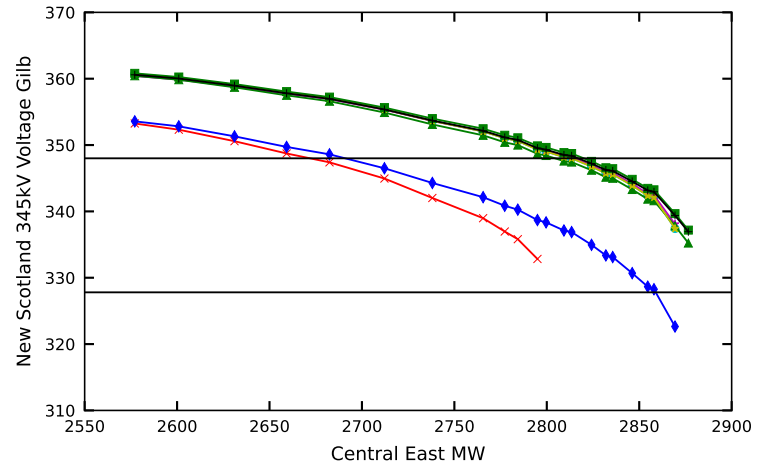
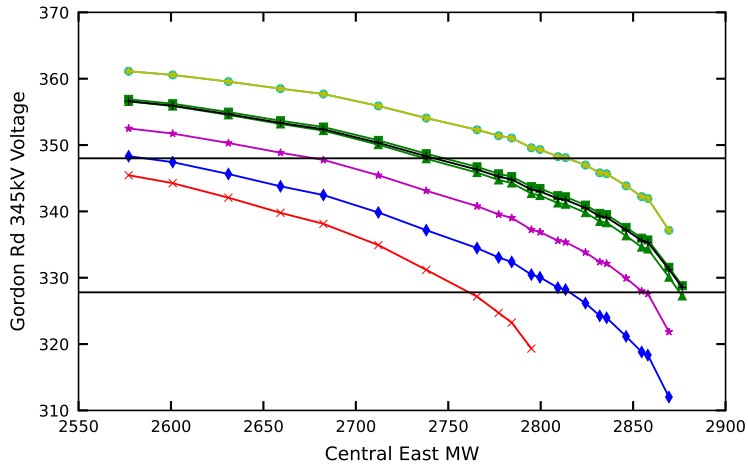
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
36325	Northport 138kV Voltage	SBK Edic R945	2662.2	131.1	135.2	22749
>E						
36531	Northport 138kV Voltage	Edic-Gordon Rd. 345	2678.4	131.1	135.1	22767
>E						
43968	Northport 138kV Voltage	SBK Marcy R3108	3280.2	131.1	130.4	10645
>E						
64513	Northport 138kV Voltage	Marcy South N.	4899.3	131.1	131.2	44211
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

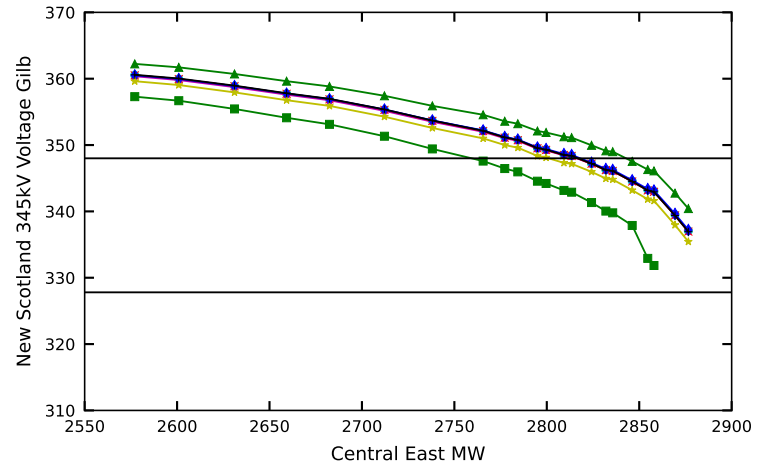
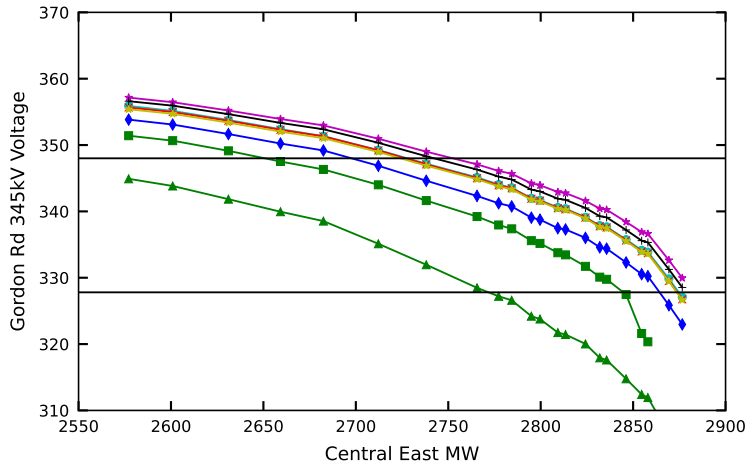
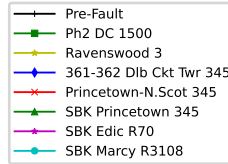
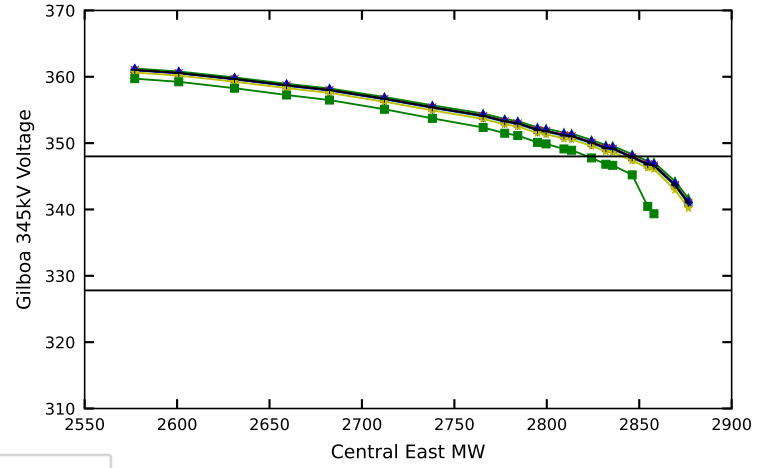
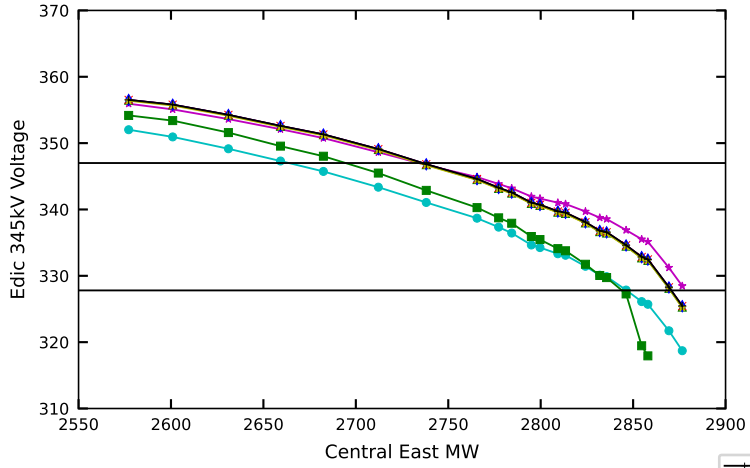
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A Figure 1



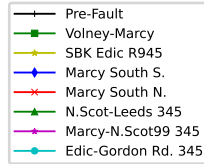
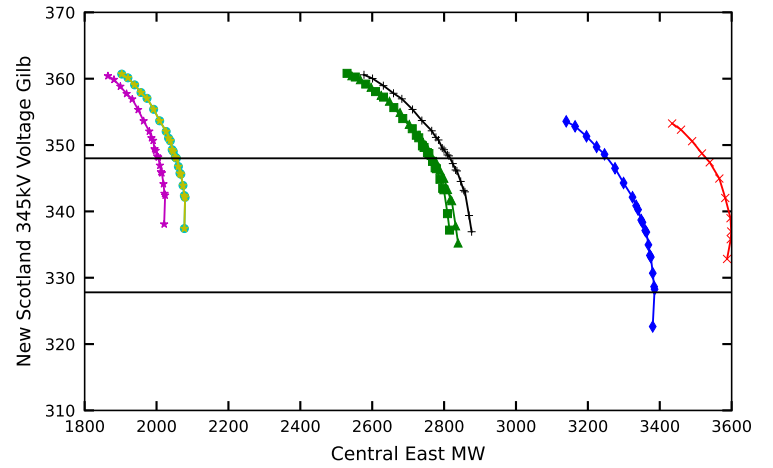
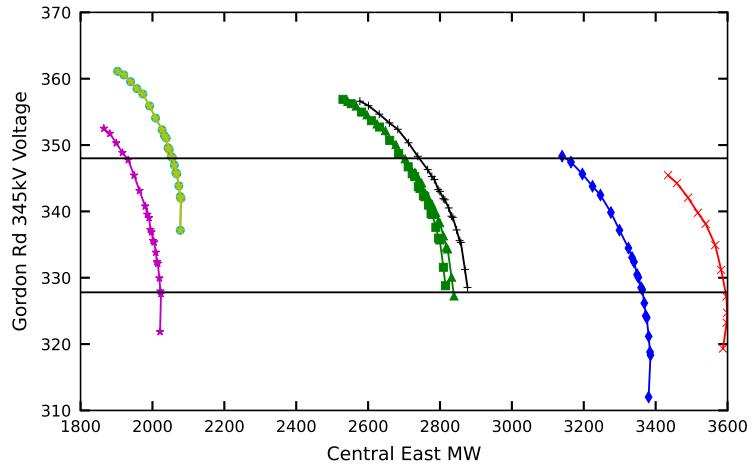
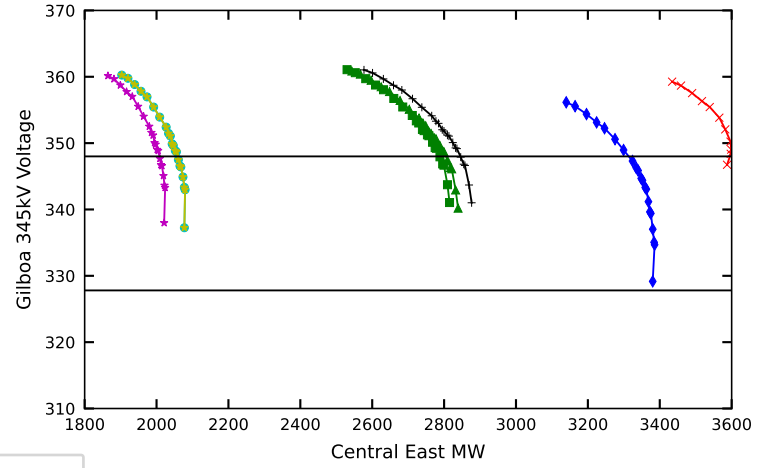
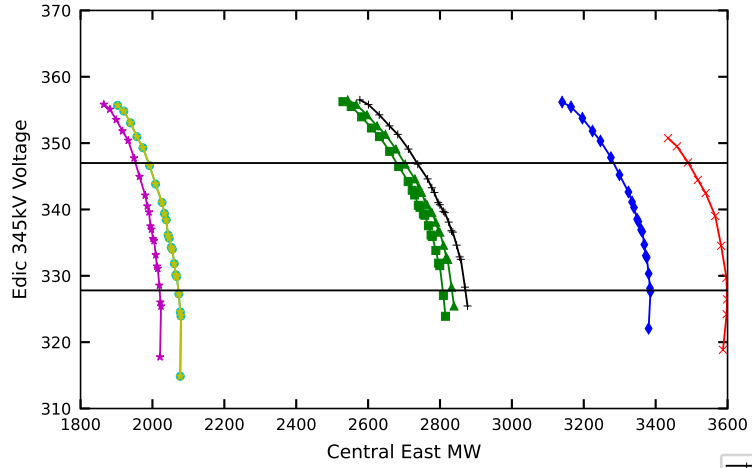
- +— Pre-Fault
- Volney-Marcy
- SBK Edic R945
- ◆— Marcy South S.
- ×— Marcy South N.
- ▲— N.Scot-Leeds 345
- ◇— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



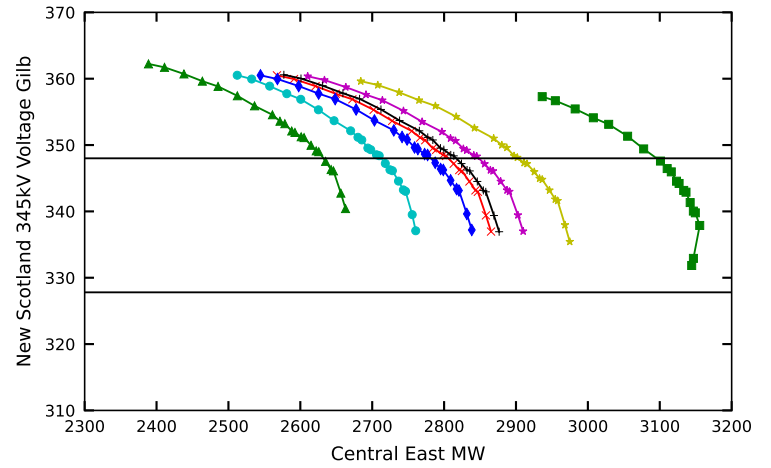
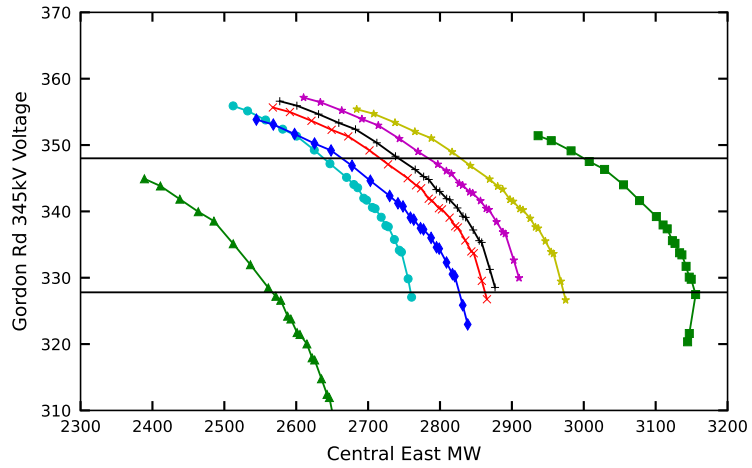
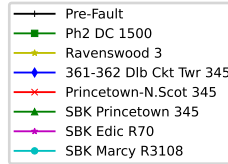
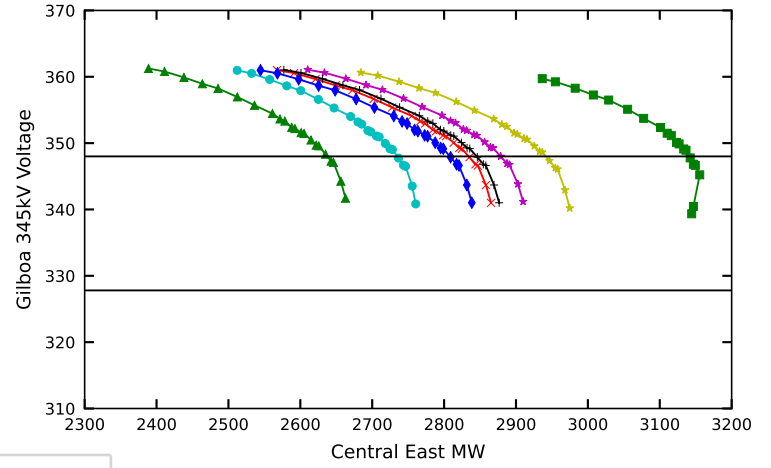
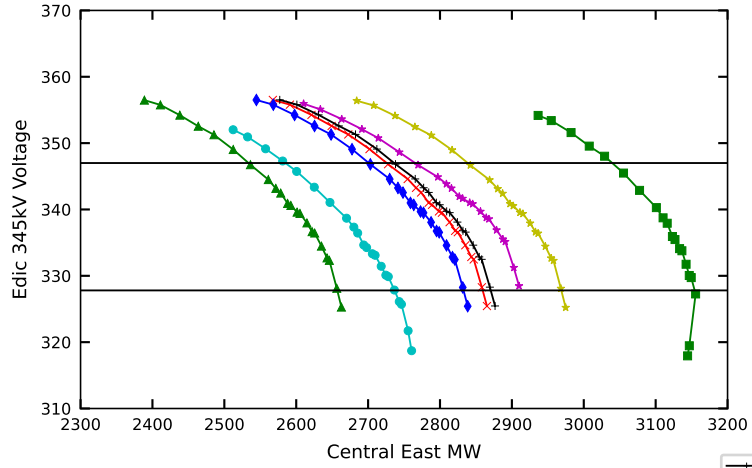
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A Figure 2



1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A Figure 1



1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A Figure 2



Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\0A\Sum2023_CEVC_PH2_30_0A.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Interface: Central East

Transfer r MW	bas e	ce0 1	ce0 2	ce0 3	ce0 7	ce0 8	ce1 1	ce1 3	ce1 5	ce2 0	ce3 0	ce3 1	ce3 2	log0 9	log1 5
2577	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2600	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2631	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2659	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2682	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2712	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2738	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2765	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2777	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2784	t1 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2794	t1 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2799	t1 2	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2809	t1 3	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2813	t1 4	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2824	t1 5	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2831	t1 6	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2835	t1 7	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2846	t1 8	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2854	t1 9	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2857	t2 0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2869	t2 1	0	0	0	0	2	0	0	0	0	0	0	0	0	2
2876	t2 2	0	2	2	0	2	2	2	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\0A\Sum2023_CEVC_PH2_30_0A.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Interface: Central East

	t	t	t	t	t	t	t	t	t	t1	t1	t1	t1	t1	t1	t1	t1	t1	t1	t2	t2	t2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princeton 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princeton-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-30-2023 16:42

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\0A\Sum2023_CEVC_PH2_3O_0A.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 3O 0A

Interface: Central East

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2471 <E	Dunwoodie 345kV Voltage	Pre-Fault	89.4	NA	348	2471
2481 <E	Sprain Brook 345kV Voltage	Pre-Fault	89.5	NA	348	2481
2638	limit with 5% margin	Marcy South N.	NA	NA	NA	3418
2698	Millwood 345kV Voltage	Pre-Fault	56.2	NA	348	2698
2703	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2997
2715	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1975
2715	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1922
2715	limit with 5% margin	Marcy South S.	NA	NA	NA	3216
2715	limit with 5% margin	SBK Edic R945	NA	NA	NA	1975
2724	Marcy 345kV Voltage	Pre-Fault	11.3	NA	348	2724
2732	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2696
2732	limit with 5% margin	Volney-Marcy	NA	NA	NA	2674
2732	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2622
2732	limit with 5% margin	SBK Edic R70	NA	NA	NA	2764
2732	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2529
2732	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2722
2732	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2696
2732	limit with 5% margin	Ravenswood 3	NA	NA	NA	2826
2736	Edic 345kV Voltage	Pre-Fault	11.4	NA	347	2736
2742	Gordon Rd 345kV Voltage	Pre-Fault	13.7	NA	348	2742
2761	Gordon Rd 345kV Voltage	Marcy South N.	6.8	327.8	346.6	3594
2770	Buchanan North 345kV Voltage	Pre-Fault	42.8	NA	346	2770
2771	Gordon Rd 345kV Voltage	SBK Princetown 345	9.2	327.8	345.7	2566
2772	Edic 345kV Voltage	Marcy South N.	3.6	327.8	343.8	3597
2773	Marcy 345kV Voltage	Marcy South N.	3.6	327.8	343.7	3598
2798 >E	Clay 345kV Voltage	Marcy South N.	4.5	327.8	346.6	3602
2806 >E	Oakdale 345kV Voltage	Marcy South N.	4.3	320	344.7	3603
2815	Gordon Rd 345kV Voltage	Marcy South S.	5.3	327.8	341.5	3363
2816	Pannell Road 345kV Voltage	Pre-Fault	11.1	NA	346	2816
2816	New Scotland 345kV Voltage Alps	Pre-Fault	9.2	NA	348	2816
2816	New Scotland 345kV Voltage Gilb	Pre-Fault	9.2	NA	348	2816
2817	Station 80 345kV Voltage	Pre-Fault	10.0	NA	346	2817
2818	Pleasant Valley 345kV Voltage	Pre-Fault	15.9	NA	348	2818
2822	Clay 345kV Voltage	Pre-Fault	10.9	NA	345	2822
2828	Rock Tavern 345kV Voltage	Pre-Fault	16.2	NA	348	2828
2830 >E	New Scotland 345kV Voltage Alps	Marcy South N.	5.8	327.8	346.6	3607
2830 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	5.8	327.8	346.6	3607
2839	Buchanan South 345kV Voltage	Pre-Fault	19.4	NA	346	2839
2842	Marcy 345kV Voltage	SBK Edic R945	4.0	327.8	335.3	2071
2842	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.0	327.8	335.3	2071

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2843	Edic 345kV Voltage	Ph2 DC 1500	4.3	327.8	335.0	3154
2844	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.0	327.8	335.0	2072
2844	Edic 345kV Voltage	SBK Edic R945	4.1	327.8	335.0	2072
2844	Marcy 345kV Voltage	Ph2 DC 1500	4.3	327.8	334.8	3154
2844	Gordon Rd 345kV Voltage	Ph2 DC 1500	4.6	327.8	337.5	3154
2845	Gilboa 345kV Voltage	Pre-Fault	8.2	NA	348	2845
2846 >E	Pannell Road 345kV Voltage	Marcy South N.	7.0	327.8	344.2	3609
2846	Edic 345kV Voltage	SBK Marcy R3108	4.8	327.8	334.6	2736
2848	Edic 345kV Voltage	Marcy-N.Scot99 345	3.3	327.8	334.1	2020
2851	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.3	327.8	333.4	2021
2854	Ramapo 500kV Voltage	Ravenswood 3	5.5	500	504.8	2954
2856	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	8.8	327.8	335.5	2022
2856	Edic 345kV Voltage	Marcy South S.	6.7	327.8	332.6	3385
2858 >E	Marcy 345kV Voltage	Marcy South S.	6.7	327.8	332.3	3385
2862 >E	New Scotland 345kV Voltage Alps	Marcy South S.	8.7	327.8	342.7	3387
2862 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	8.7	327.8	342.7	3387
2862	Coopers Corners 345kV Voltage	Pre-Fault	3.5	NA	338	2862
2862	Leeds 345kV Voltage	Pre-Fault	3.8	NA	345	2862
2863	Fraser 345kV Voltage	Pre-Fault	2.8	NA	338	2863
2864	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	2.6	327.8	333.1	2826
2864	Oakdale 345kV Voltage	Pre-Fault	2.9	NA	335	2864
2867	Edic 345kV Voltage	Volney-Marcy	2.5	327.8	329.0	2807
2868	Marcy 345kV Voltage	Volney-Marcy	2.5	327.8	328.6	2808
2870	Edic 345kV Voltage	Ravenswood 3	2.5	327.8	328.0	2968
2870	Edic 345kV Voltage	SBK Princetown 345	2.5	327.8	328.0	2657
2870	Marcy 345kV Voltage	Ravenswood 3	2.5	327.8	327.8	2968
2870	Marcy 345kV Voltage	SBK Princetown 345	2.5	327.8	327.8	2657
2870	Marcy 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	327.8	2832
2870	Marcy 345kV Voltage	SBK Marcy R3108	2.5	327.8	327.8	2756
2870	Marcy 345kV Voltage	SBK Edic R70	2.5	327.8	327.8	2903
2870	Marcy 345kV Voltage	Princetown-N.Scot 345	2.5	327.8	327.8	2859
2870	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	2.5	327.8	327.8	2832
2870	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.5	327.8	327.8	2832
2870	Edic 345kV Voltage	Princetown-N.Scot 345	2.5	327.8	327.8	2859
2870	Edic 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	327.8	2833
2872	Ramapo 345kV Voltage	Pre-Fault	12.2	NA	346	2872
2873 >E	Station 80 345kV Voltage	Marcy South N.	8.2	327.8	343.4	3614
2873	Gordon Rd 345kV Voltage	Ravenswood 3	2.6	327.8	329.7	2972

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2873	Gordon Rd 345kV Voltage	Princeton-N.Scot 345	2.6	327.8	329.6	2862
2874	Gordon Rd 345kV Voltage	SBK Marcy R3108	2.6	327.8	329.3	2759
2875	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	329.1	2837
2876 >E	Ramapo 500kV Voltage	SBK Princeton 345	3.9	500	500.3	2663
2877 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	3.9	500	500.2	2839
2877 >E	Ramapo 500kV Voltage	Volney-Marcy	3.9	500	500.1	2815
2877 >E	Ramapo 500kV Voltage	SBK Marcy R3108	3.9	500	500.1	2761
2877 >E	Ramapo 500kV Voltage	SBK Edic R70	3.9	500	500.1	2911
2877 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	3.9	500	500.1	2839
2877 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	3.9	500	500.0	2866
2878 >E	Ramapo 500kV Voltage	Pre-Fault	3.9	NA	500	2878
2878 >E	Edic 345kV Voltage	SBK Edic R70	2.6	327.8	324.8	2911
2879 >E	Gordon Rd 345kV Voltage	Volney-Marcy	2.6	327.8	327.6	2817
2880 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	10.2	327.8	338.2	2093
2881 >E	Coopers Corners 345kV Voltage	SBK Edic R945	10.8	327.8	338.1	2093
2882 >E	Clay 345kV Voltage	SBK Marcy R3108	3.1	327.8	333.9	2764
2882 >E	Gordon Rd 345kV Voltage	SBK Edic R70	2.7	327.8	326.3	2915
2883 >E	Coopers Corners 345kV Voltage	Ravenswood 3	2.7	327.8	331.8	2981
2883 >E	Ramapo 500kV Voltage	Ph2 DC 1500	34.6	500	505.6	3177
2884 >E	Ladentown 345kV Voltage	Pre-Fault	10.8	NA	346	2884
2885 >E	Oakdale 345kV Voltage	SBK Marcy R3108	1.9	320	325.0	2766
2886 >E	Roseton 345kV Voltage	Pre-Fault	7.1	NA	345	2886
2886 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	10.5	327.8	337.8	2038
2887 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	2.2	327.8	327.8	2849
2887 >E	Fraser 345kV Voltage	Volney-Marcy	2.2	327.8	327.8	2823
2887 >E	Fraser 345kV Voltage	SBK Marcy R3108	2.2	327.8	327.8	2767
2887 >E	Fraser 345kV Voltage	SBK Edic R70	2.2	327.8	327.8	2920
2887 >E	Fraser 345kV Voltage	SBK Princeton 345	2.2	327.8	327.8	2672
2887 >E	Fraser 345kV Voltage	Princeton-N.Scot 345	2.2	327.8	327.8	2875
2887 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	327.8	327.8	2848
2887 >E	Fraser 345kV Voltage	Ravenswood 3	2.2	327.8	327.8	2984
2890 >E	Oakdale 345kV Voltage	Volney-Marcy	1.9	320	322.9	2825
2890 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	6.1	327.8	336.9	2099
2891 >E	Coopers Corners 345kV Voltage	SBK Princeton 345	3.2	327.8	329.3	2676
2892 >E	Clay 345kV Voltage	Volney-Marcy	3.1	327.8	330.8	2827
2892 >E	Coopers Corners 345kV Voltage	SBK Edic R70	3.3	327.8	328.9	2926
2892 >E	Oakdale 345kV Voltage	Ravenswood 3	2.0	320	321.4	2989
2893 >E	Oakdale 345kV Voltage	SBK Princeton 345	2.0	320	321.3	2677
2893 >E	Fraser 345kV Voltage	SBK Edic R945	6.5	327.8	336.7	2099

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2893 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	5.0	320	332.4	2101
2894 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	328.3	2856
2895 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	6.6	327.8	337.1	2102
2895 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.0	320	320.2	2856
2895 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.0	320	320.2	2856
2895 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.0	320	320.1	2884
2895 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	3.3	327.8	328.1	2856
2895 >E	Oakdale 345kV Voltage	SBK Edic R945	5.3	320	332.1	2101
2896 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	3.3	327.8	327.9	2884
2897 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	6.3	327.8	336.3	2044
2897 >E	Oakdale 345kV Voltage	SBK Edic R70	2.0	320	319.3	2930
2897 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	2.8	327.8	329.9	2858
2897 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	2.8	327.8	329.9	2858
2897 >E	Coopers Corners 345kV Voltage	Volney-Marcy	3.2	327.8	327.4	2832
2898 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	2.9	327.8	329.5	2995
2898 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	2.9	327.8	329.5	2995
2898 >E	Clay 345kV Voltage	SBK Edic R945	7.1	327.8	336.8	2102
2898 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	5.2	320	331.7	2045
2900 >E	Clay 345kV Voltage	Ravenswood 3	3.3	327.8	328.4	2996
2900 >E	Dunwoodie 345kV Voltage	Ravenswood 3	6.7	327.8	335.9	2997
2900 >E	Clay 345kV Voltage	SBK Princetown 345	3.3	327.8	328.3	2684
2901 >E	St.Lawrence 230kV Voltage	Pre-Fault	11.6	NA	225	2901
2901 >E	Clay 345kV Voltage	Ph2 DC 1500	5.9	327.8	335.1	3187
2901 >E	Sprain Brook 345kV Voltage	Ravenswood 3	6.6	327.8	335.9	2997
2901 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	3.3	327.8	327.9	2862
2901 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	5.5	327.8	336.1	3188
2901 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	5.5	327.8	336.1	3188
2902 >E	Clay 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	327.9	2863
2902 >E	Clay 345kV Voltage	Princetown-N.Scot 345	3.3	327.8	327.8	2890
2903 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	3.0	327.8	327.8	2892
2903 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	3.0	327.8	327.8	2892
2903 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	2.9	327.8	327.7	2836
2903 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	2.9	327.8	327.7	2836
2903 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	3.0	327.8	327.7	2937
2903 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	3.0	327.8	327.7	2937
2903 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	3.4	327.8	325.5	2778
2904 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	3.0	327.8	327.6	2779
2904 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	3.0	327.8	327.6	2779

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2904 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	3.0	327.8	327.5	2865
2904 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	3.0	327.8	327.5	2865
2904 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	6.9	327.8	336.2	2048
2906 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.1	320	327.0	3190
2906 >E	Clay 345kV Voltage	SBK Edic R70	3.4	327.8	326.4	2940
2909 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	2.6	327.8	328.9	2869
2909 >E	Gilboa 345kV Voltage	Ravenswood 3	2.6	327.8	328.8	3005
2911 >E	Gilboa 345kV Voltage	SBK Marcy R3108	2.7	327.8	328.1	2784
2911 >E	Bowline 2 345kV Voltage	Pre-Fault	9.9	NA	345	2911
2912 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	2.7	327.8	327.8	2900
2912 >E	Gilboa 345kV Voltage	Volney-Marcy	2.7	327.8	327.8	2843
2912 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	2.7	327.8	327.8	2872
2913 >E	Gilboa 345kV Voltage	SBK Edic R70	2.7	327.8	327.5	2946
2914 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	6.4	327.8	330.9	3195
2915 >E	Gilboa 345kV Voltage	SBK Princetown 345	2.8	327.8	326.5	2697
2915 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	3.1	327.8	323.7	2697
2915 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	3.1	327.8	323.7	2697
2916 >E	Bowline 1 345kV Voltage	Pre-Fault	11.6	NA	345	2916
2918 >E	Millwood 345kV Voltage	Ravenswood 3	6.4	327.8	336.0	3013
2921 >E	Gilboa 345kV Voltage	Marcy South S.	9.2	327.8	343.2	3412
2921 >E	Fraser 345kV Voltage	Ph2 DC 1500	5.3	327.8	327.8	3199
2923 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	28.4	500	503.1	2057
2924 >E	Rock Tavern 345kV Voltage	Ravenswood 3	4.2	327.8	335.2	3018
2924 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	3.6	327.8	327.8	2884
2924 >E	Leeds 345kV Voltage	Volney-Marcy	3.6	327.8	327.8	2853
2924 >E	Leeds 345kV Voltage	SBK Marcy R3108	3.6	327.8	327.8	2792
2924 >E	Leeds 345kV Voltage	SBK Edic R70	3.6	327.8	327.8	2958
2924 >E	Leeds 345kV Voltage	SBK Princetown 345	3.6	327.8	327.8	2705
2924 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	3.6	327.8	327.8	2912
2924 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	3.6	327.8	327.8	2884
2924 >E	Leeds 345kV Voltage	Ravenswood 3	3.6	327.8	327.8	3019
2924 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	28.7	500	503.1	2120
2927 >E	Ramapo 500kV Voltage	SBK Edic R945	29.8	500	503.0	2119
2929 >E	Buchanan North 345kV Voltage	Ravenswood 3	7.6	327.8	336.2	3023
2931 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	7.7	218.5	222.4	2797
2934 >E	Buchanan South 345kV Voltage	Ravenswood 3	6.6	327.8	336.5	3028
2936 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	5.3	327.8	333.1	3030

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2938 >E	Leeds 345kV Voltage	Marcy South N.	8.4	327.8	342.0	3624
2938 >E	Clay 345kV Voltage	Marcy South S.	8.1	327.8	332.9	3419
2945 >E	St.Lawrence 230kV Voltage	Volney-Marcy	8.7	218.5	221.1	2870
2949 >E	St.Lawrence 230kV Voltage	Marcy South N.	15.7	218.5	226.8	3626
2950 >E	Roseton 345kV Voltage	Ravenswood 3	4.8	327.8	336.0	3042
2953 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	8.5	327.8	332.4	2812
2953 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	335.4	2138
2955 >E	Leeds 345kV Voltage	Marcy South S.	12.0	327.8	341.8	3426
2957 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	8.4	327.8	334.2	2140
2960 >E	Pannell Road 345kV Voltage	SBK Edic R945	9.7	327.8	334.9	2138
2960 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	9.4	327.8	334.2	3222
2962 >E	Station 80 345kV Voltage	SBK Edic R945	8.9	327.8	333.7	2140
2963 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	9.4	327.8	334.7	2078
2963 >E	St.Lawrence 230kV Voltage	Ravenswood 3	10.6	218.5	219.6	3055
2964 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	8.6	327.8	333.5	2079
2965 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	5.9	327.8	328.2	2742
2965 >E	Rock Tavern 345kV Voltage	SBK Edic R70	5.9	327.8	328.2	3000
2966 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	5.9	327.8	328.1	2923
2966 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	6.2	327.8	328.2	2924
2967 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	5.9	327.8	327.9	2925
2968 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	5.9	327.8	327.8	2955
2969 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	6.3	327.8	327.9	3003
2969 >E	Station 80 345kV Voltage	Ph2 DC 1500	9.7	327.8	333.8	3227
2969 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	6.3	327.8	327.8	2957
2969 >E	Rock Tavern 345kV Voltage	Volney-Marcy	5.9	327.8	327.5	2889
2970 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	6.3	327.8	327.7	2928
2971 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	6.3	327.8	327.5	2890
2972 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	9.0	327.8	328.0	2929
2972 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	8.9	327.8	328.0	2929
2972 >E	Oakdale 345kV Voltage	Marcy South S.	6.9	320	321.6	3433
2972 >E	Pannell Road 345kV Voltage	Volney-Marcy	8.9	327.8	330.4	2891
2972 >E	Dunwoodie 345kV Voltage	SBK Edic R70	9.1	327.8	327.9	3006
2972 >E	Sprain Brook 345kV Voltage	SBK Edic R70	8.9	327.8	327.9	3006
2973 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	9.0	327.8	327.8	2961
2973 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	9.1	327.8	327.8	2961
2973 >E	Gilboa 345kV Voltage	Ph2 DC 1500	7.3	327.8	332.3	3229
2974 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	6.4	327.8	327.1	2826
2974 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	9.0	327.8	327.8	2931

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2974 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	327.8	2931
2974 >E	Ladentown 345kV Voltage	Ravenswood 3	7.3	327.8	337.6	3065
2975 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	6.3	327.8	326.9	2751
2975 >E	Ramapo 500kV Voltage	Marcy South S.	31.7	500	501.9	3434
2976 >E	Sprain Brook 345kV Voltage	Volney-Marcy	9.0	327.8	327.5	2894
2976 >E	Dunwoodie 345kV Voltage	Volney-Marcy	9.1	327.8	327.5	2894
2976 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	11.6	218.5	218.5	2963
2976 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	11.6	218.5	218.5	2934
2976 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	11.6	218.5	218.5	2933
2977 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	9.0	327.8	327.4	2753
2977 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	9.1	327.8	327.4	2753
2977 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	6.2	327.8	326.2	2828
2978 >E	Ramapo 345kV Voltage	Ravenswood 3	7.8	327.8	337.3	3068
2978 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	11.7	218.5	218.3	2754
2980 >E	Fraser 345kV Voltage	Marcy South N.	9.0	327.8	327.8	3631
2980 >E	Leeds 345kV Voltage	Ph2 DC 1500	7.2	327.8	331.5	3233
2980 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	9.2	327.8	327.0	2830
2980 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	9.4	327.8	327.0	2830
2981 >E	Bowline 2 345kV Voltage	Ravenswood 3	6.8	327.8	337.9	3072
2983 >E	Gilboa 345kV Voltage	Marcy South N.	9.7	327.8	339.0	3632
2986 >E	St.Lawrence 230kV Voltage	SBK Edic R70	12.6	218.5	217.6	3020
2986 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	8.5	327.8	328.1	2943
2986 >E	Fraser 345kV Voltage	Marcy South S.	10.6	327.8	327.8	3439
2987 >E	Millwood 345kV Voltage	SBK Edic R70	8.6	327.8	327.9	3022
2988 >E	Pannell Road 345kV Voltage	Ravenswood 3	9.5	327.8	328.8	3078
2988 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	8.6	327.8	327.8	2976
2989 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	8.6	327.8	327.7	2946
2989 >E	Niagara 230kV East Voltage	Pre-Fault	15.5	NA	225	2989
2989 >E	Niagara 230kV West Voltage	Pre-Fault	15.5	NA	225	2989
2991 >E	Millwood 345kV Voltage	Volney-Marcy	8.6	327.8	327.5	2906
2992 >E	Station 80 345kV Voltage	Marcy South S.	9.6	327.8	330.9	3441
2992 >E	Millwood 345kV Voltage	SBK Princetown 345	8.6	327.8	327.4	2766
2992 >E	Bowline 1 345kV Voltage	Ravenswood 3	7.6	327.8	338.5	3082
2993 >E	Pannell Road 345kV Voltage	SBK Princetown 345	9.8	327.8	328.2	2767
2996 >E	Millwood 345kV Voltage	SBK Marcy R3108	8.9	327.8	326.9	2841
2997 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	9.9	327.8	327.9	2954
2997 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	9.9	327.8	327.9	2953

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2998 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	9.9	327.8	327.8	2985
2999 >E	Pannell Road 345kV Voltage	Marcy South S.	10.9	327.8	331.8	3445
3001 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	9.5	327.8	338.7	2168
3006 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	7.0	327.8	328.0	2961
3007 >E	Roseton 345kV Voltage	SBK Edic R70	7.1	327.8	328.0	3041
3008 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	7.1	327.8	327.8	2994
3008 >E	Watercure 230kV Voltage	Marcy South N.	13.6	207	227.4	3636
3008 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	7.1	327.8	327.8	2964
3008 >E	Gilboa 345kV Voltage	SBK Edic R945	9.9	327.8	338.3	2166
3008 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	9.8	327.8	338.3	2102
3009 >E	Pannell Road 345kV Voltage	SBK Edic R70	10.3	327.8	326.7	3043
3009 >E	Roseton 345kV Voltage	Volney-Marcy	7.1	327.8	327.6	2921
3010 >E	Roseton 345kV Voltage	SBK Princetown 345	7.1	327.8	327.5	2782
3011 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	9.1	327.8	328.1	2966
3012 >E	Buchanan South 345kV Voltage	SBK Edic R70	9.2	327.8	328.0	3047
3014 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	9.2	327.8	327.8	3000
3014 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	9.2	327.8	327.8	2970
3014 >E	Roseton 345kV Voltage	SBK Marcy R3108	7.3	327.8	326.8	2853
3016 >E	Buchanan South 345kV Voltage	Volney-Marcy	9.2	327.8	327.6	2926
3016 >E	Buchanan South 345kV Voltage	SBK Princetown 345	9.2	327.8	327.5	2788
3018 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	19.0	218.5	222.2	3256
3021 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	11.2	327.8	328.1	2976
3023 >E	Buchanan North 345kV Voltage	SBK Edic R70	11.4	327.8	328.0	3057
3023 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	9.5	327.8	326.7	2859
3024 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	11.4	327.8	327.8	2980
3024 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	11.4	327.8	327.8	3011
3025 >E	Buchanan North 345kV Voltage	SBK Princetown 345	11.4	327.8	327.7	2796
3027 >E	Buchanan North 345kV Voltage	Volney-Marcy	11.4	327.8	327.6	2935
3037 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	12.6	327.8	331.4	2190
3037 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	12.6	327.8	331.4	2190
3037 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	12.0	327.8	326.7	2869
3038 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	12.8	327.8	320.9	2190
3044 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	13.0	327.8	330.9	2188
3044 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	13.0	327.8	330.9	2188
3045 >E	Gordon Rd 345kV Voltage	SBK Edic R945	13.3	327.8	320.4	2188
3045 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	12.8	327.8	330.8	2122
3045 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	12.8	327.8	330.8	2122
3057 >E	Ramapo 500kV Voltage	Marcy South N.	40.2	500	502.5	3644

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3058 >E	Station 80 345kV Voltage	SBK Marcy R3108	16.6	327.8	332.9	2883
3061 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	12.3	327.8	331.3	3281
3065 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	12.1	327.8	330.8	3282
3070 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	23.9	218.5	224.0	2210
3077 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	10.7	327.8	328.2	3028
3077 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	9.7	327.8	328.2	3029
3079 >E	Ladentown 345kV Voltage	SBK Edic R70	10.8	327.8	328.0	3114
3079 >E	Bowline 2 345kV Voltage	SBK Edic R70	9.9	327.8	328.0	3114
3081 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	10.8	327.8	327.8	3034
3081 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	10.8	327.8	327.8	3067
3081 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	9.9	327.8	327.8	3034
3081 >E	Niagara 230kV East Voltage	SBK Marcy R3108	15.1	218.5	219.0	2898
3081 >E	Niagara 230kV West Voltage	SBK Marcy R3108	15.1	218.5	219.0	2898
3081 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	9.9	327.8	327.8	3067
3081 >E	Ladentown 345kV Voltage	SBK Princetown 345	10.8	327.8	327.8	2846
3081 >E	Bowline 2 345kV Voltage	SBK Princetown 345	9.9	327.8	327.8	2846
3083 >E	Bowline 2 345kV Voltage	Volney-Marcy	9.9	327.8	327.6	2980
3083 >E	Ladentown 345kV Voltage	Volney-Marcy	10.8	327.8	327.6	2980
3083 >E	Niagara 230kV East Voltage	Ravenswood 3	15.3	218.5	218.9	3166
3083 >E	Niagara 230kV West Voltage	Ravenswood 3	15.3	218.5	218.9	3166
3083 >E	Niagara 230kV East Voltage	Volney-Marcy	15.1	218.5	218.9	2980
3083 >E	Niagara 230kV West Voltage	Volney-Marcy	15.1	218.5	218.9	2980
3084 >E	Somerset 345kV Voltage	Marcy South N.	14.4	327.8	345.8	3648
3088 >E	Niagara 230kV East Voltage	SBK Princetown 345	15.4	218.5	218.6	2852
3088 >E	Niagara 230kV West Voltage	SBK Princetown 345	15.4	218.5	218.6	2852
3089 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	12.0	327.8	328.2	3040
3089 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	15.5	218.5	218.5	3040
3089 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	15.5	218.5	218.5	3040
3089 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	15.5	218.5	218.5	3042
3089 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	15.5	218.5	218.5	3042
3089 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	15.5	218.5	218.5	3075
3089 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	15.5	218.5	218.5	3075
3090 >E	St.Lawrence 230kV Voltage	SBK Edic R945	26.1	218.5	223.6	2214
3090 >E	Pleasant Valley 345kV Voltage	Marcy South N.	16.9	327.8	337.8	3649
3091 >E	Niagara 230kV East Voltage	SBK Edic R70	15.6	218.5	218.4	3126
3091 >E	Niagara 230kV West Voltage	SBK Edic R70	15.6	218.5	218.4	3126
3091 >E	Ramapo 345kV Voltage	SBK Edic R70	12.1	327.8	328.0	3126

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3092 >E	Ramapo 345kV Voltage	SBK Princetown 345	12.1	327.8	327.9	2856
3093 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	12.1	327.8	327.8	3045
3093 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	12.2	327.8	327.8	3079
3094 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	17.6	327.8	331.3	3299
3096 >E	Ramapo 345kV Voltage	Volney-Marcy	12.1	327.8	327.6	2990
3096 >E	Station 80 345kV Voltage	Volney-Marcy	17.8	327.8	331.1	2990
3097 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	10.4	327.8	326.2	2909
3098 >E	Ladentown 345kV Voltage	SBK Marcy R3108	11.4	327.8	326.2	2909
3100 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	19.2	327.8	329.8	3303
3100 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	19.1	327.8	329.9	3303
3102 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	25.9	218.5	223.3	2151
3103 >E	Millwood 345kV Voltage	Ph2 DC 1500	16.7	327.8	330.5	3305
3111 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	11.4	327.8	328.2	3061
3114 >E	Bowline 1 345kV Voltage	SBK Edic R70	11.6	327.8	328.0	3149
3114 >E	Ramapo 345kV Voltage	SBK Marcy R3108	13.0	327.8	326.1	2920
3116 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	11.6	327.8	327.8	3067
3116 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	11.6	327.8	327.8	3101
3116 >E	Bowline 1 345kV Voltage	SBK Princetown 345	11.6	327.8	327.8	2877
3118 >E	Bowline 1 345kV Voltage	Volney-Marcy	11.6	327.8	327.6	3008
3126 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	16.7	327.8	331.1	3318
3134 >E	Station 80 345kV Voltage	Ravenswood 3	20.1	327.8	329.3	3214
3137 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	12.3	327.8	326.0	2936
3151 >E	Roseton 345kV Voltage	Ph2 DC 1500	14.6	327.8	331.2	3333
3158 >E	Station 80 345kV Voltage	SBK Princetown 345	21.2	327.8	328.2	2915
3166 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	21.5	327.8	327.8	3116
3167 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	21.5	327.8	327.8	3114
3167 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	21.5	327.8	327.8	3152
3171 >E	Ramapo 345kV Voltage	Ph2 DC 1500	17.4	327.8	331.9	3344
3184 >E	Ladentown 345kV Voltage	Ph2 DC 1500	17.0	327.8	332.1	3352
3184 >E	Rainey 345kV Voltage	Ravenswood 3	17.2	327.8	343.1	3260
3185 >E	St.Lawrence 230kV Voltage	Marcy South S.	33.2	218.5	221.5	3522
3197 >E	Coopers Corners 345kV Voltage	Marcy South N.	14.9	327.8	310.6	3667
3199 >E	Station 80 345kV Voltage	SBK Edic R70	23.2	327.8	326.3	3235
3205 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	16.2	327.8	335.2	2293
3205 >E	Farragut 345kV Voltage	Ravenswood 3	18.1	327.8	342.5	3279
3208 >E	Pleasant Valley 345kV Voltage	Marcy South S.	29.2	327.8	338.8	3532
3210 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	16.9	327.8	332.3	3367
3216 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	16.8	327.8	332.4	3370

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3218 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	16.6	327.8	334.6	2212
3225 >E	Somerset 345kV Voltage	SBK Edic R945	17.1	327.8	334.3	2292
3237 >E	Somerset 345kV Voltage	Ph2 DC 1500	18.6	327.8	335.7	3383
3240 >E	Niagara 230kV East Voltage	Marcy South N.	32.4	218.5	226.6	3674
3240 >E	Niagara 230kV West Voltage	Marcy South N.	32.4	218.5	226.6	3674
3259 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	21.7	327.8	327.8	2327
3259 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	21.7	327.8	327.8	2233
3259 >E	Leeds 345kV Voltage	SBK Edic R945	21.7	327.8	327.8	2313
3289 >E	Somerset 345kV Voltage	Marcy South S.	19.0	327.8	331.4	3566
3293 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	27.8	327.8	337.7	2348
3306 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	28.1	327.8	337.4	2258
3315 >E	Rock Tavern 345kV Voltage	SBK Edic R945	29.1	327.8	337.2	2345
3317 >E	Roseton 345kV Voltage	Marcy South N.	22.6	327.8	334.6	3686
3327 >E	Millwood 345kV Voltage	Marcy South N.	30.3	327.8	333.0	3688
3346 >E	Dunwoodie 345kV Voltage	Marcy South N.	36.2	327.8	332.0	3691
3351 >E	Rainey 345kV Voltage	Pre-Fault	32.4	NA	338	3351
3352 >E	Sprain Brook 345kV Voltage	Marcy South N.	36.4	327.8	332.0	3692
3356 >E	Farragut 345kV Voltage	Pre-Fault	33.8	NA	338	3356
3368 >E	Goethals 345kV Voltage	Ravenswood 3	24.6	327.8	341.8	3431
3398 >E	Rock Tavern 345kV Voltage	Marcy South N.	24.2	327.8	323.5	3700
3419 >E	Buchanan South 345kV Voltage	Marcy South N.	31.6	327.8	332.2	3703
3457 >E	Buchanan North 345kV Voltage	Marcy South N.	36.3	327.8	330.0	3709
3481 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	43.6	327.8	334.4	2463
3482 >E	Niagara 345kV Voltage	Marcy South N.	25.0	327.8	348.1	3713
3487 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	43.6	327.8	334.3	2352
3503 >E	Buchanan North 345kV Voltage	SBK Edic R945	45.1	327.8	334.1	2454
3547 >E	Goethals 345kV Voltage	Pre-Fault	46.9	NA	338	3547
3569 >E	Gardenville 230kV Voltage	Marcy South N.	31.9	207	225.3	3727
3598 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	39.9	327.8	337.2	2535
3605 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	39.9	327.8	337.1	2414
3627 >E	Ramapo 345kV Voltage	SBK Edic R945	41.5	327.8	336.8	2527
3635 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	42.0	327.8	330.3	2558
3647 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	42.1	327.8	330.1	2436
3649 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	42.7	327.8	330.0	2539
3649 >E	Ladentown 345kV Voltage	Marcy South N.	35.3	327.8	329.7	3740
3656 >E	Millwood 345kV Voltage	Marcy South S.	54.5	327.8	333.9	3720
3666 >E	Ramapo 345kV Voltage	Marcy South N.	37.3	327.8	328.1	3743
3671 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	32.0	327.8	328.1	3591
3675 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	48.1	327.8	334.5	2583
3676 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	41.0	327.8	337.2	2583
3679 >E	Rainey 345kV Voltage	SBK Edic R70	32.3	327.8	327.9	3719

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3681 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	32.4	327.8	327.8	3658
3682 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	32.4	327.8	327.8	3608
3683 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	41.0	327.8	337.1	2455
3683 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	48.1	327.8	334.4	2455
3686 >E	Rainey 345kV Voltage	Volney-Marcy	32.5	327.8	327.6	3461
3690 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	33.4	327.8	328.1	3609
3691 >E	Rainey 345kV Voltage	SBK Princetown 345	32.6	327.8	327.5	3392
3698 >E	Farragut 345kV Voltage	SBK Edic R70	33.7	327.8	327.9	3739
3701 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	33.8	327.8	327.8	3678
3701 >E	Buchanan South 345kV Voltage	SBK Edic R945	49.7	327.8	334.2	2569
3701 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	33.8	327.8	327.8	3627
3706 >E	Farragut 345kV Voltage	Volney-Marcy	33.9	327.8	327.7	3477
3706 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	54.5	327.8	333.3	2602
3707 >E	Ladentown 345kV Voltage	SBK Edic R945	42.5	327.8	336.7	2573
3710 >E	Farragut 345kV Voltage	SBK Princetown 345	34.0	327.8	327.5	3409
3713 >E	Bowline 1 345kV Voltage	Marcy South N.	35.5	327.8	329.7	3751
3714 >E	Rainey 345kV Voltage	SBK Marcy R3108	33.5	327.8	326.8	3325
3717 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	54.5	327.8	333.1	2473
3719 >E	Dunwoodie 345kV Voltage	Marcy South S.	68.9	327.8	333.0	3746
3719 >E	Sprain Brook 345kV Voltage	Marcy South S.	68.0	327.8	333.0	3746
3720 >E	Roseton 345kV Voltage	Marcy South S.	43.4	327.8	334.6	3747
3726 >E	Bowline 2 345kV Voltage	Marcy South N.	35.4	327.8	329.8	3753
3730 >E	Millwood 345kV Voltage	SBK Edic R945	56.1	327.8	333.0	2587
3735 >E	Farragut 345kV Voltage	SBK Marcy R3108	35.0	327.8	326.8	3338
3739 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	40.8	327.8	337.9	2623
3745 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	42.9	327.8	334.2	2626
3746 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	40.8	327.8	337.8	2488
3753 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	40.8	327.8	338.0	2631
3756 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	43.0	327.8	334.0	2493
3760 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	40.8	327.8	337.9	2495
3769 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	68.3	327.8	332.5	2641
3771 >E	Roseton 345kV Voltage	SBK Edic R945	44.1	327.8	333.7	2610
3772 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	32.4	327.8	337.5	2643
3773 >E	Bowline 1 345kV Voltage	SBK Edic R945	42.4	327.8	337.4	2611
3781 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	68.3	327.8	332.4	2506
3784 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	69.9	327.8	332.4	2650
3788 >E	Bowline 2 345kV Voltage	SBK Edic R945	42.4	327.8	337.5	2620
3789 >E	Buchanan North 345kV Voltage	Marcy South S.	54.8	327.8	330.0	3776
3794 >E	Sprain Brook 345kV Voltage	SBK Edic R945	70.2	327.8	332.3	2623

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3795 >E	Buchanan South 345kV Voltage	Marcy South S.	53.6	327.8	333.0	3778
3796 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	69.8	327.8	332.3	2514
3799 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	33.3	327.8	336.9	2515
3808 >E	Dunwoodie 345kV Voltage	SBK Edic R945	71.7	327.8	332.2	2632
3827 >E	Niagara 345kV Voltage	SBK Edic R945	34.4	327.8	336.3	2643
3862 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	71.0	218.5	224.9	2698
3862 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	71.0	218.5	224.9	2698
3895 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	73.1	218.5	224.6	2566
3895 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	73.1	218.5	224.6	2566
3931 >E	Niagara 230kV East Voltage	SBK Edic R945	75.9	218.5	224.3	2703
3931 >E	Niagara 230kV West Voltage	SBK Edic R945	75.9	218.5	224.3	2703
3969 >E	Niagara 345kV Voltage	Ph2 DC 1500	41.2	327.8	338.8	3809
4010 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	46.3	327.8	328.1	3912
4022 >E	Goethals 345kV Voltage	SBK Edic R70	46.8	327.8	327.9	4065
4022 >E	Niagara 345kV Voltage	Marcy South S.	40.4	327.8	332.1	3873
4025 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	46.9	327.8	327.8	3997
4026 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	46.9	327.8	327.8	3937
4031 >E	Goethals 345kV Voltage	Volney-Marcy	47.0	327.8	327.7	3736
4036 >E	Goethals 345kV Voltage	SBK Princetown 345	47.2	327.8	327.6	3701
4070 >E	Goethals 345kV Voltage	SBK Marcy R3108	48.5	327.8	326.8	3564
4112 >E	Ladentown 345kV Voltage	Marcy South S.	54.1	327.8	330.8	3911
4138 >E	Ramapo 345kV Voltage	Marcy South S.	56.2	327.8	329.4	3922
4202 >E	Bowline 1 345kV Voltage	Marcy South S.	54.1	327.8	331.2	3949
4219 >E	Bowline 2 345kV Voltage	Marcy South S.	54.0	327.8	331.2	3956
4270 >E	Watercure 230kV Voltage	Ph2 DC 1500	63.4	207	238.3	3984
4289 >E	Niagara 230kV East Voltage	Marcy South S.	98.9	218.5	221.4	3985
4289 >E	Niagara 230kV West Voltage	Marcy South S.	98.9	218.5	221.4	3985
4323 >E	Niagara 230kV East Voltage	Ph2 DC 1500	104.2	218.5	226.7	4015
4323 >E	Niagara 230kV West Voltage	Ph2 DC 1500	104.2	218.5	226.7	4015
4429 >E	Rock Tavern 345kV Voltage	Marcy South S.	62.4	327.8	314.8	4044
4484 >E	Rainey 345kV Voltage	Ph2 DC 1500	64.3	327.8	331.6	4108
4526 >E	Farragut 345kV Voltage	Ph2 DC 1500	67.3	327.8	331.6	4133
5085 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	85.5	207	222.8	3453
5144 >E	Goethals 345kV Voltage	Ph2 DC 1500	92.2	327.8	331.9	4492
5219 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	90.3	207	222.1	3258
5276 >E	Coopers Corners 345kV Voltage	Marcy South S.	70.3	327.8	209.7	4399
5351 >E	Gardenville 230kV Voltage	SBK Edic R945	95.7	207	221.4	3529
5794 >E	Rainey 345kV Voltage	Marcy South N.	114.8	327.8	334.4	4090
5833 >E	Farragut 345kV Voltage	Marcy South N.	118.6	327.8	334.3	4096
6449 >E	Gardenville 230kV Voltage	Marcy South S.	135.8	207	215.8	4891

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6839 >E	Goethals 345kV Voltage	Marcy South N.	159.2	327.8	334.1	4260
8273 >E	Rainey 345kV Voltage	Marcy South S.	213.8	327.8	337.7	5656
8331 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	213.8	327.8	337.5	4885
8331 >E	Farragut 345kV Voltage	Marcy South S.	220.2	327.8	337.6	5680
8350 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	215.1	327.8	337.5	5466
8388 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	220.2	327.8	337.4	4914
8408 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	221.6	327.8	337.4	5502
8493 >E	Rainey 345kV Voltage	SBK Edic R945	220.7	327.8	337.0	5357
8569 >E	Farragut 345kV Voltage	SBK Edic R945	228.0	327.8	336.9	5401
8772 >E	Northport 138kV Voltage	Ph2 DC 1500	468.1	131.1	132.1	6603
10515 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	305.9	327.8	338.5	6026
10522 >E	Goethals 345kV Voltage	Marcy South S.	308.4	327.8	338.5	6598
10588 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	309.3	327.8	338.4	6846
10835 >E	Goethals 345kV Voltage	SBK Edic R945	319.2	327.8	338.0	6719
14192 >E	Northport 138kV Voltage	Marcy South N.	899.8	131.1	133.7	5458
25813 >E	Gardenville 230kV Voltage	Ph2 DC 1500	859.8	207	352.5	16516
31959 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	2294.0	131.1	137.7	20024
31976 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	2294.0	131.1	137.7	17245
32579 >E	Northport 138kV Voltage	SBK Edic R945	2342.8	131.1	137.6	19368
44402 >E	Northport 138kV Voltage	Marcy South S.	3286.9	131.1	135.1	20802
97402 >E	Northport 138kV Voltage	Ravenswood 3	7627.5	131.1	279.3	90557
99998 >E	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
99998 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R945	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

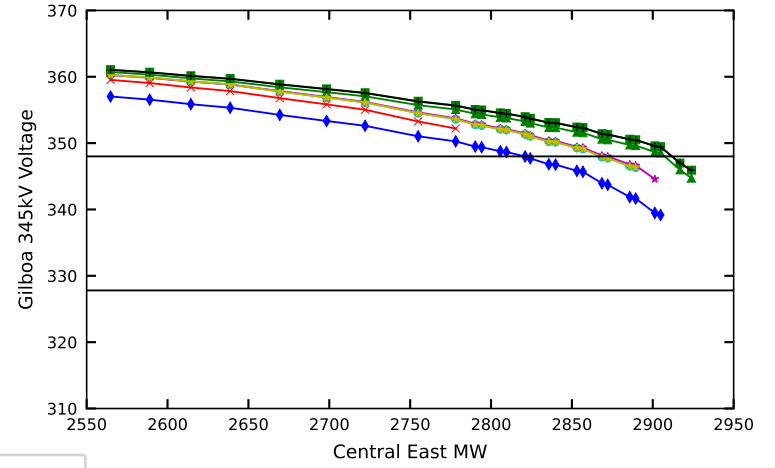
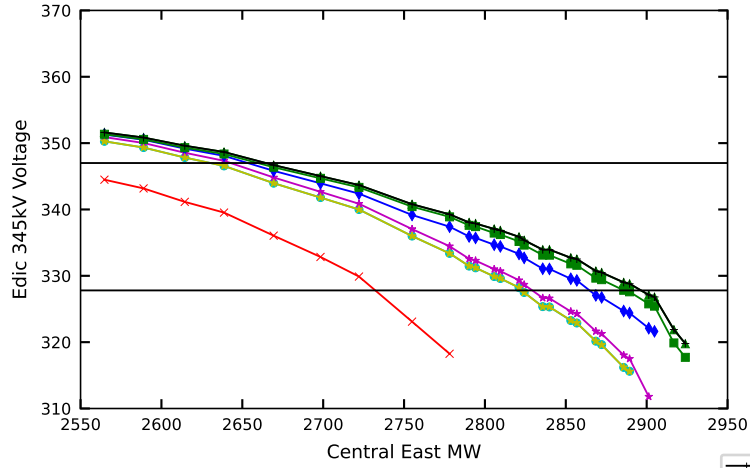
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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0A

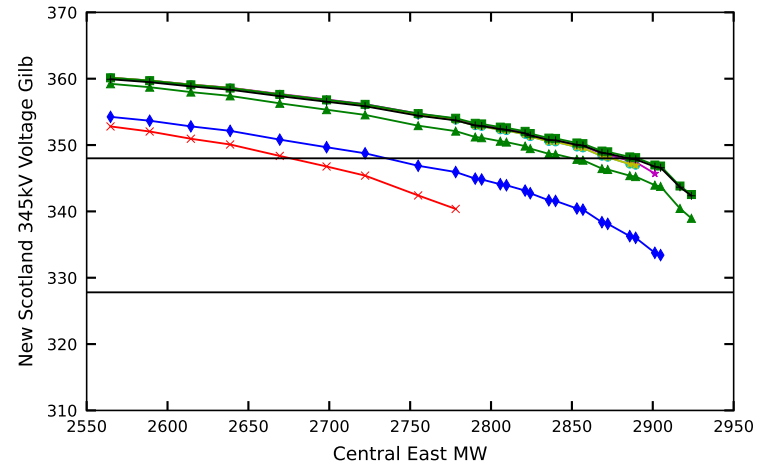
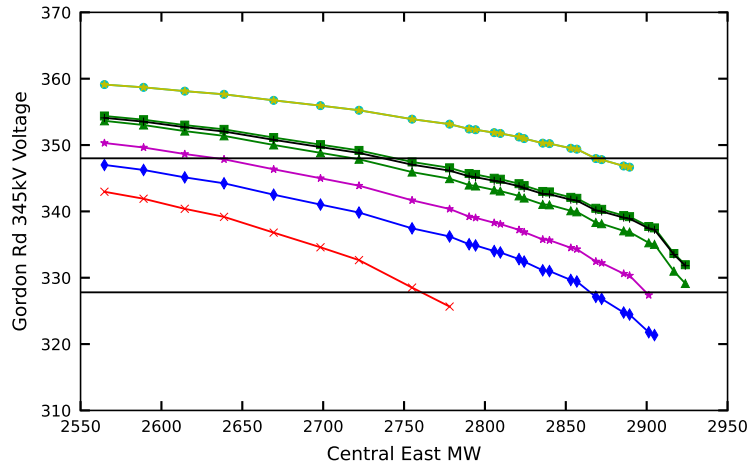
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr	NA	207	NA	99998
>E		345				
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

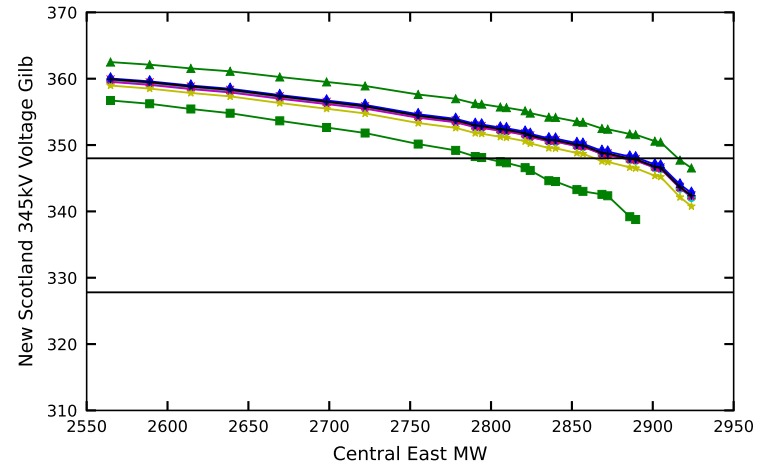
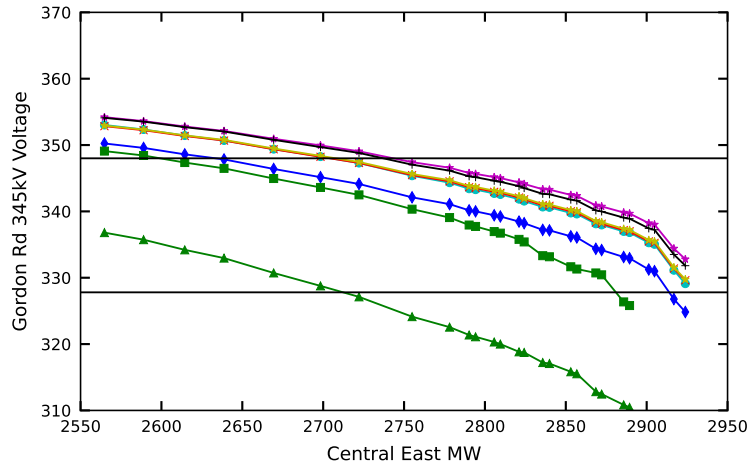
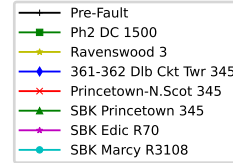
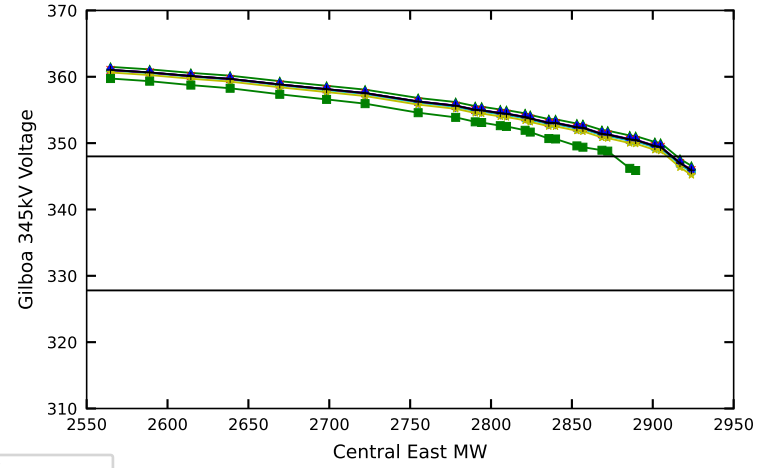
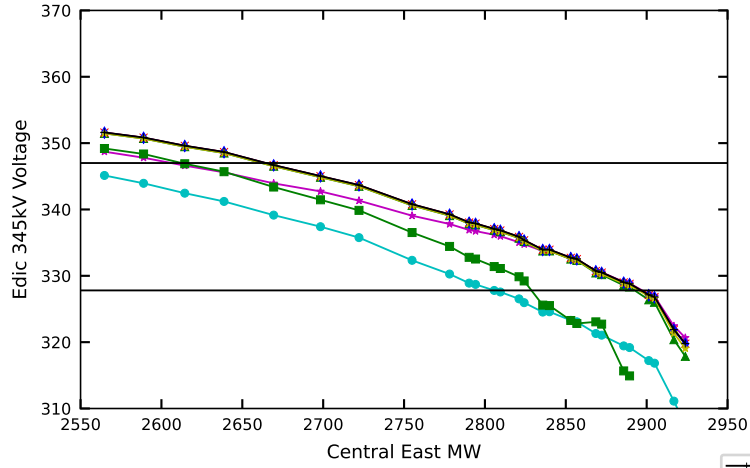
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS Figure 1



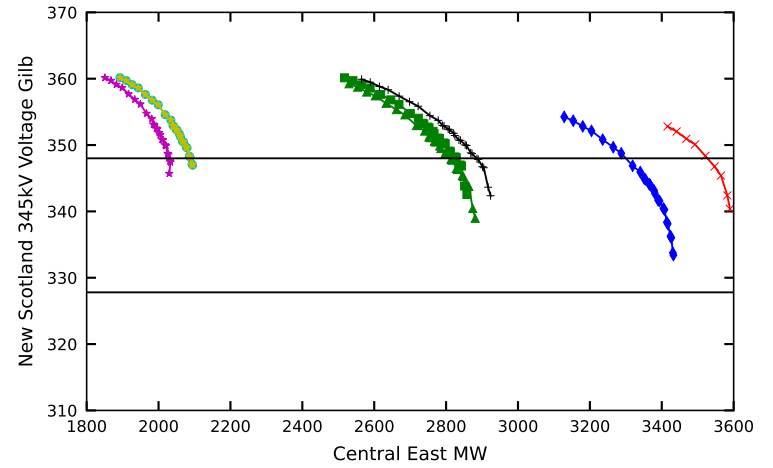
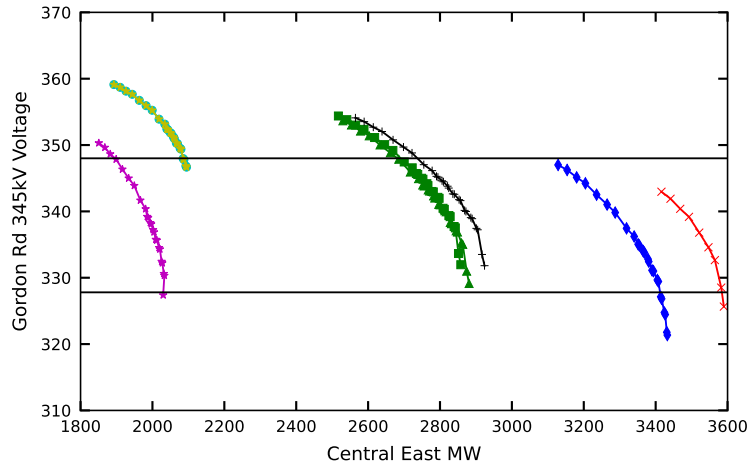
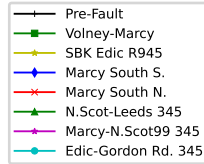
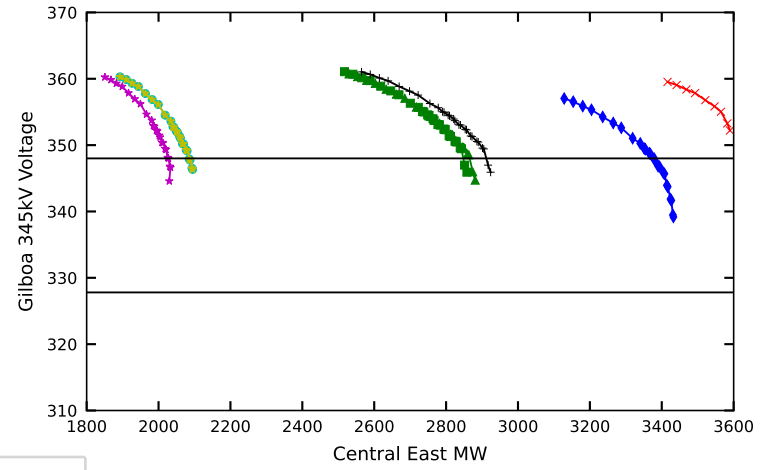
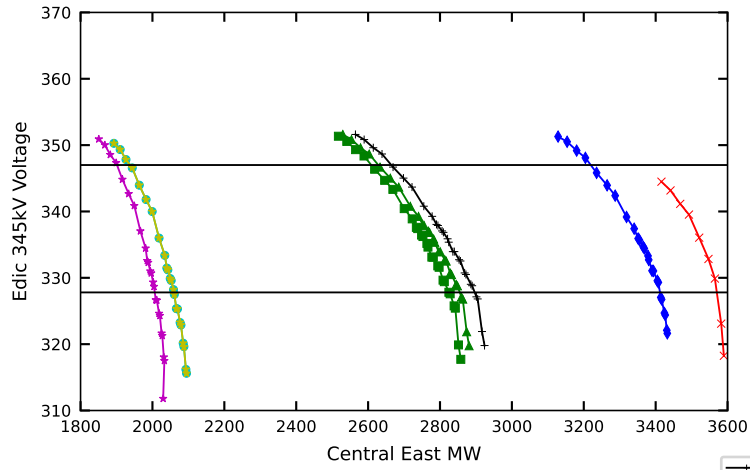
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



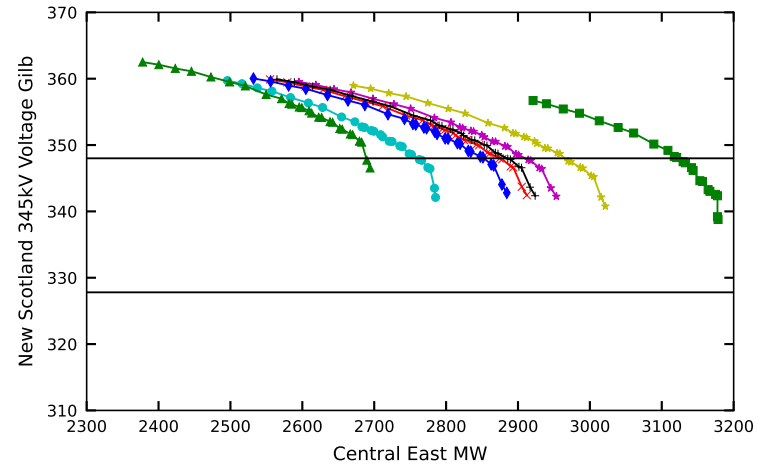
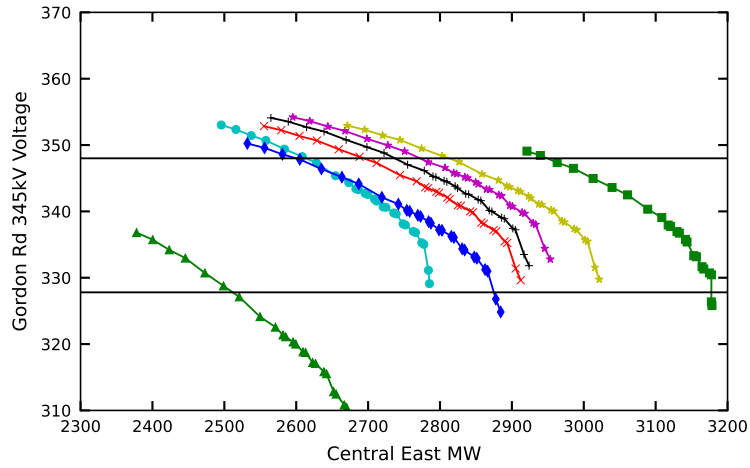
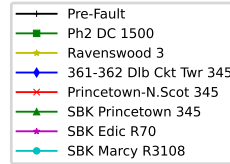
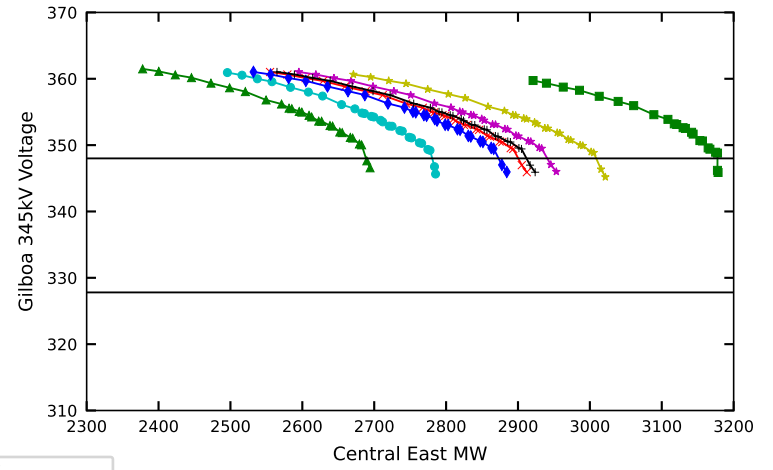
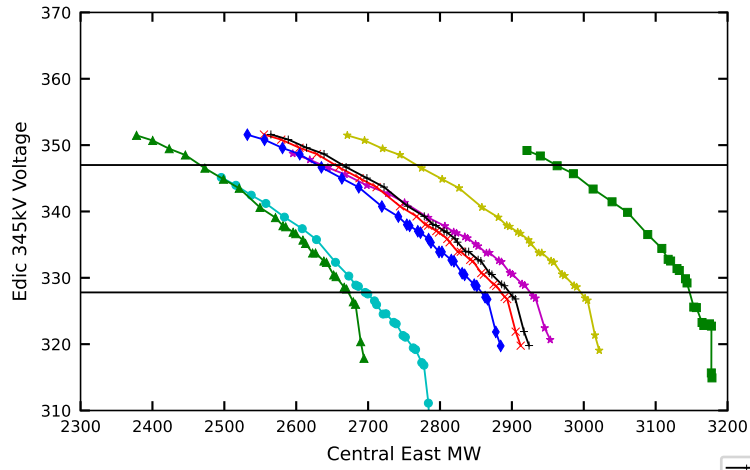
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 ØED CAPS Figure 2



1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS Figure 1



1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS Figure 2



Voltage Contingency Analysis Procedure (VCAP)

02-28-2023 15:31

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 3O 0ED CAPS

Interface: Central East

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\0ED_CAPS\Sum2023_CEVC_Ph2_3O_0ED_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 3O 0ED CAPS

Interface: Central East

Princet

own-

N.Scot

345

ce32) 0

361-

362

Dlb Ckt

Twr

345

log09) 0

Ravens

wood

3

log15) 0 2 2 2 2

Ph2 DC

1500

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2463 <E	Dunwoodie 345kV Voltage	Pre-Fault	105.7	NA	348	2463
2474 <E	Sprain Brook 345kV Voltage	Pre-Fault	105.9	NA	348	2474
2639	limit with 5% margin	Marcy South N.	NA	NA	NA	3410
2652	Marcy 345kV Voltage	Pre-Fault	15.4	NA	348	2652
2664	Edic 345kV Voltage	Pre-Fault	15.5	NA	347	2664
2712	Gordon Rd 345kV Voltage	SBK Princetown 345	14.4	327.8	349.2	2511
2728	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3018
2732	Edic 345kV Voltage	Marcy South N.	4.8	327.8	342.8	3570
2734	Marcy 345kV Voltage	Marcy South N.	4.8	327.8	342.8	3571
2737	Gordon Rd 345kV Voltage	Pre-Fault	18.5	NA	348	2737
2744	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1990
2744	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1931
2744	limit with 5% margin	SBK Edic R945	NA	NA	NA	1990
2759	limit with 5% margin	Marcy South S.	NA	NA	NA	3260
2760	Gordon Rd 345kV Voltage	Marcy South N.	8.1	327.8	346.8	3584
2769	Clay 345kV Voltage	Marcy South N.	5.3	327.8	346.3	3587
2772	Millwood 345kV Voltage	Pre-Fault	142.4	NA	348	2772
2777	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2736
2777	limit with 5% margin	Volney-Marcy	NA	NA	NA	2715
2777	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2646
2777	limit with 5% margin	SBK Edic R70	NA	NA	NA	2805
2777	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2559
2777	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2766
2777	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2740
2777	limit with 5% margin	Ravenswood 3	NA	NA	NA	2870
2786	Pannell Road 345kV Voltage	Pre-Fault	29.0	NA	346	2786
2794	Station 80 345kV Voltage	Pre-Fault	31.5	NA	346	2794
2794	Clay 345kV Voltage	Pre-Fault	26.6	NA	345	2794
2801 >E	Oakdale 345kV Voltage	Marcy South N.	6.5	320	345.8	3597
2805	Edic 345kV Voltage	SBK Marcy R3108	12.7	327.8	337.1	2695
2821	Marcy 345kV Voltage	SBK Edic R945	4.3	327.8	335.9	2059
2821	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	335.9	2059
2822	Edic 345kV Voltage	SBK Edic R945	4.3	327.8	335.6	2059
2822	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	335.6	2059
2827 >E	Pannell Road 345kV Voltage	Marcy South N.	8.3	327.8	344.5	3605
2828	Edic 345kV Voltage	Ph2 DC 1500	3.2	327.8	334.8	3147
2829	Edic 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	334.7	2006
2829	Marcy 345kV Voltage	Ph2 DC 1500	3.1	327.8	334.8	3148
2834	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	334.2	2008
2856 >E	Station 80 345kV Voltage	Marcy South N.	9.5	327.8	343.7	3614

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2857	Buchanan North 345kV Voltage	Pre-Fault	34.4	NA	346	2857
2864	Edic 345kV Voltage	Marcy South S.	5.2	327.8	331.3	3411
2865	Gordon Rd 345kV Voltage	Marcy South S.	5.1	327.8	340.6	3412
2866	Marcy 345kV Voltage	Marcy South S.	5.2	327.8	331.1	3413
2884	New Scotland 345kV Voltage Alps	Pre-Fault	18.0	NA	348	2884
2884	New Scotland 345kV Voltage Gilb	Pre-Fault	18.0	NA	348	2884
2886	Edic 345kV Voltage	Volney-Marcy	15.6	327.8	329.0	2825
2888	Clay 345kV Voltage	SBK Edic R945	7.2	327.8	338.5	2094
2888	Clay 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	338.5	2094
2890	Marcy 345kV Voltage	Volney-Marcy	6.5	327.8	328.7	2829
2892	Edic 345kV Voltage	SBK Princetown 345	6.1	327.8	328.4	2672
2894	Marcy 345kV Voltage	SBK Princetown 345	6.1	327.8	328.2	2673
2895	Edic 345kV Voltage	Ravenswood 3	7.1	327.8	328.0	2995
2896	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	7.1	327.8	327.9	2857
2896	Edic 345kV Voltage	N.Scot-Leeds 345	7.1	327.8	327.8	2855
2896	Edic 345kV Voltage	Princetown-N.Scot 345	7.1	327.8	327.8	2885
2896	Oakdale 345kV Voltage	Pre-Fault	6.4	NA	335	2896
2896	Marcy 345kV Voltage	N.Scot-Leeds 345	7.0	327.8	327.8	2855
2896	Marcy 345kV Voltage	SBK Marcy R3108	7.0	327.8	327.8	2771
2896	Marcy 345kV Voltage	Princetown-N.Scot 345	7.0	327.8	327.8	2885
2896	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	7.0	327.8	327.8	2858
2896	Marcy 345kV Voltage	SBK Edic R70	7.0	327.8	327.8	2925
2896	Marcy 345kV Voltage	Ravenswood 3	7.0	327.8	327.8	2997
2897	Edic 345kV Voltage	SBK Edic R70	7.3	327.8	327.7	2925
2902 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	9.0	327.8	338.0	2038
2905 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	12.7	327.8	338.5	3202
2907	Fraser 345kV Voltage	Pre-Fault	2.7	NA	338	2907
2908	Clay 345kV Voltage	SBK Marcy R3108	2.4	327.8	335.9	2779
2909	Rock Tavern 345kV Voltage	Pre-Fault	6.7	NA	348	2909
2910 >E	Coopers Corners 345kV Voltage	SBK Edic R945	11.4	327.8	340.8	2104
2911 >E	Oakdale 345kV Voltage	SBK Edic R945	7.4	320	335.1	2105
2911	Gilboa 345kV Voltage	Pre-Fault	4.9	NA	348	2911
2911	Coopers Corners 345kV Voltage	Pre-Fault	3.6	NA	338	2911
2912 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	12.4	327.8	340.8	2105
2913	Pleasant Valley 345kV Voltage	Pre-Fault	9.0	NA	348	2913
2913	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	2.8	327.8	334.4	2874
2914 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	8.2	320	335.0	2106
2916 >E	Fraser 345kV Voltage	SBK Edic R945	8.0	327.8	339.5	2107

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2919	Buchanan South 345kV Voltage	Pre-Fault	13.5	NA	346	2919
2919 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	8.7	327.8	339.4	2108
2921 >E	New Scotland 345kV Voltage Alps	Marcy South N.	11.4	327.8	349.3	3635
2921 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	11.4	327.8	349.3	3635
2921 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	12.7	327.8	337.5	2047
2922 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	12.9	327.8	340.5	2047
2922	Oakdale 345kV Voltage	SBK Marcy R3108	2.8	320	327.1	2785
2924 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	8.8	320	334.5	2048
2924 >E	St.Lawrence 230kV Voltage	Pre-Fault	10.1	NA	225	2924
2927 >E	Clay 345kV Voltage	Volney-Marcy	4.7	327.8	330.9	2861
2928 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	3.5	327.8	330.7	2786
2928 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.8	327.8	330.6	2885
2929 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	9.1	327.8	339.0	2050
2931 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	4.0	327.8	330.1	2919
2931 >E	Gordon Rd 345kV Voltage	Ravenswood 3	3.9	327.8	330.0	3027
2932 >E	Clay 345kV Voltage	SBK Princetown 345	4.0	327.8	329.8	2699
2936 >E	Clay 345kV Voltage	Ravenswood 3	4.3	327.8	329.0	3031
2939 >E	Coopers Corners 345kV Voltage	Ravenswood 3	4.4	327.8	332.1	3034
2940 >E	Oakdale 345kV Voltage	Volney-Marcy	4.3	320	323.1	2873
2941 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	327.9	2901
2941 >E	Clay 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	327.9	2897
2941 >E	Gordon Rd 345kV Voltage	Volney-Marcy	4.2	327.8	327.6	2873
2941 >E	Clay 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	2929
2941 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	4.9	327.8	336.7	2789
2942 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	2930
2942 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	327.8	2898
2942 >E	Fraser 345kV Voltage	Volney-Marcy	3.9	327.8	327.8	2874
2942 >E	Fraser 345kV Voltage	SBK Marcy R3108	3.9	327.8	327.8	2789
2942 >E	Fraser 345kV Voltage	SBK Edic R70	3.9	327.8	327.8	2973
2942 >E	Fraser 345kV Voltage	SBK Princetown 345	3.9	327.8	327.8	2705
2942 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.8	2901
2942 >E	Fraser 345kV Voltage	Ravenswood 3	3.9	327.8	327.8	3036
2944 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.0	320	322.3	2707
2944 >E	Clay 345kV Voltage	SBK Edic R70	5.3	327.8	327.1	2976
2945 >E	Oakdale 345kV Voltage	Ravenswood 3	4.1	320	322.0	3039
2945 >E	Gordon Rd 345kV Voltage	SBK Edic R70	4.4	327.8	326.6	2977
2947 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	4.4	327.8	330.3	2709
2948 >E	Ramapo 345kV Voltage	Pre-Fault	13.8	NA	346	2948
2950 >E	Ramapo 500kV Voltage	Ph2 DC 1500	29.9	500	506.6	3235

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\0ED_CAPS\Sum2023_CEVC_PH2_30_0ED_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2953 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	320	320.3	2912
2953 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.7	327.8	329.2	2985
2953 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	4.4	320	320.2	2909
2953 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	4.4	320	320.1	2941
2955 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	328.7	2911
2956 >E	Oakdale 345kV Voltage	SBK Edic R70	4.6	320	319.4	2989
2958 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	327.8	328.2	2917
2958 >E	Clay 345kV Voltage	Marcy South S.	9.0	327.8	332.5	3454
2959 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	4.9	327.8	327.9	2947
2961 >E	New Scotland 345kV Voltage Alps	Marcy South S.	10.2	327.8	344.1	3455
2961 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	10.2	327.8	344.1	3455
2962 >E	Clay 345kV Voltage	Ph2 DC 1500	14.2	327.8	335.7	3244
2964 >E	Ladentown 345kV Voltage	Pre-Fault	13.2	NA	346	2964
2965 >E	Coopers Corners 345kV Voltage	Volney-Marcy	5.2	327.8	326.8	2895
2965 >E	Ramapo 500kV Voltage	Ravenswood 3	23.4	500	505.5	3056
2968 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	9.5	218.5	220.7	2794
2977 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	4.8	327.8	332.7	2931
2977 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	4.8	327.8	332.7	2931
2977 >E	Pannell Road 345kV Voltage	SBK Edic R945	11.7	327.8	339.1	2136
2978 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	5.7	327.8	324.0	2796
2979 >E	St.Lawrence 230kV Voltage	Ravenswood 3	9.4	218.5	219.5	3068
2979 >E	Station 80 345kV Voltage	SBK Marcy R3108	8.5	327.8	339.9	2797
2980 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	8.9	218.5	219.5	2730
2981 >E	Roseton 345kV Voltage	Pre-Fault	11.7	NA	345	2981
2983 >E	Leeds 345kV Voltage	Pre-Fault	8.5	NA	345	2983
2983 >E	St.Lawrence 230kV Voltage	Marcy South N.	23.2	218.5	227.2	3655
2984 >E	St.Lawrence 230kV Voltage	Volney-Marcy	10.6	218.5	219.1	2913
2988 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	13.0	327.8	338.7	2141
2990 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	10.1	218.5	218.5	2977
2990 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	10.1	218.5	218.5	2948
2990 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	10.1	218.5	218.4	2945
2990 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	5.2	327.8	330.1	3078
2990 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	5.2	327.8	330.1	3078
2994 >E	Bowline 2 345kV Voltage	Pre-Fault	11.6	NA	345	2994
2996 >E	St.Lawrence 230kV Voltage	SBK Edic R70	10.9	218.5	217.9	3032
2996 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	5.1	327.8	329.1	2800
2996 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	5.1	327.8	329.1	2800
3004 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	5.5	327.8	327.6	2992

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3004 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	5.5	327.8	327.6	2992
3004 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	5.6	327.8	327.6	3041
3004 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	5.6	327.8	327.6	3041
3005 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	5.5	327.8	327.6	2932
3005 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	5.5	327.8	327.6	2932
3005 >E	Bowline 1 345kV Voltage	Pre-Fault	14.4	NA	345	3005
3008 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	5.6	327.8	326.9	2965
3008 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	5.6	327.8	326.9	2965
3008 >E	Dunwoodie 345kV Voltage	Ravenswood 3	12.6	327.8	335.9	3093
3009 >E	Sprain Brook 345kV Voltage	Ravenswood 3	12.5	327.8	335.9	3094
3010 >E	Station 80 345kV Voltage	Ph2 DC 1500	11.8	327.8	333.8	3279
3010 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	14.3	327.8	338.1	2087
3015 >E	St.Lawrence 230kV Voltage	SBK Edic R945	18.7	218.5	226.2	2154
3016 >E	Niagara 230kV East Voltage	Pre-Fault	14.0	NA	225	3016
3016 >E	Niagara 230kV West Voltage	Pre-Fault	14.0	NA	225	3016
3019 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	331.5	2972
3021 >E	Station 80 345kV Voltage	SBK Edic R945	13.7	327.8	338.9	2157
3022 >E	Station 80 345kV Voltage	Marcy South S.	9.5	327.8	330.7	3479
3023 >E	Pannell Road 345kV Voltage	Marcy South S.	10.8	327.8	331.6	3480
3029 >E	Gilboa 345kV Voltage	Ravenswood 3	6.1	327.8	330.0	3110
3030 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	20.9	218.5	226.0	2160
3031 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	14.6	327.8	334.6	3295
3032 >E	Buchanan North 345kV Voltage	Ravenswood 3	11.6	327.8	335.5	3113
3032 >E	Gilboa 345kV Voltage	Marcy South S.	11.3	327.8	344.8	3484
3033 >E	Rock Tavern 345kV Voltage	Ravenswood 3	7.8	327.8	334.1	3113
3035 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	6.0	327.8	321.9	2766
3035 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	6.0	327.8	321.9	2766
3036 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	15.2	327.8	338.5	2163
3037 >E	Millwood 345kV Voltage	Ravenswood 3	11.6	327.8	335.7	3117
3037 >E	Gilboa 345kV Voltage	SBK Marcy R3108	6.3	327.8	328.8	2809
3042 >E	Watercure 230kV Voltage	Marcy South N.	16.8	207	227.8	3674
3044 >E	Gilboa 345kV Voltage	Volney-Marcy	6.6	327.8	327.8	2968
3044 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	6.6	327.8	327.8	3031
3044 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	6.7	327.8	327.6	3000
3045 >E	Gilboa 345kV Voltage	SBK Edic R70	6.7	327.8	327.6	3085
3048 >E	Ramapo 500kV Voltage	SBK Edic R945	32.2	500	505.4	2170
3049 >E	Gilboa 345kV Voltage	SBK Princetown 345	6.7	327.8	326.9	2775
3051 >E	Pannell Road 345kV Voltage	SBK Princetown 345	14.7	327.8	331.7	2776

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3053 >E	Niagara 230kV East Voltage	SBK Marcy R3108	10.3	218.5	222.4	2812
3053 >E	Niagara 230kV West Voltage	SBK Marcy R3108	10.3	218.5	222.4	2812
3054 >E	Oakdale 345kV Voltage	Marcy South S.	10.9	320	321.7	3492
3054 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	33.4	500	505.3	2106
3056 >E	Buchanan South 345kV Voltage	Ravenswood 3	11.4	327.8	335.8	3133
3057 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	33.9	500	505.2	2173
3061 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	16.7	327.8	337.8	2110
3063 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	23.0	218.5	225.6	2111
3068 >E	Fraser 345kV Voltage	Marcy South S.	14.9	327.8	327.8	3498
3069 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	8.2	327.8	330.2	2788
3069 >E	Pannell Road 345kV Voltage	Ravenswood 3	16.5	327.8	330.9	3144
3070 >E	Oakdale 345kV Voltage	Ph2 DC 1500	15.9	320	329.0	3323
3076 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	8.5	327.8	329.4	3027
3077 >E	Rock Tavern 345kV Voltage	SBK Edic R70	8.6	327.8	329.3	3120
3086 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	10.3	327.8	332.3	3159
3086 >E	Ramapo 500kV Voltage	SBK Princetown 345	25.3	500	501.5	2799
3086 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	9.0	327.8	328.3	3040
3086 >E	Niagara 230kV East Voltage	Ravenswood 3	12.8	218.5	220.0	3159
3086 >E	Niagara 230kV West Voltage	Ravenswood 3	12.8	218.5	220.0	3159
3089 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	9.1	327.8	327.9	3075
3094 >E	Ramapo 345kV Voltage	Ravenswood 3	11.4	327.8	335.4	3165
3096 >E	Pannell Road 345kV Voltage	Volney-Marcy	21.6	327.8	329.7	3016
3097 >E	Niagara 230kV East Voltage	SBK Princetown 345	13.3	218.5	219.3	2806
3097 >E	Niagara 230kV West Voltage	SBK Princetown 345	13.3	218.5	219.3	2806
3098 >E	Ladentown 345kV Voltage	Ravenswood 3	11.0	327.8	335.9	3169
3099 >E	Bowline 2 345kV Voltage	Ravenswood 3	9.9	327.8	335.9	3170
3102 >E	Niagara 230kV East Voltage	Volney-Marcy	13.8	218.5	218.9	3022
3102 >E	Niagara 230kV West Voltage	Volney-Marcy	13.8	218.5	218.9	3022
3103 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	27.2	500	500.9	3053
3107 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	14.0	218.5	218.5	3057
3107 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	14.0	218.5	218.5	3057
3107 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	14.0	218.5	218.5	3060
3107 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	14.0	218.5	218.5	3060
3107 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	14.0	218.5	218.5	3093
3107 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	14.0	218.5	218.5	3093
3107 >E	Niagara 230kV East Voltage	SBK Edic R70	14.1	218.5	218.5	3154
3107 >E	Niagara 230kV West Voltage	SBK Edic R70	14.1	218.5	218.5	3154
3110 >E	Watercure 230kV Voltage	SBK Marcy R3108	8.4	207	220.2	2824

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3112 >E	Rock Tavern 345kV Voltage	Volney-Marcy	10.1	327.8	325.5	3030
3117 >E	Ramapo 500kV Voltage	SBK Edic R70	28.6	500	500.4	3164
3118 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	16.9	327.8	340.6	3358
3118 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	16.9	327.8	340.6	3358
3118 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	14.4	327.8	328.6	3067
3118 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	14.3	327.8	328.6	3067
3121 >E	Somerset 345kV Voltage	Marcy South N.	17.6	327.8	347.1	3699
3122 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	10.5	327.8	329.1	3071
3123 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	29.3	500	500.2	3076
3123 >E	Dunwoodie 345kV Voltage	SBK Edic R70	14.7	327.8	328.3	3171
3123 >E	Roseton 345kV Voltage	Ravenswood 3	10.6	327.8	332.8	3190
3123 >E	Sprain Brook 345kV Voltage	SBK Edic R70	14.6	327.8	328.3	3171
3125 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	13.2	327.8	328.9	3074
3126 >E	Buchanan North 345kV Voltage	SBK Princetown 345	13.1	327.8	328.8	2824
3127 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	14.6	327.8	328.0	2825
3127 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	14.5	327.8	328.0	2825
3128 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	29.8	500	500.1	3114
3129 >E	Bowline 1 345kV Voltage	Ravenswood 3	11.8	327.8	336.4	3195
3129 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	8.5	327.8	327.8	3115
3129 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	8.5	327.8	327.8	3078
3129 >E	Leeds 345kV Voltage	Volney-Marcy	8.5	327.8	327.8	3046
3129 >E	Leeds 345kV Voltage	SBK Marcy R3108	8.5	327.8	327.8	2828
3129 >E	Leeds 345kV Voltage	SBK Edic R70	8.5	327.8	327.8	3177
3129 >E	Leeds 345kV Voltage	Ravenswood 3	8.5	327.8	327.8	3195
3129 >E	Leeds 345kV Voltage	SBK Princetown 345	8.5	327.8	327.8	2826
3129 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	8.5	327.8	327.8	3082
3130 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	15.0	327.8	327.8	3082
3130 >E	Buchanan North 345kV Voltage	SBK Edic R70	13.5	327.8	328.6	3178
3130 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	15.1	327.8	327.8	3116
3130 >E	Ramapo 500kV Voltage	Pre-Fault	30.1	NA	500	3130
3130 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	14.9	327.8	327.8	3083
3130 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	15.0	327.8	327.8	3116
3131 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	13.0	327.8	328.9	3080
3133 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	10.9	327.8	328.1	3181
3134 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	22.0	327.8	328.0	3083
3135 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	22.0	327.8	327.9	3087

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3137 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	11.1	327.8	327.8	3123
3137 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	22.2	327.8	327.8	3123
3137 >E	Millwood 345kV Voltage	SBK Edic R70	13.3	327.8	328.4	3186
3138 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	13.9	327.8	328.0	3090
3138 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	11.1	327.8	327.7	3090
3139 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	14.0	327.8	327.9	3125
3141 >E	Millwood 345kV Voltage	SBK Princetown 345	13.2	327.8	328.1	2834
3143 >E	Ramapo 500kV Voltage	Volney-Marcy	32.5	500	499.6	3059
3143 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	11.0	327.8	327.2	2835
3144 >E	Dunwoodie 345kV Voltage	Volney-Marcy	15.8	327.8	326.9	3060
3145 >E	Sprain Brook 345kV Voltage	Volney-Marcy	15.7	327.8	326.9	3060
3145 >E	Ramapo 500kV Voltage	SBK Marcy R3108	33.0	500	499.5	2831
3145 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	13.6	327.8	327.9	3097
3145 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	13.7	327.8	327.8	3131
3146 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	11.4	327.8	327.0	3062
3146 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	11.6	327.8	321.7	2832
3148 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	12.8	327.8	329.0	3097
3155 >E	Buchanan South 345kV Voltage	SBK Edic R70	13.1	327.8	328.5	3205
3155 >E	Buchanan South 345kV Voltage	SBK Princetown 345	12.8	327.8	328.5	2843
3155 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	11.8	327.8	326.2	2833
3158 >E	Buchanan North 345kV Voltage	Volney-Marcy	15.0	327.8	326.5	3073
3161 >E	Millwood 345kV Voltage	Volney-Marcy	14.4	327.8	326.7	3075
3163 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	13.4	327.8	327.9	3114
3163 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	16.9	327.8	325.6	2835
3164 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	13.5	327.8	327.8	3149
3164 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	16.8	327.8	325.6	2835
3167 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	38.9	218.5	224.1	3395
3167 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	11.1	327.8	329.0	3114
3168 >E	Ramapo 500kV Voltage	Marcy South S.	36.6	500	502.6	3538
3171 >E	Roseton 345kV Voltage	SBK Princetown 345	11.1	327.8	328.7	2854
3172 >E	Roseton 345kV Voltage	SBK Edic R70	11.3	327.8	328.6	3224
3174 >E	Ramapo 345kV Voltage	SBK Princetown 345	12.7	327.8	329.6	2856
3175 >E	Bowline 2 345kV Voltage	SBK Princetown 345	10.9	327.8	329.3	2856
3177 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	11.0	327.8	329.2	3124
3178 >E	Leeds 345kV Voltage	Marcy South S.	14.5	327.8	349.1	3542
3179 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	13.0	327.8	329.3	3125
3179 >E	Fraser 345kV Voltage	Ph2 DC 1500	21.1	327.8	327.8	3404

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3180 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	11.6	327.8	327.9	3130
3181 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	11.6	327.8	327.9	3166
3181 >E	Bowline 2 345kV Voltage	SBK Edic R70	11.2	327.8	328.8	3234
3181 >E	Millwood 345kV Voltage	SBK Marcy R3108	15.4	327.8	325.2	2839
3182 >E	Buchanan South 345kV Voltage	Volney-Marcy	14.3	327.8	326.5	3095
3182 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	16.2	327.8	324.8	2839
3183 >E	Ramapo 345kV Voltage	SBK Edic R70	13.2	327.8	328.9	3237
3184 >E	Ladentown 345kV Voltage	SBK Princetown 345	12.3	327.8	329.4	2862
3185 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	25.0	327.8	333.8	3408
3185 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	12.5	327.8	329.3	3132
3190 >E	Watercure 230kV Voltage	Pre-Fault	15.6	NA	215	3190
3190 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	11.5	327.8	328.1	3140
3191 >E	St.Lawrence 230kV Voltage	Marcy South S.	33.4	218.5	222.0	3548
3191 >E	Ladentown 345kV Voltage	SBK Edic R70	12.7	327.8	328.8	3245
3192 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	11.6	327.8	327.9	3177
3194 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	13.6	327.8	328.1	3144
3197 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	13.7	327.8	327.9	3182
3198 >E	Roseton 345kV Voltage	Volney-Marcy	12.3	327.8	326.4	3109
3201 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	13.1	327.8	328.1	3151
3203 >E	Fraser 345kV Voltage	Marcy South N.	18.7	327.8	327.8	3725
3203 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	13.2	327.8	327.9	3189
3206 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	15.4	327.8	324.7	2844
3212 >E	Bowline 2 345kV Voltage	Volney-Marcy	12.3	327.8	326.1	3123
3220 >E	Roseton 345kV Voltage	SBK Marcy R3108	13.1	327.8	324.5	2847
3223 >E	Pannell Road 345kV Voltage	SBK Edic R70	31.0	327.8	324.0	3280
3224 >E	Ramapo 345kV Voltage	Volney-Marcy	14.9	327.8	326.0	3134
3226 >E	Bowline 1 345kV Voltage	SBK Princetown 345	13.3	327.8	329.6	2889
3228 >E	Ladentown 345kV Voltage	Volney-Marcy	14.2	327.8	326.1	3137
3228 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	13.5	327.8	329.5	3173
3235 >E	Gilboa 345kV Voltage	SBK Edic R945	18.7	327.8	341.8	2259
3235 >E	Bowline 1 345kV Voltage	SBK Edic R70	13.8	327.8	329.0	3293
3239 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	13.3	327.8	323.8	2851
3248 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	14.2	327.8	328.1	3196
3251 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	14.3	327.8	327.9	3235
3254 >E	Watercure 230kV Voltage	Ravenswood 3	13.7	207	210.9	3301
3256 >E	Watercure 230kV Voltage	SBK Princetown 345	13.6	207	210.8	2908

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3260 >E	Ladentown 345kV Voltage	SBK Marcy R3108	15.5	327.8	323.6	2855
3261 >E	Ramapo 345kV Voltage	SBK Marcy R3108	16.5	327.8	323.3	2856
3261 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	20.1	327.8	341.2	2269
3263 >E	Watercure 230kV Voltage	SBK Edic R945	18.2	207	225.0	2272
3265 >E	Gordon Rd 345kV Voltage	SBK Edic R945	19.9	327.8	322.7	2273
3279 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	20.3	327.8	335.6	2280
3279 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	20.3	327.8	335.6	2280
3280 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	20.8	327.8	340.7	2208
3281 >E	Bowline 1 345kV Voltage	Volney-Marcy	15.5	327.8	325.8	3186
3283 >E	Watercure 230kV Voltage	Volney-Marcy	15.0	207	209.0	3188
3289 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	21.2	327.8	321.6	2282
3303 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	20.2	207	224.2	2288
3304 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	21.7	327.8	334.8	2289
3304 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	21.7	327.8	334.8	2289
3309 >E	Gilboa 345kV Voltage	Marcy South N.	21.8	327.8	341.3	3759
3312 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	15.5	207	207.2	3257
3313 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	15.5	207	207.1	3254
3314 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	15.6	207	207.0	3298
3323 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	17.0	327.8	322.9	2869
3324 >E	Somerset 345kV Voltage	Marcy South S.	18.7	327.8	331.4	3601
3329 >E	Gardenville 230kV Voltage	SBK Marcy R3108	15.6	207	218.4	2870
3334 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	22.7	327.8	333.9	2232
3334 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	22.7	327.8	333.9	2232
3335 >E	Somerset 345kV Voltage	Ph2 DC 1500	21.8	327.8	335.8	3519
3342 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	21.8	207	223.4	2236
3343 >E	Ramapo 500kV Voltage	Marcy South N.	70.8	500	504.3	3770
3344 >E	Watercure 230kV Voltage	SBK Edic R70	16.7	207	205.1	3412
3367 >E	Gardenville 230kV Voltage	Pre-Fault	26.4	NA	217	3367
3404 >E	Rock Tavern 345kV Voltage	SBK Edic R945	29.5	327.8	345.4	2340
3407 >E	Somerset 345kV Voltage	SBK Edic R945	24.7	327.8	343.2	2341
3432 >E	Gilboa 345kV Voltage	Ph2 DC 1500	26.7	327.8	336.4	3590
3447 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	32.0	327.8	345.0	2356
3463 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	27.4	327.8	342.3	2363
3473 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	32.8	327.8	344.8	2294
3505 >E	Pleasant Valley 345kV Voltage	Marcy South S.	36.4	327.8	343.3	3674
3515 >E	Leeds 345kV Voltage	Marcy South N.	27.2	327.8	346.9	3825
3521 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	29.7	327.8	341.3	2316
3526 >E	Gardenville 230kV Voltage	Ravenswood 3	22.7	207	211.0	3531
3543 >E	Rainey 345kV Voltage	Ravenswood 3	32.5	327.8	342.0	3546
3562 >E	Gardenville 230kV Voltage	SBK Princetown 345	24.1	207	209.6	3106

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3584 >E	Farragut 345kV Voltage	Ravenswood 3	34.4	327.8	341.3	3581
3609 >E	Gardenville 230kV Voltage	Volney-Marcy	25.8	207	207.8	3487
3628 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	26.3	207	207.1	3557
3629 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	26.4	207	207.1	3562
3631 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	26.4	207	207.0	3611
3636 >E	Watercure 230kV Voltage	Marcy South S.	28.2	207	208.5	3727
3650 >E	Gardenville 230kV Voltage	SBK Edic R70	27.2	207	206.3	3746
3674 >E	Watercure 230kV Voltage	Ph2 DC 1500	36.4	207	217.7	3768
3708 >E	Niagara 345kV Voltage	Marcy South N.	34.2	327.8	350.8	3886
3715 >E	Niagara 230kV East Voltage	Marcy South N.	68.0	218.5	230.9	3888
3715 >E	Niagara 230kV West Voltage	Marcy South N.	68.0	218.5	230.9	3888
3748 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	53.5	327.8	340.5	3823
3758 >E	Rainey 345kV Voltage	Pre-Fault	53.9	NA	338	3758
3766 >E	Buchanan North 345kV Voltage	SBK Edic R945	54.9	327.8	340.7	2512
3771 >E	Farragut 345kV Voltage	Pre-Fault	56.5	NA	338	3771
3815 >E	Pleasant Valley 345kV Voltage	Marcy South N.	47.5	327.8	341.0	3920
3823 >E	Ramapo 345kV Voltage	SBK Edic R945	46.9	327.8	344.5	2539
3827 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	58.7	327.8	340.3	2534
3846 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	59.2	327.8	340.2	2461
3885 >E	Leeds 345kV Voltage	Ph2 DC 1500	37.3	327.8	341.1	3924
3885 >E	Goethals 345kV Voltage	Ravenswood 3	46.3	327.8	340.5	3836
3891 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	50.4	327.8	344.1	2564
3898 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	49.0	327.8	341.1	3934
3911 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	50.9	327.8	344.0	2490
3938 >E	Ramapo 345kV Voltage	Ph2 DC 1500	51.3	327.8	343.4	3963
3956 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	51.3	327.8	343.8	3977
3975 >E	Ladentown 345kV Voltage	SBK Edic R945	50.4	327.8	345.3	2611
3987 >E	Gardenville 230kV Voltage	Marcy South N.	50.0	207	228.4	3975
3991 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	57.8	327.8	343.2	4002
4006 >E	Ladentown 345kV Voltage	Ph2 DC 1500	51.1	327.8	344.5	4013
4023 >E	Coopers Corners 345kV Voltage	Marcy South N.	40.5	327.8	304.6	3987
4041 >E	Millwood 345kV Voltage	Ph2 DC 1500	64.6	327.8	342.9	4039
4049 >E	Bowline 1 345kV Voltage	SBK Edic R945	50.1	327.8	346.5	2647
4052 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	54.0	327.8	344.9	2640
4063 >E	Niagara 345kV Voltage	Marcy South S.	39.4	327.8	332.5	3900
4069 >E	Niagara 345kV Voltage	Ph2 DC 1500	42.3	327.8	338.8	4060
4072 >E	Bowline 2 345kV Voltage	SBK Edic R945	50.1	327.8	346.8	2658
4074 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	54.5	327.8	344.8	2563
4079 >E	Goethals 345kV Voltage	Pre-Fault	77.5	NA	338	4079
4083 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	50.9	327.8	345.5	4070

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4098 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	50.5	327.8	345.7	4081
4131 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	79.7	327.8	341.4	4106
4131 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	53.7	327.8	346.1	2677
4155 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	81.4	327.8	341.5	4123
4155 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	54.3	327.8	345.9	2599
4157 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	53.7	327.8	346.4	2689
4179 >E	Niagara 230kV East Voltage	Ph2 DC 1500	92.9	218.5	225.8	4141
4179 >E	Niagara 230kV West Voltage	Ph2 DC 1500	92.9	218.5	225.8	4141
4180 >E	Buchanan South 345kV Voltage	SBK Edic R945	67.8	327.8	343.0	2709
4180 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	54.3	327.8	346.3	2610
4200 >E	Niagara 230kV East Voltage	SBK Edic R945	92.3	218.5	228.8	2719
4200 >E	Niagara 230kV West Voltage	SBK Edic R945	92.3	218.5	228.8	2719
4203 >E	Niagara 345kV Voltage	SBK Edic R945	46.0	327.8	346.7	2720
4221 >E	Roseton 345kV Voltage	Marcy South S.	55.7	327.8	340.4	3964
4239 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	51.3	327.8	329.1	4143
4241 >E	Rainey 345kV Voltage	SBK Princetown 345	51.1	327.8	329.0	3544
4271 >E	Rainey 345kV Voltage	SBK Edic R70	52.5	327.8	328.5	4424
4273 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	72.6	327.8	342.6	2743
4274 >E	Farragut 345kV Voltage	SBK Princetown 345	53.4	327.8	329.1	3565
4275 >E	Millwood 345kV Voltage	Marcy South S.	77.0	327.8	337.9	3985
4275 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	53.8	327.8	329.1	4178
4297 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	53.4	327.8	328.0	4204
4305 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	53.8	327.8	327.9	4277
4306 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	73.5	327.8	342.5	2667
4308 >E	Niagara 230kV East Voltage	Marcy South S.	96.0	218.5	221.8	3999
4308 >E	Niagara 230kV West Voltage	Marcy South S.	96.0	218.5	221.8	3999
4308 >E	Farragut 345kV Voltage	SBK Edic R70	55.1	327.8	328.5	4465
4334 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	56.0	327.8	328.0	4240
4339 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	102.1	218.5	228.3	2774
4339 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	102.1	218.5	228.3	2774
4341 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	50.9	327.8	345.6	2775
4343 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	56.3	327.8	327.9	4315
4371 >E	Rainey 345kV Voltage	Volney-Marcy	56.2	327.8	326.6	4187
4375 >E	Roseton 345kV Voltage	Ph2 DC 1500	62.6	327.8	344.4	4285
4409 >E	Farragut 345kV Voltage	Volney-Marcy	58.8	327.8	326.7	4222
4409 >E	Buchanan North 345kV Voltage	Marcy South S.	76.8	327.8	332.0	4040
4413 >E	Sprain Brook 345kV Voltage	Marcy South S.	97.0	327.8	337.1	4041
4416 >E	Millwood 345kV Voltage	SBK Edic R945	85.4	327.8	342.3	2822
4416 >E	Dunwoodie 345kV Voltage	Marcy South S.	98.2	327.8	337.3	4042

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4419 >E	Roseton 345kV Voltage	SBK Edic R945	65.6	327.8	344.7	2823
4455 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	109.8	218.5	227.9	2733
4455 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	109.8	218.5	227.9	2733
4461 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	54.8	327.8	344.6	2736
4482 >E	Rainey 345kV Voltage	SBK Marcy R3108	60.3	327.8	324.6	3112
4504 >E	Buchanan South 345kV Voltage	Marcy South S.	78.3	327.8	336.1	4078
4523 >E	Farragut 345kV Voltage	SBK Marcy R3108	63.1	327.8	324.7	3120
4527 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	70.1	327.8	344.2	2862
4528 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	91.7	327.8	342.0	2863
4575 >E	Millwood 345kV Voltage	Marcy South N.	89.1	327.8	335.3	4163
4578 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	93.2	327.8	341.9	2788
4579 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	71.7	327.8	344.0	2789
4591 >E	Sprain Brook 345kV Voltage	SBK Edic R945	109.6	327.8	341.1	2905
4612 >E	Roseton 345kV Voltage	Marcy South N.	69.2	327.8	337.6	4175
4647 >E	Dunwoodie 345kV Voltage	SBK Edic R945	113.7	327.8	341.1	2932
4679 >E	Dunwoodie 345kV Voltage	Marcy South N.	109.0	327.8	333.9	4196
4682 >E	Sprain Brook 345kV Voltage	Marcy South N.	108.3	327.8	333.9	4197
4721 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	118.0	327.8	340.8	2954
4737 >E	Goethals 345kV Voltage	SBK Princetown 345	72.1	327.8	329.5	3864
4761 >E	Buchanan North 345kV Voltage	Marcy South N.	97.4	327.8	332.8	4222
4782 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	122.4	327.8	340.9	2982
4785 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	120.3	327.8	340.7	2881
4786 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	74.3	327.8	328.9	4668
4800 >E	Station 80 345kV Voltage	SBK Princetown 345	177.0	327.8	364.4	3905
4828 >E	Goethals 345kV Voltage	SBK Edic R70	76.0	327.8	328.3	5032
4846 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	76.6	327.8	328.1	4732
4848 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	124.9	327.8	340.8	2909
4850 >E	Buchanan South 345kV Voltage	Marcy South N.	93.3	327.8	334.9	4250
4864 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	77.3	327.8	327.9	4829
4893 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	91.0	327.8	339.4	3049
4924 >E	Goethals 345kV Voltage	Volney-Marcy	79.5	327.8	327.1	4695
4938 >E	Leeds 345kV Voltage	SBK Edic R945	75.0	327.8	327.8	3070
4938 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	75.0	327.8	327.8	3055
4939 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	75.0	327.8	327.8	2950
4949 >E	Rock Tavern 345kV Voltage	Marcy South N.	77.1	327.8	324.5	4282
4970 >E	Ramapo 345kV Voltage	Marcy South S.	82.1	327.8	330.6	4266
4993 >E	Gardenville 230kV Voltage	SBK Edic R945	80.6	207	227.2	3097
5008 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	96.2	327.8	338.8	3088
5060 >E	Goethals 345kV Voltage	SBK Marcy R3108	84.7	327.8	325.3	3233
5100 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	99.1	327.8	338.4	3022

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5128 >E	Ladentown 345kV Voltage	Marcy South S.	86.5	327.8	331.0	4330
5263 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	90.9	207	226.3	3208
5374 >E	Ramapo 345kV Voltage	Marcy South N.	102.2	327.8	332.4	4418
5443 >E	Rock Tavern 345kV Voltage	Marcy South S.	88.3	327.8	316.6	4457
5479 >E	Bowline 1 345kV Voltage	Marcy South S.	94.1	327.8	329.5	4472
5494 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	99.3	207	225.5	3198
5541 >E	Bowline 2 345kV Voltage	Marcy South S.	95.0	327.8	329.4	4497
5619 >E	Ladentown 345kV Voltage	Marcy South N.	108.0	327.8	333.1	4496
5745 >E	Gardenville 230kV Voltage	Marcy South S.	105.8	207	214.5	4579
6056 >E	Gardenville 230kV Voltage	Ph2 DC 1500	118.9	207	222.3	5524
6094 >E	Bowline 1 345kV Voltage	Marcy South N.	119.0	327.8	331.5	4647
6129 >E	Bowline 2 345kV Voltage	Marcy South N.	118.5	327.8	333.7	4659
6144 >E	Northport 138kV Voltage	Pre-Fault	366.0	NA	135	6144
6691 >E	Northport 138kV Voltage	Ravenswood 3	304.0	131.1	133.5	6212
6726 >E	Coopers Corners 345kV Voltage	Marcy South S.	99.7	327.8	191.0	4975
7381 >E	Northport 138kV Voltage	N.Scot-Leeds 345	351.3	131.1	131.6	7160
7457 >E	Northport 138kV Voltage	SBK Princetown 345	356.7	131.1	131.4	5620
7462 >E	Northport 138kV Voltage	SBK Edic R70	357.5	131.1	131.4	7907
7553 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	364.5	131.1	131.1	7334
7564 >E	Northport 138kV Voltage	Princetown-N.Scot 345	365.4	131.1	131.1	7498
7774 >E	Northport 138kV Voltage	Volney-Marcy	381.6	131.1	130.5	7312
8102 >E	Northport 138kV Voltage	SBK Marcy R3108	407.1	131.1	129.6	3871
8569 >E	Farragut 345kV Voltage	Ph2 DC 1500	221.7	327.8	350.6	7377
8577 >E	Rainey 345kV Voltage	Ph2 DC 1500	217.6	327.8	351.0	7383
9939 >E	Goethals 345kV Voltage	Ph2 DC 1500	277.7	327.8	351.5	8387
10506 >E	Rainey 345kV Voltage	Marcy South S.	290.1	327.8	344.4	6502
10569 >E	Farragut 345kV Voltage	Marcy South S.	298.4	327.8	344.0	6528
11495 >E	Rainey 345kV Voltage	SBK Edic R945	328.5	327.8	350.4	6194
11516 >E	Farragut 345kV Voltage	SBK Edic R945	335.9	327.8	349.8	6204
11819 >E	Rainey 345kV Voltage	Marcy South N.	336.9	327.8	337.6	6474
11923 >E	Farragut 345kV Voltage	Marcy South N.	347.7	327.8	337.4	6507
12159 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	353.9	327.8	350.1	6442
12170 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	361.4	327.8	349.5	6448

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
12239	Rainey 345kV Voltage	Marcy-N.Scot99 345	356.0	327.8	350.0	6215
>E						
12252	Farragut 345kV Voltage	Marcy-N.Scot99 345	363.6	327.8	349.5	6221
>E						
13061	Goethals 345kV Voltage	Marcy South S.	398.8	327.8	345.1	7534
>E						
14304	Goethals 345kV Voltage	SBK Edic R945	448.3	327.8	351.0	7532
>E						
14449	Station 80 345kV Voltage	Ravenswood 3	1103.1	327.8	493.9	12783
>E						
15067	Goethals 345kV Voltage	Marcy South N.	474.2	327.8	337.5	7510
>E						
15108	Goethals 345kV Voltage	Marcy-N.Scot99 345	478.9	327.8	350.9	7498
>E						
15182	Goethals 345kV Voltage	Edic-Gordon Rd. 345	482.8	327.8	350.9	7860
>E						
20125	Northport 138kV Voltage	Ph2 DC 1500	1361.2	131.1	145.5	15896
>E						
47070	Northport 138kV Voltage	Marcy South N.	3470.9	131.1	135.4	17720
>E						
67284	Northport 138kV Voltage	SBK Edic R945	5074.4	131.1	150.8	32770
>E						
74950	Northport 138kV Voltage	Edic-Gordon Rd. 345	5678.5	131.1	151.7	35895
>E						
78604	Northport 138kV Voltage	Marcy-N.Scot99 345	5962.5	131.1	152.0	35901
>E						
97752	Northport 138kV Voltage	Marcy South S.	7487.7	131.1	144.6	41741
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

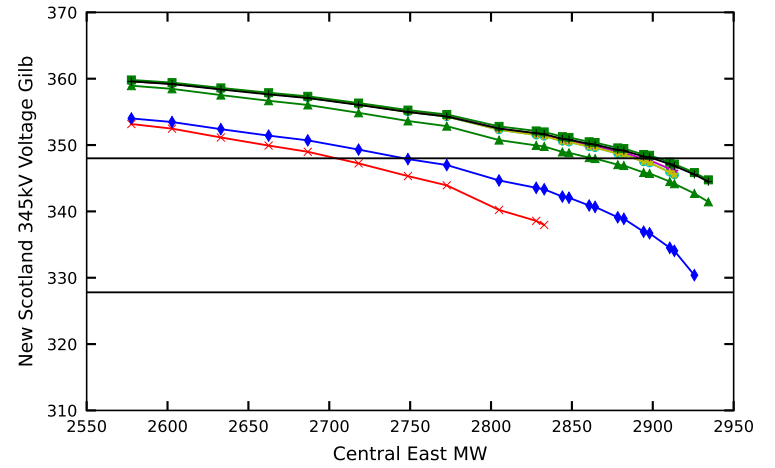
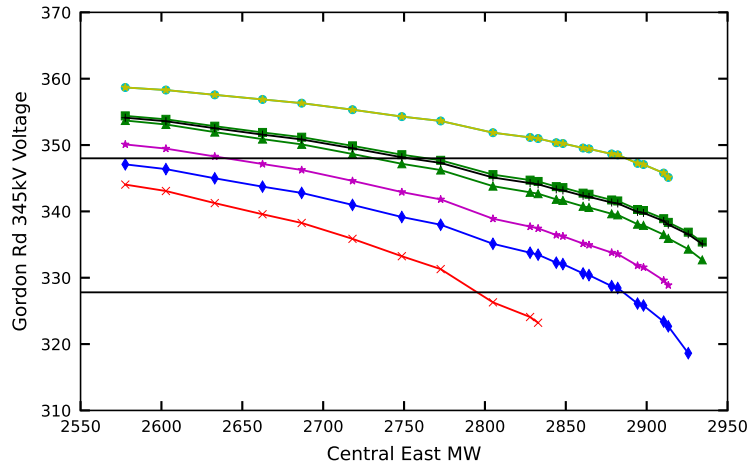
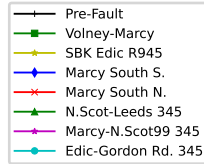
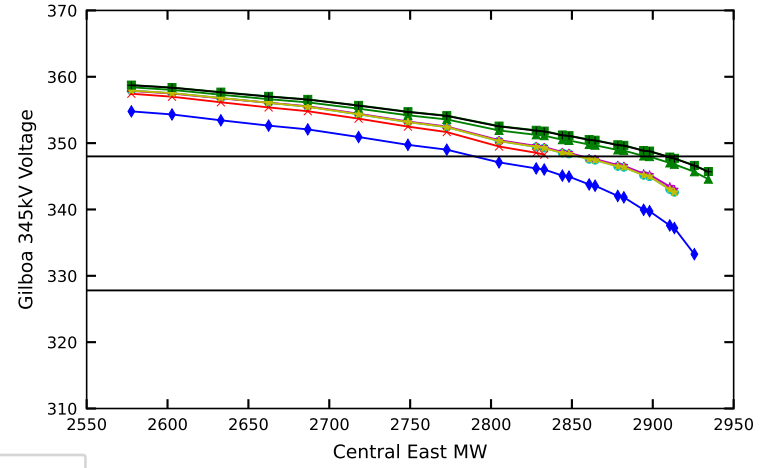
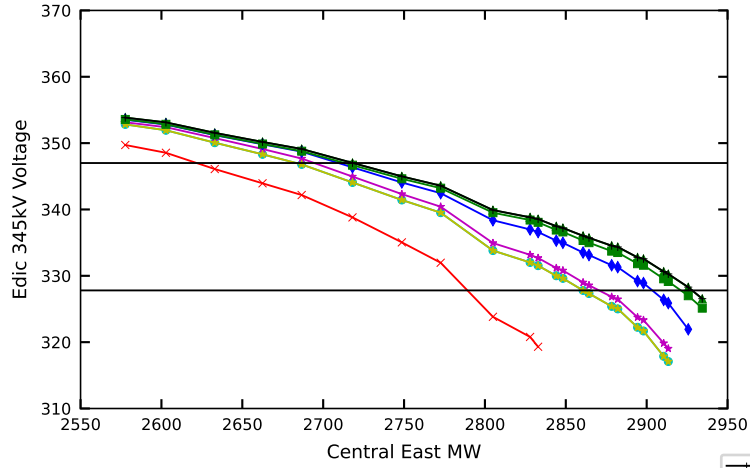
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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0ED CAPS

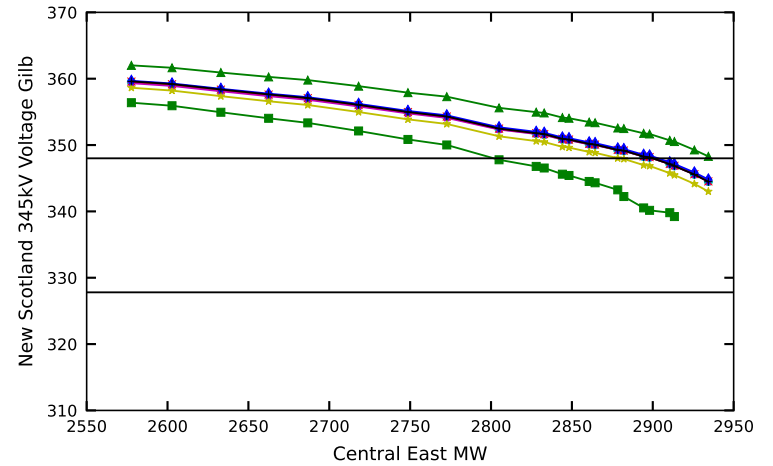
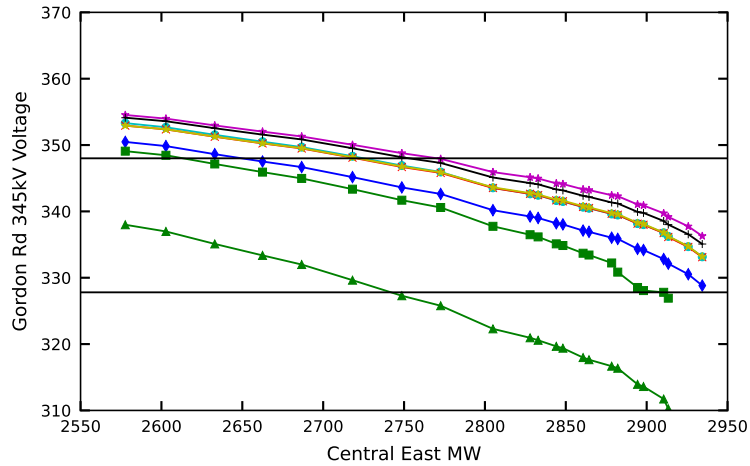
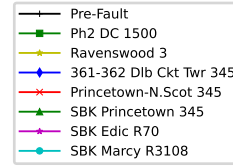
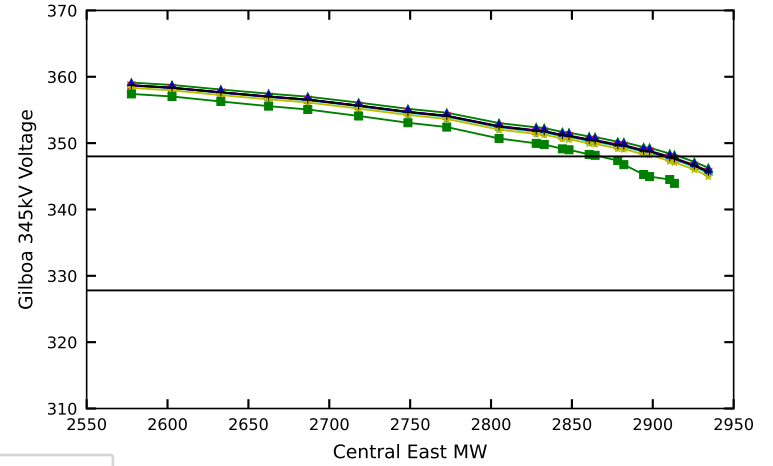
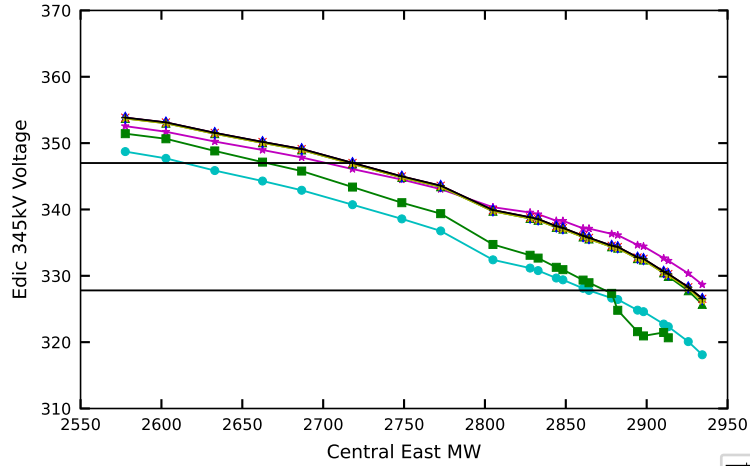
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

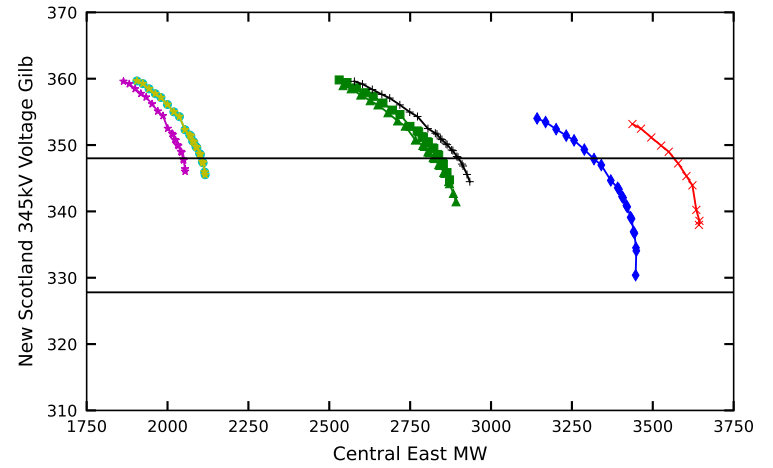
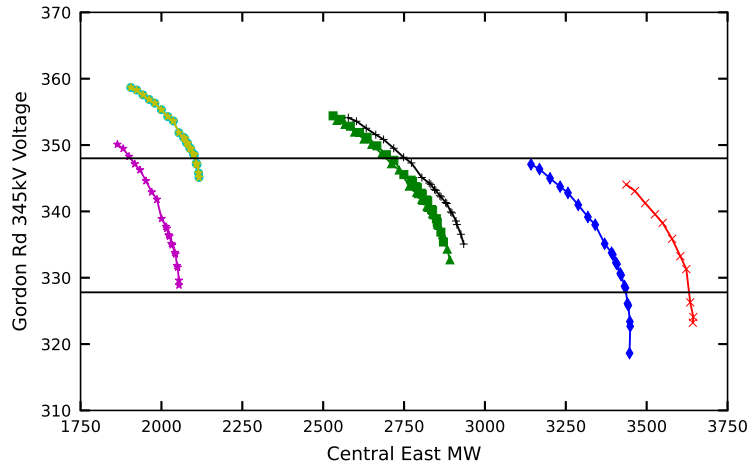
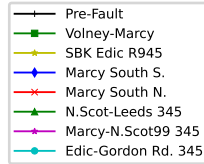
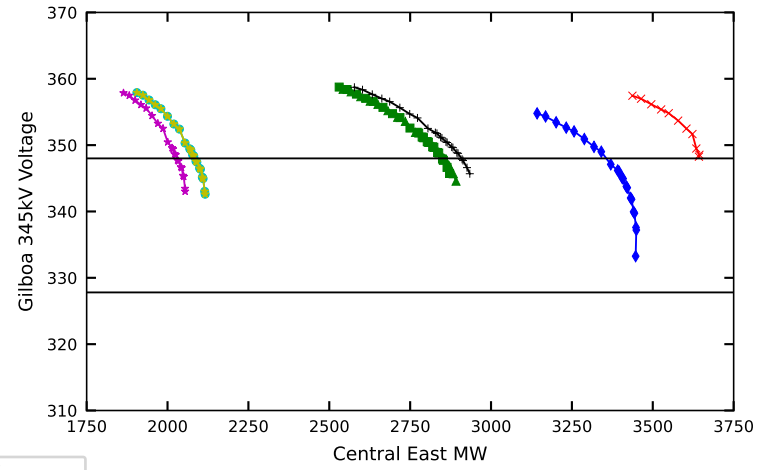
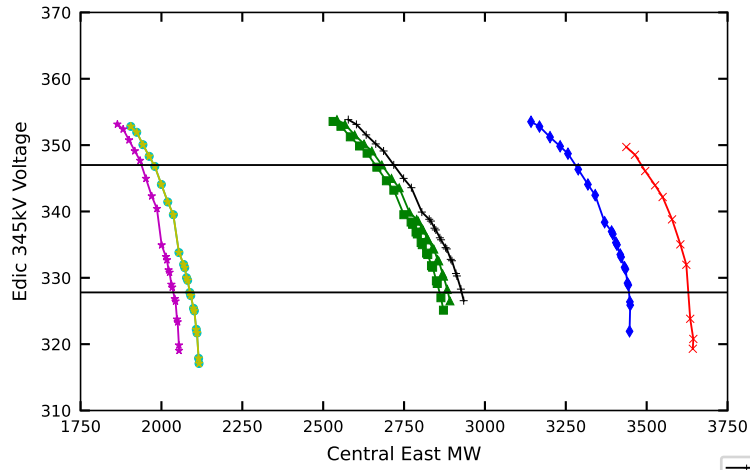
1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS Figure 1



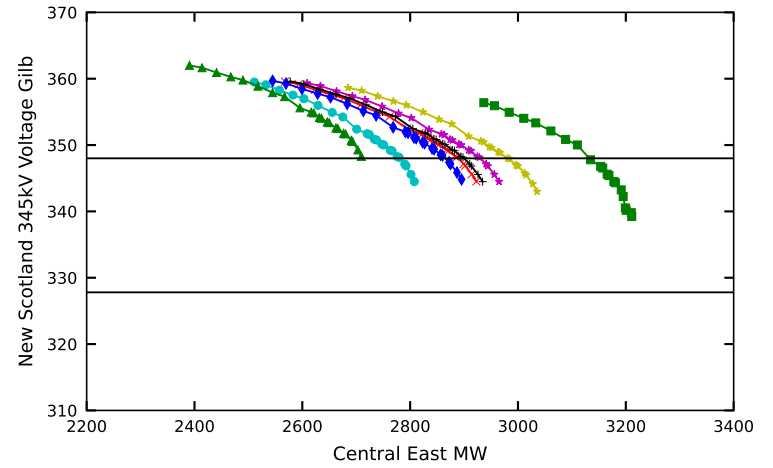
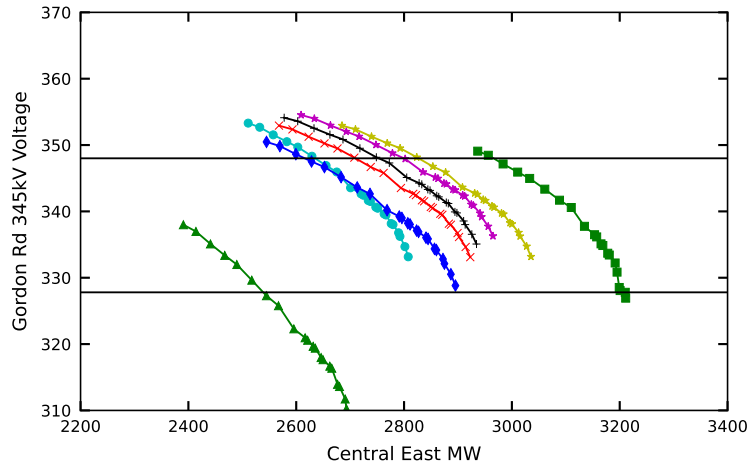
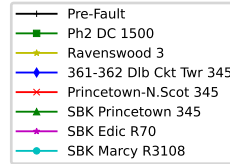
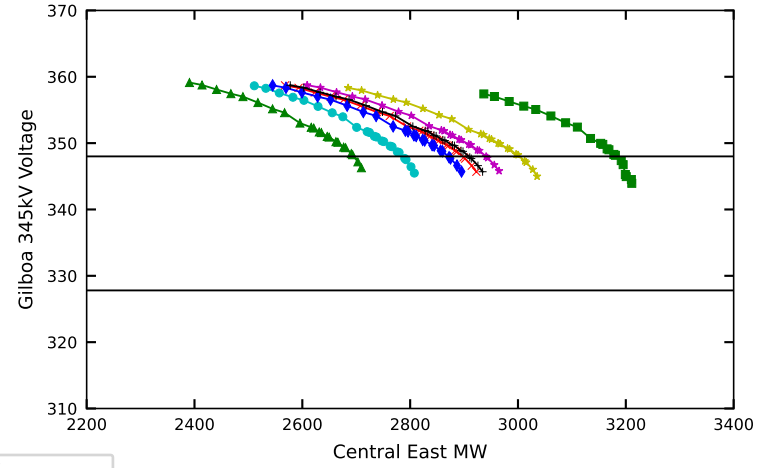
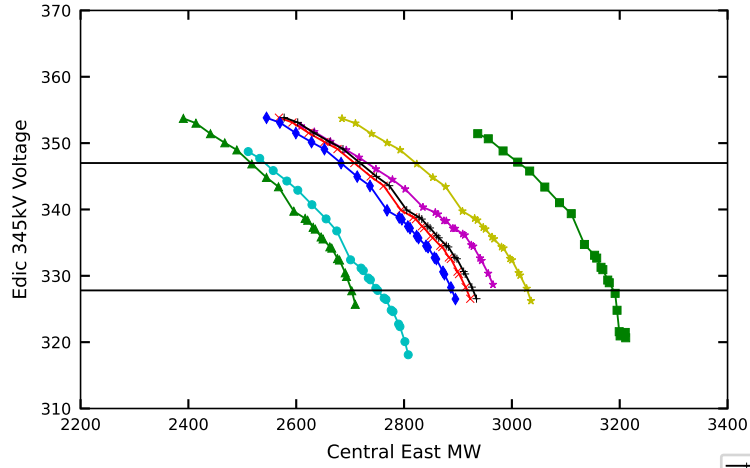
1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS Figure 2



1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS Figure 1



1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\OFR_CAPS\Sum2023_CEVC_PH2_3O_OFR_CAPS.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1300 3O OFR_CAPS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2577	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2602	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2632	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2662	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2686	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2718	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2748	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2772	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2804	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2827	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2832	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2844	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2848	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2860	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2864	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2878	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2882	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2894	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2898	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2910	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2913	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2925	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	2															
2934	t2	0	2	2	0	2	1	2	0	0	0	0	0	0	0	2
	3															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

02-28-2023 15:49

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 3O OFR_CAPS

Interface: Central East

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2614 >E	Dunwoodie 345kV Voltage	Pre-Fault	61.6	NA	348	2614
2626 >E	Sprain Brook 345kV Voltage	Pre-Fault	60.5	NA	348	2626
2686	limit with 5% margin	Marcy South N.	NA	NA	NA	3461
2704	Marcy 345kV Voltage	Pre-Fault	14.8	NA	348	2704
2718	Edic 345kV Voltage	Pre-Fault	15.0	NA	347	2718
2741	Gordon Rd 345kV Voltage	SBK Princetown 345	13.0	327.8	348.5	2538
2753	Gordon Rd 345kV Voltage	Pre-Fault	28.0	NA	348	2753
2762	Millwood 345kV Voltage	Pre-Fault	154.5	NA	348	2762
2767	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2010
2767	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1951
2767	limit with 5% margin	Marcy South S.	NA	NA	NA	3276
2767	limit with 5% margin	SBK Edic R945	NA	NA	NA	2010
2767	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3050
2787	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2747
2787	limit with 5% margin	Volney-Marcy	NA	NA	NA	2728
2787	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2667
2787	limit with 5% margin	SBK Edic R70	NA	NA	NA	2816
2787	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2574
2787	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2776
2787	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2750
2787	limit with 5% margin	Ravenswood 3	NA	NA	NA	2883
2789	Edic 345kV Voltage	Marcy South N.	4.0	327.8	341.7	3628
2790	Marcy 345kV Voltage	Marcy South N.	4.0	327.8	341.6	3629
2795	Gordon Rd 345kV Voltage	Marcy South N.	6.5	327.8	345.8	3630
2800	Station 80 345kV Voltage	Pre-Fault	14.8	NA	346	2800
2800	Pannell Road 345kV Voltage	Pre-Fault	15.1	NA	346	2800
2804	Oakdale 345kV Voltage	Marcy South N.	4.6	320	341.6	3634
2822	Clay 345kV Voltage	Marcy South N.	10.3	327.8	345.1	3642
2826	Clay 345kV Voltage	Pre-Fault	39.7	NA	345	2826
2850	Fraser 345kV Voltage	Pre-Fault	11.1	NA	338	2850
2851	Buchanan North 345kV Voltage	Pre-Fault	48.0	NA	346	2851
2857	Marcy 345kV Voltage	SBK Edic R945	6.8	327.8	336.3	2086
2857	Marcy 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	336.3	2086
2860	Edic 345kV Voltage	SBK Edic R945	6.9	327.8	336.0	2087
2860	Edic 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	336.0	2087
2864	Edic 345kV Voltage	SBK Marcy R3108	11.4	327.8	335.7	2751
2870	Edic 345kV Voltage	Marcy-N.Scot99 345	8.1	327.8	335.2	2036
2874	Edic 345kV Voltage	Ph2 DC 1500	8.8	327.8	334.9	3188
2876	Marcy 345kV Voltage	Ph2 DC 1500	8.7	327.8	334.7	3189
2877	Marcy 345kV Voltage	Marcy-N.Scot99 345	8.1	327.8	334.6	2040

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2885	Gordon Rd 345kV Voltage	Marcy South S.	5.2	327.8	340.8	3436
2886	Oakdale 345kV Voltage	Pre-Fault	7.8	NA	335	2886
2886	Fraser 345kV Voltage	Edic-Gordon Rd. 345	5.0	327.8	334.9	2103
2886	Fraser 345kV Voltage	SBK Edic R945	4.9	327.8	334.9	2103
2890	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.1	327.8	334.5	2046
2899	New Scotland 345kV Voltage Alps	Pre-Fault	12.1	NA	348	2899
2899	New Scotland 345kV Voltage Gilb	Pre-Fault	12.1	NA	348	2899
2902	Coopers Corners 345kV Voltage	SBK Edic R945	4.7	327.8	339.3	2111
2902	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.7	327.8	339.3	2111
2903	Edic 345kV Voltage	Marcy South S.	4.9	327.8	331.7	3445
2905	Marcy 345kV Voltage	Marcy South S.	4.9	327.8	331.4	3445
2905	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	4.9	327.8	338.9	2052
2906	Oakdale 345kV Voltage	SBK Edic R945	3.5	320	332.5	2113
2906	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.5	320	332.5	2113
2908	Gilboa 345kV Voltage	Pre-Fault	13.9	NA	348	2908
2910	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.7	320	331.9	2053
2910	Gordon Rd 345kV Voltage	Ph2 DC 1500	3.2	327.8	338.6	3210
2912	Rock Tavern 345kV Voltage	Pre-Fault	17.8	NA	348	2912
2914	Coopers Corners 345kV Voltage	Pre-Fault	8.8	NA	338	2914
2914 >E	Clay 345kV Voltage	SBK Edic R945	4.8	327.8	338.8	2116
2914 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.8	327.8	338.8	2116
2917 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	337.2	2054
2921	Edic 345kV Voltage	Volney-Marcy	5.7	327.8	329.0	2859
2922 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.7	327.8	338.1	2055
2923	Marcy 345kV Voltage	Volney-Marcy	5.7	327.8	328.7	2861
2924 >E	Fraser 345kV Voltage	Ph2 DC 1500	4.1	327.8	330.7	3214
2925	Edic 345kV Voltage	SBK Princetown 345	5.7	327.8	328.3	2702
2926	Marcy 345kV Voltage	SBK Princetown 345	4.2	327.8	328.2	2703
2927	Edic 345kV Voltage	Ravenswood 3	4.7	327.8	328.0	3028
2927	Marcy 345kV Voltage	Ravenswood 3	4.6	327.8	327.8	3029
2927	Marcy 345kV Voltage	SBK Edic R70	4.9	327.8	327.8	2958
2927	Marcy 345kV Voltage	N.Scot-Leeds 345	4.9	327.8	327.8	2885
2927	Marcy 345kV Voltage	Princetown-N.Scot 345	4.9	327.8	327.8	2916
2927	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.9	327.8	327.8	2888
2927	Marcy 345kV Voltage	SBK Marcy R3108	4.9	327.8	327.8	2803
2927	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	327.8	327.8	2889
2928	Edic 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	327.8	2885
2928	Edic 345kV Voltage	Princetown-N.Scot 345	5.0	327.8	327.8	2916
2929	Pleasant Valley 345kV Voltage	Pre-Fault	17.1	NA	348	2929

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2932 >E	Clay 345kV Voltage	Ph2 DC 1500	4.8	327.8	337.2	3216
2935 >E	Ramapo 500kV Voltage	Ph2 DC 1500	12.9	500	506.6	3217
2935 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.6	320	329.5	3217
2936 >E	Pannell Road 345kV Voltage	Marcy South N.	17.7	327.8	343.7	3689
2937 >E	Buchanan South 345kV Voltage	Pre-Fault	19.7	NA	346	2937
2937 >E	Fraser 345kV Voltage	SBK Edic R70	5.5	327.8	327.8	2968
2937 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	327.8	2894
2937 >E	Fraser 345kV Voltage	Volney-Marcy	5.5	327.8	327.8	2874
2937 >E	Fraser 345kV Voltage	SBK Marcy R3108	5.5	327.8	327.8	2809
2937 >E	Fraser 345kV Voltage	SBK Princetown 345	5.5	327.8	327.8	2711
2937 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	327.8	2925
2937 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	5.5	327.8	327.8	2898
2937 >E	Fraser 345kV Voltage	Ravenswood 3	5.5	327.8	327.8	3038
2938 >E	Edic 345kV Voltage	SBK Edic R70	5.2	327.8	325.6	2969
2939 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	334.2	2900
2940 >E	Clay 345kV Voltage	SBK Marcy R3108	5.6	327.8	335.1	2812
2942 >E	Oakdale 345kV Voltage	SBK Marcy R3108	4.4	320	325.6	2813
2948 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	5.0	327.8	334.6	3220
2952 >E	New Scotland 345kV Voltage Alps	Marcy South S.	6.3	327.8	343.0	3463
2952 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	6.3	327.8	343.0	3463
2952 >E	Fraser 345kV Voltage	Marcy South S.	9.8	327.8	327.8	3463
2955 >E	Oakdale 345kV Voltage	Volney-Marcy	4.6	320	322.9	2890
2956 >E	Coopers Corners 345kV Voltage	Ravenswood 3	5.9	327.8	332.1	3056
2960 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	330.6	2916
2960 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.5	320	321.8	2729
2961 >E	Oakdale 345kV Voltage	Ravenswood 3	4.6	320	321.6	3060
2964 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	5.6	327.8	330.0	2952
2964 >E	Gordon Rd 345kV Voltage	Ravenswood 3	5.6	327.8	330.0	3063
2964 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	5.7	327.8	329.9	2829
2968 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	320	320.2	2928
2968 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	4.8	320	320.2	2924
2968 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	5.8	327.8	330.3	2735
2968 >E	Clay 345kV Voltage	Volney-Marcy	6.2	327.8	330.9	2902
2968 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	4.8	320	320.1	2957
2969 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	4.9	327.8	341.3	3226
2969 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	4.9	327.8	341.3	3226
2971 >E	Oakdale 345kV Voltage	SBK Edic R70	4.8	320	319.5	3003
2974 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	7.6	327.8	338.4	2143

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2974 >E	Pannell Road 345kV Voltage	SBK Edic R945	7.6	327.8	338.4	2143
2975 >E	Coopers Corners 345kV Voltage	SBK Edic R70	6.3	327.8	329.4	3006
2976 >E	Clay 345kV Voltage	SBK Princetown 345	5.8	327.8	329.6	2741
2977 >E	Ramapo 345kV Voltage	Pre-Fault	20.0	NA	346	2977
2977 >E	New Scotland 345kV Voltage Alps	Marcy South N.	13.9	327.8	347.2	3707
2977 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	13.9	327.8	347.2	3707
2978 >E	Gordon Rd 345kV Voltage	Volney-Marcy	5.8	327.8	327.6	2911
2978 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	6.3	327.8	328.9	2934
2980 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	7.4	327.8	338.0	2062
2981 >E	Gilboa 345kV Voltage	Marcy South S.	7.2	327.8	343.1	3473
2981 >E	Clay 345kV Voltage	Ravenswood 3	6.2	327.8	328.9	3079
2982 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	6.5	327.8	328.3	2941
2983 >E	Clay 345kV Voltage	Marcy South S.	8.5	327.8	332.5	3474
2984 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	6.7	327.8	328.0	2972
2984 >E	Gordon Rd 345kV Voltage	SBK Edic R70	6.0	327.8	326.5	3016
2987 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	7.5	327.8	337.5	3231
2988 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	6.6	327.8	327.9	2947
2988 >E	Clay 345kV Voltage	N.Scot-Leeds 345	6.6	327.8	327.9	2943
2988 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	323.6	2150
2988 >E	Gordon Rd 345kV Voltage	SBK Edic R945	4.4	327.8	323.6	2150
2988 >E	Clay 345kV Voltage	Princetown-N.Scot 345	6.6	327.8	327.8	2976
2991 >E	Coopers Corners 345kV Voltage	Volney-Marcy	7.0	327.8	326.9	2923
2992 >E	St.Lawrence 230kV Voltage	Pre-Fault	24.4	NA	225	2992
2993 >E	Gilboa 345kV Voltage	Ph2 DC 1500	5.0	327.8	342.3	3233
2995 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	19.2	500	504.5	2064
2995 >E	Clay 345kV Voltage	SBK Edic R70	6.8	327.8	326.8	3027
2997 >E	Station 80 345kV Voltage	Marcy South N.	20.8	327.8	342.8	3715
2998 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	19.9	500	504.4	2154
2998 >E	Ramapo 500kV Voltage	SBK Edic R945	19.9	500	504.4	2154
2998 >E	Ramapo 500kV Voltage	Ravenswood 3	34.3	500	505.6	3095
3002 >E	St.Lawrence 230kV Voltage	SBK Edic R945	12.4	218.5	225.9	2156
3002 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	12.4	218.5	225.9	2156
3002 >E	Station 80 345kV Voltage	SBK Edic R945	8.9	327.8	337.9	2156
3002 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	8.9	327.8	337.9	2156
3003 >E	Ladentown 345kV Voltage	Pre-Fault	19.7	NA	346	3003
3006 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	7.5	327.8	324.7	2859
3007 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	8.7	327.8	337.6	2066
3008 >E	Station 80 345kV Voltage	Ph2 DC 1500	8.8	327.8	337.5	3237
3011 >E	Gilboa 345kV Voltage	SBK Edic R945	6.6	327.8	341.1	2160

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3011 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	6.6	327.8	341.1	2160
3015 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	6.7	327.8	340.8	2067
3015 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	14.4	218.5	225.6	3239
3017 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	12.9	218.5	225.5	2067
3022 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	10.2	327.8	332.9	2870
3022 >E	Oakdale 345kV Voltage	Marcy South S.	9.7	320	321.4	3488
3027 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	6.8	327.8	332.7	2981
3027 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	6.8	327.8	332.7	2981
3034 >E	Leeds 345kV Voltage	Pre-Fault	12.7	NA	345	3034
3036 >E	Roseton 345kV Voltage	Pre-Fault	18.8	NA	345	3036
3040 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	7.2	327.8	334.3	2173
3040 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	7.2	327.8	334.3	2173
3040 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	7.2	327.8	334.3	2173
3040 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	7.2	327.8	334.3	2173
3046 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	15.3	218.5	222.8	2887
3048 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	7.5	327.8	330.2	3140
3048 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	7.5	327.8	330.2	3140
3054 >E	Bowline 1 345kV Voltage	Pre-Fault	19.6	NA	345	3054
3056 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	7.8	327.8	332.7	2072
3056 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	7.8	327.8	332.7	2072
3058 >E	Pannell Road 345kV Voltage	SBK Princetown 345	10.4	327.8	329.9	2803
3059 >E	Fraser 345kV Voltage	Marcy South N.	19.5	327.8	327.8	3741
3060 >E	Pannell Road 345kV Voltage	Volney-Marcy	11.4	327.8	329.7	2984
3062 >E	Bowline 2 345kV Voltage	Pre-Fault	19.4	NA	345	3062
3062 >E	Dunwoodie 345kV Voltage	Ravenswood 3	17.6	327.8	336.2	3153
3062 >E	Sprain Brook 345kV Voltage	Ravenswood 3	17.4	327.8	336.2	3153
3064 >E	Pannell Road 345kV Voltage	Ravenswood 3	10.9	327.8	329.3	3155
3064 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	7.8	327.8	331.8	3016
3064 >E	Station 80 345kV Voltage	SBK Marcy R3108	12.3	327.8	332.2	2900
3067 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	8.0	327.8	327.8	2902
3067 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	8.0	327.8	327.8	2902
3067 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	8.0	327.8	327.7	3100
3067 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	8.0	327.8	327.7	3100
3068 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	7.9	327.8	327.7	2992
3068 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	7.9	327.8	327.7	2992
3068 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	8.0	327.8	327.6	3055
3068 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	8.0	327.8	327.6	3055
3073 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	8.2	327.8	326.9	3030
3073 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	8.2	327.8	326.9	3030

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3075 >E	Pannell Road 345kV Voltage	Marcy South S.	12.6	327.8	331.7	3508
3079 >E	Gilboa 345kV Voltage	Ravenswood 3	8.4	327.8	330.3	3169
3081 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	11.8	327.8	327.9	3038
3081 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	11.8	327.8	327.9	3032
3082 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	11.8	327.8	327.8	3069
3083 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	9.1	327.8	338.4	3257
3085 >E	Rock Tavern 345kV Voltage	Ravenswood 3	10.4	327.8	335.0	3174
3085 >E	Leeds 345kV Voltage	Marcy South S.	9.1	327.8	346.3	3511
3090 >E	Pannell Road 345kV Voltage	SBK Edic R70	12.1	327.8	327.1	3124
3093 >E	Buchanan North 345kV Voltage	Ravenswood 3	16.0	327.8	336.0	3182
3095 >E	Gilboa 345kV Voltage	SBK Marcy R3108	9.1	327.8	328.6	2922
3098 >E	Station 80 345kV Voltage	SBK Princetown 345	12.5	327.8	329.8	2833
3099 >E	Millwood 345kV Voltage	Ravenswood 3	15.9	327.8	336.2	3187
3099 >E	Rock Tavern 345kV Voltage	SBK Edic R945	11.9	327.8	337.5	2200
3099 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	11.9	327.8	337.5	2200
3099 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	11.7	327.8	337.5	2078
3102 >E	Station 80 345kV Voltage	Ravenswood 3	13.1	327.8	329.5	3190
3102 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	9.4	327.8	327.8	3090
3103 >E	Gilboa 345kV Voltage	Volney-Marcy	9.4	327.8	327.7	3023
3104 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	9.5	327.8	327.6	3060
3106 >E	Station 80 345kV Voltage	Volney-Marcy	13.8	327.8	329.3	3026
3106 >E	Gilboa 345kV Voltage	SBK Edic R70	9.6	327.8	327.4	3140
3106 >E	St.Lawrence 230kV Voltage	Volney-Marcy	20.7	218.5	220.3	3026
3114 >E	Gilboa 345kV Voltage	SBK Princetown 345	9.7	327.8	326.6	2845
3116 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	8.9	327.8	321.5	2847
3116 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	8.9	327.8	321.5	2847
3117 >E	Station 80 345kV Voltage	Marcy South S.	14.6	327.8	331.2	3523
3120 >E	Ramapo 500kV Voltage	Marcy South S.	28.8	500	500.2	3524
3120 >E	Leeds 345kV Voltage	Ph2 DC 1500	8.3	327.8	344.7	3268
3123 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	21.2	218.5	219.7	2852
3124 >E	St.Lawrence 230kV Voltage	Ravenswood 3	22.4	218.5	219.6	3211
3126 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	14.2	327.8	327.9	3081
3126 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	14.2	327.8	327.8	3075
3126 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	14.2	327.8	327.8	3113
3126 >E	Buchanan South 345kV Voltage	Ravenswood 3	15.7	327.8	336.4	3213
3132 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	10.9	327.8	331.4	2859
3134 >E	Station 80 345kV Voltage	SBK Edic R70	14.5	327.8	327.2	3169
3145 >E	Rock Tavern 345kV Voltage	SBK Edic R70	11.5	327.8	330.3	3180

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3148 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	11.6	327.8	330.1	3096
3148 >E	St.Lawrence 230kV Voltage	Marcy South N.	34.6	218.5	227.3	3778
3151 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	24.4	218.5	218.5	3138
3152 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	24.5	218.5	218.5	3107
3152 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	24.5	218.5	218.4	3100
3153 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	11.6	207	223.1	2085
3153 >E	Watercure 230kV Voltage	SBK Edic R945	11.8	207	223.1	2225
3153 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	11.8	207	223.1	2225
3159 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	16.3	327.8	338.6	3279
3159 >E	Watercure 230kV Voltage	Ph2 DC 1500	11.5	207	222.9	3279
3166 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	12.4	327.8	328.7	3120
3169 >E	St.Lawrence 230kV Voltage	SBK Edic R70	26.4	218.5	217.8	3205
3174 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	12.8	327.8	328.1	3161
3175 >E	Ramapo 345kV Voltage	Ravenswood 3	15.6	327.8	336.1	3258
3176 >E	Ramapo 500kV Voltage	SBK Princetown 345	36.9	500	501.9	2892
3183 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	13.7	327.8	341.8	3285
3186 >E	Ladentown 345kV Voltage	Ravenswood 3	15.5	327.8	336.7	3268
3186 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	15.2	327.8	333.0	3268
3190 >E	St.Lawrence 230kV Voltage	Marcy South S.	29.5	218.5	221.2	3549
3201 >E	Rock Tavern 345kV Voltage	Volney-Marcy	14.0	327.8	326.0	3112
3209 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	41.1	500	501.3	3154
3211 >E	Bowline 1 345kV Voltage	Ravenswood 3	15.5	327.8	337.0	3291
3211 >E	Ramapo 345kV Voltage	Ph2 DC 1500	15.3	327.8	341.0	3293
3211 >E	Millwood 345kV Voltage	Ph2 DC 1500	17.6	327.8	339.6	3293
3215 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	16.7	327.8	340.5	3294
3216 >E	Bowline 2 345kV Voltage	Ravenswood 3	15.3	327.8	337.1	3295
3221 >E	Ramapo 500kV Voltage	SBK Edic R70	42.0	500	501.0	3257
3223 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	20.5	327.8	328.9	3167
3223 >E	Buchanan North 345kV Voltage	SBK Princetown 345	18.2	327.8	329.6	2928
3225 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	20.8	327.8	328.9	3169
3225 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	21.0	327.8	338.1	3297
3227 >E	Sprain Brook 345kV Voltage	SBK Edic R70	20.8	327.8	328.7	3264
3228 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	21.3	327.8	338.0	3298
3228 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	18.7	327.8	329.3	3172
3229 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	15.0	327.8	323.9	3018
3230 >E	Dunwoodie 345kV Voltage	SBK Edic R70	21.1	327.8	328.7	3267
3231 >E	Buchanan North 345kV Voltage	SBK Edic R70	18.9	327.8	329.2	3268
3232 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	20.5	327.8	328.5	2934
3234 >E	Roseton 345kV Voltage	Ph2 DC 1500	14.2	327.8	341.9	3299

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3234 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	20.8	327.8	328.5	2936
3237 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	18.4	327.8	329.2	3181
3238 >E	Ladentown 345kV Voltage	Ph2 DC 1500	15.6	327.8	342.0	3300
3241 >E	Somerset 345kV Voltage	Ph2 DC 1500	15.7	327.8	341.5	3301
3243 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	21.6	327.8	328.0	3195
3243 >E	Millwood 345kV Voltage	SBK Edic R70	18.7	327.8	328.9	3280
3245 >E	Roseton 345kV Voltage	Ravenswood 3	16.0	327.8	333.9	3323
3245 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	22.0	327.8	328.0	3197
3246 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	21.9	327.8	327.9	3232
3246 >E	Millwood 345kV Voltage	SBK Princetown 345	18.4	327.8	328.7	2945
3246 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	45.5	500	500.5	3199
3247 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	16.0	327.8	329.5	3191
3248 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	22.2	327.8	327.9	3234
3250 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	19.9	327.8	328.2	3202
3253 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	12.7	327.8	327.8	3239
3253 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	12.7	327.8	327.8	3196
3253 >E	Leeds 345kV Voltage	Volney-Marcy	12.7	327.8	327.8	3158
3253 >E	Leeds 345kV Voltage	SBK Marcy R3108	12.7	327.8	327.8	3035
3253 >E	Leeds 345kV Voltage	SBK Edic R70	12.7	327.8	327.8	3290
3253 >E	Leeds 345kV Voltage	SBK Princetown 345	12.7	327.8	327.8	2950
3253 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	12.7	327.8	327.8	3205
3253 >E	Leeds 345kV Voltage	Ravenswood 3	12.7	327.8	327.8	3330
3256 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	20.3	327.8	327.9	3242
3257 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	16.1	327.8	341.1	2272
3257 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	15.9	327.8	341.0	2098
3257 >E	Somerset 345kV Voltage	SBK Edic R945	16.1	327.8	341.0	2272
3260 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	19.5	327.8	328.1	3211
3262 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	47.5	500	500.2	3248
3263 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	16.6	327.8	328.5	3301
3263 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	19.7	327.8	327.9	3249
3263 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	18.2	327.8	329.4	3206
3265 >E	Sprain Brook 345kV Voltage	Volney-Marcy	22.8	327.8	327.0	3169
3265 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	15.6	327.8	343.0	3308
3266 >E	Buchanan South 345kV Voltage	SBK Princetown 345	18.0	327.8	329.3	2961
3267 >E	Dunwoodie 345kV Voltage	Volney-Marcy	23.2	327.8	327.0	3171

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3268 >E	Buchanan South 345kV Voltage	SBK Edic R70	18.4	327.8	329.2	3306
3269 >E	Ramapo 500kV Voltage	Pre-Fault	48.4	NA	500	3269
3271 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	15.6	327.8	343.3	3309
3275 >E	Pleasant Valley 345kV Voltage	Princeton-N.Scot 345	17.1	327.8	327.8	3261
3275 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	17.1	327.8	327.8	3227
3279 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	16.7	327.8	327.6	2970
3280 >E	Buchanan North 345kV Voltage	Volney-Marcy	21.5	327.8	326.8	3182
3280 >E	Ramapo 500kV Voltage	Volney-Marcy	50.8	500	499.8	3183
3283 >E	Millwood 345kV Voltage	Volney-Marcy	20.6	327.8	326.9	3185
3283 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	23.8	327.8	326.2	3056
3283 >E	Ramapo 345kV Voltage	SBK Princetown 345	17.3	327.8	330.6	2973
3286 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	24.1	327.8	326.2	3058
3288 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	19.3	327.8	328.2	3239
3288 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	17.5	327.8	327.1	3190
3291 >E	Ramapo 500kV Voltage	SBK Marcy R3108	52.4	500	499.6	3062
3292 >E	Somerset 345kV Voltage	Pre-Fault	27.3	NA	338	3292
3293 >E	Pleasant Valley 345kV Voltage	Marcy South S.	22.9	327.8	338.9	3586
3293 >E	Buchanan South 345kV Voltage	Princeton-N.Scot 345	19.6	327.8	327.9	3278
3298 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	18.1	327.8	329.9	3239
3299 >E	Ramapo 345kV Voltage	SBK Edic R70	18.1	327.8	329.9	3338
3300 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	18.0	327.8	326.3	3069
3302 >E	Millwood 345kV Voltage	SBK Marcy R3108	21.5	327.8	325.9	3070
3303 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	22.6	327.8	325.7	3070
3308 >E	Ladentown 345kV Voltage	SBK Princetown 345	17.3	327.8	330.4	2992
3316 >E	Buchanan South 345kV Voltage	Volney-Marcy	20.6	327.8	326.8	3215
3319 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	17.9	327.8	329.9	3259
3321 >E	Ladentown 345kV Voltage	SBK Edic R70	18.0	327.8	329.8	3360
3324 >E	Roseton 345kV Voltage	SBK Princetown 345	17.1	327.8	329.7	3004
3325 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	17.4	327.8	329.7	3265
3326 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	19.3	327.8	328.5	3276
3329 >E	Roseton 345kV Voltage	SBK Edic R70	17.6	327.8	329.5	3368
3331 >E	Gilboa 345kV Voltage	Marcy South N.	24.3	327.8	337.9	3855
3336 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	19.7	327.8	328.0	3321
3336 >E	Bowline 1 345kV Voltage	SBK Princetown 345	17.3	327.8	330.7	3013
3338 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	21.5	327.8	325.6	3096
3340 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	27.8	327.8	334.1	2109
3340 >E	Bowline 2 345kV Voltage	SBK Princetown 345	17.1	327.8	330.7	3016
3341 >E	Buchanan North 345kV Voltage	SBK Edic R945	28.3	327.8	334.1	2310

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3342 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	28.3	327.8	334.1	2310
3347 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	17.9	327.8	330.1	3286
3347 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	19.1	327.8	328.5	3297
3350 >E	Bowline 1 345kV Voltage	SBK Edic R70	18.0	327.8	329.9	3390
3351 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	18.4	327.8	328.3	3301
3351 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	17.7	327.8	330.1	3290
3354 >E	Bowline 2 345kV Voltage	SBK Edic R70	17.9	327.8	329.9	3394
3356 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	19.5	327.8	328.0	3341
3357 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	18.7	327.8	328.0	3343
3368 >E	Ramapo 345kV Voltage	Volney-Marcy	21.1	327.8	326.4	3262
3378 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	19.1	327.8	328.5	3326
3382 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	18.9	327.8	328.5	3330
3383 >E	Roseton 345kV Voltage	Volney-Marcy	19.7	327.8	326.6	3276
3387 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	24.7	327.8	336.1	2115
3387 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	19.5	327.8	328.0	3372
3388 >E	Ladentown 345kV Voltage	Volney-Marcy	20.7	327.8	326.4	3279
3392 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	19.3	327.8	328.0	3376
3394 >E	Ramapo 345kV Voltage	SBK Edic R945	25.4	327.8	336.0	2334
3394 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	25.4	327.8	336.0	2334
3400 >E	Ramapo 345kV Voltage	SBK Marcy R3108	22.4	327.8	324.8	3140
3408 >E	Roseton 345kV Voltage	SBK Marcy R3108	20.5	327.8	325.3	3146
3411 >E	Ramapo 500kV Voltage	Marcy South N.	78.7	500	501.6	3888
3418 >E	Ladentown 345kV Voltage	SBK Marcy R3108	21.8	327.8	324.9	3153
3421 >E	Bowline 1 345kV Voltage	Volney-Marcy	20.7	327.8	326.3	3309
3425 >E	Bowline 2 345kV Voltage	Volney-Marcy	20.5	327.8	326.3	3313
3453 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	21.8	327.8	324.7	3178
3457 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	21.6	327.8	324.7	3180
3457 >E	Somerset 345kV Voltage	SBK Marcy R3108	23.8	327.8	331.9	3181
3461 >E	Roseton 345kV Voltage	SBK Edic R945	24.4	327.8	335.1	2365
3461 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	24.4	327.8	335.1	2365
3462 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	26.3	327.8	336.2	2125
3465 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	24.3	327.8	335.0	2125
3467 >E	Ladentown 345kV Voltage	SBK Edic R945	26.9	327.8	336.0	2368
3467 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	26.9	327.8	336.0	2368
3484 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	21.5	327.8	327.8	2375
3484 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	21.5	327.8	327.8	2128
3484 >E	Leeds 345kV Voltage	SBK Edic R945	21.5	327.8	327.8	2375

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3487 >E	Somerset 345kV Voltage	Ravenswood 3	24.5	327.8	330.9	3546
3491 >E	Buchanan South 345kV Voltage	SBK Edic R945	31.6	327.8	334.2	2378
3491 >E	Somerset 345kV Voltage	SBK Princetown 345	24.1	327.8	330.7	3130
3491 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	31.6	327.8	334.2	2378
3493 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	31.3	327.8	334.2	2129
3509 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	26.6	327.8	336.6	2131
3516 >E	Bowline 1 345kV Voltage	SBK Edic R945	27.1	327.8	336.4	2390
3516 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	27.1	327.8	336.4	2390
3519 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	26.4	327.8	336.8	2132
3524 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	35.6	327.8	333.3	2393
3524 >E	Millwood 345kV Voltage	SBK Edic R945	35.6	327.8	333.3	2393
3526 >E	Bowline 2 345kV Voltage	SBK Edic R945	27.0	327.8	336.6	2394
3526 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	27.0	327.8	336.6	2394
3533 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	35.6	327.8	333.1	2134
3533 >E	Watercure 230kV Voltage	Marcy South S.	24.1	207	208.6	3674
3543 >E	Somerset 345kV Voltage	Marcy South S.	26.8	327.8	332.0	3678
3545 >E	Somerset 345kV Voltage	Volney-Marcy	26.8	327.8	328.7	3421
3548 >E	Coopers Corners 345kV Voltage	Marcy South S.	16.7	327.8	274.5	3679
3548 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	29.8	327.8	332.2	2404
3548 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	29.8	327.8	332.2	2404
3564 >E	Sprain Brook 345kV Voltage	SBK Edic R945	43.6	327.8	332.5	2411
3564 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	43.6	327.8	332.5	2411
3570 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	27.3	327.8	327.8	3513
3570 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	27.3	327.8	327.8	3554
3571 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	27.4	327.8	327.8	3500
3573 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	44.4	327.8	332.4	2415
3573 >E	Dunwoodie 345kV Voltage	SBK Edic R945	44.4	327.8	332.4	2416
3575 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	43.7	327.8	332.3	2139
3575 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	30.6	327.8	331.5	2139
3576 >E	Leeds 345kV Voltage	Marcy South N.	29.0	327.8	344.6	3957
3584 >E	Somerset 345kV Voltage	SBK Edic R70	27.9	327.8	327.3	3629
3585 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	44.5	327.8	332.2	2141
3600 >E	Roseton 345kV Voltage	Marcy South S.	29.1	327.8	331.0	3698
3619 >E	Somerset 345kV Voltage	Marcy South N.	41.7	327.8	346.7	3976
3661 >E	Rock Tavern 345kV Voltage	Marcy South S.	26.2	327.8	306.0	3720
3677 >E	Rainey 345kV Voltage	Ravenswood 3	38.6	327.8	341.9	3722
3711 >E	Coopers Corners 345kV Voltage	Marcy South N.	33.7	327.8	309.8	4014
3711 >E	Niagara 230kV East Voltage	Ph2 DC 1500	58.2	218.5	227.7	3431
3711 >E	Niagara 230kV West Voltage	Ph2 DC 1500	58.2	218.5	227.7	3431
3715 >E	Farragut 345kV Voltage	Ravenswood 3	40.2	327.8	341.0	3758

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
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3730 >E	Watercure 230kV Voltage	Marcy South N.	56.8	207	240.1	4022
3736 >E	Niagara 345kV Voltage	Ph2 DC 1500	29.0	327.8	345.1	3438
3754 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	59.8	218.5	227.4	2162
3754 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	59.8	218.5	227.4	2162
3762 >E	Niagara 230kV East Voltage	SBK Edic R945	60.7	218.5	227.4	2501
3762 >E	Niagara 230kV West Voltage	SBK Edic R945	60.7	218.5	227.4	2501
3762 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	60.7	218.5	227.4	2501
3762 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	60.7	218.5	227.4	2501
3781 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	29.8	327.8	344.3	2166
3785 >E	Millwood 345kV Voltage	Marcy South S.	48.9	327.8	328.0	3765
3790 >E	Niagara 345kV Voltage	SBK Edic R945	30.2	327.8	344.2	2514
3790 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	30.2	327.8	344.2	2514
3816 >E	Pleasant Valley 345kV Voltage	Marcy South N.	47.4	327.8	338.3	4058
3833 >E	Dunwoodie 345kV Voltage	Marcy South S.	59.6	327.8	328.2	3783
3838 >E	Sprain Brook 345kV Voltage	Marcy South S.	59.3	327.8	328.0	3785
3913 >E	Farragut 345kV Voltage	Pre-Fault	64.8	NA	338	3913
3923 >E	Rainey 345kV Voltage	Pre-Fault	63.3	NA	338	3923
3968 >E	Buchanan North 345kV Voltage	Marcy South S.	53.8	327.8	318.4	3832
3981 >E	Buchanan South 345kV Voltage	Marcy South S.	52.2	327.8	323.1	3836
4073 >E	Goethals 345kV Voltage	Ravenswood 3	54.5	327.8	339.9	4088
4117 >E	Watercure 230kV Voltage	SBK Marcy R3108	50.9	207	218.3	3651
4147 >E	Niagara 345kV Voltage	Pre-Fault	61.1	NA	338	4147
4237 >E	Goethals 345kV Voltage	Pre-Fault	87.0	NA	338	4237
4244 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	50.9	207	224.1	2226
4251 >E	Gardenville 230kV Voltage	Ph2 DC 1500	50.2	207	224.0	3580
4256 >E	Gardenville 230kV Voltage	SBK Edic R945	51.6	207	224.0	2726
4257 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	51.6	207	224.0	2726
4257 >E	Niagara 230kV East Voltage	Pre-Fault	163.6	NA	225	4257
4257 >E	Niagara 230kV West Voltage	Pre-Fault	163.6	NA	225	4257
4344 >E	Watercure 230kV Voltage	Ravenswood 3	57.8	207	215.6	4339
4393 >E	Watercure 230kV Voltage	Pre-Fault	84.3	NA	215	4393
4411 >E	Watercure 230kV Voltage	SBK Princetown 345	59.6	207	214.8	3826
4415 >E	Millwood 345kV Voltage	Marcy South N.	81.6	327.8	332.4	4309
4430 >E	Ramapo 345kV Voltage	Marcy South S.	60.2	327.8	307.4	4000
4446 >E	Dunwoodie 345kV Voltage	Marcy South N.	96.3	327.8	331.5	4323
4449 >E	Niagara 345kV Voltage	SBK Marcy R3108	51.3	327.8	333.1	3888
4453 >E	Sprain Brook 345kV Voltage	Marcy South N.	95.9	327.8	331.5	4325
4460 >E	Niagara 345kV Voltage	Ravenswood 3	51.7	327.8	332.9	4446
4471 >E	Rainey 345kV Voltage	SBK Princetown 345	59.3	327.8	329.3	3872
4474 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	59.8	327.8	329.3	4364
4476 >E	Farragut 345kV Voltage	SBK Princetown 345	60.7	327.8	329.3	3876

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4480 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	61.2	327.8	329.2	4370
4490 >E	Niagara 345kV Voltage	Marcy South S.	52.3	327.8	333.0	4021
4491 >E	Rainey 345kV Voltage	SBK Edic R70	60.4	327.8	329.0	4556
4497 >E	Farragut 345kV Voltage	SBK Edic R70	61.9	327.8	329.0	4562
4507 >E	Roseton 345kV Voltage	Marcy South N.	65.7	327.8	334.6	4348
4518 >E	Rainey 345kV Voltage	Ph2 DC 1500	62.0	327.8	345.6	3654
4530 >E	Farragut 345kV Voltage	Ph2 DC 1500	63.7	327.8	345.3	3657
4539 >E	Niagara 345kV Voltage	SBK Princetown 345	53.6	327.8	331.6	3924
4543 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	62.3	327.8	328.2	4459
4548 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	63.7	327.8	328.2	4464
4561 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	63.0	327.8	327.9	4536
4565 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	64.4	327.8	327.9	4541
4567 >E	Ladentown 345kV Voltage	Marcy South S.	64.3	327.8	307.1	4049
4572 >E	Watercure 230kV Voltage	Volney-Marcy	67.6	207	212.9	4345
4586 >E	Niagara 230kV East Voltage	Marcy South S.	115.0	218.5	221.7	4056
4586 >E	Niagara 230kV West Voltage	Marcy South S.	115.0	218.5	221.7	4056
4599 >E	Rock Tavern 345kV Voltage	Marcy South N.	66.7	327.8	322.8	4387
4629 >E	Rainey 345kV Voltage	Volney-Marcy	65.5	327.8	326.8	4396
4633 >E	Farragut 345kV Voltage	Volney-Marcy	66.9	327.8	326.9	4400
4638 >E	Buchanan North 345kV Voltage	Marcy South N.	92.1	327.8	329.8	4403
4678 >E	Buchanan South 345kV Voltage	Marcy South N.	86.1	327.8	331.3	4420
4693 >E	Niagara 230kV East Voltage	Ravenswood 3	122.8	218.5	222.3	4661
4693 >E	Niagara 230kV West Voltage	Ravenswood 3	122.8	218.5	222.3	4661
4698 >E	Rainey 345kV Voltage	SBK Marcy R3108	68.0	327.8	325.8	4065
4701 >E	Farragut 345kV Voltage	SBK Marcy R3108	69.4	327.8	325.8	4067
4703 >E	Niagara 230kV East Voltage	SBK Marcy R3108	123.2	218.5	222.3	4069
4703 >E	Niagara 230kV West Voltage	SBK Marcy R3108	123.2	218.5	222.3	4069
4727 >E	Niagara 345kV Voltage	Volney-Marcy	60.0	327.8	328.5	4484
4771 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	61.1	327.8	327.8	4745
4772 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	61.2	327.8	327.8	4682
4775 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	61.3	327.8	327.7	4652
4813 >E	Niagara 345kV Voltage	SBK Edic R70	62.6	327.8	327.1	4884
4926 >E	Bowline 2 345kV Voltage	Marcy South S.	72.4	327.8	299.9	4180
4928 >E	Bowline 1 345kV Voltage	Marcy South S.	73.6	327.8	299.6	4180
4967 >E	Niagara 230kV East Voltage	SBK Princetown 345	139.9	218.5	220.7	4247
4967 >E	Niagara 230kV West Voltage	SBK Princetown 345	139.9	218.5	220.7	4247
4985 >E	Goethals 345kV Voltage	Ph2 DC 1500	82.2	327.8	345.8	3783
4988 >E	Goethals 345kV Voltage	SBK Princetown 345	81.3	327.8	329.4	4263

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5015 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	82.8	327.8	329.0	4882
5034 >E	Goethals 345kV Voltage	SBK Edic R70	83.5	327.8	328.8	5110
5037 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	83.4	207	207.4	4939
5059 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	84.1	207	207.1	5031
5083 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	85.1	207	206.8	4946
5086 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	85.4	327.8	328.2	4987
5113 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	86.5	327.8	327.9	5084
5198 >E	Goethals 345kV Voltage	Volney-Marcy	89.7	327.8	326.9	4908
5235 >E	Watercure 230kV Voltage	SBK Edic R70	90.5	207	205.0	5316
5253 >E	Ramapo 345kV Voltage	Marcy South N.	98.5	327.8	328.1	4661
5257 >E	Niagara 230kV East Voltage	Volney-Marcy	160.1	218.5	218.9	4961
5257 >E	Niagara 230kV West Voltage	Volney-Marcy	160.1	218.5	218.9	4961
5288 >E	Goethals 345kV Voltage	SBK Marcy R3108	93.1	327.8	325.9	4486
5302 >E	Niagara 345kV Voltage	Marcy South N.	93.8	327.8	352.0	4681
5322 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	163.7	218.5	218.5	5291
5322 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	163.7	218.5	218.5	5291
5322 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	163.8	218.5	218.5	5217
5322 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	163.8	218.5	218.5	5217
5326 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	164.1	218.5	218.5	5179
5326 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	164.1	218.5	218.5	5179
5388 >E	Niagara 230kV East Voltage	SBK Edic R70	168.6	218.5	218.1	5472
5388 >E	Niagara 230kV West Voltage	SBK Edic R70	168.6	218.5	218.1	5472
5400 >E	Ladentown 345kV Voltage	Marcy South N.	100.4	327.8	327.8	4722
5591 >E	Gardenville 230kV Voltage	Marcy South S.	100.0	207	213.6	4421
5701 >E	Bowline 1 345kV Voltage	Marcy South N.	105.4	327.8	326.4	4849
5869 >E	Bowline 2 345kV Voltage	Marcy South N.	109.9	327.8	325.3	4919
6193 >E	Niagara 230kV East Voltage	Marcy South N.	247.9	218.5	234.3	5055
6193 >E	Niagara 230kV West Voltage	Marcy South N.	247.9	218.5	234.3	5055
6366 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	132.8	327.8	336.0	3684
6366 >E	Rainey 345kV Voltage	SBK Edic R945	132.8	327.8	336.0	3684
6366 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	132.4	327.8	336.0	2500
6393 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	136.1	327.8	335.9	2503
6393 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	136.5	327.8	335.9	3696
6393 >E	Farragut 345kV Voltage	SBK Edic R945	136.5	327.8	335.9	3696
7487 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	180.3	327.8	336.8	2645
7512 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	181.7	327.8	336.7	4205
7521 >E	Goethals 345kV Voltage	SBK Edic R945	182.0	327.8	336.6	4209

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7601 >E	Rainey 345kV Voltage	Marcy South S.	178.9	327.8	329.6	5151
7646 >E	Farragut 345kV Voltage	Marcy South S.	184.2	327.8	329.6	5167
7796 >E	Northport 138kV Voltage	Pre-Fault	551.4	NA	135	7796
8398 >E	Northport 138kV Voltage	Ravenswood 3	440.2	131.1	133.9	8088
8812 >E	Northport 138kV Voltage	Ph2 DC 1500	466.9	131.1	141.0	4840
9205 >E	Goethals 345kV Voltage	Marcy South S.	247.0	327.8	330.6	5733
9514 >E	Northport 138kV Voltage	N.Scot-Leeds 345	517.7	131.1	131.9	9183
9547 >E	Northport 138kV Voltage	SBK Princetown 345	519.6	131.1	131.8	7712
9594 >E	Northport 138kV Voltage	SBK Edic R70	523.9	131.1	131.7	9770
9846 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	543.5	131.1	131.3	9614
9912 >E	Northport 138kV Voltage	Princetown-N.Scot 345	548.7	131.1	131.2	9845
10191 >E	Northport 138kV Voltage	Volney-Marcy	570.2	131.1	130.7	9399
10476 >E	Northport 138kV Voltage	SBK Marcy R3108	592.3	131.1	130.1	8187
11421 >E	Rainey 345kV Voltage	Marcy South N.	322.6	327.8	334.8	7247
11601 >E	Farragut 345kV Voltage	Marcy South N.	336.0	327.8	334.7	7323
12441 >E	Gardenville 230kV Voltage	Ravenswood 3	348.9	207	227.2	11827
12809 >E	Gardenville 230kV Voltage	SBK Marcy R3108	366.1	207	226.9	9850
14880 >E	Goethals 345kV Voltage	Marcy South N.	467.6	327.8	335.2	8698
15406 >E	Gardenville 230kV Voltage	SBK Princetown 345	457.6	207	224.9	12145
19808 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1333.9	131.1	135.7	9789
19808 >E	Northport 138kV Voltage	SBK Edic R945	1333.9	131.1	135.7	9789
19941 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1343.5	131.1	135.7	4253
25798 >E	Gardenville 230kV Voltage	Pre-Fault	1310.3	NA	217	25798
30582 >E	Gardenville 230kV Voltage	Volney-Marcy	1015.0	207	213.3	27741
34453 >E	Northport 138kV Voltage	Marcy South S.	2489.9	131.1	128.7	14901
35134	Northport 138kV Voltage	Marcy South N.	2537.4	131.1	133.6	17191

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

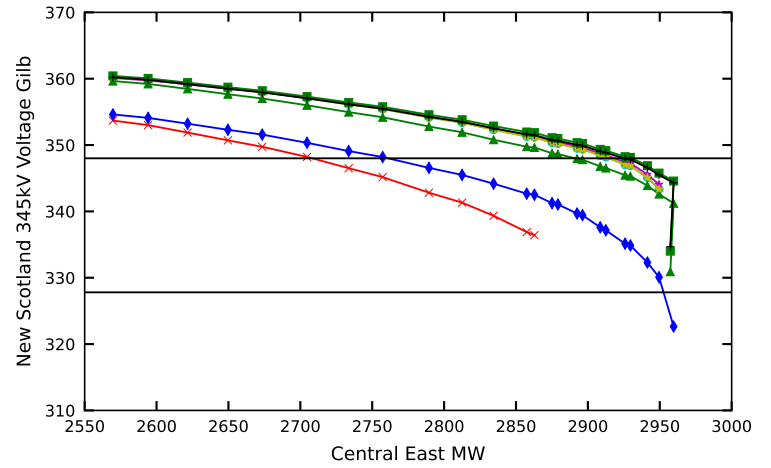
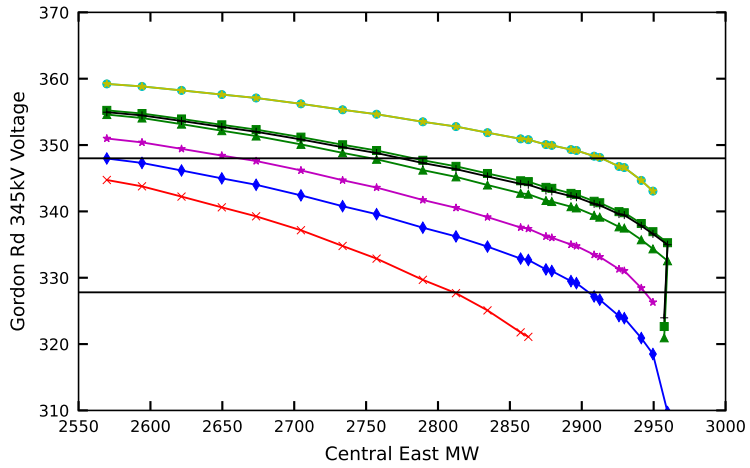
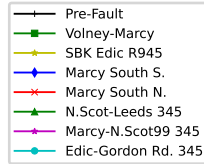
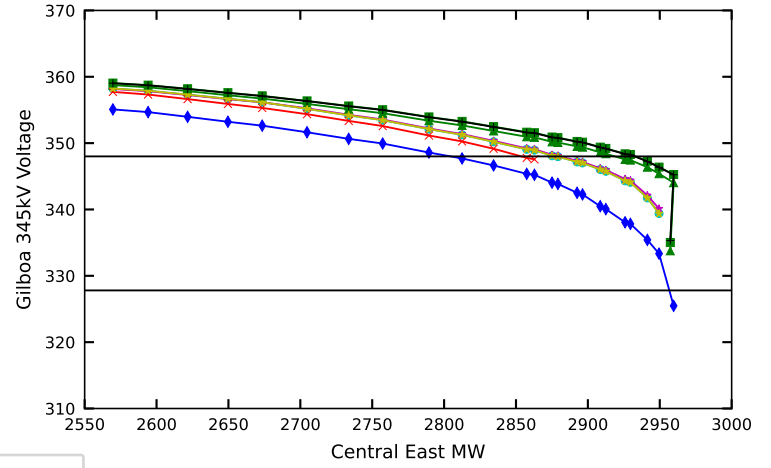
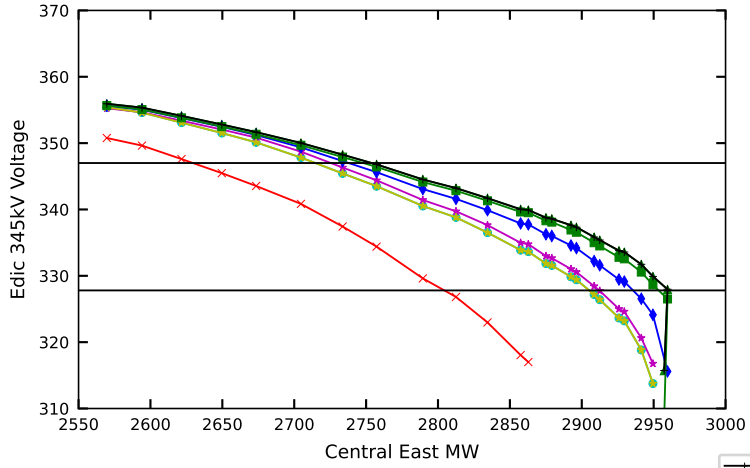
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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 0FR_CAPS

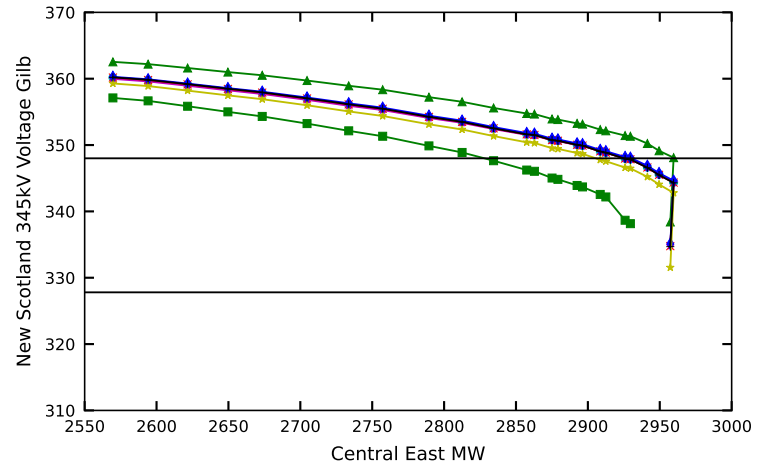
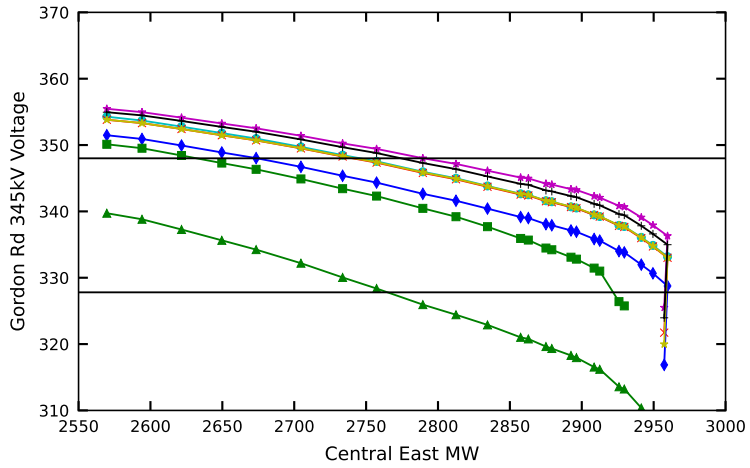
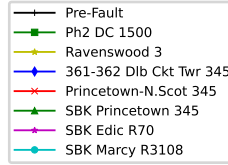
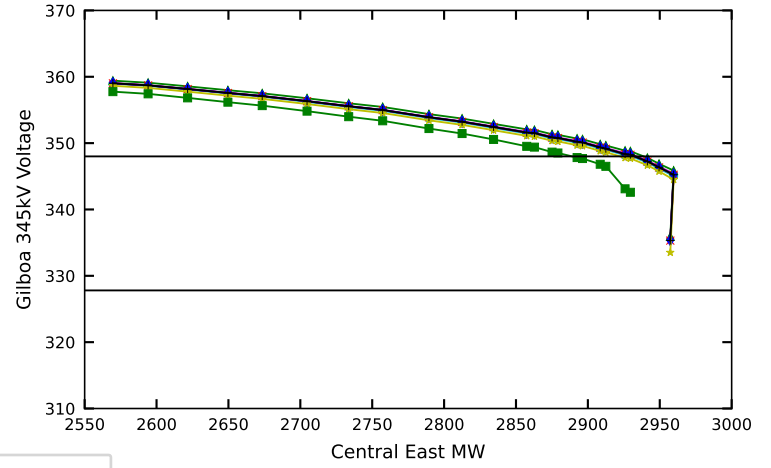
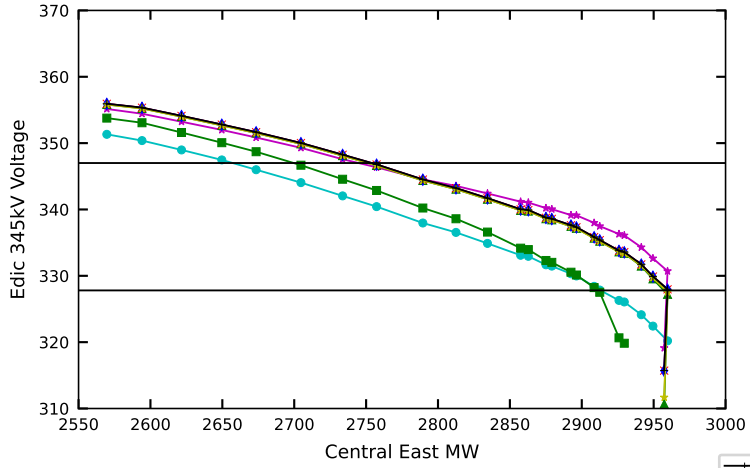
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
38290	Gardenville 230kV Voltage	N.Scot-Leeds 345	1289.5	207	207.5	36698
>E						
38535	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	1298.4	207	207.3	37504
>E						
38891	Gardenville 230kV Voltage	Princetown-N.Scot 345	1310.3	207	207.0	38594
>E						
49976	Gardenville 230kV Voltage	SBK Edic R70	1714.1	207	198.5	51037
>E						
99998	Gardenville 230kV Voltage	Marcy South N.	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

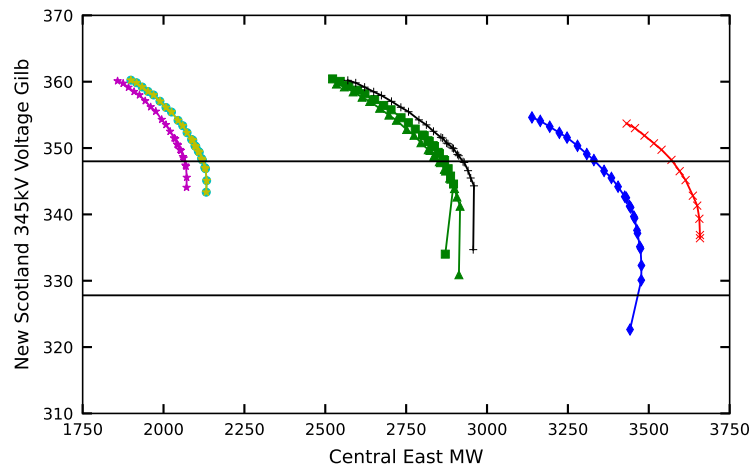
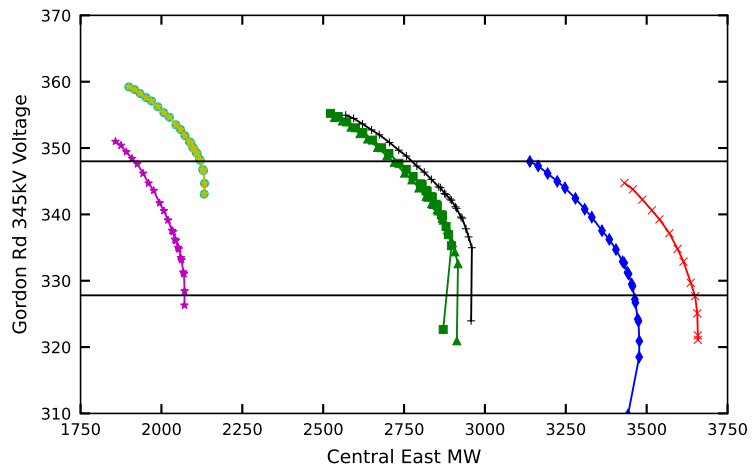
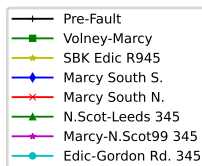
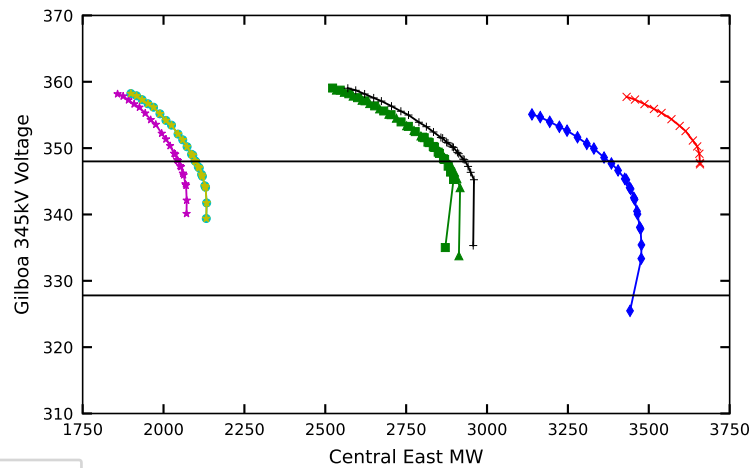
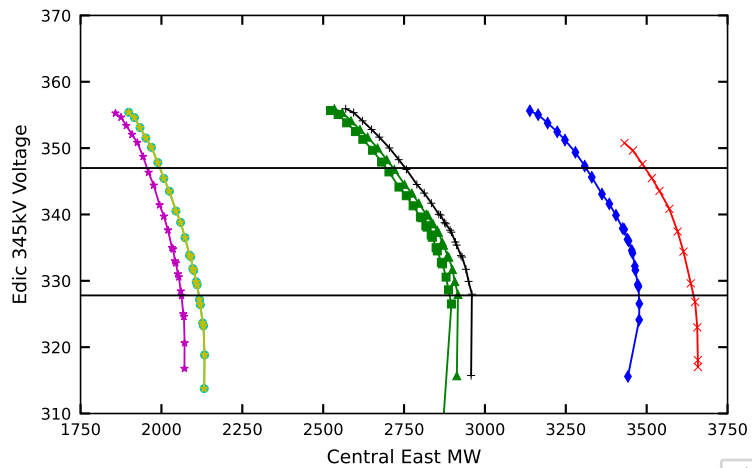
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0G CAP Figure 1



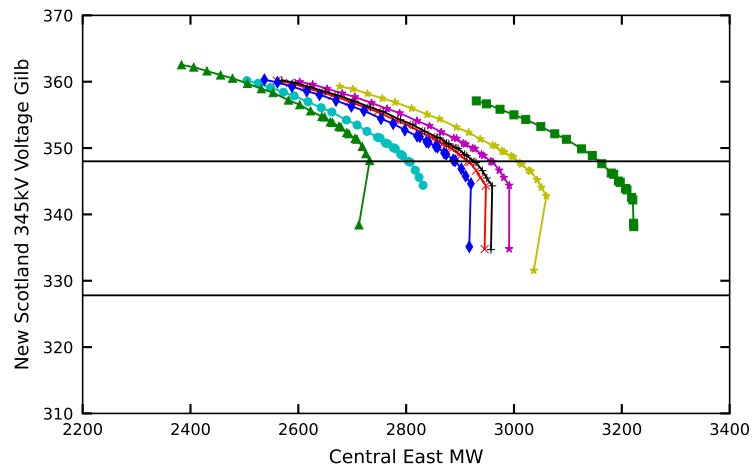
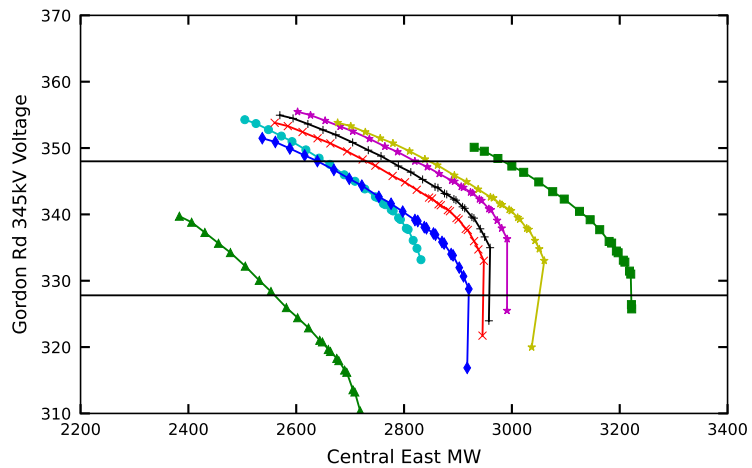
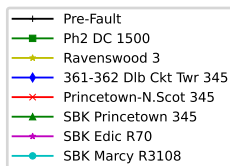
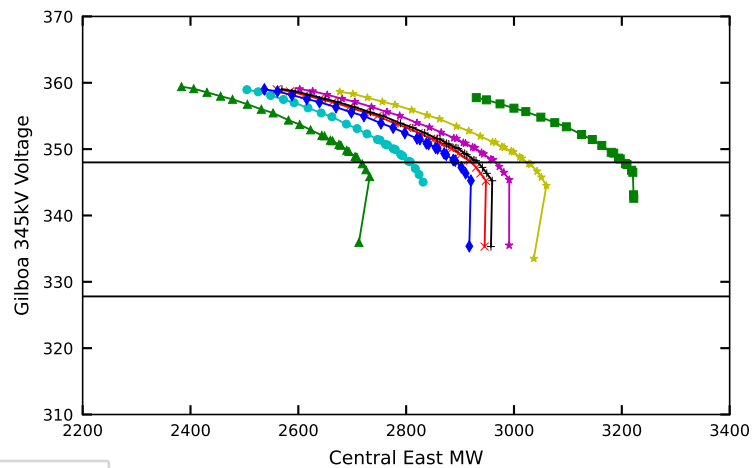
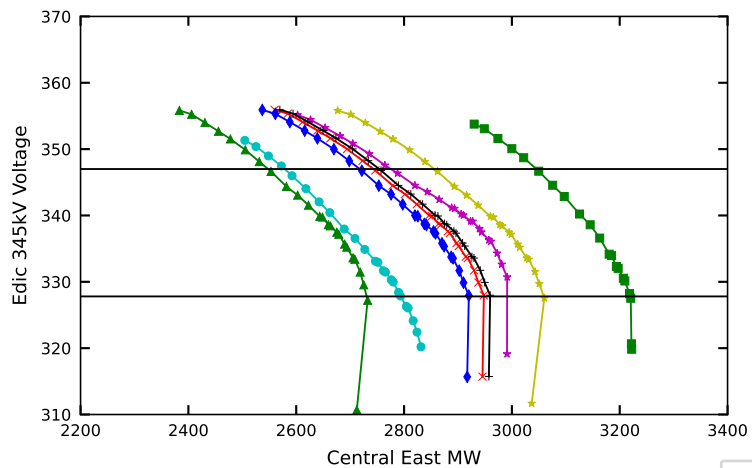
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0G CAP Figure 2



1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0G CAP Figure 1



1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0G CAP Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\0G_CAP\Sum2023_CEVC_PH2_3O_0G_CAP.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 3O 0G CAP

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2569	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2594	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2621	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2649	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2673	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2704	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2733	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2757	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2789	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2812	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2834	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2857	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2862	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2875	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2879	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2892	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2896	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2908	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2912	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2925	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2929	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2941	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	2															
2949	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	3															
2959	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	4															
2957	t2	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

02-28-2023 16:40

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\0G_CAP\Sum2023_CEVC_PH2_3O_0G_CAP.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 3O 0G CAP

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\0G_CAP\Sum2023_CEVC_PH2_3O_0G_CAP.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 3O 0G CAP

Interface: Central East

Dlb Ckt																										
Twr 345																										
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ravens																										
wood 3																										
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
Ph2 DC																										
1500																										

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 OG CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2469 <E	Dunwoodie 345kV Voltage	Pre-Fault	111.4	NA	348	2469
2481 <E	Sprain Brook 345kV Voltage	Pre-Fault	111.6	NA	348	2481
2719	limit with 5% margin	Marcy South N.	NA	NA	NA	3475
2738	Marcy 345kV Voltage	Pre-Fault	15.9	NA	348	2738
2753	Edic 345kV Voltage	Pre-Fault	16.1	NA	347	2753
2764	Gordon Rd 345kV Voltage	SBK Princetown 345	13.3	327.8	348.4	2559
2774	Gordon Rd 345kV Voltage	Pre-Fault	21.5	NA	348	2774
2783	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3061
2794	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2026
2794	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1968
2794	limit with 5% margin	Marcy South S.	NA	NA	NA	3303
2794	limit with 5% margin	SBK Edic R945	NA	NA	NA	2026
2797	Millwood 345kV Voltage	Pre-Fault	108.0	NA	348	2797
2804	Edic 345kV Voltage	Marcy South N.	8.2	327.8	343.7	3644
2806	Marcy 345kV Voltage	Marcy South N.	8.2	327.8	343.5	3646
2811	Gordon Rd 345kV Voltage	Marcy South N.	11.5	327.8	346.4	3648
2811	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2770
2811	limit with 5% margin	Volney-Marcy	NA	NA	NA	2751
2811	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2689
2811	limit with 5% margin	SBK Edic R70	NA	NA	NA	2841
2811	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2595
2811	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2800
2811	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2774
2811	limit with 5% margin	Ravenswood 3	NA	NA	NA	2907
2845	Clay 345kV Voltage	Marcy South N.	6.0	327.8	346.7	3657
2857	Oakdale 345kV Voltage	Marcy South N.	6.0	320	345.1	3658
2881	Pannell Road 345kV Voltage	Pre-Fault	29.5	NA	346	2881
2883	Station 80 345kV Voltage	Pre-Fault	26.3	NA	346	2883
2885	Clay 345kV Voltage	Pre-Fault	22.8	NA	345	2885
2890	Buchanan North 345kV Voltage	Pre-Fault	55.1	NA	346	2890
2902	Marcy 345kV Voltage	SBK Edic R945	5.5	327.8	336.5	2114
2902	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	336.5	2114
2904	Gordon Rd 345kV Voltage	Marcy South S.	6.2	327.8	341.5	3461
2905	Edic 345kV Voltage	SBK Edic R945	5.5	327.8	336.3	2115
2905	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	336.3	2115
2910	Edic 345kV Voltage	Ph2 DC 1500	5.6	327.8	335.6	3219
2911 >E	Pannell Road 345kV Voltage	Marcy South N.	9.0	327.8	345.8	3660
2911	Marcy 345kV Voltage	Ph2 DC 1500	5.6	327.8	335.4	3220
2912	Edic 345kV Voltage	Marcy-N.Scot99 345	5.6	327.8	335.4	2061
2912	Edic 345kV Voltage	SBK Marcy R3108	8.5	327.8	335.3	2793

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 OG CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2916	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.9	327.8	334.8	2063
2921	Gordon Rd 345kV Voltage	Ph2 DC 1500	2.9	327.8	340.0	3221
2925	New Scotland 345kV Voltage Alps	Pre-Fault	14.8	NA	348	2925
2925	New Scotland 345kV Voltage Gilb	Pre-Fault	14.8	NA	348	2925
2932	Gilboa 345kV Voltage	Pre-Fault	11.6	NA	348	2932
2935	Edic 345kV Voltage	Marcy South S.	4.6	327.8	332.6	3475
2936	Marcy 345kV Voltage	Marcy South S.	4.5	327.8	332.4	3476
2940	Coopers Corners 345kV Voltage	SBK Edic R945	3.6	327.8	340.4	2133
2940	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	340.4	2133
2940 >E	Station 80 345kV Voltage	Marcy South N.	10.0	327.8	345.0	3661
2943 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	340.0	2071
2944	Oakdale 345kV Voltage	Pre-Fault	4.2	NA	335	2944
2944 >E	Fraser 345kV Voltage	SBK Edic R945	3.0	327.8	338.8	2134
2944 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	338.8	2134
2944 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	4.6	327.8	337.4	2072
2945	Rock Tavern 345kV Voltage	Pre-Fault	14.0	NA	348	2945
2947 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.1	327.8	338.3	2072
2947	Fraser 345kV Voltage	Pre-Fault	5.1	NA	338	2947
2948 >E	Oakdale 345kV Voltage	SBK Edic R945	3.0	320	334.6	2135
2948 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.0	320	334.6	2135
2949 >E	Clay 345kV Voltage	SBK Edic R945	3.6	327.8	339.6	2135
2949 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	339.6	2135
2951 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.2	320	334.0	2073
2953	Edic 345kV Voltage	Volney-Marcy	4.8	327.8	329.2	2890
2954	Pleasant Valley 345kV Voltage	Pre-Fault	20.4	NA	348	2954
2954	Marcy 345kV Voltage	Volney-Marcy	4.8	327.8	328.8	2892
2955 >E	Clay 345kV Voltage	Ph2 DC 1500	6.1	327.8	340.8	3225
2956 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	338.8	2074
2957	Edic 345kV Voltage	SBK Princetown 345	4.4	327.8	328.5	2730
2957	Marcy 345kV Voltage	SBK Princetown 345	4.4	327.8	328.3	2730
2957	Coopers Corners 345kV Voltage	Pre-Fault	7.8	NA	338	2957
2958	Edic 345kV Voltage	Ravenswood 3	4.7	327.8	328.2	3059
2958	Marcy 345kV Voltage	Ravenswood 3	4.7	327.8	328.0	3059
2959 >E	New Scotland 345kV Voltage Alps	Marcy South N.	11.2	327.8	349.8	3662
2959 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	11.2	327.8	349.8	3662
2959 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	5.2	327.8	327.8	2917
2959 >E	Marcy 345kV Voltage	SBK Marcy R3108	5.2	327.8	327.8	2831
2959 >E	Marcy 345kV Voltage	SBK Edic R70	5.2	327.8	327.8	2991
2959 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	5.2	327.8	327.8	2948
2959 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	5.2	327.8	327.8	2920

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0G CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2960 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	5.2	327.8	327.9	2920
2960 >E	Edic 345kV Voltage	N.Scot-Leeds 345	5.2	327.8	327.8	2917
2960 >E	Edic 345kV Voltage	Princetown-N.Scot 345	5.2	327.8	327.8	2948
2960 >E	Ramapo 500kV Voltage	Ph2 DC 1500	17.8	500	507.4	3226
2962 >E	New Scotland 345kV Voltage Alps	Marcy South S.	4.6	327.8	344.4	3481
2962 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	4.6	327.8	344.4	3481
2964 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	5.3	327.8	334.2	2925
2966 >E	Buchanan South 345kV Voltage	Pre-Fault	24.8	NA	346	2966
2975 >E	Edic 345kV Voltage	SBK Edic R70	5.3	327.8	325.0	3006
2976 >E	Oakdale 345kV Voltage	Ph2 DC 1500	6.0	320	335.4	3228
2978 >E	Gilboa 345kV Voltage	Marcy South S.	4.9	327.8	344.0	3485
2979 >E	Clay 345kV Voltage	SBK Marcy R3108	6.1	327.8	334.8	2845
2980 >E	Fraser 345kV Voltage	Ph2 DC 1500	5.6	327.8	338.9	3228
2981 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.6	320	325.6	2847
2986 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	330.7	2942
2989 >E	Gordon Rd 345kV Voltage	Ravenswood 3	5.8	327.8	330.2	3087
2990 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	5.9	327.8	330.0	2978
2990 >E	Oakdale 345kV Voltage	Volney-Marcy	3.8	320	323.0	2924
2991 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	6.0	327.8	329.9	2854
2995 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.7	320	321.9	2757
2995 >E	Oakdale 345kV Voltage	Ravenswood 3	3.7	320	321.9	3092
2998 >E	Coopers Corners 345kV Voltage	Ravenswood 3	6.2	327.8	332.8	3095
2999 >E	Pannell Road 345kV Voltage	SBK Edic R945	6.2	327.8	339.3	2150
2999 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	6.2	327.8	339.3	2150
2999 >E	Fraser 345kV Voltage	SBK Edic R70	5.1	327.8	327.8	3031
2999 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	5.1	327.8	327.8	2987
2999 >E	Fraser 345kV Voltage	Ravenswood 3	5.1	327.8	327.8	3096
2999 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	5.1	327.8	327.8	2955
2999 >E	Fraser 345kV Voltage	Volney-Marcy	5.1	327.8	327.8	2932
2999 >E	Fraser 345kV Voltage	SBK Marcy R3108	5.1	327.8	327.8	2860
2999 >E	Fraser 345kV Voltage	SBK Princetown 345	5.1	327.8	327.8	2760
2999 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	327.8	2959
3001 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	320	320.3	2960
3001 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.9	320	320.2	2957
3002 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.9	320	320.1	2990
3003 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	7.1	327.8	345.5	3231
3003 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	7.1	327.8	345.5	3231

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 OG CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3004 >E	Clay 345kV Voltage	Marcy South S.	6.6	327.8	333.3	3491
3004 >E	Oakdale 345kV Voltage	SBK Edic R70	3.9	320	319.4	3036
3005 >E	Gordon Rd 345kV Voltage	Volney-Marcy	6.1	327.8	327.7	2937
3005 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	8.6	327.8	339.9	3232
3005 >E	Clay 345kV Voltage	Volney-Marcy	6.6	327.8	331.0	2938
3011 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.9	327.8	338.4	2083
3011 >E	Gilboa 345kV Voltage	SBK Edic R945	5.0	327.8	341.2	2153
3011 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	5.0	327.8	341.2	2153
3013 >E	Gordon Rd 345kV Voltage	SBK Edic R70	6.3	327.8	326.4	3044
3013 >E	Clay 345kV Voltage	SBK Princetown 345	6.1	327.8	329.9	2770
3015 >E	Fraser 345kV Voltage	Marcy South S.	6.5	327.8	327.8	3493
3016 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	5.2	327.8	340.8	2084
3017 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	14.6	218.5	227.8	3233
3018 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	7.0	327.8	330.3	2773
3018 >E	Clay 345kV Voltage	Ravenswood 3	6.5	327.8	329.3	3113
3018 >E	Ramapo 345kV Voltage	Pre-Fault	25.0	NA	346	3018
3019 >E	St.Lawrence 230kV Voltage	SBK Edic R945	10.3	218.5	226.2	2156
3019 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	10.3	218.5	226.2	2156
3024 >E	Station 80 345kV Voltage	SBK Edic R945	7.5	327.8	339.0	2157
3024 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	7.5	327.8	339.0	2157
3028 >E	St.Lawrence 230kV Voltage	Pre-Fault	25.9	NA	225	3028
3028 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	7.1	327.8	327.9	2986
3028 >E	Clay 345kV Voltage	N.Scot-Leeds 345	7.1	327.8	327.9	2982
3028 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	10.0	327.8	341.1	3235
3028 >E	Coopers Corners 345kV Voltage	SBK Edic R70	7.7	327.8	328.9	3059
3028 >E	Clay 345kV Voltage	Princetown-N.Scot 345	7.1	327.8	327.8	3016
3030 >E	Ramapo 500kV Voltage	SBK Edic R945	19.3	500	505.8	2159
3030 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	19.3	500	505.8	2159
3031 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	7.7	327.8	328.5	2985
3031 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	19.8	500	505.8	2086
3034 >E	Gilboa 345kV Voltage	Ph2 DC 1500	7.1	327.8	345.7	3235
3034 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	7.8	327.8	328.1	2992
3035 >E	Oakdale 345kV Voltage	Marcy South S.	6.0	320	320.4	3498
3036 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	7.8	327.8	327.9	3024
3036 >E	Clay 345kV Voltage	SBK Edic R70	7.2	327.8	326.7	3068
3039 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	8.4	327.8	338.1	2087
3040 >E	Coopers Corners 345kV Voltage	Volney-Marcy	7.8	327.8	327.4	2969
3041 >E	Leeds 345kV Voltage	Marcy South S.	5.8	327.8	348.4	3499
3044 >E	Gordon Rd 345kV Voltage	SBK Edic R945	6.1	327.8	323.8	2163

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 OG CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3044 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	6.1	327.8	323.8	2163
3049 >E	Rock Tavern 345kV Voltage	SBK Edic R945	6.8	327.8	339.5	2164
3049 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	339.5	2164
3049 >E	Ramapo 500kV Voltage	Ravenswood 3	38.1	500	506.2	3142
3051 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	13.2	218.5	225.2	2090
3052 >E	Ladentown 345kV Voltage	Pre-Fault	25.3	NA	346	3052
3054 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	339.1	2090
3055 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	9.5	327.8	332.4	2901
3055 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	6.6	327.8	334.6	2166
3055 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	6.6	327.8	334.6	2166
3055 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	6.6	327.8	334.6	2166
3055 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	6.6	327.8	334.6	2166
3058 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	7.3	327.8	332.8	3010
3058 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	7.3	327.8	332.8	3010
3058 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	8.3	327.8	325.1	2903
3058 >E	Station 80 345kV Voltage	Ph2 DC 1500	11.8	327.8	341.0	3239
3065 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	7.0	327.8	333.6	2092
3065 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	7.0	327.8	333.6	2092
3066 >E	Leeds 345kV Voltage	Pre-Fault	13.7	NA	345	3066
3078 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	7.9	327.8	330.5	3168
3078 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	7.9	327.8	330.5	3168
3081 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	7.5	327.8	331.8	3033
3082 >E	Pannell Road 345kV Voltage	SBK Princetown 345	9.4	327.8	329.9	2817
3083 >E	Pannell Road 345kV Voltage	Volney-Marcy	10.2	327.8	329.8	3008
3084 >E	Station 80 345kV Voltage	SBK Marcy R3108	10.7	327.8	331.6	2923
3085 >E	Pannell Road 345kV Voltage	Ravenswood 3	9.8	327.8	329.6	3175
3088 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	16.7	218.5	222.7	2926
3091 >E	Roseton 345kV Voltage	Pre-Fault	23.5	NA	345	3091
3093 >E	Gilboa 345kV Voltage	Ravenswood 3	8.0	327.8	330.5	3182
3097 >E	Pannell Road 345kV Voltage	Marcy South S.	11.4	327.8	332.5	3512
3100 >E	Pleasant Valley 345kV Voltage	Marcy South S.	10.2	327.8	340.2	3512
3101 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	8.5	327.8	327.8	3024
3101 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	8.5	327.8	327.8	3024
3101 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	8.6	327.8	327.8	2935
3101 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	8.6	327.8	327.8	2935
3102 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	8.6	327.8	327.7	3133
3102 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	8.6	327.8	327.7	3133
3102 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	8.7	327.8	327.6	3090
3102 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	8.7	327.8	327.6	3090
3104 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	10.7	327.8	327.9	3060

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 OG CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3104 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	10.7	327.8	327.9	3055
3104 >E	Pannell Road 345kV Voltage	Prinetown-N.Scot 345	10.7	327.8	327.8	3091
3105 >E	Dunwoodie 345kV Voltage	Ravenswood 3	19.8	327.8	336.8	3193
3106 >E	Sprain Brook 345kV Voltage	Ravenswood 3	19.6	327.8	336.8	3193
3106 >E	Station 80 345kV Voltage	SBK Prinetown 345	10.4	327.8	329.8	2834
3107 >E	Station 80 345kV Voltage	Ravenswood 3	10.9	327.8	329.7	3195
3108 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	8.8	327.8	327.0	3064
3108 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	8.8	327.8	327.0	3064
3109 >E	Buchanan North 345kV Voltage	SBK Edic R945	11.3	327.8	334.5	2182
3109 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	11.3	327.8	334.5	2182
3110 >E	Dunwoodie 345kV Voltage	SBK Edic R945	11.7	327.8	331.1	2182
3110 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	11.7	327.8	331.1	2182
3110 >E	Station 80 345kV Voltage	Volney-Marcy	11.4	327.8	329.4	3032
3110 >E	Pannell Road 345kV Voltage	SBK Edic R70	10.8	327.8	327.3	3142
3111 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	11.8	327.8	331.2	2182
3111 >E	Sprain Brook 345kV Voltage	SBK Edic R945	11.8	327.8	331.2	2182
3112 >E	Gilboa 345kV Voltage	SBK Marcy R3108	8.8	327.8	328.5	2943
3115 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	11.5	327.8	334.2	2100
3115 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	11.9	327.8	330.7	2100
3117 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	11.9	327.8	330.8	2100
3118 >E	Gilboa 345kV Voltage	Prinetown-N.Scot 345	9.1	327.8	327.8	3105
3118 >E	Gilboa 345kV Voltage	Volney-Marcy	9.1	327.8	327.8	3039
3119 >E	Dunwoodie 345kV Voltage	Marcy South S.	12.2	327.8	330.5	3516
3119 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	9.2	327.8	327.7	3075
3120 >E	Bowline 1 345kV Voltage	Pre-Fault	25.6	NA	345	3120
3122 >E	Gilboa 345kV Voltage	SBK Edic R70	9.3	327.8	327.3	3153
3123 >E	Sprain Brook 345kV Voltage	Marcy South S.	12.4	327.8	330.4	3517
3126 >E	St.Lawrence 230kV Voltage	Marcy South N.	30.9	218.5	232.7	3669
3128 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	11.8	327.8	327.9	3084
3129 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	11.8	327.8	327.8	3078
3129 >E	Station 80 345kV Voltage	Prinetown-N.Scot 345	11.8	327.8	327.8	3116
3132 >E	Bowline 2 345kV Voltage	Pre-Fault	25.6	NA	345	3132
3133 >E	Buchanan North 345kV Voltage	Ravenswood 3	17.3	327.8	337.0	3218
3134 >E	Station 80 345kV Voltage	SBK Edic R70	11.8	327.8	327.4	3165
3135 >E	Rock Tavern 345kV Voltage	Ravenswood 3	11.6	327.8	337.3	3221
3138 >E	Gilboa 345kV Voltage	SBK Prinetown 345	9.9	327.8	325.6	2856
3141 >E	Millwood 345kV Voltage	SBK Edic R945	11.9	327.8	332.6	2191

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0G CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3141 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	11.9	327.8	332.6	2191
3145 >E	Station 80 345kV Voltage	Marcy South S.	13.8	327.8	332.0	3522
3145 >E	Millwood 345kV Voltage	Ravenswood 3	17.8	327.8	337.1	3229
3147 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	12.1	327.8	332.2	2106
3150 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	11.1	327.8	337.7	2194
3150 >E	Ramapo 345kV Voltage	SBK Edic R945	11.1	327.8	337.7	2194
3150 >E	Buchanan South 345kV Voltage	SBK Edic R945	11.6	327.8	334.1	2194
3150 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	11.6	327.8	334.1	2194
3155 >E	St.Lawrence 230kV Voltage	Volney-Marcy	22.7	218.5	220.1	3072
3156 >E	Millwood 345kV Voltage	Marcy South S.	12.7	327.8	331.6	3525
3157 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	11.8	327.8	333.7	2107
3157 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	11.3	327.8	337.3	2107
3157 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	9.8	327.8	321.2	2870
3157 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	9.8	327.8	321.2	2870
3159 >E	St.Lawrence 230kV Voltage	Ravenswood 3	22.9	218.5	219.9	3243
3162 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	22.1	218.5	219.8	2873
3166 >E	St.Lawrence 230kV Voltage	Marcy South S.	23.4	218.5	221.8	3527
3170 >E	Ladentown 345kV Voltage	SBK Edic R945	11.2	327.8	337.4	2200
3170 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	11.2	327.8	337.4	2200
3174 >E	Buchanan South 345kV Voltage	Ravenswood 3	17.4	327.8	337.6	3256
3176 >E	Ramapo 500kV Voltage	Marcy South S.	33.8	500	502.8	3529
3178 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	11.4	327.8	336.9	2111
3188 >E	Bowline 1 345kV Voltage	SBK Edic R945	11.2	327.8	338.0	2205
3188 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	11.2	327.8	338.0	2205
3190 >E	Watercure 230kV Voltage	SBK Edic R945	12.2	207	227.6	2205
3190 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	12.2	207	227.6	2205
3193 >E	Bowline 2 345kV Voltage	SBK Edic R945	11.2	327.8	338.2	2206
3193 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	11.2	327.8	338.2	2206
3196 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	11.4	327.8	337.6	2114
3196 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	25.9	218.5	218.5	3183
3197 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	26.0	218.5	218.4	3151
3198 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	26.0	218.5	218.4	3144
3201 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	11.4	327.8	337.7	2114
3209 >E	St.Lawrence 230kV Voltage	SBK Edic R70	27.3	218.5	218.0	3240
3217 >E	Ramapo 345kV Voltage	Ravenswood 3	16.5	327.8	338.0	3295
3217 >E	Somerset 345kV Voltage	Marcy South N.	18.3	327.8	349.3	3672
3218 >E	Buchanan South 345kV Voltage	Marcy South S.	14.1	327.8	329.9	3539
3220 >E	Leeds 345kV Voltage	Ph2 DC 1500	11.9	327.8	350.9	3260
3220 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	13.5	207	227.0	2118
3230 >E	Roseton 345kV Voltage	SBK Edic R945	12.9	327.8	336.3	2217

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 OG CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3230 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	12.9	327.8	336.3	2217
3235 >E	Watercure 230kV Voltage	Ph2 DC 1500	14.9	207	226.5	3262
3237 >E	Ramapo 500kV Voltage	Marcy South N.	50.8	500	504.9	3673
3237 >E	Ladentown 345kV Voltage	Ravenswood 3	16.8	327.8	338.7	3313
3238 >E	Buchanan North 345kV Voltage	Marcy South S.	15.7	327.8	326.8	3543
3240 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	13.2	327.8	335.8	2121
3242 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	17.0	327.8	333.9	3318
3243 >E	Roseton 345kV Voltage	Marcy South S.	13.2	327.8	335.7	3544
3255 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	14.9	327.8	332.0	2224
3255 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	14.9	327.8	332.0	2224
3259 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	15.8	327.8	330.4	2941
3263 >E	Somerset 345kV Voltage	SBK Edic R945	14.7	327.8	343.3	2227
3263 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	14.7	327.8	343.3	2227
3266 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	15.2	327.8	331.4	2125
3266 >E	Bowline 1 345kV Voltage	Ravenswood 3	16.9	327.8	339.3	3340
3268 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	17.7	327.8	346.7	3266
3270 >E	Somerset 345kV Voltage	Pre-Fault	23.0	NA	338	3270
3273 >E	Bowline 2 345kV Voltage	Ravenswood 3	16.9	327.8	339.5	3346
3282 >E	Watercure 230kV Voltage	Marcy South N.	28.5	207	237.7	3675
3283 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	23.5	327.8	343.4	3268
3291 >E	Rock Tavern 345kV Voltage	SBK Edic R70	17.4	327.8	328.6	3321
3291 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	17.4	327.8	328.6	3234
3301 >E	Leeds 345kV Voltage	SBK Marcy R3108	13.7	327.8	327.8	3082
3301 >E	Leeds 345kV Voltage	Ravenswood 3	13.7	327.8	327.8	3372
3301 >E	Leeds 345kV Voltage	Volney-Marcy	13.7	327.8	327.8	3204
3301 >E	Leeds 345kV Voltage	SBK Edic R70	13.7	327.8	327.8	3331
3301 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	13.7	327.8	327.8	3286
3301 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	13.7	327.8	327.8	3252
3301 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	327.8	3243
3301 >E	Leeds 345kV Voltage	SBK Princetown 345	13.7	327.8	327.8	2970
3303 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	19.3	327.8	347.4	3271
3303 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	17.8	327.8	327.9	3254
3305 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	17.9	327.8	327.8	3290
3305 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	16.4	327.8	342.2	2132
3309 >E	Roseton 345kV Voltage	Ravenswood 3	17.7	327.8	335.7	3379
3311 >E	Rock Tavern 345kV Voltage	Volney-Marcy	17.9	327.8	327.5	3214
3322 >E	Rock Tavern 345kV Voltage	Marcy South S.	13.6	327.8	317.2	3562
3337 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	26.7	327.8	328.5	3278
3337 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	19.4	327.8	329.2	3278

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 OG CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3338 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	18.8	327.8	326.0	3109
3339 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	27.0	327.8	328.4	3280
3341 >E	Buchanan North 345kV Voltage	SBK Princetown 345	23.8	327.8	328.9	2998
3342 >E	Gilboa 345kV Voltage	Marcy South N.	24.3	327.8	344.0	3677
3348 >E	Sprain Brook 345kV Voltage	SBK Edic R70	27.3	327.8	328.1	3379
3350 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	24.7	327.8	328.5	3290
3351 >E	Dunwoodie 345kV Voltage	SBK Edic R70	27.7	327.8	328.1	3381
3351 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	26.7	327.8	328.0	3004
3353 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	23.7	327.8	328.6	3293
3353 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	27.1	327.8	327.9	3006
3355 >E	Millwood 345kV Voltage	Ph2 DC 1500	25.3	327.8	345.0	3277
3356 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	27.7	327.8	327.8	3341
3358 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	27.8	327.8	327.7	3307
3358 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	28.0	327.8	327.8	3343
3359 >E	Buchanan North 345kV Voltage	SBK Edic R70	25.1	327.8	328.2	3389
3359 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	23.9	327.8	346.1	3278
3361 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	28.1	327.8	327.7	3310
3362 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	20.3	327.8	328.0	3392
3363 >E	Ramapo 345kV Voltage	Ph2 DC 1500	22.3	327.8	347.3	3279
3364 >E	Somerset 345kV Voltage	Ph2 DC 1500	20.8	327.8	345.9	3279
3365 >E	Sprain Brook 345kV Voltage	Volney-Marcy	27.9	327.8	327.5	3262
3366 >E	Millwood 345kV Voltage	SBK Edic R70	24.4	327.8	328.1	3396
3366 >E	Millwood 345kV Voltage	SBK Princetown 345	23.8	327.8	328.1	3015
3366 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	20.4	327.8	327.7	3351
3367 >E	Dunwoodie 345kV Voltage	Volney-Marcy	28.2	327.8	327.5	3264
3369 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	25.5	327.8	327.8	3354
3369 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	25.5	327.8	327.8	3318
3370 >E	Ramapo 500kV Voltage	SBK Princetown 345	58.4	500	501.9	3017
3370 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	20.5	327.8	327.6	3319
3372 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	20.5	327.8	327.5	3269
3374 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	24.7	327.8	327.8	3359
3375 >E	Buchanan North 345kV Voltage	Volney-Marcy	25.6	327.8	327.5	3271
3376 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	24.8	327.8	327.7	3325
3378 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	30.5	327.8	342.8	3281
3381 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	20.4	327.8	327.0	3025
3382 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	30.9	327.8	342.8	3281

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 OG CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3382 >E	Millwood 345kV Voltage	Volney-Marcy	24.8	327.8	327.4	3278
3383 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	28.7	327.8	326.8	3142
3385 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	20.9	327.8	326.8	3143
3386 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	29.1	327.8	326.8	3144
3394 >E	Ladentown 345kV Voltage	Ph2 DC 1500	22.3	327.8	348.5	3283
3395 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	26.4	327.8	326.8	3151
3395 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	23.9	327.8	328.7	3333
3397 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	17.3	327.8	327.8	2266
3397 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	17.3	327.8	327.8	2147
3397 >E	Leeds 345kV Voltage	SBK Edic R945	17.3	327.8	327.8	2266
3399 >E	Buchanan South 345kV Voltage	SBK Princetown 345	23.6	327.8	328.5	3038
3400 >E	Ladentown 345kV Voltage	Marcy South S.	18.3	327.8	324.2	3579
3400 >E	Millwood 345kV Voltage	SBK Marcy R3108	25.5	327.8	326.7	3155
3407 >E	Buchanan South 345kV Voltage	SBK Edic R70	24.4	327.8	328.2	3437
3412 >E	Ramapo 345kV Voltage	Marcy South S.	19.1	327.8	323.3	3582
3417 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	24.8	327.8	327.8	3402
3419 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	24.9	327.8	327.7	3366
3425 >E	Buchanan South 345kV Voltage	Volney-Marcy	24.9	327.8	327.5	3316
3426 >E	Ramapo 345kV Voltage	SBK Princetown 345	22.8	327.8	329.7	3057
3428 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	22.3	327.8	350.0	3287
3430 >E	Somerset 345kV Voltage	SBK Marcy R3108	20.9	327.8	331.0	3177
3434 >E	Somerset 345kV Voltage	Ravenswood 3	20.7	327.8	330.9	3494
3438 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	22.2	327.8	350.4	3288
3438 >E	Somerset 345kV Voltage	SBK Princetown 345	20.4	327.8	330.7	3065
3440 >E	Bowline 1 345kV Voltage	Marcy South S.	18.6	327.8	323.7	3588
3442 >E	Roseton 345kV Voltage	Ph2 DC 1500	22.8	327.8	349.5	3289
3445 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	25.7	327.8	326.6	3188
3447 >E	Leeds 345kV Voltage	Marcy South N.	23.6	327.8	352.0	3682
3451 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	24.2	327.8	328.6	3387
3456 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	69.5	500	500.8	3391
3458 >E	Ramapo 345kV Voltage	SBK Edic R70	24.5	327.8	328.4	3488
3463 >E	Ramapo 500kV Voltage	SBK Marcy R3108	69.9	500	500.7	3201
3469 >E	Ladentown 345kV Voltage	SBK Princetown 345	23.3	327.8	329.5	3086
3471 >E	Ramapo 500kV Voltage	Volney-Marcy	70.8	500	500.6	3358
3472 >E	Roseton 345kV Voltage	SBK Princetown 345	22.3	327.8	328.7	3089
3472 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	25.0	327.8	327.8	3418
3472 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	25.0	327.8	327.8	3456
3473 >E	Somerset 345kV Voltage	Volney-Marcy	22.1	327.8	329.2	3360
3473 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	22.7	327.8	328.7	3407

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0G CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3479 >E	Ramapo 345kV Voltage	Volney-Marcy	25.1	327.8	327.5	3365
3484 >E	Roseton 345kV Voltage	SBK Edic R70	23.2	327.8	328.2	3514
3488 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	24.4	327.8	328.7	3422
3490 >E	Bowline 2 345kV Voltage	Marcy South S.	20.1	327.8	321.3	3599
3494 >E	Ramapo 500kV Voltage	SBK Edic R70	73.1	500	500.3	3524
3494 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	23.5	327.8	327.8	3478
3496 >E	Coopers Corners 345kV Voltage	Marcy South S.	14.7	327.8	268.6	3601
3496 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	23.5	327.8	327.7	3441
3498 >E	Ladentown 345kV Voltage	SBK Edic R70	24.8	327.8	328.3	3528
3501 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	74.2	500	500.2	3446
3501 >E	Roseton 345kV Voltage	Volney-Marcy	23.6	327.8	327.5	3385
3503 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	23.0	327.8	327.9	3448
3504 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	23.0	327.8	327.8	3437
3504 >E	Ramapo 345kV Voltage	SBK Marcy R3108	25.9	327.8	326.5	3231
3504 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	23.0	327.8	327.8	3488
3506 >E	Somerset 345kV Voltage	SBK Edic R70	23.0	327.8	327.8	3535
3510 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	74.9	500	500.0	3494
3512 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	25.3	327.8	327.8	3495
3512 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	25.3	327.8	327.8	3456
3513 >E	Bowline 1 345kV Voltage	SBK Princetown 345	23.6	327.8	329.7	3117
3514 >E	Ramapo 500kV Voltage	Pre-Fault	75.2	NA	500	3514
3519 >E	Ladentown 345kV Voltage	Volney-Marcy	25.4	327.8	327.5	3401
3523 >E	Bowline 2 345kV Voltage	SBK Princetown 345	23.6	327.8	329.7	3124
3524 >E	Roseton 345kV Voltage	SBK Marcy R3108	24.3	327.8	326.5	3246
3527 >E	Fraser 345kV Voltage	Marcy South N.	34.1	327.8	327.8	3685
3536 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	24.8	327.8	328.8	3467
3545 >E	Ladentown 345kV Voltage	SBK Marcy R3108	26.2	327.8	326.5	3261
3546 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	24.7	327.8	328.8	3477
3546 >E	Bowline 1 345kV Voltage	SBK Edic R70	25.2	327.8	328.4	3576
3556 >E	Bowline 2 345kV Voltage	SBK Edic R70	25.1	327.8	328.4	3586
3561 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	25.6	327.8	327.8	3545
3562 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	25.7	327.8	327.8	3505
3569 >E	Bowline 1 345kV Voltage	Volney-Marcy	25.8	327.8	327.5	3447
3572 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	25.6	327.8	327.8	3555
3572 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	25.6	327.8	327.8	3515

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 OG CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3580 >E	Bowline 2 345kV Voltage	Volney-Marcy	25.7	327.8	327.5	3456
3597 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	26.6	327.8	326.4	3299
3607 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	26.5	327.8	326.4	3307
3635 >E	Somerset 345kV Voltage	Marcy South S.	29.1	327.8	332.9	3632
3811 >E	Rainey 345kV Voltage	Ravenswood 3	44.2	327.8	343.0	3838
3830 >E	Niagara 345kV Voltage	Marcy South N.	35.5	327.8	353.3	3697
3843 >E	Niagara 345kV Voltage	SBK Edic R945	30.7	327.8	348.4	2396
3844 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	30.7	327.8	348.4	2396
3855 >E	Farragut 345kV Voltage	Ravenswood 3	46.1	327.8	342.2	3878
3865 >E	Niagara 230kV East Voltage	Marcy South N.	72.2	218.5	232.2	3699
3865 >E	Niagara 230kV West Voltage	Marcy South N.	72.2	218.5	232.2	3699
3885 >E	Pleasant Valley 345kV Voltage	Marcy South N.	50.0	327.8	347.0	3699
3918 >E	Niagara 230kV East Voltage	SBK Edic R945	68.8	218.5	230.1	2417
3918 >E	Niagara 230kV West Voltage	SBK Edic R945	68.8	218.5	230.1	2417
3918 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	68.8	218.5	230.1	2417
3918 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	68.8	218.5	230.1	2417
3959 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	34.5	327.8	347.2	2241
3981 >E	Niagara 230kV East Voltage	Ph2 DC 1500	76.6	218.5	229.9	3360
3981 >E	Niagara 230kV West Voltage	Ph2 DC 1500	76.6	218.5	229.9	3360
4013 >E	Niagara 345kV Voltage	Ph2 DC 1500	38.1	327.8	349.8	3364
4029 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	42.0	327.8	333.9	2450
4029 >E	Rainey 345kV Voltage	SBK Edic R945	42.0	327.8	333.9	2450
4039 >E	Niagara 345kV Voltage	Pre-Fault	53.8	NA	338	4039
4051 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	42.7	327.8	333.5	2256
4057 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	78.2	218.5	229.7	2257
4057 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	78.2	218.5	229.7	2257
4058 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	44.0	327.8	333.8	2458
4058 >E	Farragut 345kV Voltage	SBK Edic R945	44.0	327.8	333.8	2458
4080 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	44.7	327.8	333.4	2261
4094 >E	Rainey 345kV Voltage	Marcy South S.	44.4	327.8	332.7	3734
4125 >E	Farragut 345kV Voltage	Marcy South S.	46.5	327.8	332.6	3741
4204 >E	Farragut 345kV Voltage	Pre-Fault	82.2	NA	338	4204
4217 >E	Rainey 345kV Voltage	Pre-Fault	80.4	NA	338	4217
4259 >E	Niagara 230kV East Voltage	Pre-Fault	158.2	NA	225	4259
4259 >E	Niagara 230kV West Voltage	Pre-Fault	158.2	NA	225	4259
4263 >E	Coopers Corners 345kV Voltage	Marcy South N.	48.8	327.8	317.7	3715
4263 >E	Goethals 345kV Voltage	Ravenswood 3	62.3	327.8	341.2	4251
4326 >E	Niagara 345kV Voltage	Ravenswood 3	46.0	327.8	332.7	4309
4364 >E	Niagara 345kV Voltage	SBK Princetown 345	46.5	327.8	332.0	3709
4365 >E	Niagara 345kV Voltage	SBK Marcy R3108	47.1	327.8	331.9	3863
4380 >E	Gardenville 230kV Voltage	Marcy South N.	61.3	207	234.1	3719

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 OG CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4423 >E	Goethals 345kV Voltage	SBK Edic R945	58.7	327.8	333.9	2564
4423 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	58.7	327.8	333.9	2564
4450 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	59.6	327.8	333.5	2323
4477 >E	Niagara 345kV Voltage	Volney-Marcy	50.4	327.8	329.8	4266
4514 >E	Goethals 345kV Voltage	Marcy South S.	62.2	327.8	332.7	3828
4575 >E	Niagara 345kV Voltage	SBK Edic R70	53.4	327.8	328.0	4601
4581 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	53.6	327.8	327.9	4495
4582 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	53.6	327.8	327.9	4468
4585 >E	Niagara 345kV Voltage	Princeton-N.Scot 345	53.7	327.8	327.8	4560
4618 >E	Goethals 345kV Voltage	Pre-Fault	110.5	NA	338	4618
4620 >E	Watercure 230kV Voltage	Marcy South S.	64.5	207	200.3	3852
4672 >E	Buchanan North 345kV Voltage	Marcy South N.	92.0	327.8	339.3	3731
4693 >E	Niagara 230kV East Voltage	Ravenswood 3	120.0	218.5	222.3	4644
4693 >E	Niagara 230kV West Voltage	Ravenswood 3	120.0	218.5	222.3	4644
4696 >E	Millwood 345kV Voltage	Marcy South N.	94.7	327.8	343.0	3732
4711 >E	Gardenville 230kV Voltage	Ph2 DC 1500	66.6	207	229.3	3455
4740 >E	Roseton 345kV Voltage	Marcy South N.	73.6	327.8	346.9	3734
4761 >E	Niagara 230kV East Voltage	SBK Marcy R3108	124.0	218.5	221.8	4155
4761 >E	Niagara 230kV West Voltage	SBK Marcy R3108	124.0	218.5	221.8	4155
4843 >E	Niagara 230kV East Voltage	SBK Princetown 345	128.4	218.5	221.3	4042
4843 >E	Niagara 230kV West Voltage	SBK Princetown 345	128.4	218.5	221.3	4042
4859 >E	Buchanan South 345kV Voltage	Marcy South N.	93.1	327.8	342.9	3739
4870 >E	Sprain Brook 345kV Voltage	Marcy South N.	118.9	327.8	341.2	3739
4884 >E	Dunwoodie 345kV Voltage	Marcy South N.	120.6	327.8	341.2	3740
4972 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	78.0	327.8	328.6	4840
4978 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	79.8	327.8	328.6	4846
4984 >E	Rainey 345kV Voltage	SBK Princetown 345	78.1	327.8	328.5	4141
4990 >E	Farragut 345kV Voltage	SBK Princetown 345	79.8	327.8	328.4	4145
4991 >E	Niagara 230kV East Voltage	Volney-Marcy	138.8	218.5	220.4	4730
4991 >E	Niagara 230kV West Voltage	Volney-Marcy	138.8	218.5	220.4	4730
5017 >E	Rainey 345kV Voltage	SBK Edic R70	79.7	327.8	328.1	5042
5023 >E	Farragut 345kV Voltage	SBK Edic R70	81.5	327.8	328.0	5048
5040 >E	Rainey 345kV Voltage	Princeton-N.Scot 345	80.5	327.8	327.8	5011
5046 >E	Farragut 345kV Voltage	Princeton-N.Scot 345	82.3	327.8	327.8	5017
5048 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	80.8	327.8	327.7	4948
5053 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	82.6	327.8	327.7	4953
5060 >E	Rainey 345kV Voltage	Volney-Marcy	81.0	327.8	327.5	4791
5065 >E	Farragut 345kV Voltage	Volney-Marcy	82.9	327.8	327.5	4796

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 OG CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5106 >E	Niagara 345kV Voltage	Marcy South S.	71.3	327.8	334.5	3960
5124 >E	Rainey 345kV Voltage	SBK Marcy R3108	83.3	327.8	326.7	4421
5128 >E	Farragut 345kV Voltage	SBK Marcy R3108	85.1	327.8	326.8	4424
5203 >E	Ramapo 345kV Voltage	Marcy South N.	94.6	327.8	341.2	3753
5230 >E	Rock Tavern 345kV Voltage	Marcy South N.	87.3	327.8	337.3	3754
5233 >E	Niagara 230kV East Voltage	SBK Edic R70	154.8	218.5	218.8	5256
5233 >E	Niagara 230kV West Voltage	SBK Edic R70	154.8	218.5	218.8	5256
5266 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	156.9	218.5	218.6	5160
5266 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	156.9	218.5	218.6	5160
5268 >E	Rainey 345kV Voltage	Ph2 DC 1500	90.5	327.8	352.9	3528
5269 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	157.1	218.5	218.6	5125
5269 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	157.1	218.5	218.6	5125
5281 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	157.8	218.5	218.5	5250
5281 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	157.8	218.5	218.5	5250
5285 >E	Farragut 345kV Voltage	Ph2 DC 1500	93.0	327.8	352.4	3530
5329 >E	Ladentown 345kV Voltage	Marcy South N.	96.1	327.8	342.4	3758
5366 >E	Gardenville 230kV Voltage	SBK Edic R945	91.4	207	241.9	2839
5366 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	91.4	207	241.9	2839
5469 >E	Bowline 1 345kV Voltage	Marcy South N.	95.5	327.8	343.5	3764
5671 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	107.7	327.8	328.5	5508
5671 >E	Goethals 345kV Voltage	SBK Princetown 345	107.3	327.8	328.5	4619
5724 >E	Goethals 345kV Voltage	SBK Edic R70	109.8	327.8	328.0	5747
5749 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	110.7	327.8	327.8	5714
5759 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	111.0	327.8	327.7	5639
5774 >E	Goethals 345kV Voltage	Volney-Marcy	111.4	327.8	327.5	5436
5783 >E	Bowline 2 345kV Voltage	Marcy South N.	105.4	327.8	342.7	3776
5856 >E	Goethals 345kV Voltage	SBK Marcy R3108	114.4	327.8	326.8	4959
5976 >E	Goethals 345kV Voltage	Ph2 DC 1500	121.0	327.8	352.5	3621
5976 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	113.9	207	243.7	2578
6155 >E	Niagara 230kV East Voltage	Marcy South S.	218.7	218.5	222.9	4194
6155 >E	Niagara 230kV West Voltage	Marcy South S.	218.7	218.5	222.9	4194
9230 >E	Northport 138kV Voltage	Ravenswood 3	505.0	131.1	135.0	8790
9239 >E	Northport 138kV Voltage	Pre-Fault	711.8	NA	135	9239
11389 >E	Northport 138kV Voltage	Ph2 DC 1500	669.8	131.1	144.6	4331
11729 >E	Northport 138kV Voltage	N.Scot-Leeds 345	689.7	131.1	131.5	11300
11815	Northport 138kV Voltage	SBK Princetown 345	695.5	131.1	131.4	8894

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0G CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
11907	Northport 138kV Voltage	SBK Edic R70	703.6	131.1	131.3	11909
>E						
12035	Northport 138kV Voltage	Princetown-N.Scot 345	713.4	131.1	131.1	11948
>E						
12065	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	715.7	131.1	131.0	11764
>E						
12100	Northport 138kV Voltage	Volney-Marcy	718.0	131.1	131.0	11144
>E						
12391	Northport 138kV Voltage	SBK Marcy R3108	740.4	131.1	130.6	9759
>E						
12485	Rainey 345kV Voltage	Marcy South N.	361.5	327.8	349.5	4048
>E						
12555	Farragut 345kV Voltage	Marcy South N.	371.4	327.8	349.0	4051
>E						
12640	Gardenville 230kV Voltage	Ravenswood 3	351.0	207	231.2	11906
>E						
14662	Gardenville 230kV Voltage	SBK Princetown 345	423.7	207	230.5	10875
>E						
14779	Gardenville 230kV Voltage	SBK Marcy R3108	431.6	207	230.4	11513
>E						
15769	Goethals 345kV Voltage	Marcy South N.	500.9	327.8	349.7	4181
>E						
23165	Gardenville 230kV Voltage	Volney-Marcy	732.2	207	227.4	21129
>E						
51296	Gardenville 230kV Voltage	Pre-Fault	2716.6	NA	217	51296
>E						
63231	Gardenville 230kV Voltage	SBK Edic R70	2168.0	207	212.6	63061
>E						
66036	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	2271.6	207	211.6	64182
>E						
66685	Gardenville 230kV Voltage	N.Scot-Leeds 345	2295.1	207	211.3	63832
>E						
74362	Gardenville 230kV Voltage	Princetown-N.Scot 345	2569.8	207	208.5	73758
>E						
76055	Northport 138kV Voltage	Marcy South N.	5747.8	131.1	146.5	6626
>E						
99998	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

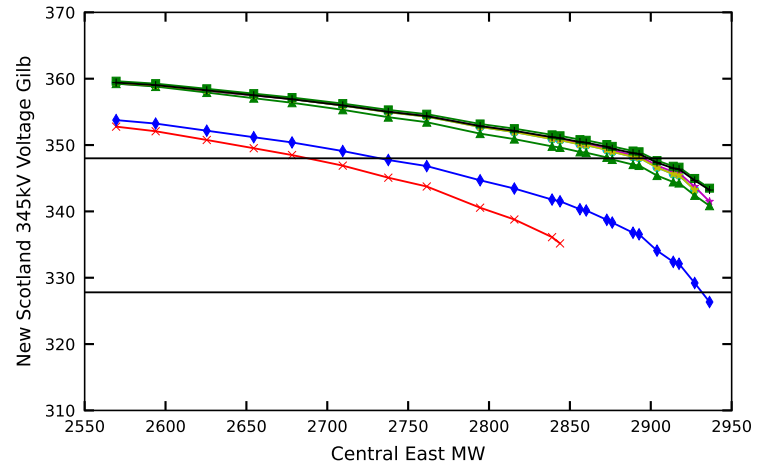
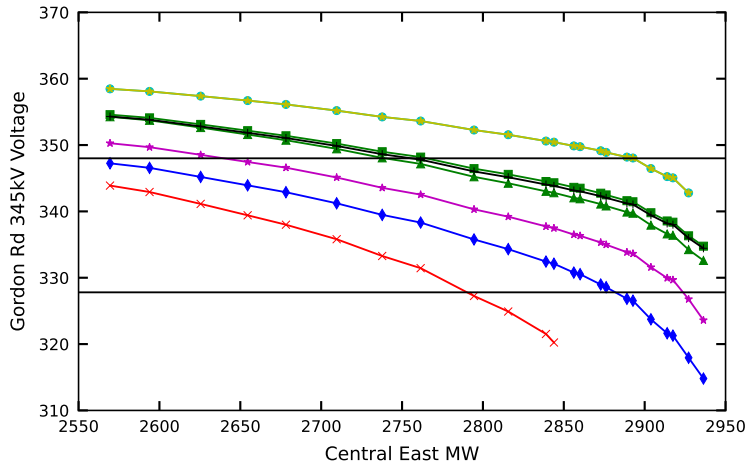
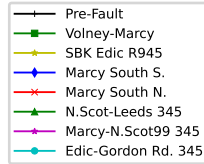
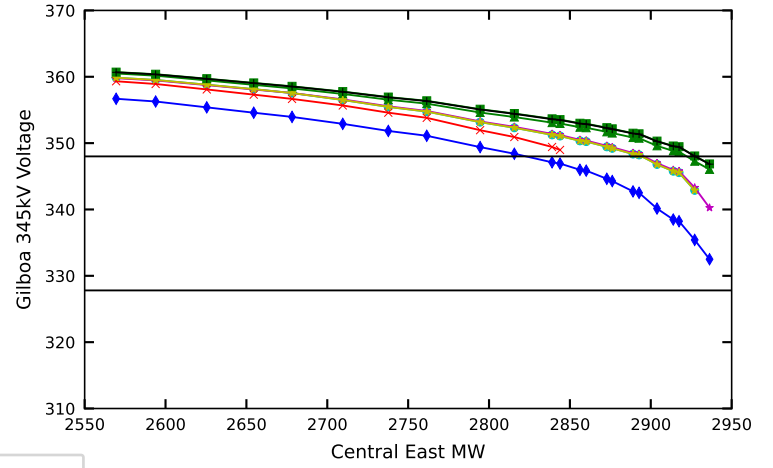
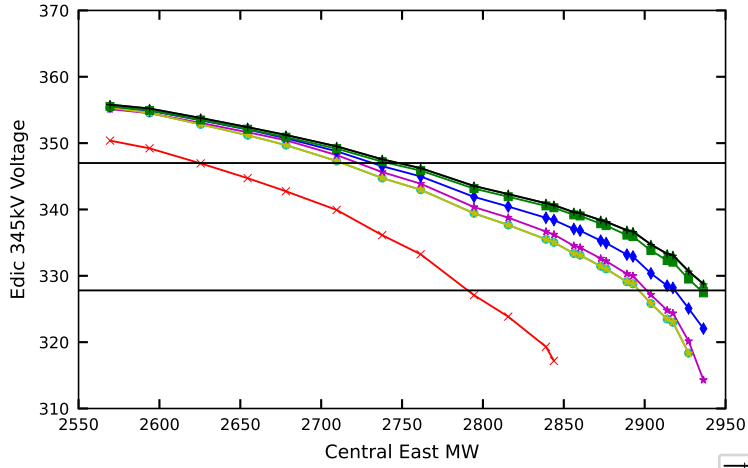
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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0G CAP

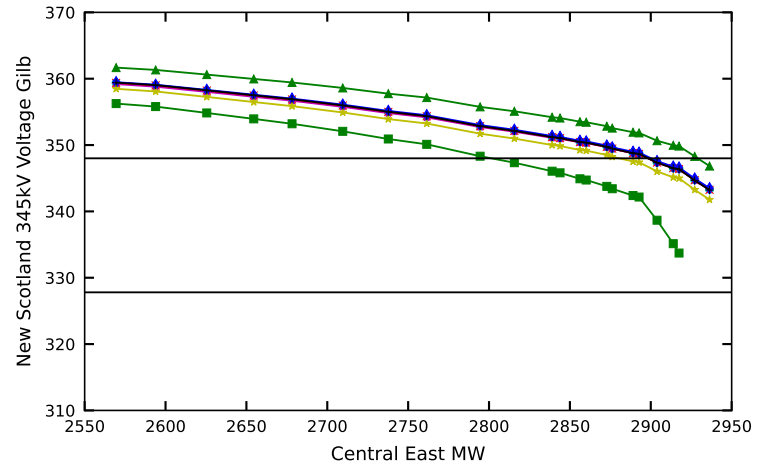
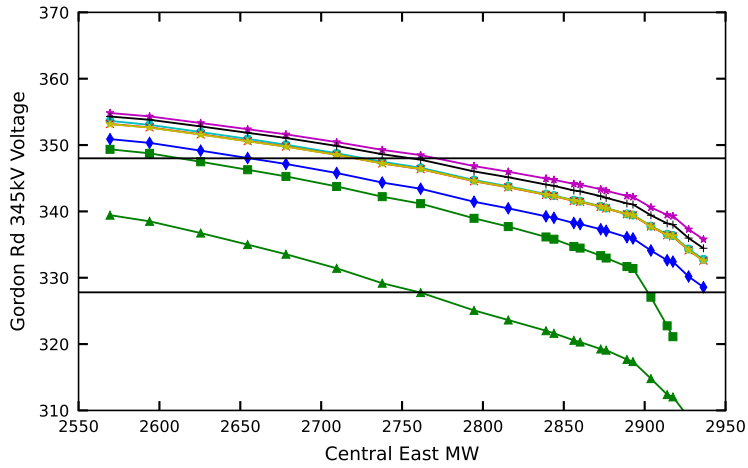
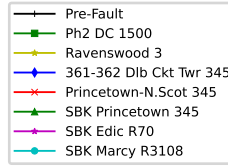
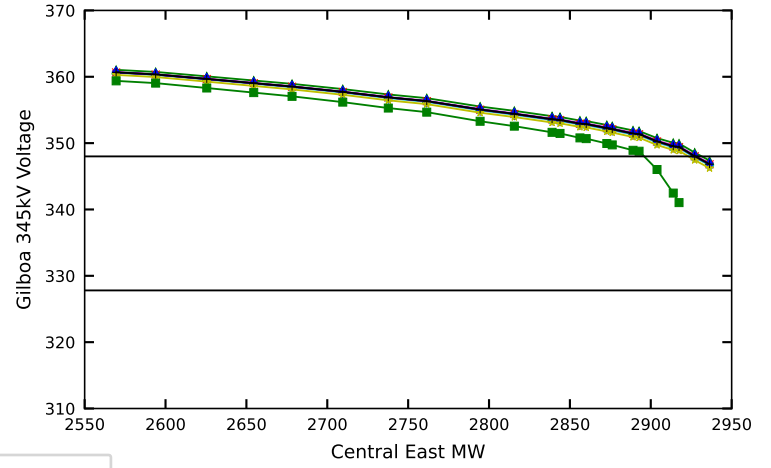
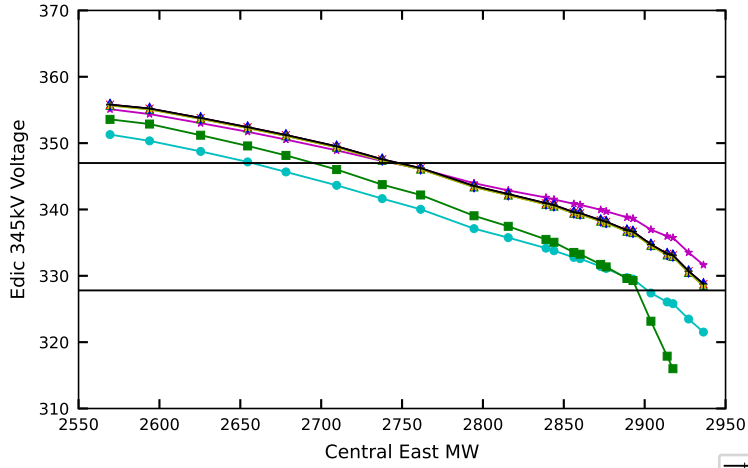
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

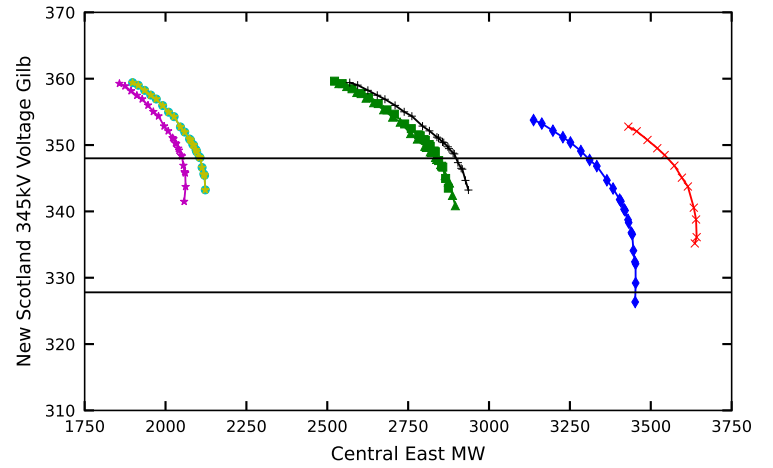
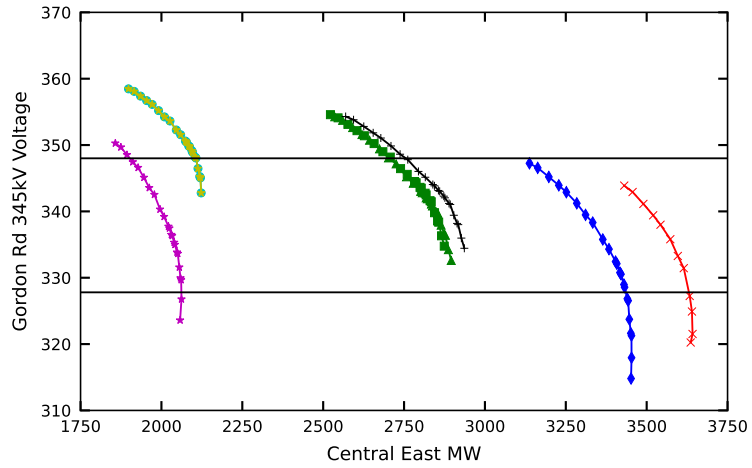
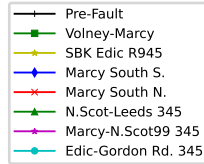
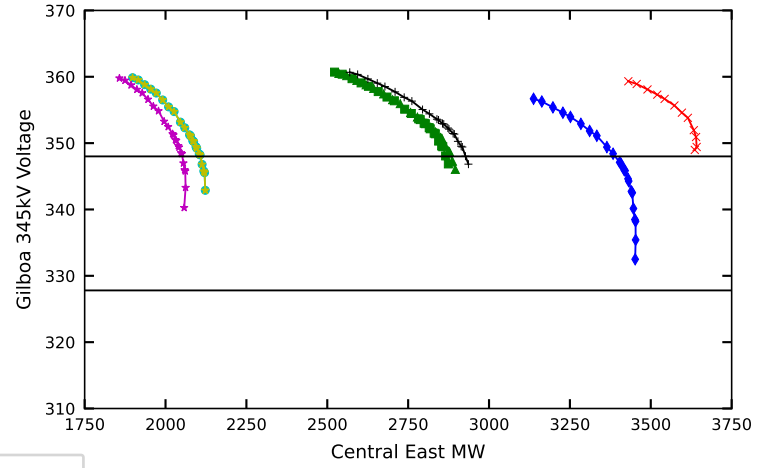
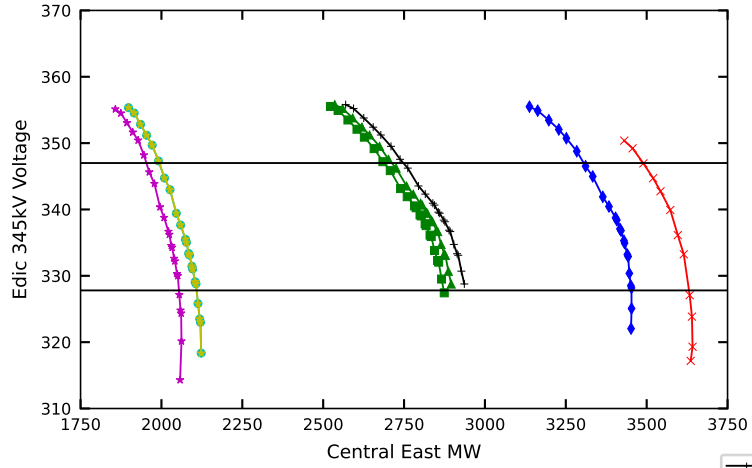
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS Figure 1



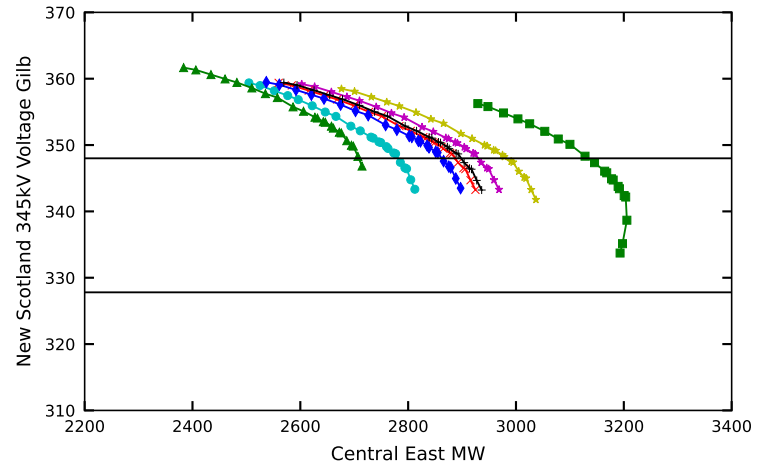
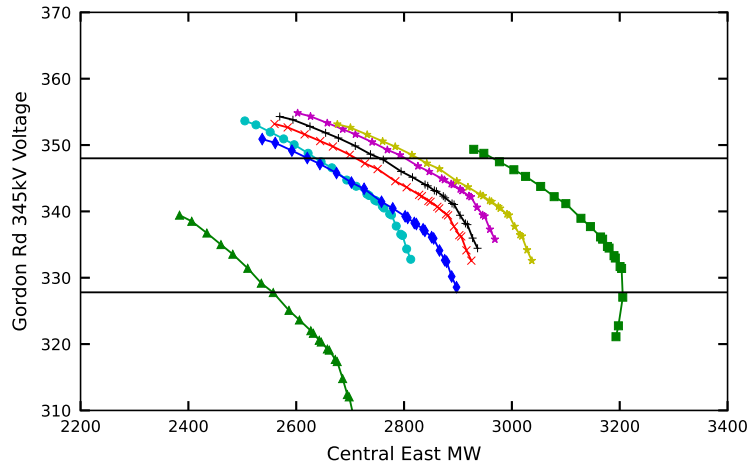
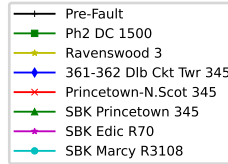
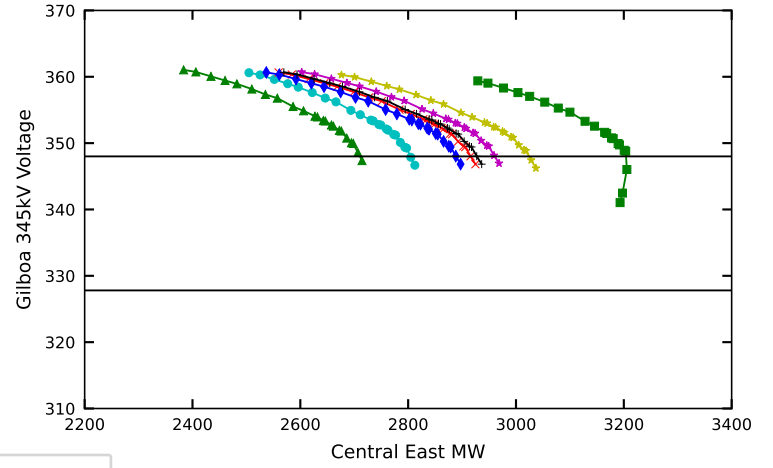
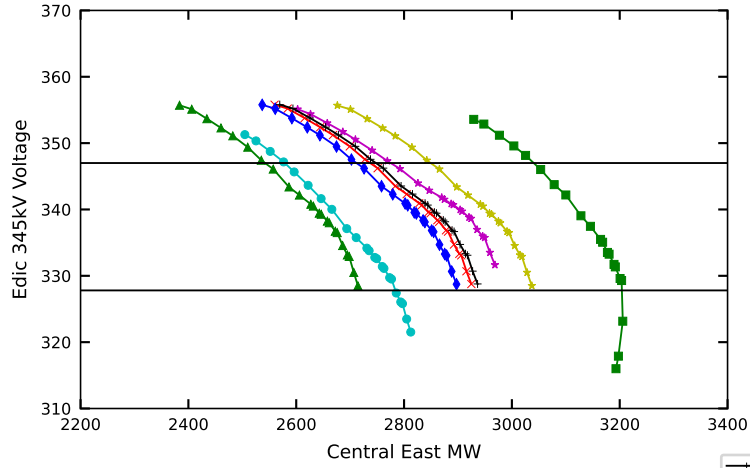
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS Figure 2



1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS Figure 1



1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\0L_CAPS\Sum2023_CEVC_PH2_3O_0L_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 3O 0L CAPS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2569	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2593	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2625	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2654	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2678	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2709	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2737	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2761	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2794	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2815	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2838	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2843	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2856	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2860	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2872	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2876	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2889	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2892	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2903	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2913	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2917	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2927	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	2															
2936	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	2
	3															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

02-28-2023 17:05

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 3O 0L CAPS

Interface: Central East

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2436 <E	Dunwoodie 345kV Voltage	Pre-Fault	110.8	NA	348	2436
2448 <E	Sprain Brook 345kV Voltage	Pre-Fault	111.0	NA	348	2448
2697	limit with 5% margin	Marcy South N.	NA	NA	NA	3459
2731	Marcy 345kV Voltage	Pre-Fault	14.3	NA	348	2731
2747	Edic 345kV Voltage	Pre-Fault	17.9	NA	347	2747
2752	Millwood 345kV Voltage	Pre-Fault	115.9	NA	348	2752
2755	Gordon Rd 345kV Voltage	Pre-Fault	28.9	NA	348	2755
2758	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3045
2760	Gordon Rd 345kV Voltage	SBK Princetown 345	16.8	327.8	347.8	2556
2780	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2016
2780	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1958
2780	limit with 5% margin	Marcy South S.	NA	NA	NA	3280
2780	limit with 5% margin	SBK Edic R945	NA	NA	NA	2016
2789	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2751
2789	limit with 5% margin	Volney-Marcy	NA	NA	NA	2730
2789	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2671
2789	limit with 5% margin	SBK Edic R70	NA	NA	NA	2820
2789	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2578
2789	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2778
2789	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2752
2789	limit with 5% margin	Ravenswood 3	NA	NA	NA	2885
2790	Gordon Rd 345kV Voltage	Marcy South N.	7.9	327.8	346.3	3630
2790	Edic 345kV Voltage	Marcy South N.	5.3	327.8	343.9	3630
2792	Marcy 345kV Voltage	Marcy South N.	5.3	327.8	343.7	3631
2832	Clay 345kV Voltage	Marcy South N.	6.8	327.8	347.0	3641
2848 >E	Oakdale 345kV Voltage	Marcy South N.	6.6	320	345.5	3642
2861	Buchanan North 345kV Voltage	Pre-Fault	51.7	NA	346	2861
2873	Pannell Road 345kV Voltage	Pre-Fault	33.8	NA	346	2873
2876	Clay 345kV Voltage	Pre-Fault	14.6	NA	345	2876
2877	Station 80 345kV Voltage	Pre-Fault	19.6	NA	346	2877
2881	Gordon Rd 345kV Voltage	Marcy South S.	7.4	327.8	341.7	3435
2894	Marcy 345kV Voltage	SBK Edic R945	3.7	327.8	336.3	2107
2894	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.7	327.8	336.3	2107
2895	Edic 345kV Voltage	Ph2 DC 1500	1.8	327.8	336.2	3204
2895	Marcy 345kV Voltage	Ph2 DC 1500	1.8	327.8	336.1	3204
2896	Edic 345kV Voltage	SBK Edic R945	3.7	327.8	336.0	2108
2896	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.7	327.8	336.0	2108
2898	New Scotland 345kV Voltage Alps	Pre-Fault	8.5	NA	348	2898
2898	New Scotland 345kV Voltage Gilb	Pre-Fault	8.5	NA	348	2898
2901	Edic 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	335.2	2054

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2901	Edic 345kV Voltage	SBK Marcy R3108	5.3	327.8	335.1	2783
2901	Gordon Rd 345kV Voltage	Ph2 DC 1500	2.6	327.8	339.7	3205
2904	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.3	327.8	334.5	2055
2911 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.8	327.8	348.2	3647
2911 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.8	327.8	348.2	3647
2918	Edic 345kV Voltage	Marcy South S.	3.1	327.8	332.8	3453
2918 >E	Pannell Road 345kV Voltage	Marcy South N.	12.0	327.8	345.6	3648
2919	Pleasant Valley 345kV Voltage	Pre-Fault	12.2	NA	348	2919
2919	Marcy 345kV Voltage	Marcy South S.	3.1	327.8	332.5	3453
2920 >E	Clay 345kV Voltage	Ph2 DC 1500	2.5	327.8	340.3	3208
2921	Rock Tavern 345kV Voltage	Pre-Fault	11.4	NA	348	2921
2923	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	3.3	327.8	336.7	2061
2924	Coopers Corners 345kV Voltage	SBK Edic R945	2.8	327.8	340.0	2122
2924	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	340.0	2122
2926	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	339.6	2061
2927	Oakdale 345kV Voltage	Pre-Fault	4.6	NA	335	2927
2927	Gilboa 345kV Voltage	Pre-Fault	7.7	NA	348	2927
2928 >E	Ramapo 500kV Voltage	Ph2 DC 1500	13.6	500	507.0	3210
2929 >E	Fraser 345kV Voltage	SBK Edic R945	2.2	327.8	338.5	2123
2929 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.2	327.8	338.5	2123
2929 >E	Oakdale 345kV Voltage	Ph2 DC 1500	2.3	320	334.2	3210
2930	Buchanan South 345kV Voltage	Pre-Fault	17.4	NA	346	2930
2931 >E	Oakdale 345kV Voltage	SBK Edic R945	2.2	320	334.0	2123
2931 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.2	320	334.0	2123
2931 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	2.4	327.8	337.9	2062
2931 >E	New Scotland 345kV Voltage Alps	Marcy South S.	3.3	327.8	343.9	3453
2931 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	3.3	327.8	343.9	3453
2931	Fraser 345kV Voltage	Pre-Fault	4.8	NA	338	2931
2931 >E	Clay 345kV Voltage	SBK Edic R945	2.7	327.8	338.9	2124
2932 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	338.8	2123
2933 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.4	320	333.3	2062
2934 >E	Fraser 345kV Voltage	Ph2 DC 1500	2.5	327.8	337.6	3211
2934	Edic 345kV Voltage	Volney-Marcy	4.4	327.8	329.1	2872
2935	Marcy 345kV Voltage	Volney-Marcy	4.4	327.8	328.7	2873
2936 >E	Coopers Corners 345kV Voltage	Pre-Fault	6.4	NA	338	2936
2937 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	337.9	2063
2938 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	3.3	327.8	337.8	3212
2938 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	3.2	327.8	343.3	3212
2938 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	3.2	327.8	343.3	3212
2939 >E	Edic 345kV Voltage	SBK Princetown 345	4.6	327.8	328.1	2717
2939 >E	Edic 345kV Voltage	Ravenswood 3	4.6	327.8	328.1	3040

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2939 >E	Marcy 345kV Voltage	SBK Princetown 345	4.5	327.8	327.9	2717
2939 >E	Marcy 345kV Voltage	Ravenswood 3	4.6	327.8	327.9	3040
2940 >E	Marcy 345kV Voltage	SBK Marcy R3108	4.7	327.8	327.8	2815
2940 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	327.8	2899
2940 >E	Marcy 345kV Voltage	SBK Edic R70	4.7	327.8	327.8	2972
2940 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	2928
2940 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	327.8	2901
2940 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	333.7	2901
2940 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	327.8	327.8	2901
2940 >E	Edic 345kV Voltage	N.Scot-Leeds 345	4.8	327.8	327.8	2900
2940 >E	Edic 345kV Voltage	Princetown-N.Scot 345	4.8	327.8	327.8	2929
2942 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	3.7	327.8	338.9	3213
2944 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	5.4	218.5	227.8	3213
2949 >E	Station 80 345kV Voltage	Ph2 DC 1500	4.1	327.8	338.3	3214
2953 >E	Gilboa 345kV Voltage	Marcy South S.	3.4	327.8	344.3	3453
2955 >E	Edic 345kV Voltage	SBK Edic R70	4.9	327.8	324.8	2987
2961 >E	Clay 345kV Voltage	SBK Marcy R3108	5.9	327.8	334.0	2832
2963 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	329.9	2921
2963 >E	Gordon Rd 345kV Voltage	Ravenswood 3	5.7	327.8	329.9	3063
2964 >E	Clay 345kV Voltage	Marcy South S.	4.4	327.8	332.9	3453
2964 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	5.9	327.8	329.7	2952
2965 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	5.9	327.8	329.5	2836
2967 >E	Pannell Road 345kV Voltage	SBK Edic R945	4.5	327.8	338.2	2132
2968 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	4.6	327.8	338.1	2132
2970 >E	Station 80 345kV Voltage	Marcy South N.	14.6	327.8	345.2	3652
2970 >E	Coopers Corners 345kV Voltage	Ravenswood 3	5.3	327.8	332.6	3070
2972 >E	Oakdale 345kV Voltage	SBK Marcy R3108	4.5	320	325.2	2842
2972 >E	Ramapo 345kV Voltage	Pre-Fault	18.3	NA	346	2972
2973 >E	Fraser 345kV Voltage	Marcy South S.	4.2	327.8	327.8	3454
2974 >E	Leeds 345kV Voltage	Pre-Fault	8.1	NA	345	2974
2977 >E	Gilboa 345kV Voltage	Ph2 DC 1500	4.0	327.8	343.0	3220
2977 >E	Gordon Rd 345kV Voltage	Volney-Marcy	5.9	327.8	327.6	2911
2977 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	5.1	327.8	337.1	2067
2979 >E	Leeds 345kV Voltage	Marcy South S.	4.2	327.8	344.5	3454
2980 >E	Clay 345kV Voltage	Volney-Marcy	5.7	327.8	330.8	2914
2981 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	4.8	327.8	327.8	2969
2981 >E	Fraser 345kV Voltage	SBK Princetown 345	4.8	327.8	327.8	2751
2981 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	4.8	327.8	327.8	2939

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2981 >E	Fraser 345kV Voltage	Volney-Marcy	4.8	327.8	327.8	2915
2981 >E	Fraser 345kV Voltage	SBK Marcy R3108	4.8	327.8	327.8	2849
2981 >E	Fraser 345kV Voltage	SBK Edic R70	4.8	327.8	327.8	3014
2981 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	327.8	327.8	2940
2981 >E	Fraser 345kV Voltage	Ravenswood 3	4.8	327.8	327.8	3080
2981 >E	Gilboa 345kV Voltage	SBK Edic R945	3.6	327.8	340.3	2135
2981 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	340.2	2135
2982 >E	Oakdale 345kV Voltage	Volney-Marcy	4.5	320	323.0	2916
2984 >E	Gordon Rd 345kV Voltage	SBK Edic R70	6.1	327.8	326.3	3018
2985 >E	Oakdale 345kV Voltage	Marcy South S.	3.9	320	320.4	3454
2986 >E	Station 80 345kV Voltage	SBK Edic R945	5.4	327.8	337.8	2137
2987 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	339.4	2068
2987 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.6	327.8	337.7	2136
2987 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.1	218.5	224.7	2137
2988 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	5.9	327.8	329.9	2757
2988 >E	Oakdale 345kV Voltage	Ravenswood 3	4.5	320	321.8	3087
2989 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	8.3	218.5	224.6	2137
2989 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.5	320	321.5	2759
2990 >E	Gordon Rd 345kV Voltage	SBK Edic R945	4.2	327.8	322.7	2138
2991 >E	Ramapo 500kV Voltage	Ravenswood 3	28.2	500	505.7	3089
2991 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	322.6	2137
2992 >E	Clay 345kV Voltage	Ravenswood 3	5.7	327.8	328.7	3091
2993 >E	Clay 345kV Voltage	SBK Princetown 345	5.7	327.8	328.6	2761
2993 >E	Coopers Corners 345kV Voltage	SBK Edic R70	6.2	327.8	329.1	3026
2993 >E	Ladentown 345kV Voltage	Pre-Fault	17.8	NA	346	2993
2993 >E	Ramapo 500kV Voltage	SBK Edic R945	16.3	500	505.7	2139
2994 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	4.4	327.8	332.9	2139
2994 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	4.4	327.8	332.9	2139
2995 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	16.5	500	505.7	2138
2995 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	4.4	327.8	332.8	2138
2995 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	4.4	327.8	332.8	2138
2995 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	320	320.2	2955
2996 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	4.6	320	320.2	2953
2996 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	4.6	320	320.1	2984
2997 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	17.2	500	505.6	2069
2997 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	6.3	327.8	328.4	2954
2997 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	5.9	327.8	327.9	2956
2997 >E	Clay 345kV Voltage	N.Scot-Leeds 345	5.9	327.8	327.9	2954

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2997 >E	Clay 345kV Voltage	Princetown-N.Scot 345	5.9	327.8	327.8	2985
2998 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	336.7	2069
2999 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	6.3	327.8	328.1	2958
3000 >E	Oakdale 345kV Voltage	SBK Edic R70	4.7	320	319.3	3033
3000 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.9	2988
3002 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	4.7	327.8	331.6	2070
3002 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	4.7	327.8	331.6	2070
3003 >E	St.Lawrence 230kV Voltage	Pre-Fault	23.8	NA	225	3003
3004 >E	Coopers Corners 345kV Voltage	Volney-Marcy	6.4	327.8	327.3	2936
3006 >E	Clay 345kV Voltage	SBK Edic R70	6.1	327.8	326.5	3039
3009 >E	Roseton 345kV Voltage	Pre-Fault	15.4	NA	345	3009
3010 >E	Leeds 345kV Voltage	Ph2 DC 1500	4.7	327.8	344.5	3226
3013 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	5.9	327.8	331.1	2969
3013 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	5.9	327.8	331.1	2969
3015 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	10.6	218.5	223.0	2071
3016 >E	Rock Tavern 345kV Voltage	SBK Edic R945	5.9	327.8	339.7	2144
3016 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	339.6	2143
3017 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	6.7	327.8	325.3	2879
3018 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	8.1	327.8	334.2	3228
3019 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	8.2	327.8	334.4	3228
3019 >E	Somerset 345kV Voltage	Ph2 DC 1500	5.7	327.8	339.2	3228
3021 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	6.1	327.8	329.7	3119
3021 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	6.1	327.8	329.7	3119
3022 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	339.1	2072
3023 >E	Pannell Road 345kV Voltage	Marcy South S.	7.4	327.8	331.8	3455
3028 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	8.4	327.8	336.9	3230
3029 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	6.5	327.8	339.8	3230
3031 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	8.9	327.8	331.2	2890
3032 >E	Millwood 345kV Voltage	Ph2 DC 1500	7.9	327.8	336.5	3230
3033 >E	Pleasant Valley 345kV Voltage	Marcy South S.	7.8	327.8	338.6	3455
3034 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	6.3	327.8	327.8	3021
3034 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	6.3	327.8	327.8	3021
3034 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	6.4	327.8	327.7	3068
3034 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	6.4	327.8	327.7	3068
3034 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	6.3	327.8	327.7	2964
3034 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	6.3	327.8	327.7	2964
3035 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	6.3	327.8	327.6	2993
3035 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	6.3	327.8	327.6	2993

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3035 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	6.4	327.8	327.5	2894
3035 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	6.4	327.8	327.5	2894
3036 >E	St.Lawrence 230kV Voltage	Marcy South N.	21.9	218.5	228.2	3657
3036 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	7.1	327.8	340.2	3231
3036 >E	Dunwoodie 345kV Voltage	Ravenswood 3	14.9	327.8	336.3	3133
3037 >E	Sprain Brook 345kV Voltage	Ravenswood 3	14.8	327.8	336.3	3134
3039 >E	Bowline 1 345kV Voltage	Pre-Fault	17.7	NA	345	3039
3044 >E	Pannell Road 345kV Voltage	Volney-Marcy	8.6	327.8	329.7	2973
3045 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	8.0	327.8	337.7	3233
3047 >E	Bowline 2 345kV Voltage	Pre-Fault	17.6	NA	345	3047
3050 >E	Pannell Road 345kV Voltage	Ravenswood 3	8.6	327.8	329.0	3146
3053 >E	Station 80 345kV Voltage	Marcy South S.	8.9	327.8	331.3	3455
3055 >E	Pannell Road 345kV Voltage	SBK Princetown 345	8.7	327.8	328.5	2813
3056 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	6.3	327.8	324.3	2814
3056 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	6.3	327.8	324.3	2814
3056 >E	St.Lawrence 230kV Voltage	Marcy South S.	13.9	218.5	220.7	3455
3060 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	8.9	327.8	327.9	3018
3060 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	8.9	327.8	327.8	3015
3061 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	8.9	327.8	327.8	3048
3067 >E	Station 80 345kV Voltage	SBK Marcy R3108	10.7	327.8	330.4	2920
3067 >E	Buchanan North 345kV Voltage	Ravenswood 3	13.7	327.8	336.3	3163
3067 >E	Pannell Road 345kV Voltage	SBK Edic R70	9.1	327.8	327.1	3102
3068 >E	Millwood 345kV Voltage	Ravenswood 3	13.5	327.8	336.3	3164
3069 >E	Rock Tavern 345kV Voltage	Ravenswood 3	9.0	327.8	336.0	3164
3072 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	7.5	327.8	329.1	3026
3073 >E	Ramapo 345kV Voltage	Ph2 DC 1500	8.7	327.8	339.8	3238
3074 >E	Gilboa 345kV Voltage	Ravenswood 3	7.5	327.8	328.7	3170
3075 >E	Buchanan North 345kV Voltage	SBK Edic R945	10.5	327.8	335.1	2158
3076 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	10.5	327.8	335.0	2157
3077 >E	Ladentown 345kV Voltage	Ph2 DC 1500	8.4	327.8	340.2	3239
3078 >E	Station 80 345kV Voltage	Volney-Marcy	10.3	327.8	329.3	3003
3079 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	17.7	218.5	221.8	2930
3080 >E	Station 80 345kV Voltage	Ravenswood 3	10.2	327.8	329.2	3175
3080 >E	Gilboa 345kV Voltage	SBK Marcy R3108	7.6	327.8	328.0	2931
3081 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	7.6	327.8	327.8	3038
3081 >E	Gilboa 345kV Voltage	Volney-Marcy	7.6	327.8	327.8	3007
3081 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	7.6	327.8	327.8	3069
3083 >E	Gilboa 345kV Voltage	SBK Edic R70	7.7	327.8	327.6	3118
3083 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	10.9	327.8	334.6	2079

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\0L_CAPS\Sum2023_CEVC_PH2_30_0L_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3084 >E	Gilboa 345kV Voltage	SBK Princetown 345	7.6	327.8	327.5	2837
3086 >E	Roseton 345kV Voltage	Ph2 DC 1500	8.2	327.8	341.3	3241
3088 >E	Station 80 345kV Voltage	SBK Princetown 345	10.4	327.8	328.4	2841
3091 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	8.4	327.8	341.0	3242
3093 >E	Buchanan South 345kV Voltage	Ravenswood 3	13.4	327.8	336.7	3188
3094 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	10.7	327.8	327.8	3051
3094 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	10.7	327.8	327.8	3048
3094 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	10.7	327.8	327.8	3081
3094 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	8.4	327.8	341.2	3243
3098 >E	Ramapo 500kV Voltage	Marcy South S.	27.6	500	503.4	3456
3098 >E	Niagara 345kV Voltage	Ph2 DC 1500	7.2	327.8	337.7	3243
3100 >E	Station 80 345kV Voltage	SBK Edic R70	10.8	327.8	327.2	3135
3100 >E	Ramapo 345kV Voltage	SBK Edic R945	9.6	327.8	338.0	2164
3102 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	9.6	327.8	338.0	2163
3103 >E	Sprain Brook 345kV Voltage	SBK Edic R945	12.9	327.8	332.1	2165
3104 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	13.0	327.8	332.0	2163
3104 >E	Dunwoodie 345kV Voltage	SBK Edic R945	13.0	327.8	332.0	2165
3105 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	13.1	327.8	331.9	2163
3107 >E	Millwood 345kV Voltage	SBK Edic R945	11.3	327.8	333.1	2166
3108 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	11.3	327.8	333.1	2164
3110 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	10.0	327.8	337.4	2082
3111 >E	Buchanan South 345kV Voltage	SBK Edic R945	10.8	327.8	334.7	2167
3112 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	13.3	327.8	331.5	2082
3112 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	10.8	327.8	334.6	2165
3113 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	8.1	327.8	327.8	3066
3113 >E	Leeds 345kV Voltage	Volney-Marcy	8.1	327.8	327.8	3036
3113 >E	Leeds 345kV Voltage	SBK Marcy R3108	8.1	327.8	327.8	2958
3113 >E	Leeds 345kV Voltage	SBK Edic R70	8.1	327.8	327.8	3149
3113 >E	Leeds 345kV Voltage	SBK Princetown 345	8.1	327.8	327.8	2862
3113 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	8.1	327.8	327.8	3100
3113 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	8.1	327.8	327.8	3069
3113 >E	Leeds 345kV Voltage	Ravenswood 3	8.1	327.8	327.8	3207
3113 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	13.5	327.8	331.4	2082
3116 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	11.7	327.8	332.5	2083
3117 >E	Dunwoodie 345kV Voltage	Marcy South S.	14.2	327.8	331.3	3456
3118 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	11.7	327.8	332.9	3211
3118 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	8.3	327.8	327.8	2083
3118 >E	Leeds 345kV Voltage	SBK Edic R945	8.3	327.8	327.8	2169
3118 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	8.3	327.8	327.8	2166

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3118 >E	Sprain Brook 345kV Voltage	Marcy South S.	14.1	327.8	331.2	3456
3121 >E	St.Lawrence 230kV Voltage	Volney-Marcy	21.0	218.5	220.0	3042
3121 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	11.2	327.8	334.1	2083
3121 >E	Millwood 345kV Voltage	Marcy South S.	12.4	327.8	332.2	3457
3122 >E	Ladentown 345kV Voltage	SBK Edic R945	9.9	327.8	338.0	2170
3124 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	10.0	327.8	337.9	2168
3125 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	10.1	327.8	331.0	2170
3126 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	10.1	327.8	331.0	2168
3127 >E	Watercure 230kV Voltage	Ph2 DC 1500	10.6	207	232.2	3249
3131 >E	Roseton 345kV Voltage	SBK Edic R945	9.6	327.8	335.4	2172
3132 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	9.6	327.8	335.3	2170
3133 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	10.3	327.8	337.3	2085
3134 >E	St.Lawrence 230kV Voltage	Ravenswood 3	22.2	218.5	219.5	3227
3135 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	330.2	2085
3139 >E	Bowline 1 345kV Voltage	SBK Edic R945	9.9	327.8	338.7	2174
3139 >E	Ramapo 345kV Voltage	Ravenswood 3	13.3	327.8	336.8	3232
3141 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	10.0	327.8	338.6	2172
3141 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	9.9	327.8	334.7	2085
3143 >E	Bowline 2 345kV Voltage	SBK Edic R945	9.9	327.8	338.9	2175
3145 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	10.0	327.8	338.8	2173
3146 >E	Leeds 345kV Voltage	Marcy South N.	13.9	327.8	348.5	3666
3147 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	11.3	327.8	329.8	2890
3147 >E	Ladentown 345kV Voltage	Ravenswood 3	13.2	327.8	337.3	3240
3151 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	338.0	2086
3151 >E	Roseton 345kV Voltage	Marcy South S.	10.5	327.8	334.0	3457
3154 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	23.2	218.5	218.6	2896
3155 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	338.2	2087
3156 >E	Rock Tavern 345kV Voltage	SBK Edic R70	11.9	327.8	329.0	3193
3158 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	23.8	218.5	218.5	3144
3158 >E	Somerset 345kV Voltage	SBK Edic R945	10.6	327.8	341.4	2178
3158 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	23.8	218.5	218.4	3114
3159 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	23.8	218.5	218.4	3110
3163 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	10.8	327.8	341.1	2177
3163 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	12.1	327.8	328.4	3114
3168 >E	Bowline 1 345kV Voltage	Ravenswood 3	13.1	327.8	337.8	3259
3168 >E	Watercure 230kV Voltage	SBK Edic R945	11.7	207	230.0	2181
3169 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	12.4	327.8	327.9	3124
3170 >E	St.Lawrence 230kV Voltage	SBK Edic R70	25.1	218.5	217.9	3207
3170 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	12.4	327.8	327.8	3157

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3171 >E	Buchanan South 345kV Voltage	Marcy South S.	13.2	327.8	331.0	3457
3173 >E	Bowline 2 345kV Voltage	Ravenswood 3	13.1	327.8	337.9	3264
3175 >E	Gilboa 345kV Voltage	Marcy South N.	15.6	327.8	342.0	3668
3175 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	12.9	327.8	328.5	3126
3175 >E	Roseton 345kV Voltage	Ravenswood 3	12.7	327.8	334.2	3267
3175 >E	Rock Tavern 345kV Voltage	Volney-Marcy	12.4	327.8	327.5	3093
3176 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	12.1	207	229.9	2180
3178 >E	Fraser 345kV Voltage	Marcy South N.	16.1	327.8	327.8	3668
3181 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	13.1	327.8	328.0	3218
3182 >E	Niagara 230kV East Voltage	Ph2 DC 1500	19.8	218.5	226.1	3260
3182 >E	Niagara 230kV West Voltage	Ph2 DC 1500	19.8	218.5	226.1	3260
3185 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	13.2	327.8	327.8	3171
3185 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	13.2	327.8	327.7	3140
3188 >E	Ramapo 500kV Voltage	SBK Princetown 345	37.9	500	501.2	2924
3189 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	13.2	327.8	327.5	3105
3190 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	13.0	327.8	327.4	2926
3190 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	12.9	327.8	326.3	3022
3193 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	12.0	327.8	339.7	2091
3194 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	19.1	327.8	328.2	3144
3194 >E	Dunwoodie 345kV Voltage	SBK Edic R70	19.1	327.8	328.2	3231
3195 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	19.0	327.8	328.2	3144
3195 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	13.4	327.8	327.0	3025
3195 >E	Sprain Brook 345kV Voltage	SBK Edic R70	18.9	327.8	328.2	3232
3198 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	18.8	327.8	327.9	2933
3198 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	18.7	327.8	328.0	2933
3199 >E	Buchanan North 345kV Voltage	Marcy South S.	15.2	327.8	327.7	3458
3201 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	19.4	327.8	327.8	3188
3202 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	19.3	327.8	327.8	3188
3202 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	19.4	327.8	327.8	3156
3202 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	19.3	327.8	327.8	3156
3207 >E	Dunwoodie 345kV Voltage	Volney-Marcy	19.5	327.8	327.5	3121
3207 >E	Sprain Brook 345kV Voltage	Volney-Marcy	19.4	327.8	327.5	3122
3208 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	17.0	327.8	328.3	3157
3208 >E	Millwood 345kV Voltage	SBK Edic R70	17.0	327.8	328.2	3246
3209 >E	Buchanan North 345kV Voltage	SBK Princetown 345	17.5	327.8	328.6	2942
3210 >E	Watercure 230kV Voltage	Marcy South N.	24.3	207	231.4	3671
3212 >E	Millwood 345kV Voltage	SBK Princetown 345	16.7	327.8	328.0	2944
3213 >E	Buchanan North 345kV Voltage	SBK Edic R70	18.0	327.8	328.4	3250

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3215 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	18.1	327.8	328.3	3164
3216 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	17.3	327.8	327.8	3202
3216 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	17.3	327.8	327.8	3170
3216 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	19.9	327.8	327.0	3043
3217 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	19.8	327.8	327.0	3044
3217 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	13.9	207	229.4	2094
3219 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	41.9	500	500.5	3168
3222 >E	Millwood 345kV Voltage	Volney-Marcy	17.4	327.8	327.5	3135
3223 >E	Ramapo 500kV Voltage	SBK Edic R70	41.6	500	500.4	3260
3223 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	18.4	327.8	327.8	3176
3223 >E	Ramapo 500kV Voltage	Volney-Marcy	42.1	500	500.4	3136
3224 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	18.5	327.8	327.8	3210
3227 >E	Ramapo 500kV Voltage	SBK Marcy R3108	42.7	500	500.3	3052
3228 >E	Buchanan North 345kV Voltage	Volney-Marcy	18.5	327.8	327.6	3141
3231 >E	Millwood 345kV Voltage	SBK Marcy R3108	17.8	327.8	326.9	3056
3232 >E	Somerset 345kV Voltage	Pre-Fault	21.6	NA	338	3232
3233 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	43.1	500	500.1	3186
3237 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	43.4	500	500.0	3223
3238 >E	Buchanan South 345kV Voltage	SBK Princetown 345	16.7	327.8	328.4	2966
3238 >E	Buchanan South 345kV Voltage	SBK Edic R70	17.0	327.8	328.3	3276
3238 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	17.1	327.8	328.3	3187
3239 >E	Ramapo 500kV Voltage	Pre-Fault	43.6	NA	500	3239
3240 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	19.0	327.8	326.9	3063
3247 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	17.4	327.8	327.8	3200
3247 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	17.4	327.8	327.8	3233
3248 >E	Ramapo 500kV Voltage	Marcy South N.	56.6	500	503.8	3674
3253 >E	Buchanan South 345kV Voltage	Volney-Marcy	17.5	327.8	327.5	3163
3263 >E	Roseton 345kV Voltage	SBK Princetown 345	14.8	327.8	328.5	2987
3264 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	17.9	327.8	326.9	3083
3265 >E	Roseton 345kV Voltage	SBK Edic R70	15.1	327.8	328.4	3303
3267 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	15.1	327.8	328.3	3214
3274 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	15.4	327.8	327.8	3226
3274 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	15.4	327.8	327.8	3260
3279 >E	Roseton 345kV Voltage	Volney-Marcy	15.5	327.8	327.5	3187
3279 >E	Ramapo 345kV Voltage	SBK Princetown 345	17.1	327.8	329.2	3001
3289 >E	Roseton 345kV Voltage	SBK Marcy R3108	15.8	327.8	326.8	3103

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3289 >E	Ramapo 345kV Voltage	SBK Edic R70	17.7	327.8	328.7	3328
3294 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	17.9	327.8	328.4	3240
3295 >E	Ladentown 345kV Voltage	SBK Princetown 345	16.8	327.8	329.0	3014
3300 >E	Ladentown 345kV Voltage	Marcy South S.	15.5	327.8	327.3	3460
3300 >E	Rock Tavern 345kV Voltage	Marcy South S.	13.9	327.8	314.8	3460
3303 >E	Ladentown 345kV Voltage	SBK Edic R70	17.3	327.8	328.6	3342
3303 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	18.2	327.8	327.9	3255
3304 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	18.3	327.8	327.8	3290
3306 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	17.4	327.8	328.4	3252
3310 >E	Ramapo 345kV Voltage	Volney-Marcy	18.3	327.8	327.5	3215
3316 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	17.7	327.8	327.9	3267
3317 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	17.8	327.8	327.8	3302
3318 >E	Ramapo 345kV Voltage	Marcy South S.	16.5	327.8	325.0	3460
3321 >E	Bowline 1 345kV Voltage	SBK Princetown 345	16.7	327.8	329.1	3035
3322 >E	Ladentown 345kV Voltage	Volney-Marcy	17.9	327.8	327.5	3226
3325 >E	Ramapo 345kV Voltage	SBK Marcy R3108	18.9	327.8	326.7	3133
3326 >E	Bowline 2 345kV Voltage	SBK Princetown 345	16.6	327.8	329.2	3040
3329 >E	Bowline 1 345kV Voltage	SBK Edic R70	17.2	327.8	328.7	3369
3331 >E	Bowline 1 345kV Voltage	Marcy South S.	15.7	327.8	327.3	3461
3333 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	17.4	327.8	328.5	3278
3335 >E	Bowline 2 345kV Voltage	SBK Edic R70	17.1	327.8	328.7	3374
3337 >E	Bowline 2 345kV Voltage	Marcy South S.	15.6	327.8	327.4	3461
3337 >E	Ladentown 345kV Voltage	SBK Marcy R3108	18.3	327.8	326.7	3143
3339 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	17.3	327.8	328.5	3283
3343 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	17.7	327.8	327.9	3293
3344 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	17.7	327.8	327.8	3329
3349 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	17.6	327.8	327.9	3299
3350 >E	Bowline 1 345kV Voltage	Volney-Marcy	17.8	327.8	327.5	3252
3350 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	17.6	327.8	327.8	3335
3355 >E	Bowline 2 345kV Voltage	Volney-Marcy	17.7	327.8	327.5	3257
3361 >E	Somerset 345kV Voltage	Marcy South S.	18.4	327.8	331.9	3461
3365 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	18.3	327.8	326.6	3166
3371 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	18.2	327.8	326.6	3171
3377 >E	Pleasant Valley 345kV Voltage	Marcy South N.	27.4	327.8	342.1	3684
3401 >E	Somerset 345kV Voltage	Marcy South N.	28.1	327.8	349.5	3686
3402 >E	Somerset 345kV Voltage	Ravenswood 3	20.1	327.8	330.1	3484
3412 >E	Coopers Corners 345kV Voltage	Marcy South S.	13.3	327.8	253.6	3462

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\0L_CAPS\Sum2023_CEVC_Ph2_30_0L_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
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3424 >E	Somerset 345kV Voltage	Volney-Marcy	20.8	327.8	329.1	3320
3428 >E	Somerset 345kV Voltage	SBK Marcy R3108	21.5	327.8	328.9	3218
3437 >E	Somerset 345kV Voltage	SBK Princetown 345	21.0	327.8	328.5	3132
3452 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	21.6	327.8	327.8	3399
3452 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	21.6	327.8	327.8	3392
3452 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	21.6	327.8	327.8	3436
3458 >E	Somerset 345kV Voltage	SBK Edic R70	21.8	327.8	327.5	3500
3573 >E	Niagara 345kV Voltage	SBK Edic R945	22.1	327.8	345.9	2279
3581 >E	Gardenville 230kV Voltage	Ph2 DC 1500	25.3	207	227.7	3338
3587 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	22.6	327.8	345.6	2275
3619 >E	Niagara 230kV East Voltage	SBK Edic R945	48.9	218.5	229.0	2290
3619 >E	Niagara 230kV West Voltage	SBK Edic R945	48.9	218.5	229.0	2290
3622 >E	Coopers Corners 345kV Voltage	Marcy South N.	26.9	327.8	312.2	3703
3627 >E	Rainey 345kV Voltage	Ph2 DC 1500	28.1	327.8	339.5	3347
3636 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	50.1	218.5	228.9	2286
3636 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	50.1	218.5	228.9	2286
3643 >E	Farragut 345kV Voltage	Ph2 DC 1500	29.3	327.8	339.4	3350
3668 >E	Rainey 345kV Voltage	Ravenswood 3	38.4	327.8	343.0	3740
3670 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	25.3	327.8	344.0	2144
3716 >E	Farragut 345kV Voltage	Ravenswood 3	40.5	327.8	342.3	3786
3735 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	56.8	218.5	228.2	2152
3735 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	56.8	218.5	228.2	2152
3743 >E	Dunwoodie 345kV Voltage	Marcy South N.	55.2	327.8	335.4	3713
3747 >E	Millwood 345kV Voltage	Marcy South N.	48.0	327.8	337.1	3713
3751 >E	Sprain Brook 345kV Voltage	Marcy South N.	55.3	327.8	335.5	3714
3773 >E	Roseton 345kV Voltage	Marcy South N.	37.5	327.8	340.4	3716
3889 >E	Goethals 345kV Voltage	Ph2 DC 1500	39.3	327.8	339.4	3398
3909 >E	Buchanan South 345kV Voltage	Marcy South N.	50.8	327.8	336.8	3726
3912 >E	Buchanan North 345kV Voltage	Marcy South N.	55.4	327.8	334.6	3727
3938 >E	Rainey 345kV Voltage	SBK Edic R945	39.4	327.8	334.4	2367
3943 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	39.6	327.8	334.3	2356
3948 >E	Farragut 345kV Voltage	SBK Edic R945	40.6	327.8	334.2	2369
3953 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	40.8	327.8	334.2	2359
3963 >E	Niagara 345kV Voltage	Pre-Fault	50.9	NA	338	3963
3965 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	40.4	327.8	333.9	2177
3975 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	41.6	327.8	333.8	2178
4010 >E	Rock Tavern 345kV Voltage	Marcy South N.	43.6	327.8	329.6	3734
4015 >E	Rainey 345kV Voltage	Pre-Fault	69.7	NA	338	4015
4030 >E	Farragut 345kV Voltage	Pre-Fault	73.0	NA	338	4030
4032 >E	Rainey 345kV Voltage	Marcy South S.	43.2	327.8	332.6	3474

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4044 >E	Farragut 345kV Voltage	Marcy South S.	44.5	327.8	332.5	3475
4073 >E	Goethals 345kV Voltage	Ravenswood 3	54.8	327.8	341.5	4129
4204 >E	Niagara 230kV East Voltage	Pre-Fault	154.0	NA	225	4204
4204 >E	Niagara 230kV West Voltage	Pre-Fault	154.0	NA	225	4204
4229 >E	Niagara 345kV Voltage	Marcy South S.	43.1	327.8	333.3	3478
4285 >E	Niagara 345kV Voltage	Ravenswood 3	45.2	327.8	331.7	4333
4299 >E	Ramapo 345kV Voltage	Marcy South N.	59.6	327.8	334.6	3757
4314 >E	Goethals 345kV Voltage	SBK Edic R945	55.4	327.8	334.0	2458
4321 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	55.6	327.8	333.9	2443
4333 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	56.0	327.8	333.7	2218
4349 >E	Ladentown 345kV Voltage	Marcy South N.	59.4	327.8	335.2	3761
4389 >E	Niagara 345kV Voltage	Volney-Marcy	48.1	327.8	329.6	4202
4417 >E	Niagara 345kV Voltage	SBK Marcy R3108	49.4	327.8	329.1	4033
4427 >E	Niagara 345kV Voltage	SBK Princetown 345	49.2	327.8	328.9	3959
4429 >E	Goethals 345kV Voltage	Pre-Fault	100.3	NA	338	4429
4457 >E	Goethals 345kV Voltage	Marcy South S.	61.1	327.8	332.0	3483
4463 >E	Niagara 345kV Voltage	Marcy South N.	59.0	327.8	354.4	3770
4477 >E	Bowline 1 345kV Voltage	Marcy South N.	60.6	327.8	335.3	3771
4482 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	50.9	327.8	327.8	4402
4482 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	50.9	327.8	327.8	4385
4484 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	51.0	327.8	327.8	4460
4490 >E	Niagara 345kV Voltage	SBK Edic R70	51.2	327.8	327.6	4551
4542 >E	Gardenville 230kV Voltage	SBK Edic R945	61.1	207	236.1	2513
4614 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	63.8	207	236.1	2511
4627 >E	Bowline 2 345kV Voltage	Marcy South N.	65.0	327.8	334.0	3783
4642 >E	Rainey 345kV Voltage	SBK Princetown 345	66.2	327.8	329.0	4138
4681 >E	Niagara 230kV East Voltage	Marcy South S.	119.9	218.5	222.3	3487
4681 >E	Niagara 230kV West Voltage	Marcy South S.	119.9	218.5	222.3	3487
4684 >E	Farragut 345kV Voltage	SBK Princetown 345	69.2	327.8	329.0	4173
4691 >E	Rainey 345kV Voltage	SBK Edic R70	68.4	327.8	328.3	4755
4692 >E	Niagara 230kV East Voltage	Ravenswood 3	121.2	218.5	221.8	4724
4692 >E	Niagara 230kV West Voltage	Ravenswood 3	121.2	218.5	221.8	4724
4693 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	68.5	327.8	328.3	4588
4722 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	69.5	327.8	327.9	4636
4722 >E	Rainey 345kV Voltage	Volney-Marcy	69.4	327.8	327.9	4505
4725 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	69.7	327.8	327.8	4699
4738 >E	Farragut 345kV Voltage	SBK Edic R70	71.6	327.8	328.3	4803
4741 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	71.8	327.8	328.3	4634
4743 >E	Niagara 230kV East Voltage	Marcy South N.	135.9	218.5	233.8	3793

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4743 >E	Niagara 230kV West Voltage	Marcy South N.	135.9	218.5	233.8	3793
4752 >E	Rainey 345kV Voltage	SBK Marcy R3108	70.4	327.8	327.4	4310
4767 >E	Farragut 345kV Voltage	Volney-Marcy	72.5	327.8	327.9	4547
4770 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	72.8	327.8	327.9	4682
4772 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	72.9	327.8	327.8	4746
4797 >E	Farragut 345kV Voltage	SBK Marcy R3108	73.5	327.8	327.5	4347
4914 >E	Niagara 230kV East Voltage	SBK Marcy R3108	135.8	218.5	220.4	4444
4914 >E	Niagara 230kV West Voltage	SBK Marcy R3108	135.8	218.5	220.4	4444
4945 >E	Niagara 230kV East Voltage	Volney-Marcy	137.0	218.5	220.2	4709
4945 >E	Niagara 230kV West Voltage	Volney-Marcy	137.0	218.5	220.2	4709
5011 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	78.4	207	236.5	2294
5052 >E	Niagara 230kV East Voltage	SBK Princetown 345	144.0	218.5	219.5	4480
5052 >E	Niagara 230kV West Voltage	SBK Princetown 345	144.0	218.5	219.5	4480
5197 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	153.5	218.5	218.5	5098
5197 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	153.5	218.5	218.5	5098
5197 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	153.5	218.5	218.5	5073
5197 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	153.5	218.5	218.5	5073
5197 >E	Niagara 230kV East Voltage	SBK Edic R70	153.7	218.5	218.5	5270
5197 >E	Niagara 230kV West Voltage	SBK Edic R70	153.7	218.5	218.5	5270
5206 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	154.1	218.5	218.5	5176
5206 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	154.1	218.5	218.5	5176
5283 >E	Goethals 345kV Voltage	SBK Princetown 345	93.3	327.8	329.5	4672
5407 >E	Goethals 345kV Voltage	Volney-Marcy	98.3	327.8	328.2	5131
5413 >E	Goethals 345kV Voltage	SBK Edic R70	98.8	327.8	328.2	5490
5417 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	99.0	327.8	328.1	5285
5419 >E	Goethals 345kV Voltage	SBK Marcy R3108	98.6	327.8	328.1	4861
5442 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	99.8	327.8	327.9	5337
5448 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	100.1	327.8	327.8	5417
7068 >E	Northport 138kV Voltage	Pre-Fault	469.7	NA	135	7068
7156 >E	Northport 138kV Voltage	SBK Edic R945	332.9	131.1	134.1	3145
7174 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	334.3	131.1	134.0	3101
7292 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	343.3	131.1	133.7	2548
7358 >E	Watercure 230kV Voltage	Marcy South S.	169.9	207	186.9	3540
7366 >E	Northport 138kV Voltage	Marcy South S.	350.1	131.1	133.6	3540
7424 >E	Northport 138kV Voltage	Ravenswood 3	362.2	131.1	134.2	7349
7476 >E	Rainey 345kV Voltage	Marcy South N.	175.0	327.8	340.4	4010
7547 >E	Farragut 345kV Voltage	Marcy South N.	181.3	327.8	340.2	4015

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
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8742 >E	Northport 138kV Voltage	SBK Princetown 345	456.9	131.1	131.4	7559
8793 >E	Northport 138kV Voltage	SBK Edic R70	461.4	131.1	131.3	8932
8806 >E	Northport 138kV Voltage	N.Scot-Leeds 345	462.5	131.1	131.3	8549
8896 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	469.4	131.1	131.1	8700
8900 >E	Northport 138kV Voltage	Princetown-N.Scot 345	469.7	131.1	131.1	8841
8937 >E	Northport 138kV Voltage	Volney-Marcy	472.3	131.1	131.0	8356
9042 >E	Northport 138kV Voltage	SBK Marcy R3108	480.2	131.1	130.8	7849
9182 >E	Goethals 345kV Voltage	Marcy South N.	247.0	327.8	340.4	4145
10414 >E	Gardenville 230kV Voltage	Marcy South N.	305.6	207	281.8	4243
15294 >E	Gardenville 230kV Voltage	Ravenswood 3	449.0	207	231.7	14911
21499 >E	Northport 138kV Voltage	Marcy South N.	1467.4	131.1	136.5	5123
24563 >E	Gardenville 230kV Voltage	Marcy South S.	798.5	207	252.7	3877
28597 >E	Gardenville 230kV Voltage	Volney-Marcy	932.2	207	228.4	26314
29897 >E	Watercure 230kV Voltage	Ravenswood 3	1099.2	207	332.2	28941
34598 >E	Gardenville 230kV Voltage	SBK Marcy R3108	1158.5	207	227.0	28932
35956 >E	Gardenville 230kV Voltage	SBK Princetown 345	1197.7	207	226.6	30269
75423 >E	Gardenville 230kV Voltage	Pre-Fault	4090.2	NA	217	75423
91986 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	3215.3	207	213.0	88657
92951 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	3250.0	207	212.7	90537
99998 >E	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

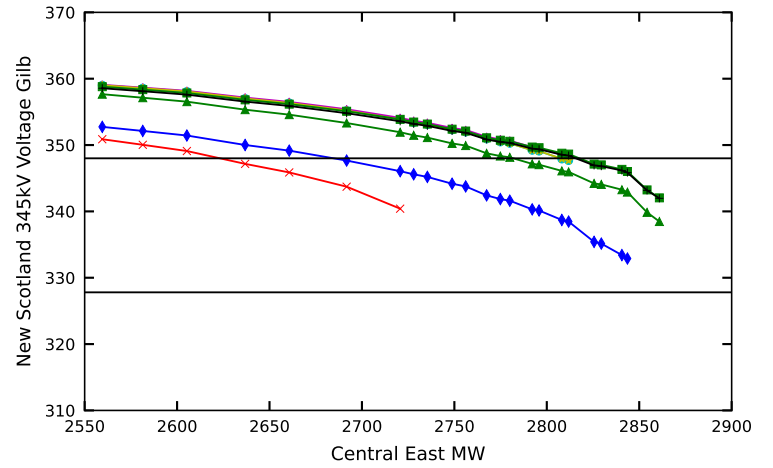
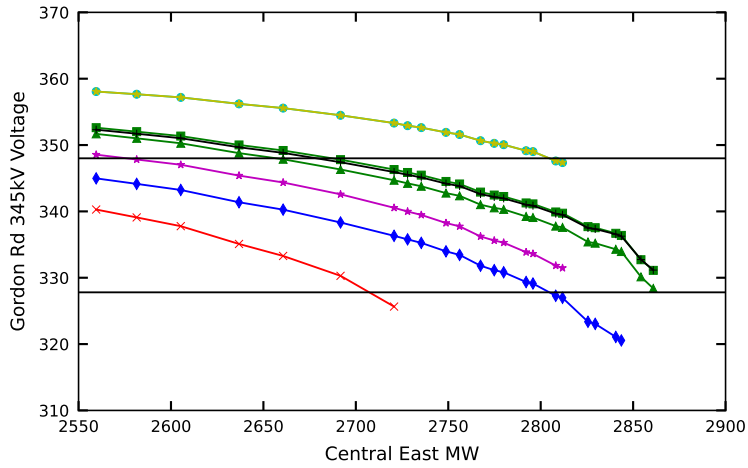
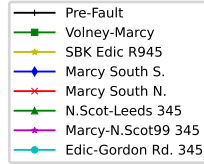
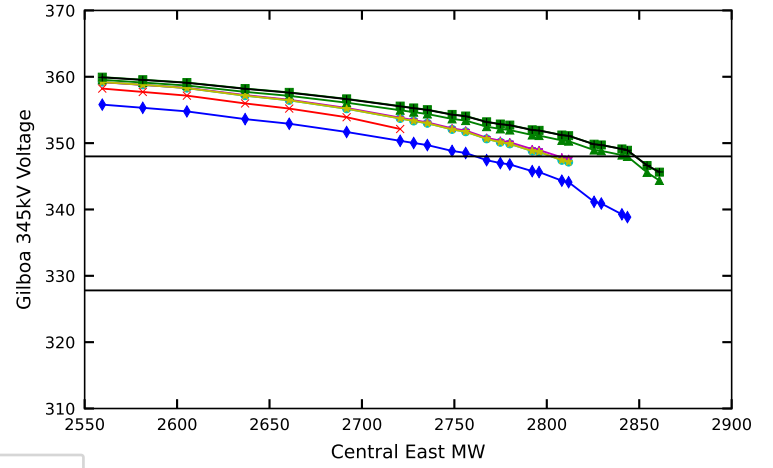
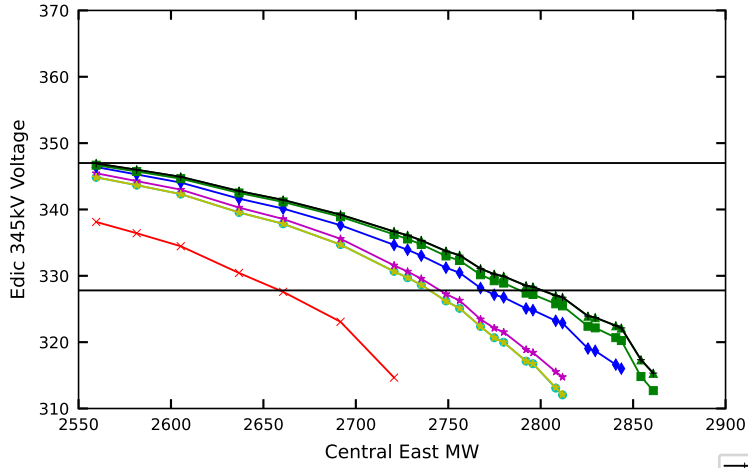
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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0L CAPS

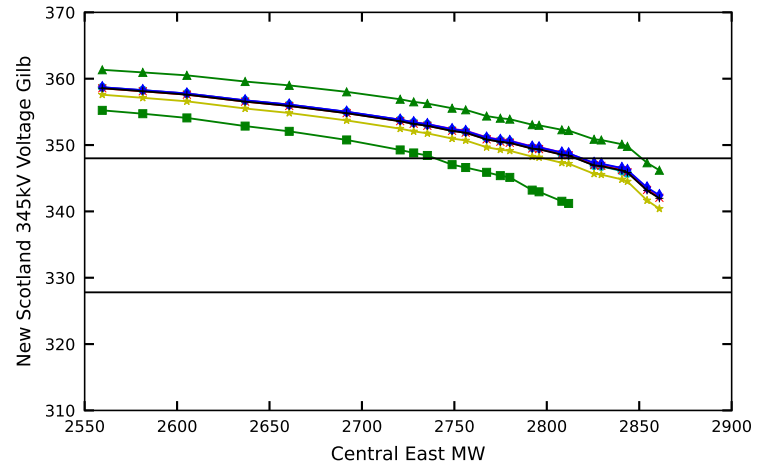
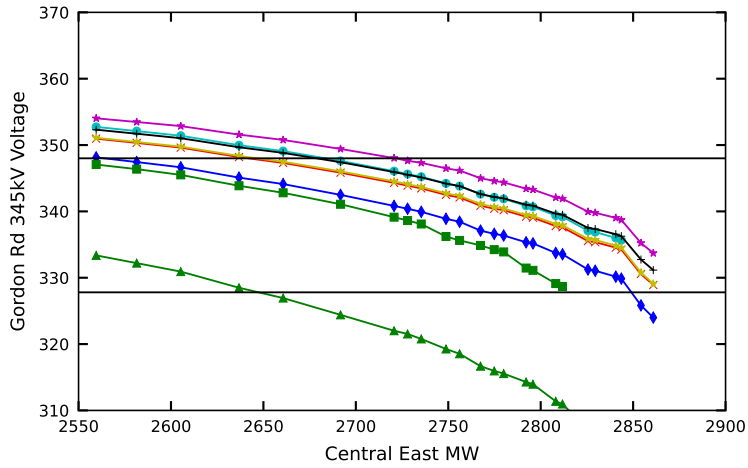
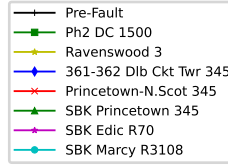
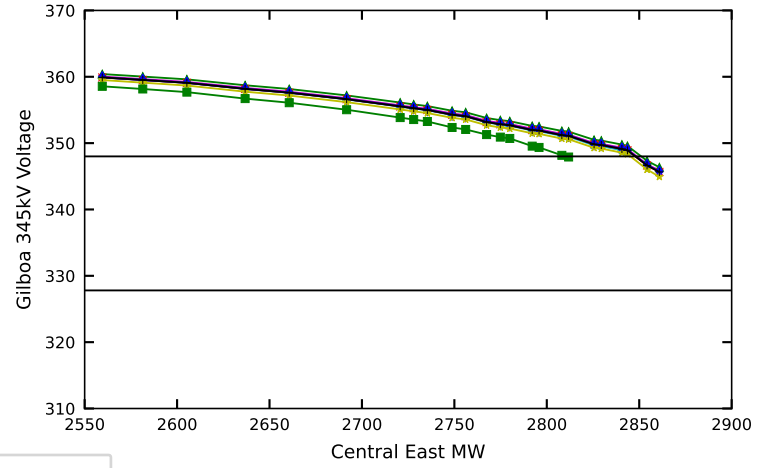
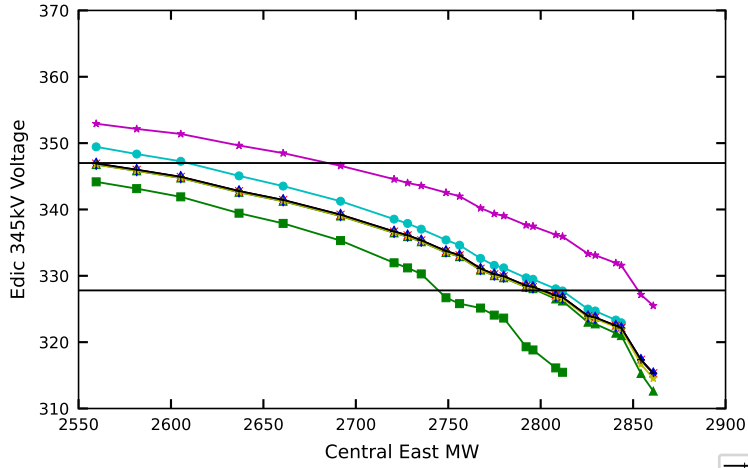
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99999 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99999
99999 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

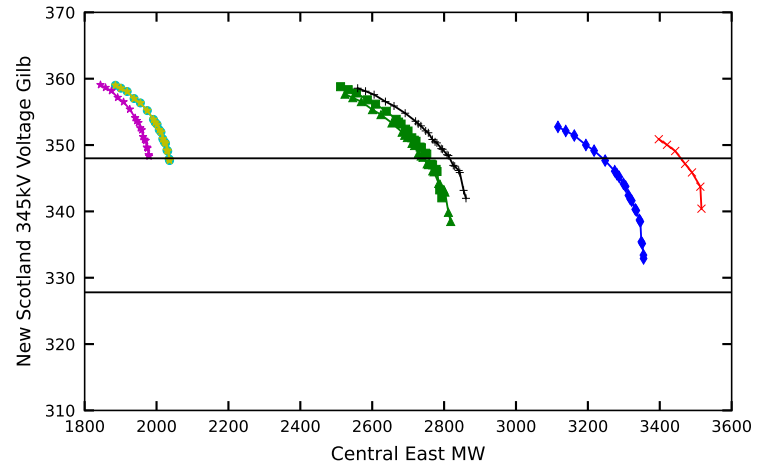
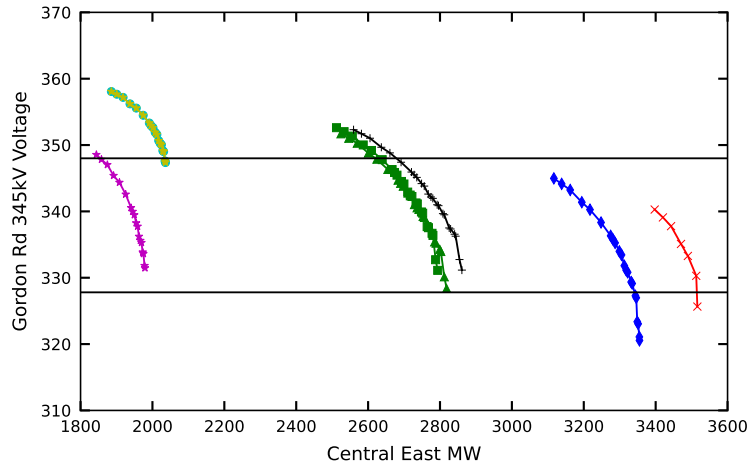
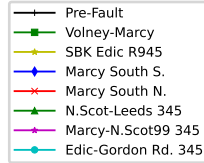
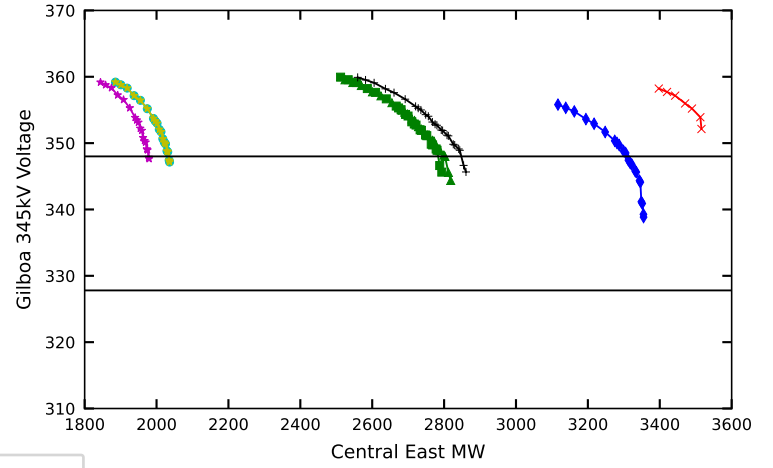
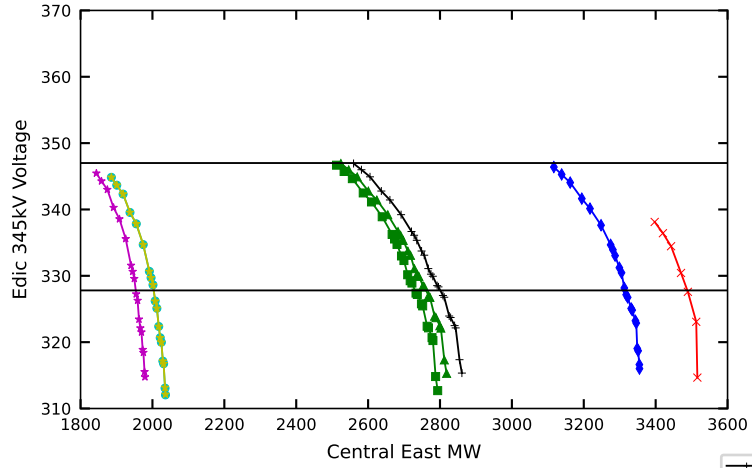
1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 0M CAPS Figure 1



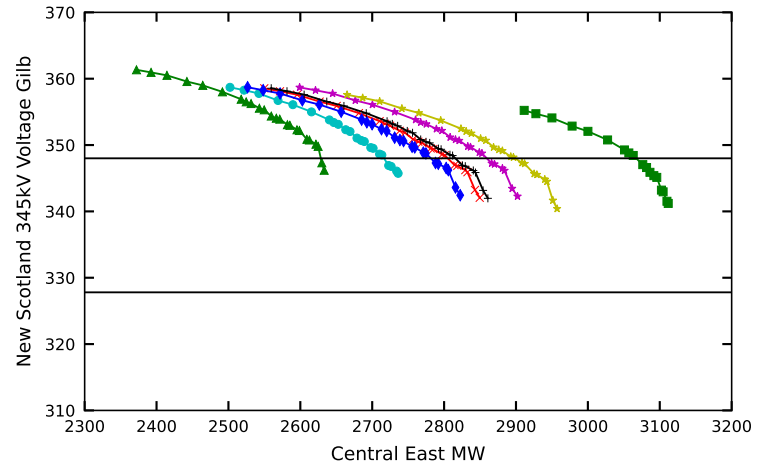
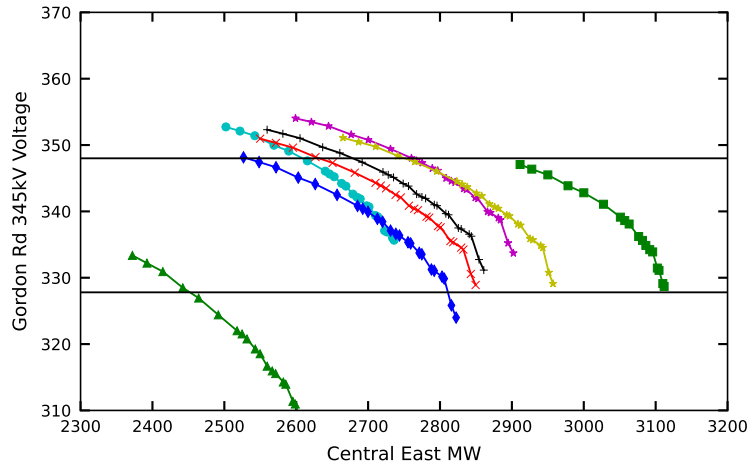
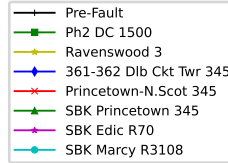
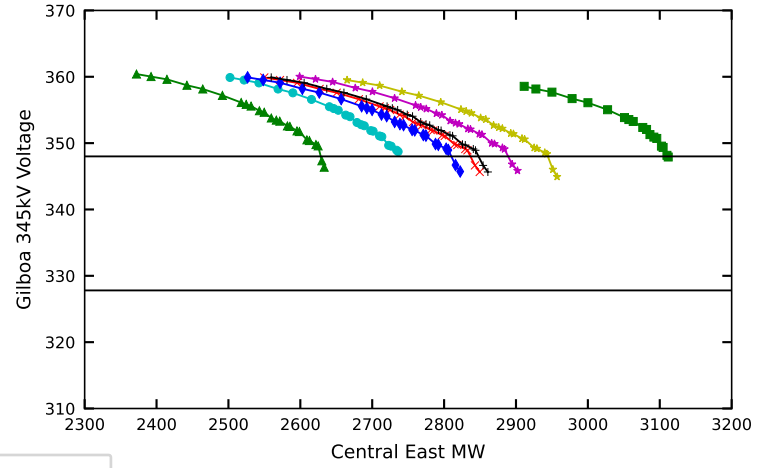
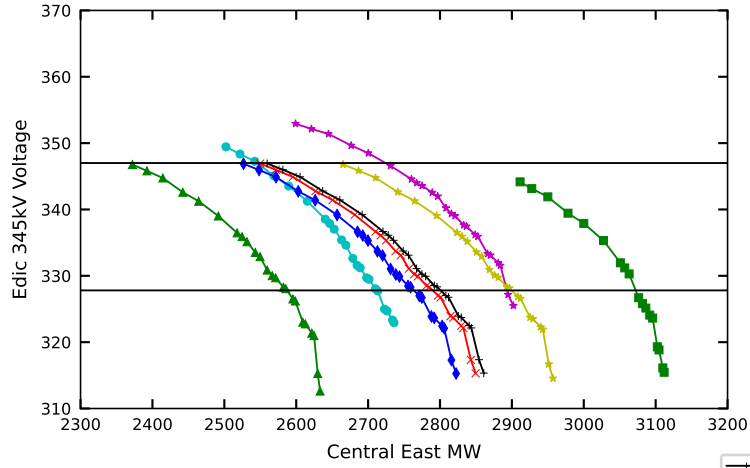
1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 0M CAPS Figure 2



1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 0M CAPS Figure 1



1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 0M CAPS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\0M_CAPS\Sum2023_CEVC_Ph2_3O_0M_CAPS.xlsx

1: 2023S CEVC PH2 CE2620 MS2270 DE1300 3O 0M CAPS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2559	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2581	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2605	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2636	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2660	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2691	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2720	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2727	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2735	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2748	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2756	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2767	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2774	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2779	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2792	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2795	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2808	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2811	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2825	t1	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	9															
2829	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	0															
2840	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	1															
2843	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	2															
2854	t2	0	2	2	0	2	2	2	0	1	0	0	0	0	0	2
	3															
2860	t2	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2
	4															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\0M_CAPS\Sum2023_CEVC_Ph2_3O_0M_CAPS.xlsx

1: 2023S CEVC PH2 CE2620 MS2270 DE1300 3O 0M CAPS

Interface: Central East

log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravensw																						
ood 3																						
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2
Ph2 DC																						
1500																						

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 0M CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
369 >E	Dunwoodie 345kV Voltage	Pre-Fault	583.5	NA	348	369
623 >E	Sprain Brook 345kV Voltage	Pre-Fault	536.6	NA	348	623
2522 <E	Marcy 345kV Voltage	Pre-Fault	23.4	NA	348	2522
2557 <E	Edic 345kV Voltage	Pre-Fault	23.3	NA	347	2557
2584	limit with 5% margin	Marcy South N.	NA	NA	NA	3340
2647	Gordon Rd 345kV Voltage	SBK Princetown 345	15.4	327.8	349.3	2452
2657	Marcy 345kV Voltage	Marcy South N.	8.4	327.8	341.1	3486
2658	Edic 345kV Voltage	Marcy South N.	8.4	327.8	341.5	3488
2671	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1934
2671	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1880
2671	limit with 5% margin	SBK Edic R945	NA	NA	NA	1934
2671	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2956
2678	Gordon Rd 345kV Voltage	Pre-Fault	22.1	NA	348	2678
2701	limit with 5% margin	Marcy South S.	NA	NA	NA	3187
2701	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2599
2707	Gordon Rd 345kV Voltage	Marcy South N.	6.2	327.8	346.6	3514
2707	Clay 345kV Voltage	Marcy South N.	3.9	327.8	345.8	3514
2710	Pannell Road 345kV Voltage	Pre-Fault	17.3	NA	346	2710
2710	Station 80 345kV Voltage	Pre-Fault	16.2	NA	346	2710
2717	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2677
2717	limit with 5% margin	Volney-Marcy	NA	NA	NA	2653
2717	limit with 5% margin	SBK Edic R70	NA	NA	NA	2757
2717	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2501
2717	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2707
2717	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2681
2717	limit with 5% margin	Ravenswood 3	NA	NA	NA	2809
2718	Millwood 345kV Voltage	Pre-Fault	53.3	NA	348	2718
2720	Clay 345kV Voltage	Pre-Fault	14.8	NA	345	2720
2735	Marcy 345kV Voltage	SBK Edic R945	5.4	327.8	334.8	2001
2735	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	334.8	2001
2737 >E	Oakdale 345kV Voltage	Marcy South N.	4.8	320	345.6	3517
2739	Edic 345kV Voltage	SBK Edic R945	5.4	327.8	334.8	2003
2739	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	334.8	2003
2743	Marcy 345kV Voltage	Ph2 DC 1500	3.6	327.8	333.8	3070
2744	Edic 345kV Voltage	Ph2 DC 1500	3.7	327.8	334.2	3072
2745	Edic 345kV Voltage	Marcy-N.Scot99 345	5.8	327.8	334.1	1953
2746	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.8	327.8	333.4	1954
2747 >E	Pannell Road 345kV Voltage	Marcy South N.	5.8	327.8	343.8	3518
2751	Marcy 345kV Voltage	SBK Marcy R3108	14.2	327.8	332.9	2665
2764 >E	Station 80 345kV Voltage	Marcy South N.	6.4	327.8	342.7	3520

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 OM CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2768	Marcy 345kV Voltage	Marcy South S.	7.4	327.8	330.4	3313
2769	Marcy 345kV Voltage	SBK Edic R70	9.9	327.8	330.3	2810
2770	Edic 345kV Voltage	Marcy South S.	7.3	327.8	330.8	3314
2786	Marcy 345kV Voltage	Volney-Marcy	8.0	327.8	328.5	2728
2788	Edic 345kV Voltage	Volney-Marcy	8.0	327.8	328.9	2730
2793	Marcy 345kV Voltage	SBK Princetown 345	16.6	327.8	327.8	2583
2794	Marcy 345kV Voltage	N.Scot-Leeds 345	19.6	327.8	327.8	2755
2794	Marcy 345kV Voltage	Princetown-N.Scot 345	19.6	327.8	327.8	2783
2794	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	19.6	327.8	327.8	2757
2794	Marcy 345kV Voltage	Ravenswood 3	19.6	327.8	327.8	2895
2795	Buchanan North 345kV Voltage	Pre-Fault	46.0	NA	346	2795
2797	Edic 345kV Voltage	SBK Princetown 345	8.0	327.8	328.1	2587
2798	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	338.0	2032
2798	Clay 345kV Voltage	SBK Edic R945	4.3	327.8	338.0	2032
2799	Edic 345kV Voltage	Ravenswood 3	9.5	327.8	328.0	2899
2800	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	9.5	327.8	327.9	2763
2800	Edic 345kV Voltage	N.Scot-Leeds 345	9.5	327.8	327.8	2761
2800	Edic 345kV Voltage	Princetown-N.Scot 345	9.5	327.8	327.8	2789
2804	Gordon Rd 345kV Voltage	Marcy South S.	6.7	327.8	340.0	3341
2807	Clay 345kV Voltage	Marcy-N.Scot99 345	5.8	327.8	337.4	1977
2810	Edic 345kV Voltage	SBK Marcy R3108	11.4	327.8	326.8	2712
2815	New Scotland 345kV Voltage Alps	Pre-Fault	9.3	NA	348	2815
2815	New Scotland 345kV Voltage Gilb	Pre-Fault	9.3	NA	348	2815
2818 >E	St.Lawrence 230kV Voltage	Marcy South N.	12.9	218.5	227.6	3526
2819 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.4	327.8	339.1	3115
2819	Oakdale 345kV Voltage	Pre-Fault	4.6	NA	335	2819
2819 >E	Clay 345kV Voltage	Ph2 DC 1500	6.7	327.8	336.5	3115
2824 >E	Oakdale 345kV Voltage	SBK Edic R945	4.4	320	335.8	2040
2824 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	4.5	320	335.8	2040
2830 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.7	327.8	349.0	3527
2830 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.7	327.8	349.0	3527
2834 >E	Fraser 345kV Voltage	SBK Edic R945	5.3	327.8	340.3	2044
2835 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	340.3	2043
2835 >E	Coopers Corners 345kV Voltage	SBK Edic R945	7.7	327.8	341.4	2044
2836 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	7.9	327.8	341.4	2044
2837 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	5.7	320	334.9	1987
2838	Fraser 345kV Voltage	Pre-Fault	9.9	NA	338	2838
2846	Rock Tavern 345kV Voltage	Pre-Fault	6.1	NA	348	2846
2847	Coopers Corners 345kV Voltage	Pre-Fault	3.3	NA	338	2847

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 0M CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2847 >E	Pannell Road 345kV Voltage	SBK Edic R945	6.5	327.8	339.2	2048
2847	Gilboa 345kV Voltage	Pre-Fault	4.7	NA	348	2847
2848	St.Lawrence 230kV Voltage	Pre-Fault	6.3	NA	225	2848
2848 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	6.6	327.8	339.2	2048
2849	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	2.6	327.8	334.5	2810
2850 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	337.7	1991
2850 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	6.8	327.8	339.4	1991
2851	Clay 345kV Voltage	Volney-Marcy	2.4	327.8	330.9	2785
2851	Pleasant Valley 345kV Voltage	Pre-Fault	8.5	NA	348	2851
2852 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	9.8	327.8	340.9	1992
2852	Edic 345kV Voltage	SBK Edic R70	2.4	327.8	318.1	2893
2854 >E	Clay 345kV Voltage	Marcy South S.	6.5	327.8	332.7	3356
2854	Clay 345kV Voltage	SBK Princetown 345	3.3	327.8	329.7	2630
2856	Buchanan South 345kV Voltage	Pre-Fault	13.9	NA	346	2856
2858	Clay 345kV Voltage	Ravenswood 3	4.2	327.8	328.7	2955
2862 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	327.9	2824
2862 >E	Clay 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	327.9	2820
2863 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.8	327.8	330.6	2820
2863 >E	Clay 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	2851
2865 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	4.0	327.8	330.1	2853
2865 >E	Ramapo 500kV Voltage	Ph2 DC 1500	23.7	500	506.7	3137
2866 >E	Gordon Rd 345kV Voltage	Ravenswood 3	4.0	327.8	329.9	2961
2872 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	8.8	327.8	338.1	1998
2873 >E	Oakdale 345kV Voltage	Volney-Marcy	4.3	320	323.3	2804
2873 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.8	327.8	342.8	3358
2873 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.8	327.8	342.8	3358
2873 >E	Station 80 345kV Voltage	SBK Edic R945	7.8	327.8	339.5	2057
2874 >E	Gordon Rd 345kV Voltage	Volney-Marcy	4.2	327.8	327.9	2805
2874 >E	Coopers Corners 345kV Voltage	Ravenswood 3	4.6	327.8	331.9	2969
2875 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.8	320	322.9	2640
2875 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	8.0	327.8	339.4	2056
2876 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	327.8	2833
2876 >E	Fraser 345kV Voltage	Volney-Marcy	4.1	327.8	327.8	2807
2876 >E	Fraser 345kV Voltage	SBK Edic R70	4.1	327.8	327.8	2919
2876 >E	Fraser 345kV Voltage	SBK Princetown 345	4.1	327.8	327.8	2641
2876 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.8	2865
2876 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	327.8	2837
2876 >E	Fraser 345kV Voltage	Ravenswood 3	4.1	327.8	327.8	2971

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 OM CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2877 >E	St.Lawrence 230kV Voltage	SBK Edic R945	11.8	218.5	226.4	2058
2879 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	12.2	218.5	226.3	2058
2879 >E	Oakdale 345kV Voltage	Ravenswood 3	4.3	320	321.9	2973
2880 >E	Oakdale 345kV Voltage	Ph2 DC 1500	6.9	320	332.0	3145
2882 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	4.4	327.8	330.4	2643
2885 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.7	327.8	329.8	2929
2885 >E	Ramapo 345kV Voltage	Pre-Fault	13.8	NA	346	2885
2886 >E	Clay 345kV Voltage	SBK Marcy R3108	9.6	327.8	329.7	2766
2886 >E	Clay 345kV Voltage	SBK Edic R70	5.4	327.8	322.8	2931
2886 >E	Gordon Rd 345kV Voltage	SBK Edic R70	4.4	327.8	325.0	2931
2887 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	320	320.3	2848
2887 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	4.6	320	320.2	2843
2888 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	4.6	320	320.1	2876
2890 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.8	327.8	328.7	2847
2892 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	17.4	218.5	226.1	3151
2893 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	4.9	327.8	328.2	2854
2893 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.5	320	323.3	2771
2894 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	4.9	327.8	327.9	2883
2897 >E	Ramapo 500kV Voltage	Ravenswood 3	25.3	500	505.3	2989
2898 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	8.4	218.5	219.4	2651
2898 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	10.9	327.8	337.0	3153
2898 >E	Oakdale 345kV Voltage	Marcy South S.	5.1	320	322.5	3361
2898 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	13.9	218.5	224.1	2774
2898 >E	Coopers Corners 345kV Voltage	Volney-Marcy	5.1	327.8	327.1	2826
2899 >E	Somerset 345kV Voltage	Marcy South N.	9.8	327.8	343.6	3535
2899 >E	Oakdale 345kV Voltage	SBK Edic R70	4.9	320	317.6	2945
2902 >E	St.Lawrence 230kV Voltage	Volney-Marcy	11.0	218.5	219.0	2829
2903 >E	Ladentown 345kV Voltage	Pre-Fault	13.8	NA	346	2903
2904 >E	St.Lawrence 230kV Voltage	Ravenswood 3	10.2	218.5	218.8	2995
2906 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	338.2	2009
2907 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	9.6	218.5	218.5	2895
2907 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	9.6	218.5	218.5	2868
2907 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	9.6	218.5	218.5	2863
2909 >E	Fraser 345kV Voltage	Ph2 DC 1500	8.0	327.8	336.2	3159
2912 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	4.8	327.8	332.7	2867
2912 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	4.8	327.8	332.7	2867
2912 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	8.8	327.8	329.4	2784
2913 >E	St.Lawrence 230kV Voltage	SBK Edic R70	11.7	218.5	217.8	2961

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 OM CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2917 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	15.9	218.5	225.7	2013
2918 >E	Roseton 345kV Voltage	Pre-Fault	11.7	NA	345	2918
2919 >E	Leeds 345kV Voltage	Pre-Fault	8.6	NA	345	2919
2922 >E	Gilboa 345kV Voltage	Marcy South S.	7.1	327.8	343.7	3364
2925 >E	Watercure 230kV Voltage	Marcy South N.	13.1	207	228.2	3538
2927 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	5.3	327.8	330.0	3016
2927 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	5.3	327.8	330.0	3016
2928 >E	Pannell Road 345kV Voltage	Marcy South S.	10.1	327.8	333.2	3365
2932 >E	Station 80 345kV Voltage	Ph2 DC 1500	12.8	327.8	337.2	3170
2938 >E	Ramapo 500kV Voltage	SBK Edic R945	26.0	500	505.6	2079
2939 >E	Bowline 1 345kV Voltage	Pre-Fault	13.8	NA	345	2939
2940 >E	Niagara 230kV East Voltage	Pre-Fault	13.3	NA	225	2940
2940 >E	Niagara 230kV West Voltage	Pre-Fault	13.3	NA	225	2940
2940 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	5.6	327.8	327.8	2862
2940 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	5.6	327.8	327.8	2862
2941 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	26.6	500	505.5	2078
2941 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	5.6	327.8	327.6	2929
2941 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	5.6	327.8	327.6	2929
2943 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	5.7	327.8	327.2	2994
2943 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	5.7	327.8	327.2	2994
2943 >E	Fraser 345kV Voltage	Marcy South S.	10.4	327.8	327.8	3367
2943 >E	Fraser 345kV Voltage	SBK Marcy R3108	10.4	327.8	327.8	2806
2944 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	5.7	327.8	326.9	2904
2944 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	5.7	327.8	326.9	2904
2945 >E	Bowline 2 345kV Voltage	Pre-Fault	13.7	NA	345	2945
2946 >E	Pannell Road 345kV Voltage	SBK Princetown 345	13.6	327.8	333.6	2675
2948 >E	St.Lawrence 230kV Voltage	Marcy South S.	16.4	218.5	222.6	3367
2949 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	12.4	327.8	337.9	3178
2950 >E	Dunwoodie 345kV Voltage	Ravenswood 3	13.1	327.8	335.7	3036
2951 >E	Sprain Brook 345kV Voltage	Ravenswood 3	13.0	327.8	335.8	3037
2951 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	332.2	2905
2958 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	29.7	500	505.3	2026
2962 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	11.2	327.8	343.3	3184
2962 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	11.2	327.8	343.3	3184
2964 >E	Gilboa 345kV Voltage	Ravenswood 3	6.1	327.8	330.3	3049
2965 >E	Station 80 345kV Voltage	Marcy South S.	11.7	327.8	333.1	3369
2970 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	5.9	327.8	322.4	2687
2970 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	5.9	327.8	322.4	2687
2972 >E	Rock Tavern 345kV Voltage	Ravenswood 3	8.0	327.8	333.7	3056

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 OM CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2975 >E	Buchanan North 345kV Voltage	Ravenswood 3	12.0	327.8	335.2	3058
2980 >E	Millwood 345kV Voltage	Ravenswood 3	12.1	327.8	335.6	3063
2980 >E	Gilboa 345kV Voltage	Volney-Marcy	6.7	327.8	327.9	2897
2981 >E	Gilboa 345kV Voltage	Princeton-N.Scot 345	6.8	327.8	327.8	2969
2983 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	6.9	327.8	327.5	2942
2985 >E	Gilboa 345kV Voltage	SBK Edic R70	6.9	327.8	327.2	3041
2986 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	14.0	327.8	329.4	2836
2989 >E	Gilboa 345kV Voltage	SBK Princetown 345	6.9	327.8	326.7	2697
3000 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	8.8	327.8	329.5	2846
3000 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	8.8	327.8	329.5	2846
3001 >E	Buchanan South 345kV Voltage	Ravenswood 3	11.9	327.8	335.6	3082
3003 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	8.1	327.8	330.3	2704
3006 >E	Leeds 345kV Voltage	Marcy South S.	8.7	327.8	346.7	3375
3007 >E	Niagara 230kV East Voltage	SBK Princetown 345	11.9	218.5	219.9	2706
3007 >E	Niagara 230kV West Voltage	SBK Princetown 345	11.9	218.5	219.9	2706
3009 >E	Rock Tavern 345kV Voltage	SBK Edic R70	8.5	327.8	329.7	3068
3011 >E	Pannell Road 345kV Voltage	Volney-Marcy	25.8	327.8	332.2	2924
3012 >E	Ramapo 500kV Voltage	SBK Princetown 345	24.9	500	501.6	2708
3012 >E	Niagara 230kV East Voltage	Ravenswood 3	12.6	218.5	219.5	3091
3012 >E	Niagara 230kV West Voltage	Ravenswood 3	12.6	218.5	219.5	3091
3013 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	8.5	327.8	329.3	2964
3016 >E	Niagara 230kV East Voltage	Volney-Marcy	12.6	218.5	219.3	2928
3016 >E	Niagara 230kV West Voltage	Volney-Marcy	12.6	218.5	219.3	2928
3022 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	8.9	327.8	328.2	2980
3022 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	15.1	327.8	329.3	2862
3023 >E	Fraser 345kV Voltage	Marcy South N.	13.6	327.8	327.8	3548
3025 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	13.2	218.5	218.6	2983
3025 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	13.2	218.5	218.6	2983
3025 >E	Rock Tavern 345kV Voltage	Princeton-N.Scot 345	9.0	327.8	327.9	3013
3025 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	13.2	218.5	218.6	2976
3025 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	13.2	218.5	218.6	2976
3025 >E	Niagara 230kV East Voltage	Princeton-N.Scot 345	13.2	218.5	218.5	3013
3025 >E	Niagara 230kV West Voltage	Princeton-N.Scot 345	13.2	218.5	218.5	3013
3029 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	10.6	327.8	332.2	3106
3030 >E	Watercure 230kV Voltage	SBK Edic R945	10.9	207	226.4	2111
3032 >E	Station 80 345kV Voltage	SBK Marcy R3108	16.0	327.8	329.1	2869
3035 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	27.9	500	500.8	2985

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 OM CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3036 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	11.2	207	226.2	2109
3038 >E	Ramapo 345kV Voltage	Ravenswood 3	11.8	327.8	334.9	3114
3040 >E	Rock Tavern 345kV Voltage	Volney-Marcy	9.7	327.8	326.3	2949
3040 >E	Niagara 230kV East Voltage	SBK Edic R70	14.2	218.5	217.4	3103
3040 >E	Niagara 230kV West Voltage	SBK Edic R70	14.2	218.5	217.4	3103
3040 >E	Pannell Road 345kV Voltage	Ravenswood 3	26.0	327.8	331.5	3116
3042 >E	Ramapo 500kV Voltage	SBK Edic R70	28.5	500	500.6	3105
3045 >E	Ramapo 500kV Voltage	Marcy South S.	28.5	500	502.2	3379
3047 >E	Ladentown 345kV Voltage	Ravenswood 3	11.7	327.8	335.5	3122
3053 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	29.8	500	500.3	3011
3058 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	30.4	500	500.1	3046
3060 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	14.7	327.8	328.6	3009
3060 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	14.7	327.8	328.6	3010
3061 >E	Ramapo 500kV Voltage	Pre-Fault	30.7	NA	500	3061
3062 >E	Dunwoodie 345kV Voltage	SBK Edic R70	14.8	327.8	328.5	3127
3062 >E	Sprain Brook 345kV Voltage	SBK Edic R70	14.8	327.8	328.5	3127
3062 >E	Buchanan North 345kV Voltage	SBK Princetown 345	13.1	327.8	329.0	2733
3063 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	10.8	327.8	329.2	3012
3064 >E	Ramapo 500kV Voltage	Volney-Marcy	31.9	500	499.9	2970
3065 >E	Roseton 345kV Voltage	Ravenswood 3	10.8	327.8	332.5	3138
3065 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	13.4	327.8	328.9	3014
3065 >E	Buchanan North 345kV Voltage	SBK Edic R70	13.4	327.8	328.9	3131
3066 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	8.6	327.8	327.8	3016
3066 >E	Leeds 345kV Voltage	Volney-Marcy	8.6	327.8	327.8	2972
3066 >E	Leeds 345kV Voltage	SBK Edic R70	8.6	327.8	327.8	3132
3066 >E	Leeds 345kV Voltage	SBK Princetown 345	8.6	327.8	327.8	2735
3066 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	8.6	327.8	327.8	3054
3066 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	8.6	327.8	327.8	3024
3066 >E	Leeds 345kV Voltage	Ravenswood 3	8.6	327.8	327.8	3139
3067 >E	Bowline 1 345kV Voltage	Ravenswood 3	11.8	327.8	335.8	3139
3067 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	14.8	327.8	328.1	2736
3068 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	14.7	327.8	328.1	2736
3070 >E	Bowline 2 345kV Voltage	Ravenswood 3	11.7	327.8	335.8	3143
3071 >E	Gilboa 345kV Voltage	SBK Edic R945	13.4	327.8	343.7	2125
3072 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	15.4	327.8	327.8	3029
3072 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	15.4	327.8	327.8	3060
3073 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	15.3	327.8	327.8	3030

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 0M CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3073 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	15.3	327.8	327.8	3060
3073 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	11.1	327.8	328.3	3139
3073 >E	Niagara 345kV Voltage	Marcy South N.	13.6	327.8	342.2	3554
3074 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	13.4	327.8	328.9	3023
3077 >E	Millwood 345kV Voltage	SBK Edic R70	13.5	327.8	328.7	3144
3077 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	13.7	327.8	343.5	2122
3078 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	14.0	327.8	328.0	3035
3079 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	11.3	327.8	327.8	3066
3079 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	14.1	327.8	327.9	3067
3080 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	11.3	327.8	327.7	3037
3082 >E	Millwood 345kV Voltage	SBK Princetown 345	13.4	327.8	328.3	2743
3082 >E	Dunwoodie 345kV Voltage	Volney-Marcy	15.9	327.8	327.2	2986
3083 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	11.1	327.8	327.4	2743
3083 >E	Sprain Brook 345kV Voltage	Volney-Marcy	15.8	327.8	327.1	2986
3085 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	11.5	327.8	327.2	2988
3089 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	14.0	327.8	327.8	3046
3089 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	14.1	327.8	327.8	3076
3091 >E	Ramapo 500kV Voltage	SBK Marcy R3108	35.2	500	501.1	2909
3092 >E	Buchanan North 345kV Voltage	Volney-Marcy	14.7	327.8	327.0	2994
3094 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	13.2	327.8	329.0	3042
3095 >E	Buchanan South 345kV Voltage	SBK Edic R70	13.3	327.8	328.9	3164
3095 >E	Somerset 345kV Voltage	SBK Edic R945	14.1	327.8	345.2	2133
3097 >E	Buchanan South 345kV Voltage	SBK Princetown 345	13.1	327.8	328.8	2750
3100 >E	Millwood 345kV Voltage	Volney-Marcy	14.5	327.8	327.0	3001
3101 >E	Gilboa 345kV Voltage	Ph2 DC 1500	14.4	327.8	342.8	3252
3103 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	14.5	327.8	345.0	2130
3105 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	11.2	327.8	329.0	3053
3107 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	14.3	207	224.3	2075
3107 >E	Roseton 345kV Voltage	SBK Princetown 345	11.1	327.8	328.9	2755
3107 >E	Roseton 345kV Voltage	SBK Edic R70	11.3	327.8	328.9	3178
3108 >E	Ramapo 345kV Voltage	SBK Princetown 345	12.5	327.8	329.8	2756
3108 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	13.8	327.8	327.9	3065
3109 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	13.9	327.8	327.8	3097
3110 >E	Gordon Rd 345kV Voltage	SBK Edic R945	15.2	327.8	325.4	2138
3115 >E	Ramapo 345kV Voltage	SBK Edic R70	12.9	327.8	329.3	3186
3116 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	15.3	327.8	338.0	2140
3116 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	15.3	327.8	338.0	2140

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 0M CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3116 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	15.6	327.8	325.1	2135
3117 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	13.0	327.8	329.2	3064
3117 >E	Gilboa 345kV Voltage	Marcy South N.	16.3	327.8	340.6	3558
3118 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	11.6	327.8	327.9	3074
3119 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	11.7	327.8	327.8	3106
3122 >E	Buchanan South 345kV Voltage	Volney-Marcy	14.4	327.8	326.9	3020
3123 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	15.7	327.8	337.7	2137
3123 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	15.7	327.8	337.7	2137
3128 >E	Ladentown 345kV Voltage	SBK Princetown 345	12.6	327.8	329.7	2766
3130 >E	Roseton 345kV Voltage	Volney-Marcy	12.1	327.8	326.9	3027
3132 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	13.6	327.8	328.1	3088
3133 >E	Ladentown 345kV Voltage	SBK Edic R70	13.0	327.8	329.3	3206
3134 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	13.0	327.8	329.2	3080
3134 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	13.7	327.8	327.9	3122
3140 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	16.6	327.8	341.7	2085
3145 >E	Niagara 230kV East Voltage	Marcy South N.	31.8	218.5	228.1	3561
3145 >E	Niagara 230kV West Voltage	Marcy South N.	31.8	218.5	228.1	3561
3145 >E	Gilboa 345kV Voltage	SBK Marcy R3108	14.4	327.8	329.0	2948
3148 >E	Bowline 1 345kV Voltage	SBK Princetown 345	12.6	327.8	329.9	2776
3150 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	13.6	327.8	328.1	3106
3152 >E	Ramapo 345kV Voltage	Volney-Marcy	14.4	327.8	326.6	3046
3152 >E	Bowline 2 345kV Voltage	SBK Princetown 345	12.5	327.8	329.9	2778
3152 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	13.7	327.8	327.9	3139
3154 >E	Bowline 1 345kV Voltage	SBK Edic R70	13.0	327.8	329.4	3230
3156 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	13.0	327.8	329.3	3101
3158 >E	Bowline 2 345kV Voltage	SBK Edic R70	12.9	327.8	329.4	3235
3159 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	12.9	327.8	329.4	3105
3169 >E	Ladentown 345kV Voltage	Volney-Marcy	14.4	327.8	326.7	3061
3173 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	13.6	327.8	328.1	3128
3175 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	13.7	327.8	327.9	3162
3176 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	13.5	327.8	328.1	3132
3179 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	13.6	327.8	327.9	3166
3186 >E	Watercure 230kV Voltage	Ph2 DC 1500	17.3	207	222.1	3294
3187 >E	Rock Tavern 345kV Voltage	SBK Edic R945	20.5	327.8	346.4	2165
3191 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	43.0	327.8	328.2	3146

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 OM CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3193 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	43.3	327.8	328.1	3138
3194 >E	Bowline 1 345kV Voltage	Volney-Marcy	14.4	327.8	326.6	3083
3196 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	21.1	327.8	346.3	2160
3197 >E	Bowline 2 345kV Voltage	Volney-Marcy	14.3	327.8	326.6	3086
3202 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	18.9	327.8	342.8	2105
3202 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	44.2	327.8	327.9	3189
3203 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	19.1	327.8	335.0	2106
3203 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	19.1	327.8	335.0	2106
3218 >E	Pleasant Valley 345kV Voltage	Marcy South S.	22.7	327.8	340.9	3401
3229 >E	Ramapo 500kV Voltage	Marcy South N.	62.7	500	502.1	3570
3264 >E	Somerset 345kV Voltage	Ph2 DC 1500	22.4	327.8	341.5	3332
3272 >E	Leeds 345kV Voltage	Marcy South N.	20.3	327.8	345.5	3575
3290 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	25.6	327.8	345.4	2134
3296 >E	Watercure 230kV Voltage	SBK Princetown 345	18.0	207	216.0	2850
3303 >E	Somerset 345kV Voltage	Marcy South S.	21.1	327.8	335.8	3411
3321 >E	Station 80 345kV Voltage	SBK Princetown 345	52.5	327.8	348.5	2862
3324 >E	Watercure 230kV Voltage	Pre-Fault	27.1	NA	215	3324
3388 >E	Watercure 230kV Voltage	Ravenswood 3	21.9	207	212.6	3424
3406 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	28.8	327.8	344.4	3400
3407 >E	Watercure 230kV Voltage	Volney-Marcy	22.9	207	211.9	3268
3421 >E	Leeds 345kV Voltage	SBK Marcy R3108	21.9	327.8	327.8	3141
3424 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	37.6	327.8	342.1	3409
3425 >E	Gardenville 230kV Voltage	Marcy South N.	29.5	207	225.9	3591
3427 >E	Pleasant Valley 345kV Voltage	Marcy South N.	32.3	327.8	337.6	3592
3454 >E	Leeds 345kV Voltage	Ph2 DC 1500	24.0	327.8	346.1	3424
3484 >E	Buchanan North 345kV Voltage	SBK Edic R945	40.8	327.8	341.8	2267
3493 >E	Coopers Corners 345kV Voltage	Marcy South N.	25.2	327.8	302.9	3599
3499 >E	Somerset 345kV Voltage	SBK Marcy R3108	28.8	327.8	329.4	3196
3500 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	41.8	327.8	341.7	2259
3512 >E	Rainey 345kV Voltage	Ravenswood 3	34.1	327.8	341.8	3534
3514 >E	Ramapo 345kV Voltage	SBK Edic R945	34.3	327.8	345.8	2277
3520 >E	Niagara 230kV East Voltage	SBK Edic R945	52.2	218.5	229.4	2279
3520 >E	Niagara 230kV West Voltage	SBK Edic R945	52.2	218.5	229.4	2279
3528 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	26.7	207	207.5	3476
3532 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	35.2	327.8	345.7	2269
3535 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	26.9	207	207.2	3466
3537 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	27.0	207	207.1	3522
3540 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	53.7	218.5	229.3	2272
3540 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	53.7	218.5	229.3	2272
3541 >E	Ramapo 345kV Voltage	Ph2 DC 1500	35.2	327.8	345.6	3466

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 OM CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3547 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	35.0	327.8	345.8	3469
3555 >E	Farragut 345kV Voltage	Ravenswood 3	36.0	327.8	341.1	3572
3558 >E	Niagara 345kV Voltage	SBK Edic R945	26.4	327.8	349.4	2292
3579 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	27.1	327.8	349.2	2285
3583 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	40.1	327.8	344.9	3487
3600 >E	Ladentown 345kV Voltage	Ph2 DC 1500	35.7	327.8	346.8	3495
3605 >E	Millwood 345kV Voltage	Ph2 DC 1500	44.0	327.8	344.1	3497
3606 >E	Sprain Brook 345kV Voltage	Marcy South N.	50.3	327.8	328.5	3611
3613 >E	Dunwoodie 345kV Voltage	Marcy South N.	51.1	327.8	328.5	3612
3630 >E	Ladentown 345kV Voltage	SBK Edic R945	37.1	327.8	346.6	2317
3632 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	49.1	327.8	340.9	2245
3650 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	38.0	327.8	346.5	2308
3654 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	35.6	327.8	348.1	3521
3659 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	53.9	327.8	342.3	3524
3660 >E	Gardenville 230kV Voltage	Pre-Fault	48.7	NA	217	3660
3670 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	35.5	327.8	348.5	3529
3672 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	54.9	327.8	342.3	3530
3673 >E	Roseton 345kV Voltage	Marcy South S.	35.1	327.8	337.6	3457
3673 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	41.6	327.8	344.8	2258
3684 >E	Bowline 1 345kV Voltage	SBK Edic R945	36.8	327.8	347.9	2335
3692 >E	Watercure 230kV Voltage	SBK Edic R70	32.2	207	201.4	3832
3701 >E	Bowline 2 345kV Voltage	SBK Edic R945	36.8	327.8	348.3	2341
3703 >E	Millwood 345kV Voltage	Marcy South S.	48.2	327.8	335.0	3461
3705 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	37.7	327.8	347.8	2325
3714 >E	Millwood 345kV Voltage	Marcy South N.	49.2	327.8	329.3	3623
3722 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	37.7	327.8	348.1	2331
3723 >E	Rainey 345kV Voltage	Pre-Fault	55.7	NA	338	3723
3737 >E	Farragut 345kV Voltage	Pre-Fault	58.4	NA	338	3737
3746 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	42.8	327.8	330.1	3370
3756 >E	Gardenville 230kV Voltage	SBK Princetown 345	34.4	207	215.0	3079
3764 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	69.4	218.5	228.1	2288
3764 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	69.4	218.5	228.1	2288
3770 >E	Dunwoodie 345kV Voltage	Marcy South S.	60.1	327.8	334.4	3469
3771 >E	Roseton 345kV Voltage	Ph2 DC 1500	40.2	327.8	347.2	3578
3773 >E	Sprain Brook 345kV Voltage	Marcy South S.	59.6	327.8	334.3	3469
3779 >E	Buchanan South 345kV Voltage	SBK Edic R945	49.6	327.8	344.1	2368
3793 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	44.4	327.8	328.7	3403
3802 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	50.8	327.8	344.0	2357
3812 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	44.8	327.8	345.5	2303
3814 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	35.1	327.8	346.5	2304
3823 >E	Niagara 230kV East Voltage	Marcy South S.	74.9	218.5	223.6	3475

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 0M CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3823 >E	Niagara 230kV West Voltage	Marcy South S.	74.9	218.5	223.6	3475
3867 >E	Goethals 345kV Voltage	Ravenswood 3	48.4	327.8	340.4	3848
3868 >E	Buchanan North 345kV Voltage	Marcy South S.	52.2	327.8	329.9	3481
3877 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	44.5	327.8	346.8	2325
3879 >E	Buchanan South 345kV Voltage	Marcy South S.	50.6	327.8	333.2	3482
3885 >E	Gardenville 230kV Voltage	SBK Edic R945	42.5	207	228.4	2404
3888 >E	Niagara 230kV East Voltage	Ph2 DC 1500	80.0	218.5	227.5	3635
3888 >E	Niagara 230kV West Voltage	Ph2 DC 1500	80.0	218.5	227.5	3635
3892 >E	Roseton 345kV Voltage	Marcy South N.	44.1	327.8	331.9	3642
3899 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	44.6	327.8	347.1	2332
3907 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	61.1	327.8	329.3	3483
3920 >E	Gardenville 230kV Voltage	Ravenswood 3	40.6	207	211.6	3896
3921 >E	Buchanan North 345kV Voltage	Marcy South N.	58.8	327.8	325.3	3645
3922 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	44.0	207	228.3	2396
3931 >E	Buchanan South 345kV Voltage	Marcy South N.	54.4	327.8	327.6	3646
3937 >E	Millwood 345kV Voltage	SBK Edic R945	61.6	327.8	343.2	2422
3938 >E	Roseton 345kV Voltage	SBK Edic R945	47.3	327.8	346.2	2422
3944 >E	Niagara 345kV Voltage	Ph2 DC 1500	40.5	327.8	345.0	3663
3964 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	63.1	327.8	343.1	2409
3964 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	48.4	327.8	346.1	2409
3965 >E	Gardenville 230kV Voltage	Volney-Marcy	42.3	207	210.7	3753
3982 >E	Niagara 345kV Voltage	Marcy South S.	38.3	327.8	338.1	3495
3987 >E	Rock Tavern 345kV Voltage	Marcy South N.	45.0	327.8	315.7	3652
4002 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	60.3	327.8	343.1	2365
4052 >E	Sprain Brook 345kV Voltage	SBK Edic R945	78.3	327.8	341.6	2461
4057 >E	Goethals 345kV Voltage	Pre-Fault	80.3	NA	338	4057
4081 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	80.1	327.8	341.6	2447
4086 >E	Dunwoodie 345kV Voltage	SBK Edic R945	80.7	327.8	341.6	2473
4114 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	82.6	327.8	341.6	2458
4122 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	47.8	207	207.5	4058
4122 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	47.8	207	207.5	4030
4129 >E	Ramapo 345kV Voltage	SBK Marcy R3108	58.8	327.8	330.2	3639
4139 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	48.4	207	207.2	4121
4156 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	66.0	327.8	329.4	3658
4168 >E	Roseton 345kV Voltage	SBK Marcy R3108	55.0	327.8	329.3	3667
4177 >E	Millwood 345kV Voltage	SBK Marcy R3108	73.0	327.8	329.1	3673
4196 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	57.5	327.8	344.8	2428
4208 >E	Rainey 345kV Voltage	SBK Princetown 345	52.3	327.8	329.3	3303
4213 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	75.6	327.8	342.3	2434
4214 >E	Ladentown 345kV Voltage	SBK Marcy R3108	59.1	327.8	330.1	3699

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 0M CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4221 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	53.1	327.8	329.1	4125
4235 >E	Rainey 345kV Voltage	SBK Edic R70	53.6	327.8	328.8	4440
4243 >E	Farragut 345kV Voltage	SBK Princetown 345	54.7	327.8	329.3	3321
4260 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	55.7	327.8	329.0	4162
4274 >E	Farragut 345kV Voltage	SBK Edic R70	56.2	327.8	328.8	4484
4278 >E	Ramapo 345kV Voltage	Marcy South S.	56.9	327.8	327.9	3532
4284 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	55.4	327.8	327.9	4217
4290 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	55.6	327.8	327.8	4271
4300 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	58.5	207	226.4	2462
4308 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	59.0	327.8	330.3	3765
4311 >E	Niagara 230kV East Voltage	SBK Marcy R3108	109.5	218.5	219.5	3767
4311 >E	Niagara 230kV West Voltage	SBK Marcy R3108	109.5	218.5	219.5	3767
4322 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	93.5	327.8	328.9	3774
4324 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	58.0	327.8	327.9	4256
4328 >E	Rainey 345kV Voltage	Volney-Marcy	57.0	327.8	327.1	4068
4330 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	58.3	327.8	327.8	4311
4334 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	59.0	327.8	330.4	3783
4342 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	68.1	327.8	341.3	2561
4346 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	95.7	327.8	328.9	3792
4368 >E	Farragut 345kV Voltage	Volney-Marcy	59.6	327.8	327.2	4102
4370 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	69.4	327.8	341.2	2541
4370 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	96.8	327.8	341.0	2485
4370 >E	Ladentown 345kV Voltage	Marcy South S.	59.3	327.8	327.8	3543
4415 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	100.0	327.8	341.1	2499
4453 >E	Niagara 345kV Voltage	SBK Marcy R3108	53.2	327.8	329.8	3866
4503 >E	Ramapo 345kV Voltage	Marcy South N.	70.1	327.8	320.5	3708
4505 >E	Rock Tavern 345kV Voltage	Marcy South S.	57.7	327.8	314.7	3559
4587 >E	Gardenville 230kV Voltage	SBK Edic R70	64.8	207	197.9	4834
4605 >E	Ladentown 345kV Voltage	Marcy South N.	71.5	327.8	321.4	3719
4637 >E	Bowline 1 345kV Voltage	Marcy South S.	65.5	327.8	325.4	3576
4645 >E	Gardenville 230kV Voltage	Ph2 DC 1500	70.4	207	224.6	4003
4654 >E	Bowline 2 345kV Voltage	Marcy South S.	65.1	327.8	325.6	3578
4680 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	82.0	327.8	339.5	2585
4692 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	67.8	327.8	327.8	2645
4693 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	67.9	327.8	327.8	2589
4694 >E	Leeds 345kV Voltage	SBK Edic R945	67.9	327.8	327.8	2682
4718 >E	Goethals 345kV Voltage	SBK Princetown 345	73.8	327.8	329.8	3557
4792 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	77.1	327.8	328.8	4673
4806 >E	Gardenville 230kV Voltage	Marcy South S.	76.7	207	219.4	3597

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 0M CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4811 >E	Goethals 345kV Voltage	SBK Edic R70	77.8	327.8	328.6	5084
4859 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	79.6	327.8	328.0	4781
4871 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	80.1	327.8	327.9	4849
4872 >E	Pannell Road 345kV Voltage	SBK Edic R70	200.1	327.8	290.5	5152
4892 >E	Goethals 345kV Voltage	Volney-Marcy	80.8	327.8	327.6	4557
4959 >E	Bowline 1 345kV Voltage	Marcy South N.	80.2	327.8	317.3	3757
4973 >E	Bowline 2 345kV Voltage	Marcy South N.	79.5	327.8	320.8	3758
5369 >E	Coopers Corners 345kV Voltage	Marcy South S.	65.9	327.8	199.0	3666
5994 >E	Gardenville 230kV Voltage	SBK Marcy R3108	120.0	207	210.9	4949
6193 >E	Northport 138kV Voltage	Pre-Fault	378.7	NA	135	6193
6820 >E	Northport 138kV Voltage	Ravenswood 3	319.5	131.1	133.3	6465
6832 >E	Rainey 345kV Voltage	Ph2 DC 1500	153.5	327.8	352.2	5068
6845 >E	Farragut 345kV Voltage	Ph2 DC 1500	157.1	327.8	351.7	5074
7280 >E	Watercure 230kV Voltage	Marcy South S.	174.7	207	248.9	3902
7343 >E	Rainey 345kV Voltage	Marcy South N.	172.2	327.8	329.1	4014
7426 >E	Farragut 345kV Voltage	Marcy South N.	178.9	327.8	329.1	4023
7475 >E	Northport 138kV Voltage	N.Scot-Leeds 345	363.6	131.1	131.6	7250
7499 >E	Northport 138kV Voltage	SBK Edic R70	365.4	131.1	131.6	8091
7521 >E	Northport 138kV Voltage	SBK Princetown 345	366.7	131.1	131.5	4952
7597 >E	Rainey 345kV Voltage	Marcy South S.	181.4	327.8	339.7	3941
7637 >E	Farragut 345kV Voltage	Marcy South S.	186.6	327.8	339.5	3946
7658 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	377.8	131.1	131.1	7524
7666 >E	Northport 138kV Voltage	Princetown-N.Scot 345	378.4	131.1	131.1	7629
7802 >E	Northport 138kV Voltage	Volney-Marcy	388.8	131.1	130.8	7085
7924 >E	Goethals 345kV Voltage	Ph2 DC 1500	201.0	327.8	352.3	5599
9003 >E	Goethals 345kV Voltage	Marcy South N.	242.4	327.8	329.0	4192
9145 >E	Rainey 345kV Voltage	SBK Edic R945	240.9	327.8	351.0	4209
9187 >E	Farragut 345kV Voltage	SBK Edic R945	247.3	327.8	350.5	4223
9256 >E	Goethals 345kV Voltage	Marcy South S.	251.8	327.8	340.3	4146
9301 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	246.8	327.8	350.9	4139
9348 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	253.6	327.8	350.4	4154
10563 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	293.9	327.8	350.3	4494
10601 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	301.3	327.8	349.8	4507
10664 >E	Rainey 345kV Voltage	SBK Marcy R3108	297.7	327.8	330.4	8231
10727 >E	Farragut 345kV Voltage	SBK Marcy R3108	306.1	327.8	330.4	8275

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 0M CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
11359 >E	Goethals 345kV Voltage	SBK Edic R945	334.8	327.8	351.5	4968
11604 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	344.4	327.8	351.5	4885
13238 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	407.5	327.8	351.1	5362
13950 >E	Goethals 345kV Voltage	SBK Marcy R3108	435.3	327.8	330.8	10539
16291 >E	Northport 138kV Voltage	Ph2 DC 1500	1063.7	131.1	145.1	9670
38375 >E	Watercure 230kV Voltage	SBK Marcy R3108	1461.8	207	364.6	27702
38803 >E	Northport 138kV Voltage	Marcy South S.	2838.9	131.1	136.8	7792
42466 >E	Northport 138kV Voltage	SBK Edic R945	3122.1	131.1	147.6	15638
43523 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	3205.3	131.1	147.7	15230
56419 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	4217.6	131.1	148.9	19375
58079 >E	Northport 138kV Voltage	SBK Marcy R3108	4353.0	131.1	133.1	41547
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 D1b Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
99998	Station 80 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

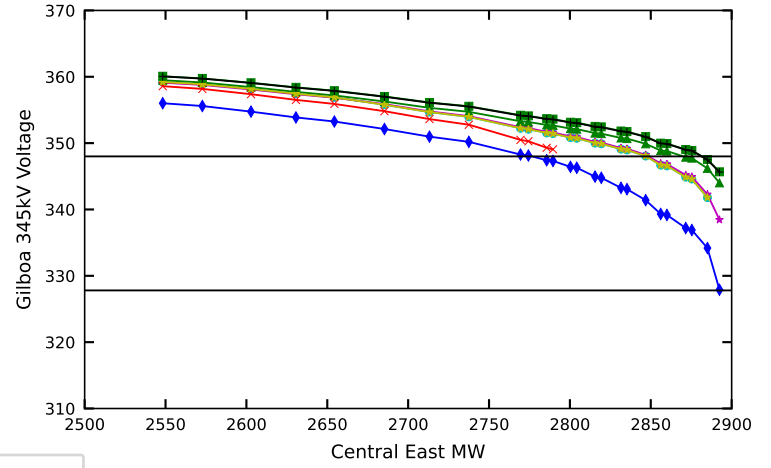
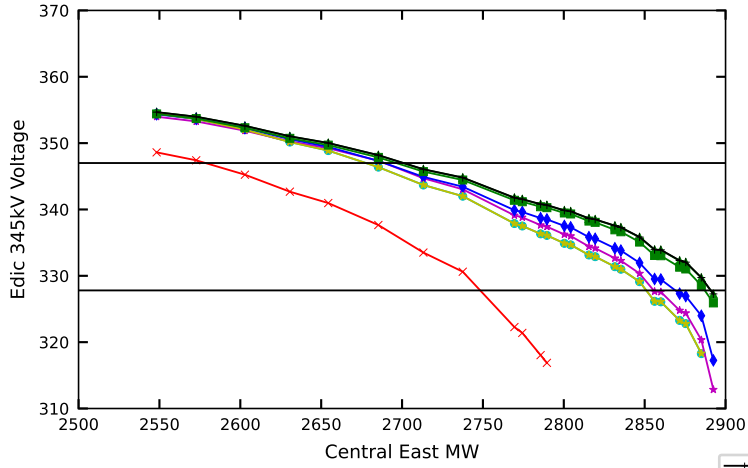
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1: 2023S CEVC PH2 CE2620 MS2270 DE1300 30 0M CAPS

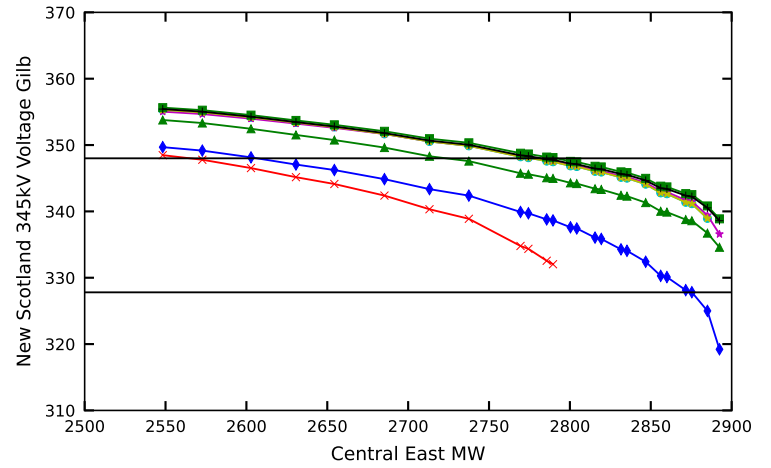
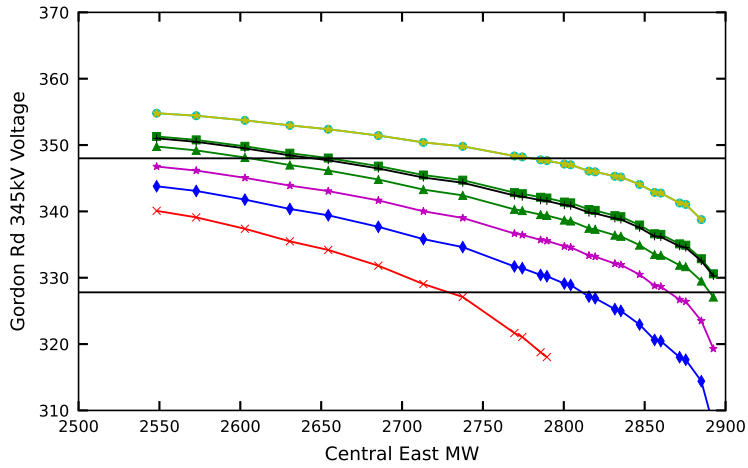
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				<-Post->	<-Pre->	
>E						
99998	Station 80 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	361-362 D1b Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	361-362 D1b Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

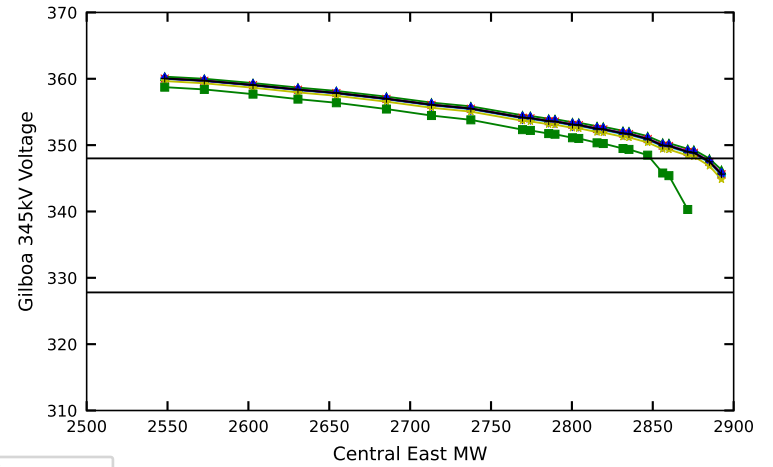
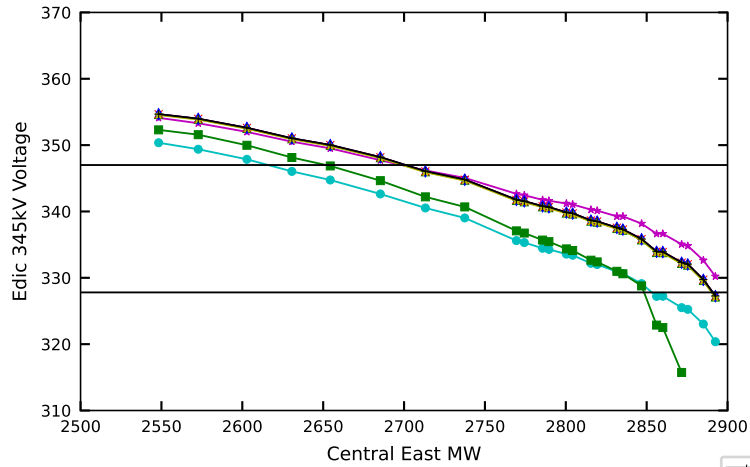
1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 0NS CAPS Figure 1



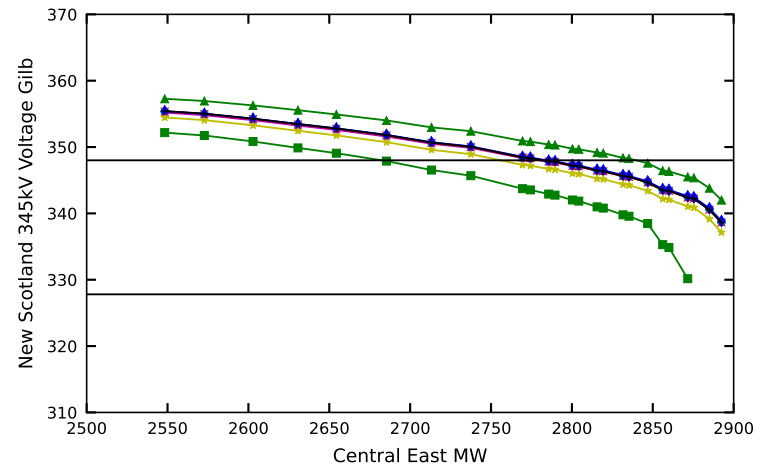
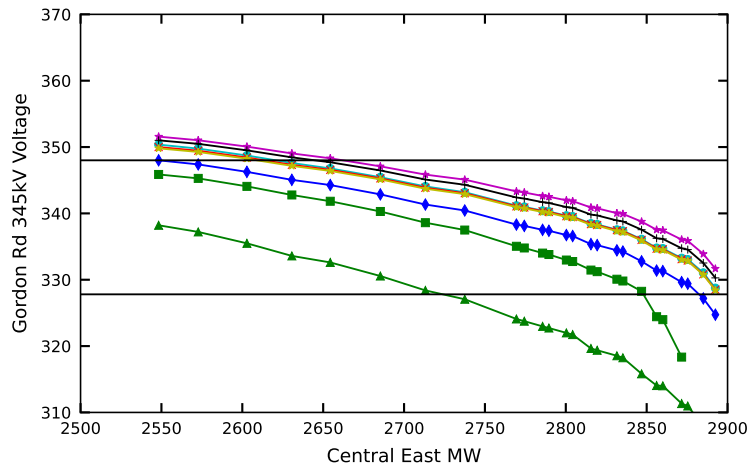
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



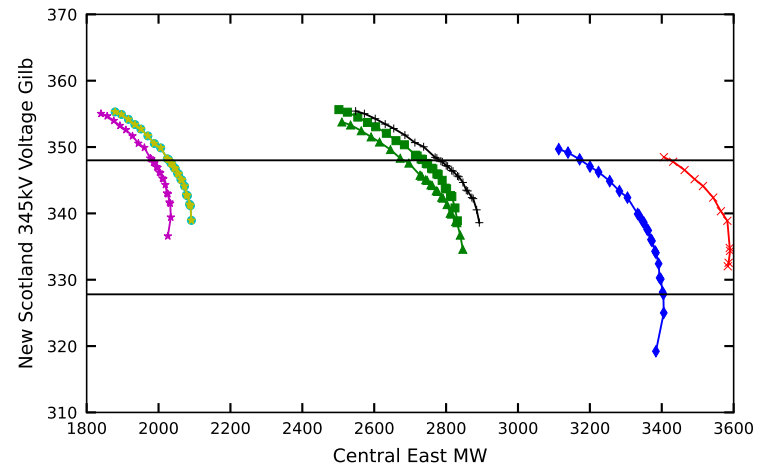
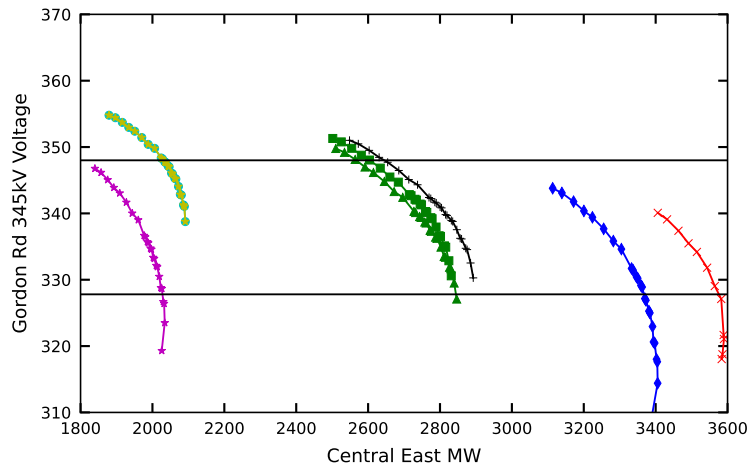
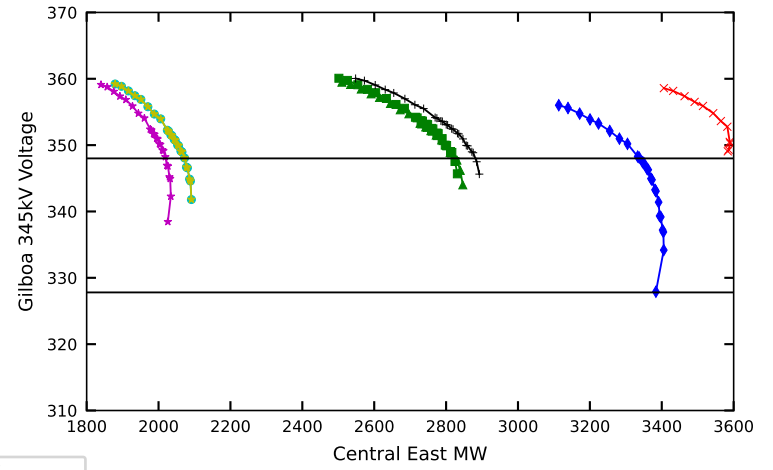
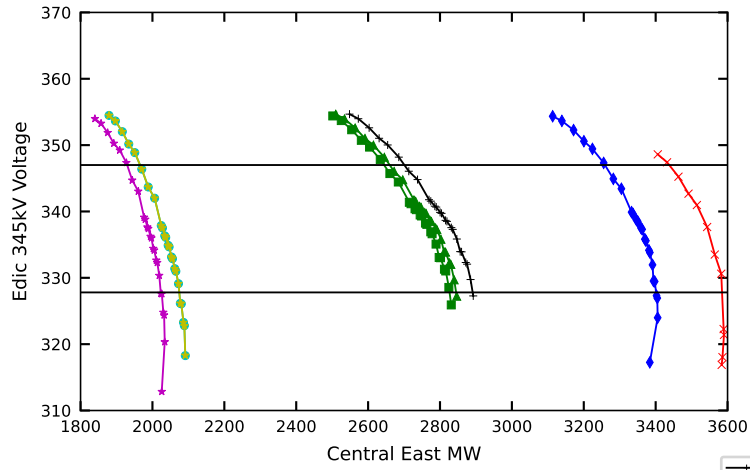
1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 0NS CAPS Figure 2



- Pre-Fault
- Ph2 DC 1500
- Ravenswood 3
- 361-362 Dlb Ckt Twr 345
- Princetown-N.Scot 345
- SBK Princetown 345
- SBK Edic R70
- SBK Marcy R3108

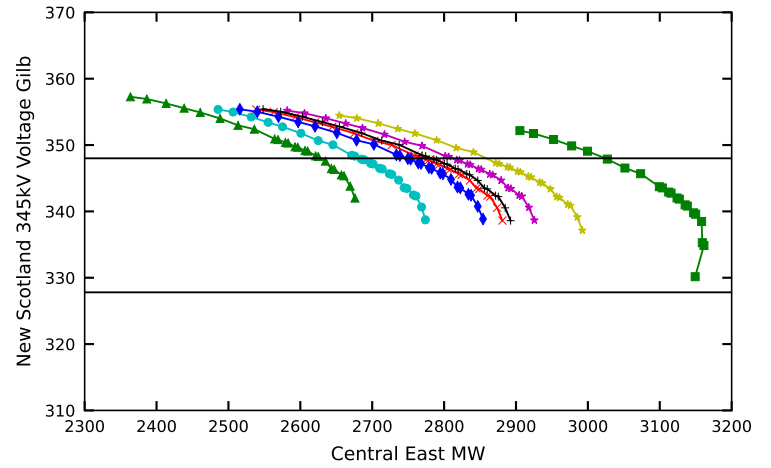
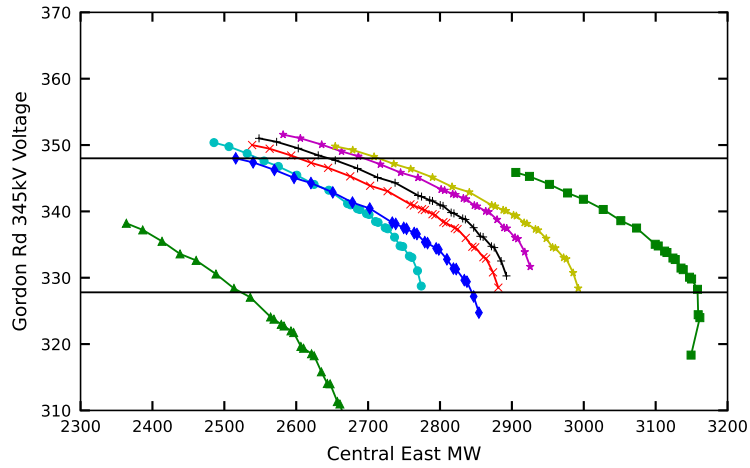
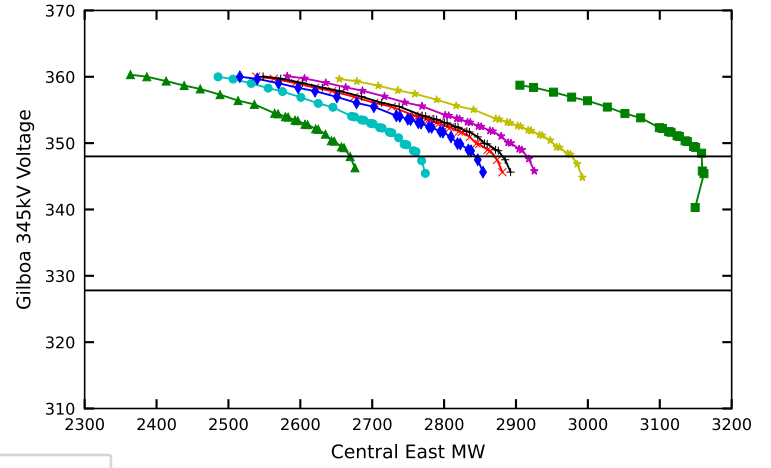
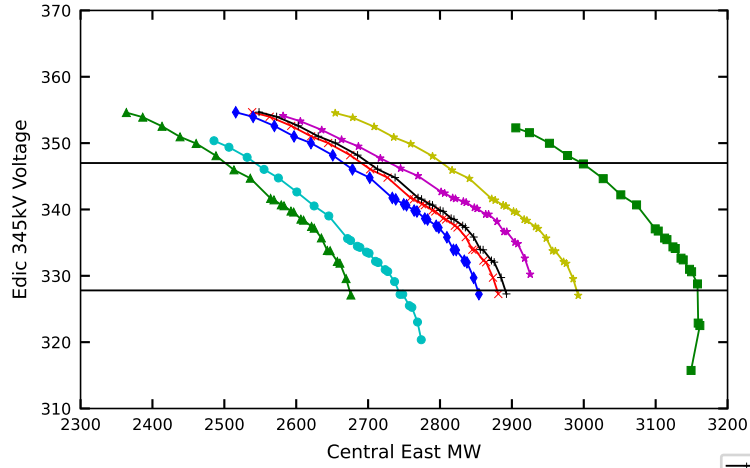


1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 0NS CAPS Figure 1



- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 0NS CAPS Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 3O ONS CAPS

Interface: Central East

Transfe	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
	MW	e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
2548	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2572	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2602	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2630	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2654	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2685	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2713	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2737	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2769	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2774	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2785	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2789	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2800	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2804	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2815	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2819	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2831	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2835	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2846	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2856	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2859	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2871	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2875	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	3															
2885	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	4															
2892	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-01-2023 15:42

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 3O ONS CAPS

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\ONS_CAPS\Sum2023_CEVC_PH2_3O_ONS_CAPS.xlsx

1: 2023S CEVC PH2 CE2610 MS2270 DE1300 3O ONS CAPS

Interface: Central East

Dlb Ckt																								
Twr 345																								
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ravens																								
wood 3																								
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
Ph2 DC																								
1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 ONS CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1383 >E	Dunwoodie 345kV Voltage	Pre-Fault	280.8	NA	348	1383
1466 >E	Sprain Brook 345kV Voltage	Pre-Fault	271.1	NA	348	1466
2635	limit with 5% margin	Marcy South N.	NA	NA	NA	3410
2644	Gordon Rd 345kV Voltage	Pre-Fault	32.1	NA	348	2644
2688	Marcy 345kV Voltage	Pre-Fault	13.0	NA	348	2688
2700	Edic 345kV Voltage	Pre-Fault	13.1	NA	347	2700
2706	Millwood 345kV Voltage	Pre-Fault	80.9	NA	348	2706
2716	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3003
2723	Gordon Rd 345kV Voltage	SBK Princetown 345	18.2	327.8	344.8	2523
2728	Gordon Rd 345kV Voltage	Marcy South N.	12.5	327.8	344.6	3575
2740	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1986
2740	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1932
2740	limit with 5% margin	Marcy South S.	NA	NA	NA	3235
2740	limit with 5% margin	SBK Edic R945	NA	NA	NA	1986
2747	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2704
2747	limit with 5% margin	Volney-Marcy	NA	NA	NA	2689
2747	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2635
2747	limit with 5% margin	SBK Edic R70	NA	NA	NA	2779
2747	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2542
2747	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2737
2747	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2711
2747	limit with 5% margin	Ravenswood 3	NA	NA	NA	2842
2748	Edic 345kV Voltage	Marcy South N.	3.8	327.8	343.8	3584
2749	Marcy 345kV Voltage	Marcy South N.	3.8	327.8	343.7	3584
2777 >E	Clay 345kV Voltage	Marcy South N.	6.8	327.8	347.0	3590
2782	New Scotland 345kV Voltage Alps	Pre-Fault	24.1	NA	348	2782
2782	New Scotland 345kV Voltage Gilb	Pre-Fault	24.1	NA	348	2782
2807 >E	Oakdale 345kV Voltage	Marcy South N.	8.4	320	346.4	3596
2811	Gordon Rd 345kV Voltage	Marcy South S.	6.5	327.8	340.2	3367
2819	Pannell Road 345kV Voltage	Pre-Fault	55.2	NA	346	2819
2820	Buchanan North 345kV Voltage	Pre-Fault	48.8	NA	346	2820
2823	Station 80 345kV Voltage	Pre-Fault	27.2	NA	346	2823
2824	Clay 345kV Voltage	Pre-Fault	22.5	NA	345	2824
2847	Gordon Rd 345kV Voltage	Ph2 DC 1500	2.4	327.8	337.4	3158
2847 >E	New Scotland 345kV Voltage Alps	Marcy South N.	11.2	327.8	346.5	3604
2847 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	11.2	327.8	346.5	3604
2848	Edic 345kV Voltage	Ph2 DC 1500	1.6	327.8	335.5	3158
2848	Marcy 345kV Voltage	Ph2 DC 1500	1.5	327.8	335.4	3158
2849	Marcy 345kV Voltage	SBK Edic R945	3.1	327.8	335.3	2073
2849	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.1	327.8	335.3	2073

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 ONS CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2850	Edic 345kV Voltage	SBK Edic R945	3.1	327.8	335.0	2074
2850	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.1	327.8	335.0	2074
2853	Edic 345kV Voltage	SBK Marcy R3108	4.8	327.8	334.5	2742
2855	Edic 345kV Voltage	Marcy-N.Scot99 345	3.4	327.8	334.1	2023
2862	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	333.4	2027
2865	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	335.5	2027
2866 >E	Pannell Road 345kV Voltage	Marcy South N.	12.8	327.8	346.4	3608
2868	Edic 345kV Voltage	Marcy South S.	5.4	327.8	332.7	3401
2870	Marcy 345kV Voltage	Marcy South S.	5.4	327.8	332.4	3401
2871	Pleasant Valley 345kV Voltage	Pre-Fault	26.4	NA	348	2871
2875	New Scotland 345kV Voltage Alps	Marcy South S.	3.4	327.8	342.2	3404
2875	New Scotland 345kV Voltage Gilb	Marcy South S.	3.4	327.8	342.2	3404
2879	Rock Tavern 345kV Voltage	Pre-Fault	11.2	NA	348	2879
2881	Gilboa 345kV Voltage	Pre-Fault	7.1	NA	348	2881
2882	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	4.3	327.8	333.1	2844
2882	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	339.8	2090
2882	Coopers Corners 345kV Voltage	SBK Edic R945	2.9	327.8	339.8	2090
2885 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	339.3	2034
2885	Oakdale 345kV Voltage	Pre-Fault	2.5	NA	335	2885
2886	Buchanan South 345kV Voltage	Pre-Fault	11.5	NA	346	2886
2887	Edic 345kV Voltage	Volney-Marcy	2.8	327.8	329.0	2826
2887	Fraser 345kV Voltage	Pre-Fault	2.9	NA	338	2887
2887 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.3	327.8	338.2	2092
2887 >E	Fraser 345kV Voltage	SBK Edic R945	2.3	327.8	338.2	2092
2887	Marcy 345kV Voltage	Volney-Marcy	2.8	327.8	328.7	2827
2889 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	338.1	2092
2889 >E	Clay 345kV Voltage	SBK Edic R945	2.7	327.8	338.1	2092
2890	Edic 345kV Voltage	Ravenswood 3	3.0	327.8	328.0	2990
2890	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.1	327.8	330.9	2844
2890 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	2.4	327.8	337.6	2035
2890	Edic 345kV Voltage	SBK Princetown 345	3.0	327.8	328.0	2674
2890	Marcy 345kV Voltage	Ravenswood 3	3.0	327.8	327.8	2990
2890	Marcy 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	327.8	2844
2890	Marcy 345kV Voltage	SBK Princetown 345	3.0	327.8	327.8	2674
2890	Marcy 345kV Voltage	Princetown-N.Scot 345	3.0	327.8	327.8	2879
2890	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.0	327.8	327.8	2852
2890	Marcy 345kV Voltage	SBK Marcy R3108	3.0	327.8	327.8	2772
2890	Marcy 345kV Voltage	SBK Edic R70	3.0	327.8	327.8	2923
2890	Coopers Corners 345kV Voltage	Pre-Fault	4.1	NA	338	2890

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 ONS CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2890 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.4	320	333.9	2092
2890	Edic 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	327.8	2844
2890	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.0	327.8	327.8	2852
2890	Edic 345kV Voltage	Princetown-N.Scot 345	3.0	327.8	327.8	2879
2890 >E	Oakdale 345kV Voltage	SBK Edic R945	2.4	320	333.9	2092
2894 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.6	320	333.1	2035
2894 >E	Gordon Rd 345kV Voltage	Ravenswood 3	3.2	327.8	329.7	2994
2894 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	337.1	2035
2894 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	3.2	327.8	329.6	2883
2895 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	3.2	327.8	329.4	2776
2896 >E	Ramapo 500kV Voltage	Ph2 DC 1500	22.4	500	506.8	3183
2899 >E	Edic 345kV Voltage	SBK Edic R70	3.1	327.8	324.8	2933
2901 >E	Gordon Rd 345kV Voltage	Volney-Marcy	3.3	327.8	327.5	2839
2904 >E	Clay 345kV Voltage	SBK Marcy R3108	3.6	327.8	334.1	2782
2905 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.4	327.8	326.4	2938
2907 >E	Gilboa 345kV Voltage	Marcy South S.	3.5	327.8	344.3	3407
2909 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.4	320	325.2	2785
2913 >E	Coopers Corners 345kV Voltage	Ravenswood 3	3.5	327.8	332.5	3012
2914 >E	Ramapo 345kV Voltage	Pre-Fault	11.9	NA	346	2914
2915 >E	Oakdale 345kV Voltage	Volney-Marcy	2.4	320	322.9	2851
2916 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	3.5	327.8	332.4	2869
2916 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	3.5	327.8	332.4	2869
2916 >E	Fraser 345kV Voltage	SBK Edic R70	2.9	327.8	327.8	2950
2916 >E	Fraser 345kV Voltage	SBK Princetown 345	2.9	327.8	327.8	2698
2916 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	327.8	327.8	2878
2916 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	2.9	327.8	327.8	2869
2916 >E	Fraser 345kV Voltage	Volney-Marcy	2.9	327.8	327.8	2853
2916 >E	Fraser 345kV Voltage	SBK Marcy R3108	2.9	327.8	327.8	2790
2916 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	2.9	327.8	327.8	2905
2916 >E	Fraser 345kV Voltage	Ravenswood 3	2.9	327.8	327.8	3015
2917 >E	Leeds 345kV Voltage	Pre-Fault	4.8	NA	345	2917
2917 >E	Clay 345kV Voltage	Volney-Marcy	3.7	327.8	330.7	2853
2917 >E	Clay 345kV Voltage	Marcy South S.	4.3	327.8	332.7	3409
2918 >E	Oakdale 345kV Voltage	Ravenswood 3	2.4	320	321.5	3017
2919 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.4	320	321.3	2700
2919 >E	Ramapo 500kV Voltage	Ravenswood 3	17.0	500	505.5	3018
2921 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.5	320	320.2	2882
2921 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.5	320	320.2	2874

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 ONS CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2922 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.5	320	320.1	2910
2922 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	337.4	2101
2922 >E	Pannell Road 345kV Voltage	SBK Edic R945	4.5	327.8	337.3	2101
2923 >E	Station 80 345kV Voltage	Marcy South N.	15.9	327.8	346.6	3619
2924 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	3.8	327.8	329.9	2704
2924 >E	Oakdale 345kV Voltage	SBK Edic R70	2.5	320	319.3	2957
2924 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	9.2	327.8	341.5	3200
2924 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	9.2	327.8	341.5	3200
2926 >E	Clay 345kV Voltage	Ravenswood 3	3.9	327.8	328.5	3024
2926 >E	Coopers Corners 345kV Voltage	SBK Edic R70	3.9	327.8	329.3	2960
2926 >E	Clay 345kV Voltage	SBK Princetown 345	3.9	327.8	328.3	2706
2927 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	3.7	327.8	329.6	3025
2927 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	3.7	327.8	329.6	3025
2928 >E	Ladentown 345kV Voltage	Pre-Fault	11.7	NA	346	2928
2928 >E	Clay 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	327.9	2880
2928 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.9	2889
2928 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	328.8	2880
2928 >E	Clay 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	2917
2930 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	322.9	2104
2931 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	328.2	2891
2931 >E	St.Lawrence 230kV Voltage	Pre-Fault	15.3	NA	225	2931
2931 >E	Gordon Rd 345kV Voltage	SBK Edic R945	4.2	327.8	322.8	2103
2931 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	4.9	327.8	336.2	2042
2932 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.9	2920
2933 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	340.7	2104
2933 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	4.3	327.8	332.0	2104
2933 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	4.3	327.8	332.0	2104
2933 >E	Gilboa 345kV Voltage	SBK Edic R945	3.5	327.8	340.6	2104
2933 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	4.4	327.8	332.0	2104
2933 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	4.4	327.8	332.0	2104
2933 >E	Clay 345kV Voltage	SBK Edic R70	4.0	327.8	326.5	2967
2933 >E	Fraser 345kV Voltage	Marcy South S.	4.5	327.8	327.8	3410
2934 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	3.9	327.8	327.8	2922
2934 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	3.9	327.8	327.8	2922
2934 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	3.9	327.8	327.7	2968
2934 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	3.9	327.8	327.7	2968
2934 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	3.9	327.8	327.7	2803
2934 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	3.9	327.8	327.7	2803
2934 >E	Coopers Corners 345kV Voltage	Volney-Marcy	4.1	327.8	327.3	2868

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 ONS CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2934 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	3.8	327.8	327.6	2868
2934 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	3.8	327.8	327.6	2868
2935 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	3.9	327.8	327.4	2896
2935 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	3.9	327.8	327.4	2896
2937 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	340.1	2043
2937 >E	Roseton 345kV Voltage	Pre-Fault	9.8	NA	345	2937
2938 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	4.6	327.8	331.1	2043
2938 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	4.6	327.8	331.1	2043
2940 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	337.0	2106
2940 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	5.0	327.8	331.7	2807
2940 >E	Leeds 345kV Voltage	Marcy South S.	4.3	327.8	344.5	3411
2941 >E	Station 80 345kV Voltage	SBK Edic R945	5.4	327.8	336.9	2106
2943 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	4.4	327.8	325.3	2809
2947 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	331.8	2899
2947 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	8.4	218.5	224.4	2108
2949 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.5	218.5	224.3	2108
2949 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	16.3	500	505.5	2109
2949 >E	Oakdale 345kV Voltage	Marcy South S.	4.4	320	320.6	3412
2950 >E	Ramapo 500kV Voltage	SBK Edic R945	16.5	500	505.5	2108
2951 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	335.9	2045
2951 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	4.2	327.8	323.3	2729
2951 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	4.2	327.8	323.3	2729
2951 >E	Pannell Road 345kV Voltage	Volney-Marcy	5.2	327.8	329.6	2883
2952 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	17.1	500	505.4	2046
2954 >E	Gilboa 345kV Voltage	Ravenswood 3	3.7	327.8	330.1	3051
2956 >E	Station 80 345kV Voltage	SBK Marcy R3108	5.7	327.8	331.0	2818
2956 >E	Pannell Road 345kV Voltage	Ravenswood 3	5.2	327.8	328.7	3053
2958 >E	Dunwoodie 345kV Voltage	Ravenswood 3	10.1	327.8	336.2	3055
2959 >E	Bowline 1 345kV Voltage	Pre-Fault	11.8	NA	345	2959
2959 >E	Pannell Road 345kV Voltage	SBK Princetown 345	5.3	327.8	328.2	2736
2959 >E	Sprain Brook 345kV Voltage	Ravenswood 3	10.1	327.8	336.3	3056
2960 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	327.9	2911
2960 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	5.4	327.8	327.9	2921
2961 >E	Gilboa 345kV Voltage	SBK Marcy R3108	3.9	327.8	328.5	2821
2961 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	5.4	327.8	327.8	2949
2963 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	4.0	327.8	327.9	2951
2963 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	4.0	327.8	327.8	2924

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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 ONS CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2963 >E	Bowline 2 345kV Voltage	Pre-Fault	11.7	NA	345	2963
2964 >E	Gilboa 345kV Voltage	Volney-Marcy	4.0	327.8	327.7	2894
2964 >E	Pannell Road 345kV Voltage	SBK Edic R70	5.4	327.8	327.1	2999
2966 >E	Gilboa 345kV Voltage	SBK Edic R70	4.1	327.8	327.2	3000
2966 >E	Station 80 345kV Voltage	Volney-Marcy	5.9	327.8	329.3	2897
2968 >E	Pannell Road 345kV Voltage	Marcy South S.	6.9	327.8	331.6	3414
2969 >E	Station 80 345kV Voltage	Ravenswood 3	5.9	327.8	328.8	3065
2973 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	10.4	218.5	222.3	2830
2973 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	5.9	327.8	339.6	2115
2973 >E	Gilboa 345kV Voltage	SBK Princetown 345	4.4	327.8	325.3	2749
2974 >E	Station 80 345kV Voltage	SBK Princetown 345	6.0	327.8	328.1	2749
2974 >E	Rock Tavern 345kV Voltage	SBK Edic R945	5.9	327.8	339.5	2115
2975 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	6.0	327.8	327.9	2935
2975 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	327.9	2925
2975 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	6.0	327.8	327.8	2963
2977 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	11.1	218.5	222.7	2050
2978 >E	Station 80 345kV Voltage	SBK Edic R70	6.1	327.8	327.3	3013
2978 >E	Rock Tavern 345kV Voltage	Ravenswood 3	5.9	327.8	335.6	3074
2979 >E	Millwood 345kV Voltage	Ravenswood 3	9.1	327.8	336.2	3074
2979 >E	Buchanan North 345kV Voltage	Ravenswood 3	9.2	327.8	336.1	3074
2980 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	6.1	327.8	339.0	2050
2983 >E	Fraser 345kV Voltage	Ph2 DC 1500	9.9	327.8	340.9	3235
2988 >E	Pleasant Valley 345kV Voltage	Marcy South S.	7.8	327.8	338.2	3416
2996 >E	Buchanan South 345kV Voltage	Ravenswood 3	9.0	327.8	336.4	3090
2996 >E	Station 80 345kV Voltage	Marcy South S.	8.4	327.8	331.1	3417
3000 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	4.8	327.8	327.8	2948
3000 >E	Leeds 345kV Voltage	Volney-Marcy	4.8	327.8	327.8	2927
3000 >E	Leeds 345kV Voltage	SBK Marcy R3108	4.8	327.8	327.8	2849
3000 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	4.8	327.8	327.8	2988
3000 >E	Leeds 345kV Voltage	Ravenswood 3	4.8	327.8	327.8	3094
3000 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	327.8	327.8	2959
3000 >E	Leeds 345kV Voltage	SBK Edic R70	4.8	327.8	327.8	3035
3000 >E	Leeds 345kV Voltage	SBK Princetown 345	4.8	327.8	327.8	2773
3006 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	7.6	327.8	332.7	3100
3009 >E	St.Lawrence 230kV Voltage	Volney-Marcy	13.8	218.5	219.8	2935
3012 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	14.2	327.8	340.8	3252
3016 >E	St.Lawrence 230kV Voltage	Marcy South N.	25.5	218.5	229.0	3638
3017 >E	St.Lawrence 230kV Voltage	Marcy South S.	14.7	218.5	220.4	3419
3020 >E	St.Lawrence 230kV Voltage	Ravenswood 3	14.8	218.5	219.2	3113

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 ONS CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3022 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	7.1	327.8	330.1	2793
3026 >E	Ramapo 500kV Voltage	SBK Princetown 345	21.2	500	501.1	2796
3026 >E	Rock Tavern 345kV Voltage	SBK Edic R70	7.3	327.8	329.5	3062
3028 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	7.4	327.8	329.4	2975
3028 >E	Ramapo 345kV Voltage	Ravenswood 3	9.0	327.8	336.4	3121
3028 >E	Gilboa 345kV Voltage	Ph2 DC 1500	9.6	327.8	347.0	3261
3029 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	10.2	327.8	334.8	2131
3029 >E	Buchanan North 345kV Voltage	SBK Edic R945	10.2	327.8	334.8	2130
3029 >E	Oakdale 345kV Voltage	Ph2 DC 1500	14.2	320	339.6	3262
3030 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	15.3	218.5	218.5	3018
3031 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	15.3	218.5	218.5	2989
3031 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	15.3	218.5	218.4	2978
3032 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	22.0	500	500.8	2979
3034 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	15.5	218.5	218.2	2803
3034 >E	Ladentown 345kV Voltage	Ravenswood 3	8.9	327.8	336.9	3127
3036 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	10.5	327.8	334.4	2060
3036 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	7.7	327.8	328.2	2995
3037 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	8.1	327.8	329.0	2984
3039 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	7.8	327.8	327.9	3027
3039 >E	Ramapo 500kV Voltage	SBK Edic R70	22.4	500	500.5	3075
3040 >E	St.Lawrence 230kV Voltage	SBK Edic R70	16.3	218.5	217.8	3076
3041 >E	Clay 345kV Voltage	Ph2 DC 1500	29.1	327.8	346.9	3269
3043 >E	Rock Tavern 345kV Voltage	Volney-Marcy	7.9	327.8	327.4	2965
3044 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	8.3	327.8	328.2	3080
3045 >E	Ramapo 500kV Voltage	Volney-Marcy	23.4	500	500.3	2966
3046 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	23.4	500	500.2	3005
3046 >E	Roseton 345kV Voltage	Ravenswood 3	8.3	327.8	333.9	3138
3047 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	8.4	327.8	327.8	3035
3048 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	8.4	327.8	327.7	3006
3049 >E	Somerset 345kV Voltage	Pre-Fault	12.1	NA	338	3049
3049 >E	Bowline 1 345kV Voltage	Ravenswood 3	9.0	327.8	337.3	3140
3050 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	12.1	327.8	331.8	2136
3050 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	23.8	500	500.1	3038
3050 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	8.5	327.8	327.5	2971
3050 >E	Ramapo 500kV Voltage	Marcy South S.	27.4	500	503.2	3423
3050 >E	Ramapo 500kV Voltage	SBK Marcy R3108	24.3	500	500.1	2884
3050 >E	Sprain Brook 345kV Voltage	SBK Edic R945	12.2	327.8	331.8	2135

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 ONS CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3051 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	12.3	327.8	331.7	2137
3052 >E	Ramapo 500kV Voltage	Pre-Fault	24.0	NA	500	3052
3052 >E	Dunwoodie 345kV Voltage	SBK Edic R945	12.4	327.8	331.7	2136
3052 >E	Bowline 2 345kV Voltage	Ravenswood 3	8.9	327.8	337.4	3143
3052 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	8.4	327.8	327.2	2820
3054 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	8.6	327.8	327.0	2887
3055 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	8.3	327.8	325.9	2887
3055 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	10.8	327.8	332.9	2138
3055 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	9.4	327.8	337.8	2138
3056 >E	Millwood 345kV Voltage	SBK Edic R945	10.8	327.8	332.8	2137
3057 >E	Ramapo 345kV Voltage	SBK Edic R945	9.5	327.8	337.7	2137
3057 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	12.5	327.8	331.3	2064
3059 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	12.6	327.8	328.6	3004
3059 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	12.7	327.8	331.2	2064
3060 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	12.6	327.8	328.6	3005
3062 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	334.4	2140
3062 >E	Dunwoodie 345kV Voltage	SBK Edic R70	12.7	327.8	328.3	3098
3063 >E	Buchanan South 345kV Voltage	SBK Edic R945	10.4	327.8	334.4	2138
3063 >E	Sprain Brook 345kV Voltage	SBK Edic R70	12.7	327.8	328.3	3099
3063 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	11.0	327.8	328.8	3009
3064 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	11.1	327.8	332.3	2065
3064 >E	Dunwoodie 345kV Voltage	Marcy South S.	13.5	327.8	330.9	3424
3064 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	9.8	327.8	337.2	2065
3065 >E	Sprain Brook 345kV Voltage	Marcy South S.	13.4	327.8	330.9	3424
3066 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	11.5	327.8	328.9	3011
3066 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	12.7	327.8	328.0	2833
3067 >E	Millwood 345kV Voltage	SBK Edic R70	11.1	327.8	328.5	3103
3067 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	12.7	327.8	328.0	2834
3068 >E	Buchanan North 345kV Voltage	SBK Princetown 345	11.4	327.8	328.7	2834
3068 >E	Buchanan North 345kV Voltage	SBK Edic R70	11.6	327.8	328.7	3105
3069 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	13.1	327.8	327.8	3027
3069 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	13.1	327.8	327.8	3056
3070 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	13.1	327.8	327.8	3028
3070 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	13.1	327.8	327.8	3058
3070 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	10.7	327.8	333.9	2066
3070 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	7.8	327.8	327.8	2142
3070 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	7.8	327.8	327.8	2066
3070 >E	Leeds 345kV Voltage	SBK Edic R945	7.8	327.8	327.8	2140
3071 >E	Millwood 345kV Voltage	Marcy South S.	12.0	327.8	331.8	3425

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 ONS CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3071 >E	Millwood 345kV Voltage	SBK Princetown 345	11.1	327.8	328.1	2837
3073 >E	Dunwoodie 345kV Voltage	Volney-Marcy	13.2	327.8	327.5	2992
3073 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	9.7	327.8	330.9	2143
3074 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	9.7	327.8	330.8	2141
3074 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	11.4	327.8	327.9	3032
3074 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	11.4	327.8	327.8	3062
3074 >E	Sprain Brook 345kV Voltage	Volney-Marcy	13.2	327.8	327.5	2993
3076 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	9.7	327.8	337.6	2144
3077 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	12.0	327.8	328.0	3035
3077 >E	Ladentown 345kV Voltage	SBK Edic R945	9.7	327.8	337.6	2142
3078 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	12.1	327.8	327.9	3066
3078 >E	Millwood 345kV Voltage	Volney-Marcy	11.5	327.8	327.5	2996
3081 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	9.9	327.8	330.2	2068
3082 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	13.7	327.8	326.9	2906
3082 >E	Buchanan North 345kV Voltage	Volney-Marcy	12.2	327.8	327.6	2999
3082 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	11.0	327.8	328.9	3027
3083 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	13.7	327.8	326.8	2907
3084 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	9.3	327.8	335.2	2146
3084 >E	Roseton 345kV Voltage	SBK Edic R945	9.4	327.8	335.1	2144
3085 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	10.0	327.8	337.0	2069
3085 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	33.0	218.5	228.2	3296
3086 >E	Buchanan South 345kV Voltage	SBK Edic R70	11.1	327.8	328.6	3123
3087 >E	Millwood 345kV Voltage	SBK Marcy R3108	11.9	327.8	326.7	2910
3088 >E	Buchanan South 345kV Voltage	SBK Princetown 345	11.0	327.8	328.4	2852
3092 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	9.7	327.8	338.4	2148
3092 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	9.6	327.8	334.6	2070
3093 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	12.7	327.8	326.7	2914
3093 >E	Bowline 1 345kV Voltage	SBK Edic R945	9.8	327.8	338.3	2147
3094 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	11.4	327.8	327.9	3051
3095 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	9.4	327.8	328.9	3039
3095 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	11.5	327.8	327.8	3082
3096 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	9.7	327.8	338.5	2149
3097 >E	Roseton 345kV Voltage	SBK Edic R70	9.5	327.8	328.7	3134
3098 >E	Bowline 2 345kV Voltage	SBK Edic R945	9.8	327.8	338.5	2148
3098 >E	Roseton 345kV Voltage	SBK Princetown 345	9.4	327.8	328.6	2861
3099 >E	Buchanan South 345kV Voltage	Volney-Marcy	11.6	327.8	327.5	3014
3102 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	10.1	327.8	337.7	2072
3104 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr	9.7	327.8	327.9	3062

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 ONS CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3105 >E	Watercure 230kV Voltage	Marcy South N.	20.9	207	228.8	3655
3105 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	9.8	327.8	327.9	3093
3106 >E	Roseton 345kV Voltage	Marcy South S.	10.4	327.8	333.5	3429
3107 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	10.1	327.8	337.9	2073
3108 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	10.5	327.8	340.2	2153
3109 >E	Roseton 345kV Voltage	Volney-Marcy	9.9	327.8	327.5	3023
3109 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	12.0	327.8	326.6	2925
3111 >E	Ramapo 345kV Voltage	SBK Princeton 345	11.0	327.8	329.4	2873
3112 >E	Somerset 345kV Voltage	SBK Edic R945	10.7	327.8	340.0	2152
3113 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	11.2	327.8	329.2	3056
3115 >E	Ramapo 345kV Voltage	SBK Edic R70	11.2	327.8	329.1	3152
3117 >E	Roseton 345kV Voltage	SBK Marcy R3108	10.1	327.8	326.6	2931
3119 >E	Buchanan South 345kV Voltage	Marcy South S.	12.8	327.8	330.6	3430
3124 >E	Ladentown 345kV Voltage	SBK Princeton 345	10.9	327.8	329.2	2885
3124 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	11.1	327.8	329.2	3067
3126 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	11.7	327.8	328.1	3083
3127 >E	Ladentown 345kV Voltage	SBK Edic R70	11.1	327.8	329.0	3164
3129 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	11.8	327.8	327.9	3116
3133 >E	Ramapo 345kV Voltage	Volney-Marcy	11.9	327.8	327.5	3045
3137 >E	Leeds 345kV Voltage	Ph2 DC 1500	11.8	327.8	349.3	3326
3138 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	11.6	327.8	328.1	3094
3140 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	11.7	327.8	327.9	3127
3141 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	11.8	327.8	338.5	2079
3142 >E	Bowline 1 345kV Voltage	SBK Princeton 345	11.0	327.8	329.4	2901
3143 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	11.1	327.8	329.3	3084
3144 >E	Ladentown 345kV Voltage	Volney-Marcy	11.8	327.8	327.5	3055
3144 >E	Somerset 345kV Voltage	SBK Marcy R3108	11.4	327.8	330.1	2950
3145 >E	Bowline 1 345kV Voltage	SBK Edic R70	11.2	327.8	329.1	3183
3146 >E	Bowline 2 345kV Voltage	SBK Princeton 345	10.9	327.8	329.4	2904
3146 >E	Buchanan North 345kV Voltage	Marcy South S.	14.7	327.8	327.5	3433
3146 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	11.0	327.8	329.3	3088
3149 >E	Bowline 2 345kV Voltage	SBK Edic R70	11.1	327.8	329.1	3186
3149 >E	Ramapo 345kV Voltage	SBK Marcy R3108	12.5	327.8	326.2	2953
3153 >E	Somerset 345kV Voltage	Ravenswood 3	11.6	327.8	329.4	3239
3157 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	11.6	327.8	328.1	3114
3159 >E	Somerset 345kV Voltage	Volney-Marcy	11.8	327.8	328.9	3068
3159 >E	Ladentown 345kV Voltage	SBK Marcy R3108	12.3	327.8	326.2	2960

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 ONS CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3160 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	11.7	327.8	327.9	3147
3161 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	11.5	327.8	328.1	3117
3163 >E	Ramapo 500kV Voltage	Marcy South N.	51.3	500	504.3	3667
3163 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	11.6	327.8	327.9	3150
3164 >E	Bowline 1 345kV Voltage	Volney-Marcy	11.8	327.8	327.5	3072
3168 >E	Bowline 2 345kV Voltage	Volney-Marcy	11.7	327.8	327.5	3075
3170 >E	Somerset 345kV Voltage	SBK Princetown 345	12.1	327.8	327.9	2926
3171 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	12.1	327.8	327.8	3127
3172 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	12.1	327.8	327.8	3112
3172 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	12.1	327.8	327.8	3159
3175 >E	Somerset 345kV Voltage	SBK Edic R70	12.2	327.8	327.6	3213
3180 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	12.4	327.8	326.1	2975
3181 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	14.4	207	233.2	2173
3184 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	12.3	327.8	326.1	2977
3191 >E	Watercure 230kV Voltage	SBK Edic R945	14.9	207	233.2	2173
3232 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	19.8	327.8	344.5	3383
3245 >E	Ladentown 345kV Voltage	Marcy South S.	15.0	327.8	327.0	3443
3249 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	17.3	207	233.4	2098
3250 >E	Rock Tavern 345kV Voltage	Marcy South S.	13.6	327.8	314.8	3444
3260 >E	Leeds 345kV Voltage	Marcy South N.	19.8	327.8	351.1	3686
3263 >E	Ramapo 345kV Voltage	Marcy South S.	16.0	327.8	324.8	3445
3274 >E	Bowline 1 345kV Voltage	Marcy South S.	15.2	327.8	327.0	3447
3276 >E	Gilboa 345kV Voltage	Marcy South N.	22.3	327.8	344.2	3690
3280 >E	Bowline 2 345kV Voltage	Marcy South S.	15.1	327.8	327.1	3447
3282 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	28.4	327.8	342.2	3413
3283 >E	Somerset 345kV Voltage	Marcy South S.	17.4	327.8	331.3	3447
3325 >E	Millwood 345kV Voltage	Ph2 DC 1500	28.4	327.8	343.1	3438
3338 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	24.6	327.8	346.5	3446
3344 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	34.1	327.8	341.1	3449
3346 >E	Somerset 345kV Voltage	Marcy South N.	28.5	327.8	351.7	3703
3347 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	34.5	327.8	341.0	3451
3350 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	27.7	327.8	344.4	3453
3361 >E	Coopers Corners 345kV Voltage	Marcy South S.	13.0	327.8	256.5	3456
3362 >E	Rainey 345kV Voltage	Ravenswood 3	24.7	327.8	342.8	3437
3392 >E	Farragut 345kV Voltage	Ravenswood 3	26.1	327.8	342.1	3466
3408 >E	Ramapo 345kV Voltage	Ph2 DC 1500	28.2	327.8	346.3	3488
3420 >E	Fraser 345kV Voltage	Marcy South N.	28.9	327.8	327.8	3718
3429 >E	Ladentown 345kV Voltage	Ph2 DC 1500	27.4	327.8	347.3	3500
3439 >E	Niagara 345kV Voltage	Pre-Fault	28.1	NA	338	3439

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 ONS CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3442 >E	Roseton 345kV Voltage	Ph2 DC 1500	26.1	327.8	347.9	3508
3471 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	27.4	327.8	348.7	3525
3483 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	27.3	327.8	349.1	3533
3535 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	22.6	327.8	344.2	2270
3548 >E	Niagara 345kV Voltage	SBK Edic R945	23.0	327.8	344.0	2268
3559 >E	Niagara 230kV East Voltage	Pre-Fault	80.4	NA	225	3559
3559 >E	Niagara 230kV West Voltage	Pre-Fault	80.4	NA	225	3559
3574 >E	Rainey 345kV Voltage	Pre-Fault	44.3	NA	338	3574
3583 >E	Farragut 345kV Voltage	Pre-Fault	46.3	NA	338	3583
3624 >E	Goethals 345kV Voltage	Ravenswood 3	35.3	327.8	341.4	3687
3645 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	26.3	327.8	342.0	2168
3651 >E	Niagara 345kV Voltage	Ravenswood 3	26.0	327.8	330.5	3712
3655 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	53.8	218.5	228.5	2303
3655 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	53.8	218.5	228.5	2303
3661 >E	Niagara 345kV Voltage	SBK Marcy R3108	26.2	327.8	330.1	3310
3673 >E	Niagara 230kV East Voltage	SBK Edic R945	55.0	218.5	228.4	2301
3673 >E	Niagara 230kV West Voltage	SBK Edic R945	55.0	218.5	228.4	2301
3684 >E	Pleasant Valley 345kV Voltage	Marcy South N.	44.9	327.8	345.9	3771
3699 >E	Niagara 345kV Voltage	Volney-Marcy	27.3	327.8	328.7	3547
3725 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	28.1	327.8	327.8	3669
3725 >E	Niagara 345kV Voltage	SBK Princetown 345	28.1	327.8	327.8	3426
3725 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	28.1	327.8	327.8	3709
3726 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	28.1	327.8	327.8	3638
3731 >E	Niagara 345kV Voltage	SBK Edic R70	28.3	327.8	327.6	3779
3753 >E	Watercure 230kV Voltage	Ph2 DC 1500	41.8	207	234.5	3693
3837 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	66.1	218.5	227.3	2202
3837 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	66.1	218.5	227.3	2202
3842 >E	Goethals 345kV Voltage	Pre-Fault	64.0	NA	338	3842
3869 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	38.4	327.8	334.2	2363
3873 >E	Rainey 345kV Voltage	SBK Edic R945	38.6	327.8	334.1	2355
3880 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	39.6	327.8	334.0	2365
3884 >E	Farragut 345kV Voltage	SBK Edic R945	39.8	327.8	333.9	2358
3886 >E	Niagara 230kV East Voltage	Ravenswood 3	68.2	218.5	220.9	3935
3886 >E	Niagara 230kV West Voltage	Ravenswood 3	68.2	218.5	220.9	3935
3891 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	39.2	327.8	333.8	2211
3900 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	40.3	327.8	333.6	2213
3944 >E	Niagara 230kV East Voltage	SBK Marcy R3108	71.8	218.5	220.2	3508
3944 >E	Niagara 230kV West Voltage	SBK Marcy R3108	71.8	218.5	220.2	3508
3974 >E	Rainey 345kV Voltage	SBK Princetown 345	42.1	327.8	329.0	3651
3974 >E	Rainey 345kV Voltage	Marcy South S.	42.6	327.8	332.1	3521

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 ONS CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3976 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	42.4	327.8	328.9	3876
3986 >E	Farragut 345kV Voltage	Marcy South S.	43.9	327.8	332.0	3522
3989 >E	Rainey 345kV Voltage	SBK Edic R70	42.9	327.8	328.6	4043
4001 >E	Farragut 345kV Voltage	SBK Princetown 345	44.0	327.8	329.0	3675
4005 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	44.4	327.8	328.9	3904
4019 >E	Farragut 345kV Voltage	SBK Edic R70	44.9	327.8	328.6	4073
4019 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	44.0	327.8	328.0	3957
4024 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	44.2	327.8	327.8	4005
4027 >E	Rainey 345kV Voltage	Volney-Marcy	44.2	327.8	327.8	3838
4039 >E	Niagara 230kV East Voltage	Volney-Marcy	77.8	218.5	219.0	3849
4039 >E	Niagara 230kV West Voltage	Volney-Marcy	77.8	218.5	219.0	3849
4049 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	46.0	327.8	328.0	3987
4053 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	46.2	327.8	327.9	4035
4056 >E	Farragut 345kV Voltage	Volney-Marcy	46.2	327.8	327.8	3864
4058 >E	Rainey 345kV Voltage	SBK Marcy R3108	45.3	327.8	327.1	3587
4080 >E	Niagara 230kV East Voltage	SBK Princetown 345	80.4	218.5	218.5	3746
4080 >E	Niagara 230kV West Voltage	SBK Princetown 345	80.4	218.5	218.5	3746
4080 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	80.3	218.5	218.5	4018
4080 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	80.3	218.5	218.5	4018
4081 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	80.4	218.5	218.5	4063
4081 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	80.4	218.5	218.5	4063
4082 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	80.4	218.5	218.5	3977
4082 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	80.4	218.5	218.5	3977
4087 >E	Farragut 345kV Voltage	SBK Marcy R3108	47.3	327.8	327.1	3607
4091 >E	Niagara 230kV East Voltage	SBK Edic R70	81.1	218.5	218.4	4147
4091 >E	Niagara 230kV West Voltage	SBK Edic R70	81.1	218.5	218.4	4147
4138 >E	Niagara 345kV Voltage	Marcy South S.	42.3	327.8	331.7	3538
4198 >E	Niagara 230kV East Voltage	Marcy South N.	102.4	218.5	232.7	3873
4198 >E	Niagara 230kV West Voltage	Marcy South N.	102.4	218.5	232.7	3873
4227 >E	Niagara 345kV Voltage	Marcy South N.	52.9	327.8	355.5	3879
4242 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	54.2	327.8	333.7	2465
4248 >E	Goethals 345kV Voltage	SBK Edic R945	54.4	327.8	333.7	2455
4255 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	54.6	327.8	333.6	2275
4394 >E	Goethals 345kV Voltage	SBK Princetown 345	59.8	327.8	329.4	4029
4402 >E	Goethals 345kV Voltage	Marcy South S.	60.7	327.8	331.5	3567
4421 >E	Coopers Corners 345kV Voltage	Marcy South N.	55.0	327.8	310.9	3918
4434 >E	Roseton 345kV Voltage	Marcy South N.	65.1	327.8	345.2	3920

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 ONS CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4435 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	61.7	327.8	328.8	4312
4449 >E	Goethals 345kV Voltage	SBK Edic R70	62.2	327.8	328.5	4511
4478 >E	Goethals 345kV Voltage	Volney-Marcy	63.2	327.8	328.1	4238
4484 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	63.5	327.8	328.0	4413
4492 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	63.9	327.8	327.9	4471
4501 >E	Goethals 345kV Voltage	SBK Marcy R3108	64.0	327.8	327.7	3897
4521 >E	Millwood 345kV Voltage	Marcy South N.	90.4	327.8	341.5	3938
4586 >E	Buchanan North 345kV Voltage	Marcy South N.	91.8	327.8	337.4	3950
4624 >E	Gardenville 230kV Voltage	Marcy South N.	76.3	207	232.5	3958
4668 >E	Sprain Brook 345kV Voltage	Marcy South N.	112.4	327.8	340.0	3967
4673 >E	Dunwoodie 345kV Voltage	Marcy South N.	113.6	327.8	340.1	3968
4751 >E	Buchanan South 345kV Voltage	Marcy South N.	92.2	327.8	340.9	3983
4836 >E	Niagara 230kV East Voltage	Marcy South S.	132.5	218.5	220.9	3613
4836 >E	Niagara 230kV West Voltage	Marcy South S.	132.5	218.5	220.9	3613
5042 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	82.0	207	241.6	2686
5079 >E	Rock Tavern 345kV Voltage	Marcy South N.	84.1	327.8	334.1	4049
5152 >E	Gardenville 230kV Voltage	SBK Edic R945	86.1	207	242.0	2697
5191 >E	Ramapo 345kV Voltage	Marcy South N.	97.2	327.8	338.1	4071
5428 >E	Ladentown 345kV Voltage	Marcy South N.	103.0	327.8	338.6	4118
5510 >E	Rainey 345kV Voltage	Ph2 DC 1500	103.0	327.8	350.9	4740
5539 >E	Farragut 345kV Voltage	Ph2 DC 1500	106.2	327.8	350.4	4757
5620 >E	Northport 138kV Voltage	Pre-Fault	310.4	NA	135	5620
5848 >E	Northport 138kV Voltage	Ravenswood 3	238.7	131.1	134.3	5797
5886 >E	Bowline 1 345kV Voltage	Marcy South N.	113.6	327.8	337.9	4209
5919 >E	Bowline 2 345kV Voltage	Marcy South N.	113.1	327.8	338.2	4216
6018 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	118.4	207	244.8	2586
6419 >E	Goethals 345kV Voltage	Ph2 DC 1500	141.8	327.8	350.7	5282
6450 >E	Gardenville 230kV Voltage	Pre-Fault	203.0	NA	217	6450
6683 >E	Northport 138kV Voltage	N.Scot-Leeds 345	299.0	131.1	131.6	6449
6709 >E	Gardenville 230kV Voltage	Ravenswood 3	139.6	207	215.7	6614
6719 >E	Northport 138kV Voltage	SBK Princetown 345	301.4	131.1	131.5	6124
6719 >E	Northport 138kV Voltage	SBK Edic R70	301.8	131.1	131.5	6824
6813 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	309.0	131.1	131.2	6695
6825 >E	Northport 138kV Voltage	Princetown-N.Scot 345	310.0	131.1	131.1	6790
6856 >E	Northport 138kV Voltage	Volney-Marcy	312.2	131.1	131.0	6349
6922 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	317.9	131.1	133.9	3205
6935 >E	Northport 138kV Voltage	SBK Edic R945	318.9	131.1	133.9	3173
6968 >E	Northport 138kV Voltage	SBK Marcy R3108	320.8	131.1	130.7	5618
6975 >E	Gardenville 230kV Voltage	SBK Marcy R3108	150.5	207	214.4	5623

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 ONS CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7030 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	326.1	131.1	133.6	2765
7168 >E	Northport 138kV Voltage	Marcy South S.	338.0	131.1	133.3	3861
7770 >E	Gardenville 230kV Voltage	Volney-Marcy	178.5	207	210.5	7160
8315 >E	Gardenville 230kV Voltage	SBK Princetown 345	198.1	207	207.8	7562
8414 >E	Gardenville 230kV Voltage	361-362 D1b Ckt Twr 345	200.8	207	207.3	8263
8415 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	200.9	207	207.3	8096
8462 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	202.4	207	207.1	8416
8599 >E	Gardenville 230kV Voltage	SBK Edic R70	207.2	207	206.4	8739
11988 >E	Rainey 345kV Voltage	Marcy South N.	346.3	327.8	347.8	5424
12068 >E	Farragut 345kV Voltage	Marcy South N.	356.4	327.8	347.5	5440
12223 >E	Northport 138kV Voltage	Ph2 DC 1500	737.3	131.1	143.9	8739
15424 >E	Goethals 345kV Voltage	Marcy South N.	491.2	327.8	348.4	6109
71665 >E	Northport 138kV Voltage	Marcy South N.	5412.0	131.1	145.3	17309
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Niagara 230kV East Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

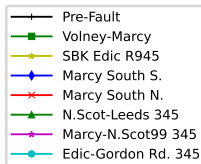
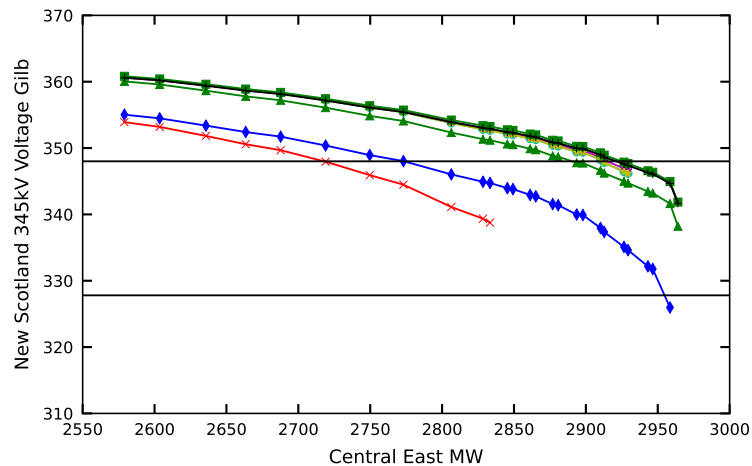
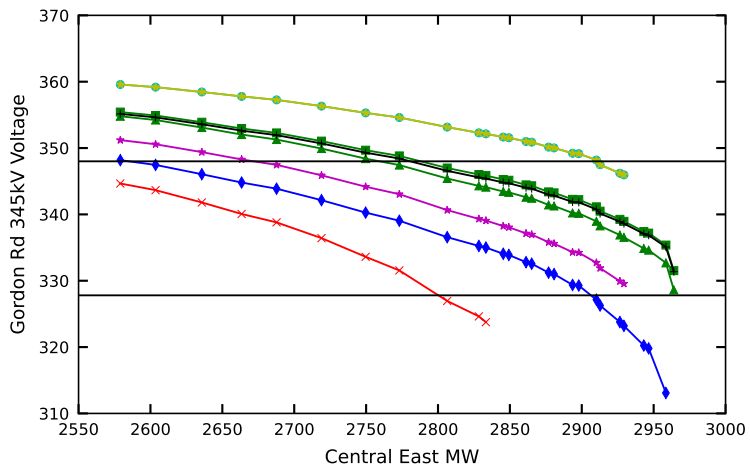
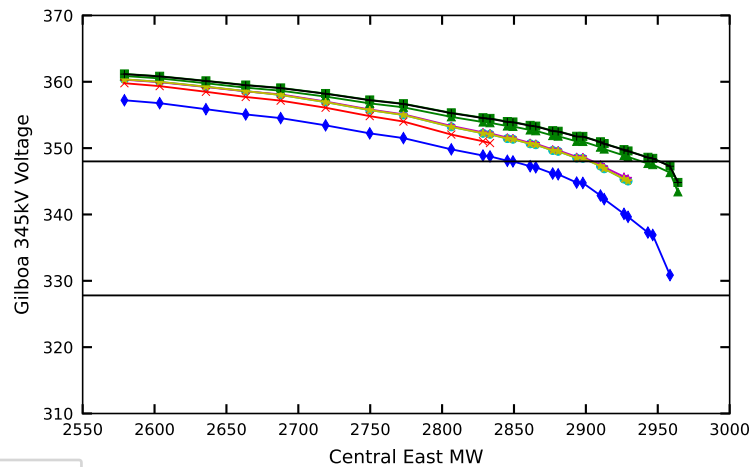
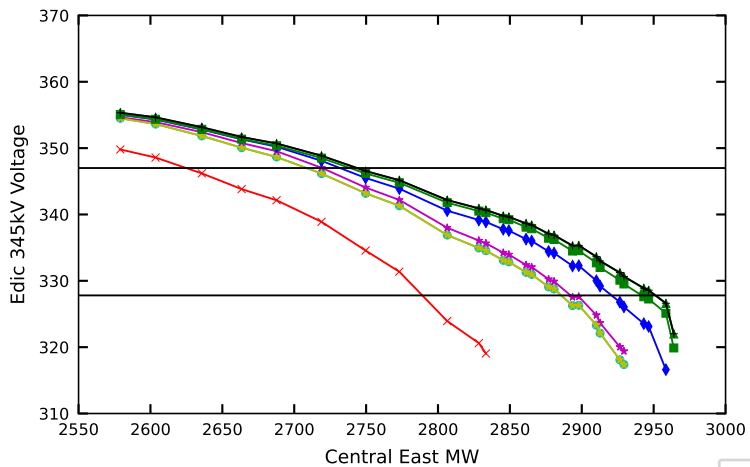
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1: 2023S CEVC PH2 CE2610 MS2270 DE1300 30 ONS CAPS

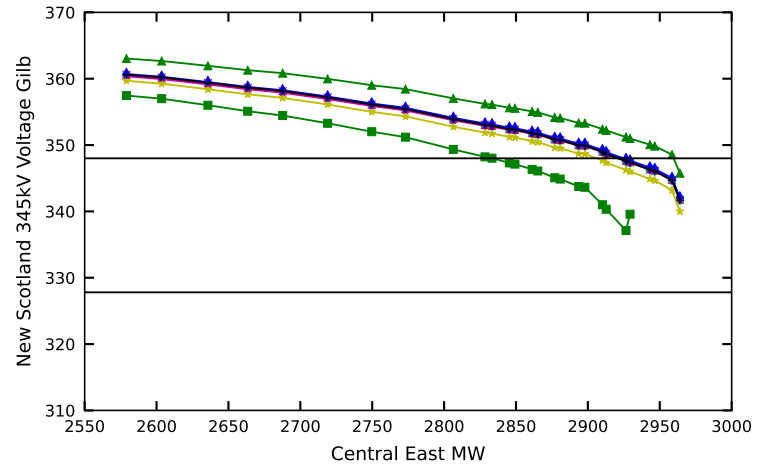
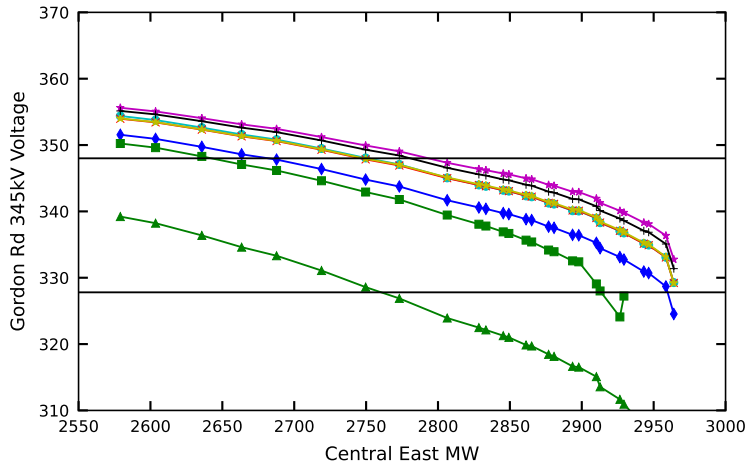
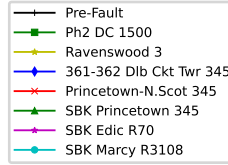
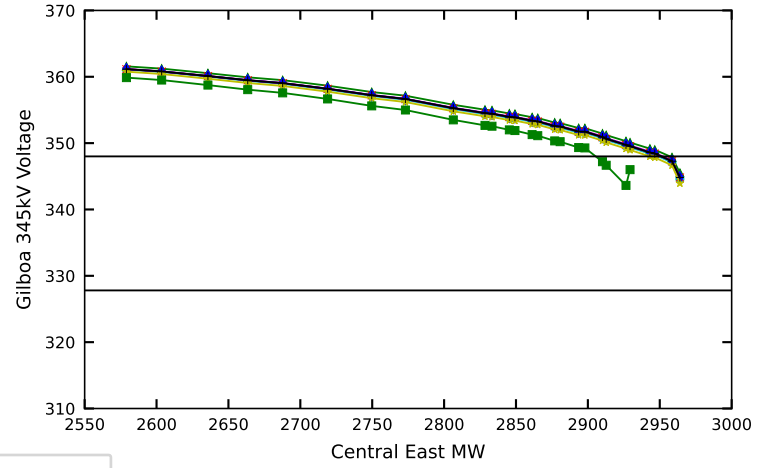
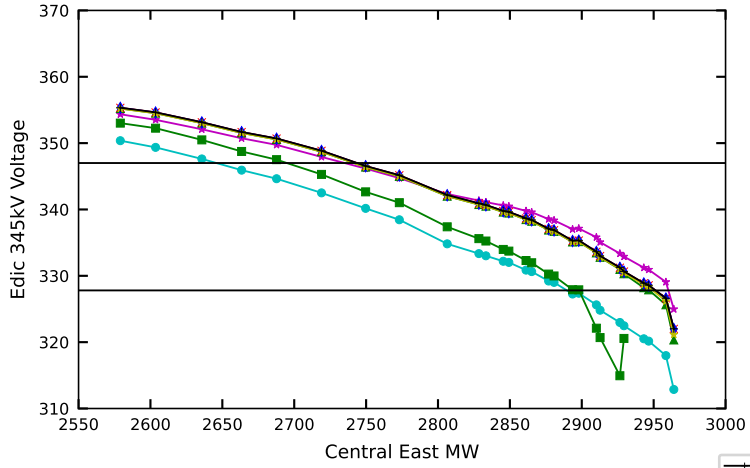
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 D1b Ckt Twr 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

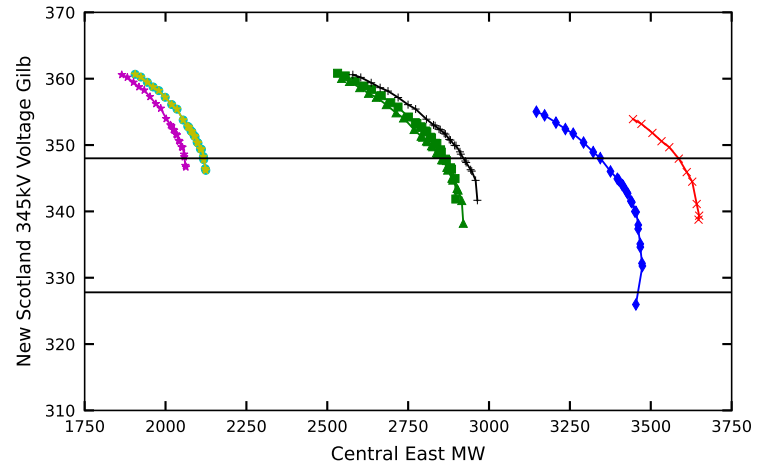
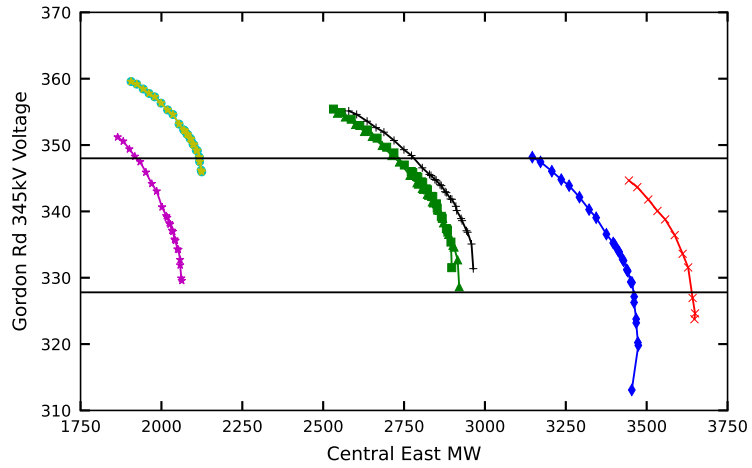
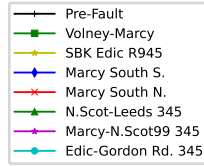
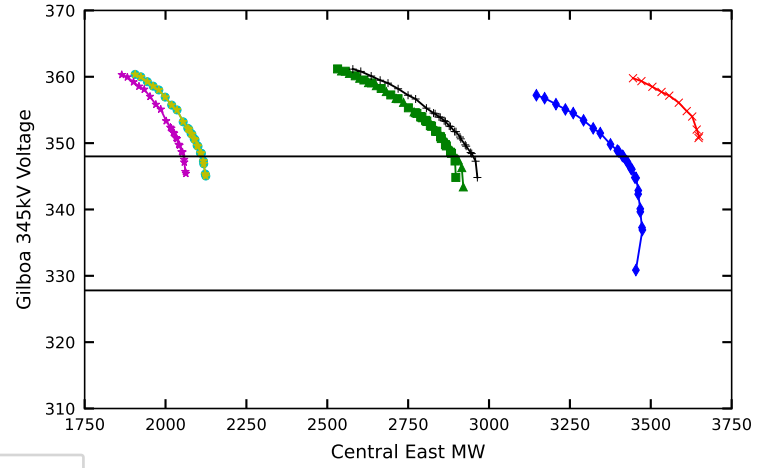
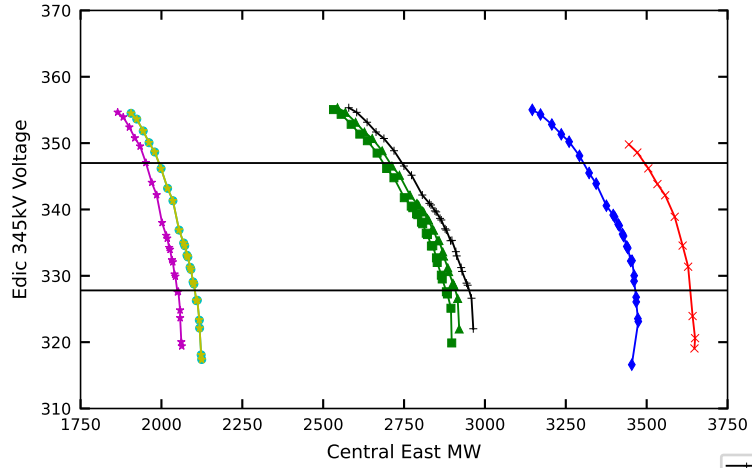
1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP Figure 1



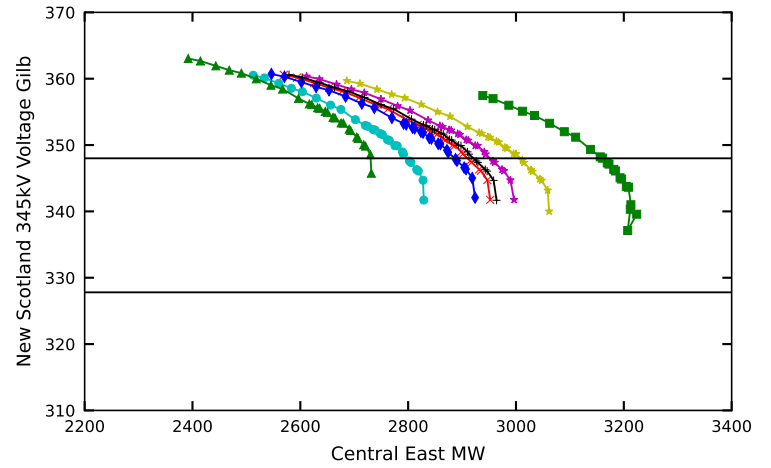
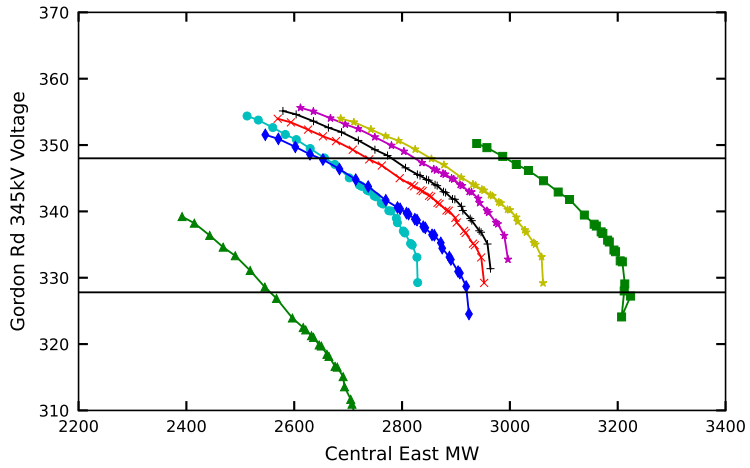
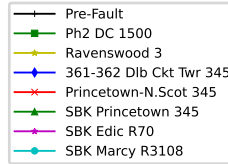
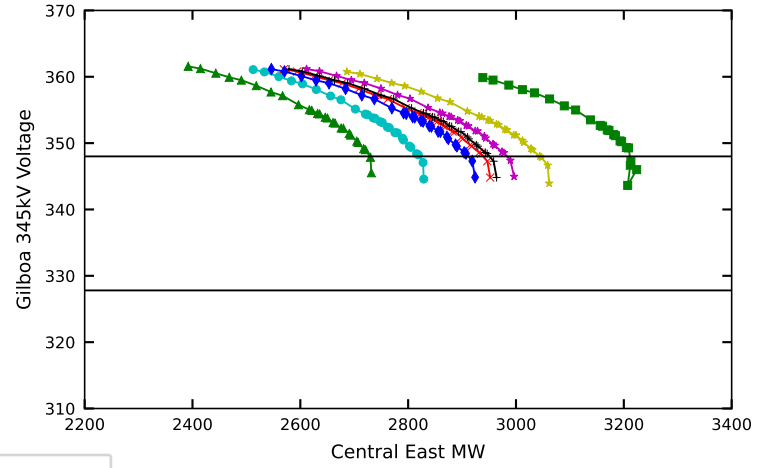
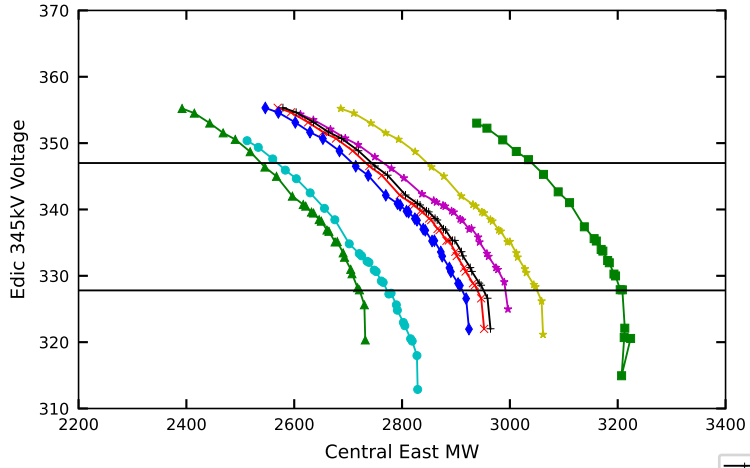
1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP Figure 2



1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP Figure 1



1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP Figure 2



Voltage Contingency Analysis Procedure (VCAP)

03-02-2023 09:09

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\0O_CAP\Sum2023_CEVC_PH2_3O_0O_CAP.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1300 3O 0O CAP

Interface: Central East

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-

E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\00_CAP\Sum2023_CEVC_Ph2_3O_00_CAP.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1300 3O 00 CAP

Interface: Central East

Princet
own-
N.Scot
345

ce32)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
361-																												
362																												
Dlb Ckt																												
Twr																												
345																												

log09)
Ravens
wood
3

log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ph2 DC																													
1500																													

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2488 <E	Dunwoodie 345kV Voltage	Pre-Fault	109.4	NA	348	2488
2500 <E	Sprain Brook 345kV Voltage	Pre-Fault	109.6	NA	348	2500
2687	limit with 5% margin	Marcy South N.	NA	NA	NA	3467
2730	Marcy 345kV Voltage	Pre-Fault	13.2	NA	348	2730
2743	Edic 345kV Voltage	Pre-Fault	13.3	NA	347	2743
2760	Gordon Rd 345kV Voltage	SBK Princetown 345	13.8	327.8	348.9	2555
2764	limit with 5% margin	Marcy South S.	NA	NA	NA	3288
2764	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3052
2780	Gordon Rd 345kV Voltage	Pre-Fault	18.0	NA	348	2780
2782	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2018
2782	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1959
2782	limit with 5% margin	SBK Edic R945	NA	NA	NA	2018
2789	Edic 345kV Voltage	Marcy South N.	4.5	327.8	343.7	3634
2790	Marcy 345kV Voltage	Marcy South N.	4.5	327.8	343.6	3635
2793	Oakdale 345kV Voltage	Marcy South N.	5.3	320	341.0	3636
2800	Gordon Rd 345kV Voltage	Marcy South N.	7.2	327.8	346.9	3639
2802	Millwood 345kV Voltage	Pre-Fault	40.4	NA	348	2802
2815	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2774
2815	limit with 5% margin	Volney-Marcy	NA	NA	NA	2752
2815	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2687
2815	limit with 5% margin	SBK Edic R70	NA	NA	NA	2846
2815	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2595
2815	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2804
2815	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2777
2815	limit with 5% margin	Ravenswood 3	NA	NA	NA	2908
2820	Clay 345kV Voltage	Marcy South N.	8.8	327.8	346.1	3646
2843	Pannell Road 345kV Voltage	Pre-Fault	41.3	NA	346	2843
2852	Clay 345kV Voltage	Pre-Fault	18.9	NA	345	2852
2852	Station 80 345kV Voltage	Pre-Fault	24.5	NA	346	2852
2870	Oakdale 345kV Voltage	Pre-Fault	7.9	NA	335	2870
2883	Marcy 345kV Voltage	SBK Edic R945	5.1	327.8	336.5	2101
2883	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.1	327.8	336.5	2101
2885	Edic 345kV Voltage	SBK Edic R945	5.1	327.8	336.3	2103
2885	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.1	327.8	336.3	2103
2886	Buchanan North 345kV Voltage	Pre-Fault	40.6	NA	346	2886
2889	Edic 345kV Voltage	SBK Marcy R3108	7.4	327.8	335.8	2772
2892	Edic 345kV Voltage	Marcy-N.Scot99 345	5.4	327.8	335.5	2048
2898	Edic 345kV Voltage	Ph2 DC 1500	2.1	327.8	335.3	3208
2898	Marcy 345kV Voltage	Ph2 DC 1500	2.1	327.8	335.2	3208
2900	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	334.9	2053

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2906	Gordon Rd 345kV Voltage	Marcy South S.	5.8	327.8	341.1	3459
2909	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	4.6	320	330.9	2116
2909	Oakdale 345kV Voltage	SBK Edic R945	4.6	320	330.9	2116
2911	Oakdale 345kV Voltage	Marcy-N.Scot99 345	1.9	320	330.4	2057
2914 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	3.7	327.8	340.4	3214
2919 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.0	320	329.5	3216
2921	New Scotland 345kV Voltage Alps	Pre-Fault	13.3	NA	348	2921
2921	New Scotland 345kV Voltage Gilb	Pre-Fault	13.3	NA	348	2921
2922 >E	Edic 345kV Voltage	Marcy South S.	5.4	327.8	332.0	3467
2923 >E	Marcy 345kV Voltage	Marcy South S.	5.4	327.8	331.7	3468
2925 >E	Clay 345kV Voltage	Ph2 DC 1500	3.1	327.8	339.5	3218
2928	Clay 345kV Voltage	SBK Edic R945	4.5	327.8	338.6	2124
2928	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.8	327.8	338.6	2124
2930 >E	Coopers Corners 345kV Voltage	SBK Edic R945	6.8	327.8	340.2	2125
2930 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	7.0	327.8	340.2	2125
2930	Fraser 345kV Voltage	Pre-Fault	7.7	NA	338	2930
2930 >E	Fraser 345kV Voltage	SBK Edic R945	4.5	327.8	338.0	2125
2930 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.7	327.8	337.9	2125
2933 >E	Pannell Road 345kV Voltage	Marcy South N.	16.2	327.8	344.6	3685
2936 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.0	327.8	337.2	2066
2936 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	339.7	2066
2937 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	5.4	327.8	337.2	2067
2941	Edic 345kV Voltage	Volney-Marcy	7.2	327.8	329.1	2879
2942 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	337.2	2069
2943 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	5.0	218.5	227.1	3225
2944	Rock Tavern 345kV Voltage	Pre-Fault	20.9	NA	348	2944
2944	Marcy 345kV Voltage	Volney-Marcy	10.0	327.8	328.7	2882
2945 >E	Fraser 345kV Voltage	Ph2 DC 1500	3.3	327.8	336.4	3226
2946	Edic 345kV Voltage	SBK Princetown 345	5.3	327.8	328.5	2721
2947	Marcy 345kV Voltage	SBK Princetown 345	5.3	327.8	328.3	2721
2947	Oakdale 345kV Voltage	SBK Marcy R3108	6.5	320	325.4	2819
2949	Edic 345kV Voltage	Ravenswood 3	5.6	327.8	328.1	3050
2950	Marcy 345kV Voltage	Ravenswood 3	5.6	327.8	327.9	3050
2950	Marcy 345kV Voltage	SBK Marcy R3108	6.1	327.8	327.8	2821
2950	Marcy 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	327.8	2939
2950	Marcy 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	327.8	2908
2950	Marcy 345kV Voltage	SBK Edic R70	6.1	327.8	327.8	2981
2950	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	327.8	2911
2950	Gilboa 345kV Voltage	Pre-Fault	10.4	NA	348	2950
2950	Edic 345kV Voltage	361-362 Dlb Ckt Twr	6.1	327.8	327.9	2911

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2951	Edic 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	327.8	2908
2951	Edic 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	327.8	2939
2952	Coopers Corners 345kV Voltage	Pre-Fault	8.2	NA	338	2952
2957 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	4.4	327.8	338.1	3230
2957	Pleasant Valley 345kV Voltage	Pre-Fault	17.0	NA	348	2957
2959	Clay 345kV Voltage	SBK Marcy R3108	1.2	327.8	335.3	2827
2959	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	1.3	327.8	334.3	2919
2959	Buchanan South 345kV Voltage	Pre-Fault	3.8	NA	346	2959
2960	Oakdale 345kV Voltage	Volney-Marcy	1.6	320	322.9	2895
2960	Edic 345kV Voltage	SBK Edic R70	1.3	327.8	325.2	2991
2962	Oakdale 345kV Voltage	Ravenswood 3	1.6	320	321.7	3060
2962	Oakdale 345kV Voltage	SBK Princetown 345	1.5	320	321.7	2731
2964 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	1.7	320	320.2	2924
2964 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	1.7	320	320.2	2921
2964 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	1.7	320	320.1	2953
2965 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	1.4	327.8	330.6	2921
2965 >E	Clay 345kV Voltage	Volney-Marcy	1.3	327.8	331.2	2897
2965 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	5.4	327.8	340.2	3233
2965 >E	Gordon Rd 345kV Voltage	Ravenswood 3	1.4	327.8	330.1	3062
2966 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	1.4	327.8	330.0	2954
2966 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	1.4	327.8	329.9	2829
2966 >E	Oakdale 345kV Voltage	SBK Edic R70	1.8	320	319.3	2999
2966 >E	St.Lawrence 230kV Voltage	Pre-Fault	3.3	NA	225	2966
2966 >E	Ramapo 345kV Voltage	Pre-Fault	3.4	NA	346	2966
2967 >E	Coopers Corners 345kV Voltage	Ravenswood 3	1.5	327.8	331.9	3062
2967 >E	Clay 345kV Voltage	SBK Princetown 345	1.3	327.8	329.6	2732
2967 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	1.5	327.8	327.8	2923
2967 >E	Fraser 345kV Voltage	SBK Marcy R3108	1.5	327.8	327.8	2829
2967 >E	Fraser 345kV Voltage	SBK Edic R70	1.5	327.8	327.8	3001
2967 >E	Fraser 345kV Voltage	SBK Princetown 345	1.5	327.8	327.8	2732
2967 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	1.5	327.8	327.8	2955
2967 >E	Fraser 345kV Voltage	Volney-Marcy	1.5	327.8	327.8	2899
2967 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	1.5	327.8	327.8	2927
2967 >E	Fraser 345kV Voltage	Ravenswood 3	1.5	327.8	327.8	3063
2968 >E	Clay 345kV Voltage	Ravenswood 3	1.4	327.8	329.1	3063
2968 >E	Pannell Road 345kV Voltage	SBK Edic R945	5.6	327.8	335.8	2149
2969 >E	Gordon Rd 345kV Voltage	Volney-Marcy	1.4	327.8	327.8	2899

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2970 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	1.5	327.8	330.1	2733
2970 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	1.5	327.8	327.9	2929
2970 >E	Clay 345kV Voltage	N.Scot-Leeds 345	1.5	327.8	327.9	2925
2970 >E	Clay 345kV Voltage	Princetown-N.Scot 345	1.5	327.8	327.8	2958
2970 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	5.8	327.8	335.6	2149
2971 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	4.6	327.8	344.3	3235
2971 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	4.6	327.8	344.3	3235
2971 >E	Ladentown 345kV Voltage	Pre-Fault	3.4	NA	346	2971
2971 >E	Ramapo 500kV Voltage	Ravenswood 3	5.6	500	505.3	3065
2971 >E	Gordon Rd 345kV Voltage	SBK Edic R70	1.5	327.8	326.2	3005
2971 >E	Coopers Corners 345kV Voltage	SBK Edic R70	1.6	327.8	329.1	3006
2972 >E	Ramapo 500kV Voltage	Ph2 DC 1500	26.3	500	507.9	3236
2972 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	1.7	327.8	332.8	2830
2972 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	328.7	2927
2972 >E	Clay 345kV Voltage	SBK Edic R70	1.6	327.8	326.2	3007
2973 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	1.6	327.8	328.2	2932
2973 >E	New Scotland 345kV Voltage Alps	Marcy South S.	6.2	327.8	344.1	3495
2973 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	6.2	327.8	344.1	3495
2973 >E	New Scotland 345kV Voltage Alps	Marcy South N.	12.6	327.8	347.3	3699
2973 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	12.6	327.8	347.3	3699
2973 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	1.6	327.8	327.9	2961
2974 >E	Coopers Corners 345kV Voltage	Volney-Marcy	1.6	327.8	327.2	2902
2976 >E	Station 80 345kV Voltage	SBK Edic R945	5.4	327.8	334.5	2154
2977 >E	Pannell Road 345kV Voltage	Volney-Marcy	1.8	327.8	330.1	2903
2978 >E	Station 80 345kV Voltage	SBK Marcy R3108	1.9	327.8	332.1	2832
2978 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	334.3	2154
2978 >E	Pannell Road 345kV Voltage	SBK Princetown 345	1.7	327.8	329.4	2736
2979 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	2.8	218.5	221.2	2832
2979 >E	Pannell Road 345kV Voltage	Ravenswood 3	1.8	327.8	329.3	3068
2979 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.4	327.8	334.3	2089
2979 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	1.9	327.8	324.1	2832
2980 >E	Roseton 345kV Voltage	Pre-Fault	3.8	NA	345	2980
2980 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	1.6	327.8	332.6	2934
2980 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	1.6	327.8	332.6	2934
2981 >E	Bowline 2 345kV Voltage	Pre-Fault	3.3	NA	345	2981
2981 >E	Bowline 1 345kV Voltage	Pre-Fault	3.5	NA	345	2981
2981 >E	Leeds 345kV Voltage	Pre-Fault	2.8	NA	345	2981
2981 >E	St.Lawrence 230kV Voltage	Volney-Marcy	2.8	218.5	220.5	2905
2981 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr	1.9	327.8	327.9	2941

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2981 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	1.9	327.8	327.9	2935
2981 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	1.9	327.8	327.8	2969
2983 >E	Station 80 345kV Voltage	Volney-Marcy	2.0	327.8	329.8	2905
2983 >E	Station 80 345kV Voltage	Ph2 DC 1500	6.5	327.8	340.3	3240
2983 >E	St.Lawrence 230kV Voltage	Ravenswood 3	3.0	218.5	219.9	3070
2983 >E	Station 80 345kV Voltage	Ravenswood 3	2.0	327.8	329.4	3071
2984 >E	Pannell Road 345kV Voltage	SBK Edic R70	2.0	327.8	326.7	3021
2984 >E	Station 80 345kV Voltage	SBK Princetown 345	2.0	327.8	329.2	2737
2985 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	1.7	327.8	330.1	3071
2985 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	1.7	327.8	330.1	3071
2985 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	3.0	218.5	219.3	2738
2985 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	333.2	2092
2987 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	2.1	327.8	327.9	2946
2987 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	2.1	327.8	327.8	2940
2987 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	2.1	327.8	327.8	2975
2988 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	3.3	218.5	218.5	2976
2988 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	3.3	218.5	218.4	2947
2988 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	3.3	218.5	218.4	2941
2988 >E	Oakdale 345kV Voltage	Marcy South S.	7.2	320	320.0	3503
2988 >E	Dunwoodie 345kV Voltage	Ravenswood 3	4.0	327.8	335.7	3073
2988 >E	Sprain Brook 345kV Voltage	Ravenswood 3	4.0	327.8	335.7	3073
2989 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	1.8	327.8	328.0	2908
2989 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	1.8	327.8	328.0	2908
2989 >E	Station 80 345kV Voltage	SBK Edic R70	2.3	327.8	326.9	3028
2989 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	1.8	327.8	327.7	2835
2989 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	1.8	327.8	327.7	2835
2989 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	1.8	327.8	327.7	2977
2989 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	1.8	327.8	327.7	2977
2989 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	1.9	327.8	327.5	3028
2989 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	1.9	327.8	327.5	3028
2990 >E	St.Lawrence 230kV Voltage	SBK Edic R70	3.5	218.5	217.9	3029
2990 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	1.9	327.8	327.1	2949
2990 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	1.9	327.8	327.1	2949
2993 >E	Buchanan North 345kV Voltage	Ravenswood 3	3.4	327.8	335.0	3075
2993 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	1.9	327.8	331.6	2945
2994 >E	Rock Tavern 345kV Voltage	Ravenswood 3	2.4	327.8	333.3	3076

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2996 >E	Millwood 345kV Voltage	Ravenswood 3	3.6	327.8	335.4	3077
2996 >E	Gilboa 345kV Voltage	Ravenswood 3	2.0	327.8	330.2	3077
2997 >E	Clay 345kV Voltage	Marcy South S.	8.0	327.8	332.4	3508
2999 >E	Ramapo 500kV Voltage	SBK Princetown 345	5.8	500	500.9	2742
2999 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	2.0	327.8	322.4	2742
2999 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	2.0	327.8	322.4	2742
3000 >E	Somerset 345kV Voltage	Pre-Fault	3.2	NA	338	3000
3000 >E	Gilboa 345kV Voltage	SBK Marcy R3108	2.2	327.8	328.4	2837
3000 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	5.9	500	500.6	2952
3000 >E	Buchanan South 345kV Voltage	Ravenswood 3	3.4	327.8	335.3	3079
3001 >E	Station 80 345kV Voltage	Marcy South N.	19.9	327.8	344.1	3709
3001 >E	Gilboa 345kV Voltage	Volney-Marcy	2.2	327.8	327.9	2914
3002 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	2.2	327.8	327.8	2989
3002 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	2.3	327.8	327.7	2960
3002 >E	Gilboa 345kV Voltage	SBK Edic R70	2.3	327.8	327.4	3045
3003 >E	Ramapo 500kV Voltage	SBK Edic R70	6.1	500	500.2	3045
3003 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	6.1	500	500.2	2961
3003 >E	Ramapo 500kV Voltage	Volney-Marcy	6.3	500	500.1	2915
3004 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	6.2	500	500.1	2991
3004 >E	Ramapo 500kV Voltage	Pre-Fault	6.2	NA	500	3004
3004 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	2.4	327.8	329.5	2744
3005 >E	Gilboa 345kV Voltage	SBK Princetown 345	2.4	327.8	326.2	2744
3005 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	329.0	2956
3006 >E	Rock Tavern 345kV Voltage	SBK Edic R70	2.5	327.8	328.9	3048
3006 >E	Ramapo 345kV Voltage	Ravenswood 3	3.0	327.8	334.2	3082
3007 >E	Niagara 230kV East Voltage	Pre-Fault	6.4	NA	225	3007
3007 >E	Niagara 230kV West Voltage	Pre-Fault	6.4	NA	225	3007
3007 >E	Gilboa 345kV Voltage	Marcy South S.	6.5	327.8	344.5	3514
3007 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	2.6	327.8	328.2	2966
3008 >E	Ramapo 500kV Voltage	SBK Marcy R3108	6.9	500	499.4	2839
3008 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	2.6	327.8	327.9	2996
3010 >E	Ladentown 345kV Voltage	Ravenswood 3	3.1	327.8	334.8	3083
3011 >E	Rock Tavern 345kV Voltage	Volney-Marcy	2.7	327.8	326.8	2918
3014 >E	Bowline 2 345kV Voltage	Ravenswood 3	3.0	327.8	334.9	3085
3014 >E	Fraser 345kV Voltage	Marcy South S.	8.0	327.8	327.8	3517
3016 >E	Bowline 1 345kV Voltage	Ravenswood 3	3.2	327.8	335.0	3086
3017 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	3.5	327.8	332.2	3087
3017 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	328.6	2966

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3018 >E	Buchanan North 345kV Voltage	SBK Princetown 345	3.7	327.8	328.4	2748
3018 >E	Buchanan North 345kV Voltage	SBK Edic R70	3.8	327.8	328.3	3064
3020 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	3.8	327.8	327.9	2977
3020 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	3.8	327.8	327.8	3008
3021 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	3.1	327.8	322.9	2843
3022 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	4.5	327.8	328.5	2970
3022 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	4.5	327.8	328.5	2970
3022 >E	Somerset 345kV Voltage	SBK Marcy R3108	2.9	327.8	331.2	2843
3022 >E	Buchanan North 345kV Voltage	Volney-Marcy	3.9	327.8	327.3	2923
3023 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	328.7	2971
3023 >E	Sprain Brook 345kV Voltage	SBK Edic R70	4.5	327.8	328.2	3071
3024 >E	Dunwoodie 345kV Voltage	SBK Edic R70	4.6	327.8	328.2	3071
3024 >E	Gilboa 345kV Voltage	Ph2 DC 1500	5.9	327.8	343.4	3255
3024 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	3.2	327.8	328.8	2972
3024 >E	Ramapo 345kV Voltage	SBK Princetown 345	3.2	327.8	328.7	2750
3025 >E	Millwood 345kV Voltage	SBK Edic R70	4.0	327.8	328.2	3072
3025 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	327.8	2982
3025 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	4.6	327.8	327.8	3012
3025 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	4.5	327.8	327.8	2750
3025 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	327.8	2982
3025 >E	Ramapo 345kV Voltage	SBK Edic R70	3.3	327.8	328.5	3073
3025 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	3013
3025 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	4.6	327.8	327.8	2750
3025 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	328.7	2973
3026 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	4.0	327.8	327.8	2984
3026 >E	Somerset 345kV Voltage	Ravenswood 3	3.0	327.8	329.9	3091
3026 >E	Millwood 345kV Voltage	SBK Princetown 345	4.0	327.8	327.8	2751
3026 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	4.0	327.8	327.8	3014
3027 >E	Ramapo 500kV Voltage	SBK Edic R945	20.5	500	504.9	2185
3027 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	3.3	327.8	328.0	2984
3027 >E	Buchanan South 345kV Voltage	SBK Edic R70	3.7	327.8	328.3	3075
3027 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	3.3	327.8	327.9	3014
3027 >E	Sprain Brook 345kV Voltage	Volney-Marcy	4.7	327.8	327.3	2925
3028 >E	Dunwoodie 345kV Voltage	Volney-Marcy	4.8	327.8	327.3	2925
3028 >E	Somerset 345kV Voltage	Volney-Marcy	3.0	327.8	329.5	2925
3028 >E	Buchanan South 345kV Voltage	SBK Princetown 345	3.7	327.8	328.1	2751

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3028 >E	Somerset 345kV Voltage	SBK Princetown 345	3.0	327.8	329.4	2751
3028 >E	Roseton 345kV Voltage	Ravenswood 3	3.6	327.8	332.4	3092
3029 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	3.8	327.8	327.9	2986
3029 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	3.6	327.8	329.0	2976
3029 >E	Millwood 345kV Voltage	Volney-Marcy	4.1	327.8	327.2	2926
3029 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	3.8	327.8	327.8	3016
3029 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	21.0	500	504.8	2186
3029 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	2.8	327.8	327.8	2976
3029 >E	Leeds 345kV Voltage	Volney-Marcy	2.8	327.8	327.8	2926
3029 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	2.8	327.8	327.8	3017
3029 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	2.8	327.8	327.8	2986
3029 >E	Leeds 345kV Voltage	Ravenswood 3	2.8	327.8	327.8	3093
3029 >E	Leeds 345kV Voltage	SBK Marcy R3108	2.8	327.8	327.8	2845
3029 >E	Leeds 345kV Voltage	SBK Edic R70	2.8	327.8	327.8	3078
3029 >E	Leeds 345kV Voltage	SBK Princetown 345	2.8	327.8	327.8	2751
3029 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	21.1	500	504.8	2115
3030 >E	Ramapo 345kV Voltage	Volney-Marcy	3.4	327.8	327.1	2926
3030 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	4.3	327.8	325.3	2845
3030 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	328.8	2977
3031 >E	Ladentown 345kV Voltage	SBK Princetown 345	3.3	327.8	328.6	2752
3031 >E	Buchanan South 345kV Voltage	Volney-Marcy	3.9	327.8	327.2	2927
3032 >E	Ladentown 345kV Voltage	SBK Edic R70	3.4	327.8	328.4	3081
3032 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	3.7	327.8	328.1	3082
3033 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	3.2	327.8	327.8	2990
3033 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	3.2	327.8	327.8	2980
3033 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	3.4	327.8	328.0	2990
3033 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	3.2	327.8	327.8	3020
3033 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	3021
3034 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	3.4	327.8	327.9	3021
3034 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	3.2	327.8	328.9	2980
3034 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	327.8	327.7	2991
3034 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	5.1	327.8	325.9	2846
3034 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	5.1	327.8	325.9	2846
3034 >E	Bowline 2 345kV Voltage	SBK Princetown 345	3.2	327.8	328.7	2753
3035 >E	Bowline 2 345kV Voltage	SBK Edic R70	3.2	327.8	328.5	3085
3035 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	3.8	327.8	327.3	2929

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3035 >E	Millwood 345kV Voltage	SBK Marcy R3108	4.4	327.8	325.6	2846
3036 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	3.7	327.8	327.1	2753
3036 >E	Somerset 345kV Voltage	SBK Edic R70	3.3	327.8	326.9	3086
3036 >E	Ladentown 345kV Voltage	Volney-Marcy	3.5	327.8	327.1	2929
3036 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	3.3	327.8	328.0	2993
3037 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	3.3	327.8	327.9	3024
3038 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	328.9	2984
3038 >E	Ramapo 345kV Voltage	SBK Marcy R3108	3.8	327.8	324.6	2847
3038 >E	Bowline 1 345kV Voltage	SBK Princetown 345	3.4	327.8	328.7	2754
3039 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	4.2	327.8	325.3	2847
3039 >E	Bowline 1 345kV Voltage	SBK Edic R70	3.5	327.8	328.5	3090
3039 >E	Bowline 2 345kV Voltage	Volney-Marcy	3.4	327.8	327.1	2931
3040 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	4.0	327.8	326.1	2847
3041 >E	Niagara 230kV East Voltage	SBK Marcy R3108	6.0	218.5	219.6	2847
3041 >E	Niagara 230kV West Voltage	SBK Marcy R3108	6.0	218.5	219.6	2847
3041 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	3.5	327.8	328.0	2998
3041 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	3.5	327.8	327.9	3029
3041 >E	Niagara 230kV East Voltage	Ravenswood 3	6.0	218.5	219.5	3099
3041 >E	Niagara 230kV West Voltage	Ravenswood 3	6.0	218.5	219.5	3099
3042 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	328.8	2987
3043 >E	Roseton 345kV Voltage	SBK Edic R70	3.8	327.8	328.4	3096
3044 >E	Roseton 345kV Voltage	SBK Princetown 345	3.7	327.8	328.3	2756
3044 >E	Bowline 1 345kV Voltage	Volney-Marcy	3.6	327.8	327.1	2933
3044 >E	Niagara 230kV East Voltage	SBK Princetown 345	6.1	218.5	219.1	2756
3044 >E	Niagara 230kV West Voltage	SBK Princetown 345	6.1	218.5	219.1	2756
3044 >E	Niagara 230kV East Voltage	Volney-Marcy	6.2	218.5	219.1	2933
3044 >E	Niagara 230kV West Voltage	Volney-Marcy	6.2	218.5	219.1	2933
3045 >E	Ladentown 345kV Voltage	SBK Marcy R3108	3.9	327.8	324.6	2848
3045 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	3.8	327.8	327.9	3002
3046 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	3.8	327.8	327.8	3033
3048 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	6.4	218.5	218.5	3004
3048 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	6.4	218.5	218.5	3004
3048 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	6.4	218.5	218.5	2992
3048 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	6.4	218.5	218.5	2992
3048 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	6.4	218.5	218.5	3035
3048 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	6.4	218.5	218.5	3035

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3048 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	3.7	327.8	324.5	2849
3049 >E	Roseton 345kV Voltage	Volney-Marcy	3.9	327.8	327.1	2935
3049 >E	Niagara 230kV East Voltage	SBK Edic R70	6.5	218.5	218.3	3103
3049 >E	Niagara 230kV West Voltage	SBK Edic R70	6.5	218.5	218.3	3103
3054 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	4.0	327.8	324.3	2851
3055 >E	Niagara 345kV Voltage	Pre-Fault	4.8	NA	338	3055
3058 >E	Roseton 345kV Voltage	SBK Marcy R3108	4.3	327.8	324.7	2851
3058 >E	St.Lawrence 230kV Voltage	SBK Edic R945	17.9	218.5	217.6	2204
3068 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	19.2	218.5	216.8	2210
3077 >E	St.Lawrence 230kV Voltage	Marcy South S.	16.3	218.5	219.8	3552
3087 >E	Gilboa 345kV Voltage	SBK Edic R945	9.2	327.8	338.4	2222
3089 >E	Niagara 345kV Voltage	SBK Marcy R3108	4.4	327.8	330.7	2859
3090 >E	St.Lawrence 230kV Voltage	Marcy South N.	28.1	218.5	227.4	3740
3091 >E	Leeds 345kV Voltage	Marcy South S.	8.2	327.8	348.4	3559
3091 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	9.4	327.8	338.0	2225
3092 >E	Niagara 345kV Voltage	Ravenswood 3	4.5	327.8	330.1	3123
3096 >E	Niagara 345kV Voltage	SBK Princetown 345	4.6	327.8	329.4	2772
3096 >E	Niagara 345kV Voltage	Volney-Marcy	4.6	327.8	329.3	2956
3103 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	9.9	327.8	337.2	2154
3103 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	327.8	327.8	3057
3103 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	4.8	327.8	327.8	3040
3103 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	4.8	327.8	327.8	3090
3107 >E	Niagara 345kV Voltage	SBK Edic R70	4.9	327.8	327.0	3175
3108 >E	Pannell Road 345kV Voltage	Marcy South S.	13.9	327.8	331.8	3568
3115 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	23.0	218.5	212.9	2160
3119 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	10.4	327.8	342.0	3291
3132 >E	Watercure 230kV Voltage	Ph2 DC 1500	10.5	207	228.7	3295
3133 >E	Gordon Rd 345kV Voltage	SBK Edic R945	11.3	327.8	316.3	2251
3134 >E	Somerset 345kV Voltage	SBK Edic R945	10.3	327.8	334.4	2252
3139 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	11.4	327.8	330.6	2254
3139 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	11.4	327.8	330.6	2254
3139 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	11.6	327.8	315.7	2254
3140 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	10.6	327.8	333.9	2255
3144 >E	Rainey 345kV Voltage	Ravenswood 3	9.6	327.8	341.2	3149
3144 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	11.7	327.8	330.2	2258
3144 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	11.7	327.8	330.2	2258
3152 >E	Fraser 345kV Voltage	Marcy South N.	16.3	327.8	327.8	3761
3155 >E	Farragut 345kV Voltage	Ravenswood 3	10.1	327.8	340.4	3154
3155 >E	Leeds 345kV Voltage	Ph2 DC 1500	9.3	327.8	345.8	3304
3158 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	12.1	327.8	329.1	2182

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3158 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	12.1	327.8	329.1	2182
3159 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	11.3	327.8	332.4	2183
3163 >E	Station 80 345kV Voltage	Marcy South S.	16.7	327.8	331.4	3598
3168 >E	Somerset 345kV Voltage	Ph2 DC 1500	12.3	327.8	345.7	3308
3170 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	12.7	327.8	342.0	3309
3178 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	16.9	327.8	340.2	3312
3192 >E	Rainey 345kV Voltage	Pre-Fault	14.9	NA	338	3192
3192 >E	Farragut 345kV Voltage	Pre-Fault	15.4	NA	338	3192
3198 >E	Pleasant Valley 345kV Voltage	Marcy South S.	16.0	327.8	341.2	3617
3202 >E	Watercure 230kV Voltage	SBK Marcy R3108	10.8	207	218.3	2887
3209 >E	Rock Tavern 345kV Voltage	SBK Edic R945	16.9	327.8	341.6	2298
3211 >E	Millwood 345kV Voltage	Ph2 DC 1500	17.1	327.8	340.4	3325
3218 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	17.4	327.8	341.3	2304
3221 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	16.5	327.8	341.5	3328
3221 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	20.3	327.8	338.6	3328
3222 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	20.3	327.8	338.5	3329
3225 >E	Ramapo 345kV Voltage	Ph2 DC 1500	15.6	327.8	342.9	3330
3232 >E	Gardenville 230kV Voltage	Pre-Fault	15.8	NA	217	3232
3237 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	18.1	327.8	340.8	2224
3245 >E	Goethals 345kV Voltage	Ravenswood 3	13.7	327.8	339.5	3198
3249 >E	Ladentown 345kV Voltage	Ph2 DC 1500	15.7	327.8	343.8	3339
3252 >E	Roseton 345kV Voltage	Ph2 DC 1500	14.6	327.8	343.6	3340
3261 >E	Watercure 230kV Voltage	Pre-Fault	18.1	NA	215	3261
3267 >E	Watercure 230kV Voltage	Ravenswood 3	13.0	207	214.7	3208
3269 >E	Watercure 230kV Voltage	Volney-Marcy	13.1	207	214.6	3033
3273 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	15.6	327.8	344.9	3348
3275 >E	Goethals 345kV Voltage	Pre-Fault	21.1	NA	338	3275
3276 >E	Watercure 230kV Voltage	SBK Princetown 345	13.1	207	214.2	2827
3280 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	15.6	327.8	345.2	3350
3318 >E	Gardenville 230kV Voltage	SBK Marcy R3108	13.4	207	211.6	2915
3330 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	14.4	327.8	328.7	3235
3333 >E	Gilboa 345kV Voltage	Marcy South N.	21.7	327.8	337.5	3824
3334 >E	Gardenville 230kV Voltage	Ravenswood 3	13.9	207	210.5	3241
3335 >E	Rainey 345kV Voltage	SBK Princetown 345	14.5	327.8	328.4	2845
3336 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	14.9	327.8	328.7	3240
3337 >E	Rainey 345kV Voltage	SBK Edic R70	14.7	327.8	328.2	3462
3340 >E	Farragut 345kV Voltage	SBK Princetown 345	15.0	327.8	328.4	2847
3342 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	14.8	327.8	327.9	3285
3343 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	14.9	327.8	327.8	3326
3344 >E	Farragut 345kV Voltage	SBK Edic R70	15.2	327.8	328.2	3470

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3346 >E	Gardenville 230kV Voltage	SBK Princetown 345	14.3	207	209.8	2849
3348 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	15.3	327.8	327.9	3291
3349 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	15.4	327.8	327.8	3332
3350 >E	Gardenville 230kV Voltage	Volney-Marcy	14.4	207	209.5	3069
3350 >E	Rainey 345kV Voltage	Volney-Marcy	15.1	327.8	327.4	3069
3356 >E	Farragut 345kV Voltage	Volney-Marcy	15.6	327.8	327.4	3072
3365 >E	Watercure 230kV Voltage	Marcy South N.	34.6	207	231.7	3835
3379 >E	Rainey 345kV Voltage	SBK Marcy R3108	16.2	327.8	325.4	2930
3385 >E	Farragut 345kV Voltage	SBK Marcy R3108	16.7	327.8	325.5	2932
3388 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	15.7	207	207.1	3285
3388 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	15.7	207	207.1	3330
3389 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	15.8	207	207.0	3372
3397 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	17.8	207	207.5	3338
3403 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	18.0	207	207.1	3298
3403 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	18.0	207	207.1	3386
3411 >E	Gardenville 230kV Voltage	SBK Edic R70	16.6	207	205.7	3554
3415 >E	Buchanan North 345kV Voltage	SBK Edic R945	31.3	327.8	337.8	2426
3429 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	32.1	327.8	337.5	2434
3438 >E	Ramapo 500kV Voltage	Marcy South N.	78.9	500	500.8	3861
3443 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	32.7	327.8	337.3	2332
3451 >E	Ramapo 345kV Voltage	SBK Edic R945	26.9	327.8	340.8	2449
3466 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	27.7	327.8	340.6	2458
3472 >E	Goethals 345kV Voltage	SBK Princetown 345	20.3	327.8	328.7	2887
3475 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	20.5	327.8	328.6	3359
3484 >E	Goethals 345kV Voltage	SBK Edic R70	20.9	327.8	328.1	3645
3484 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	28.3	327.8	340.3	2354
3487 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	20.9	327.8	328.0	3424
3489 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	21.0	327.8	327.9	3471
3493 >E	Niagara 345kV Voltage	SBK Edic R945	20.5	327.8	335.5	2475
3494 >E	Roseton 345kV Voltage	Marcy South S.	23.7	327.8	337.3	3778
3495 >E	Goethals 345kV Voltage	Volney-Marcy	21.2	327.8	327.6	3134
3504 >E	Millwood 345kV Voltage	Marcy South S.	31.9	327.8	334.5	3783
3508 >E	Watercure 230kV Voltage	SBK Edic R70	22.1	207	201.4	3675
3510 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	21.1	327.8	334.8	2485
3514 >E	Dunwoodie 345kV Voltage	Marcy South S.	37.5	327.8	333.6	3788
3525 >E	Sprain Brook 345kV Voltage	Marcy South S.	37.8	327.8	333.5	3794
3528 >E	Goethals 345kV Voltage	SBK Marcy R3108	22.5	327.8	326.0	2967

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3531 >E	Ladentown 345kV Voltage	SBK Edic R945	28.6	327.8	341.2	2498
3539 >E	Niagara 230kV East Voltage	SBK Edic R945	44.0	218.5	223.5	2503
3539 >E	Niagara 230kV West Voltage	SBK Edic R945	44.0	218.5	223.5	2503
3548 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	29.4	327.8	340.9	2508
3554 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	22.6	327.8	333.2	2390
3560 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	45.5	218.5	223.2	2516
3560 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	45.5	218.5	223.2	2516
3566 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	29.9	327.8	340.6	2397
3573 >E	Bowline 1 345kV Voltage	SBK Edic R945	28.4	327.8	342.1	2524
3581 >E	Leeds 345kV Voltage	Marcy South N.	28.4	327.8	342.5	3910
3586 >E	Bowline 2 345kV Voltage	SBK Edic R945	28.4	327.8	342.4	2533
3591 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	29.2	327.8	341.8	2535
3605 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	29.2	327.8	342.1	2544
3609 >E	Buchanan South 345kV Voltage	SBK Edic R945	36.5	327.8	338.7	2547
3609 >E	Somerset 345kV Voltage	Marcy South N.	39.5	327.8	348.1	3920
3611 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	29.8	327.8	341.5	2420
3611 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	48.9	218.5	222.4	2420
3611 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	48.9	218.5	222.4	2420
3617 >E	Niagara 345kV Voltage	Ph2 DC 1500	25.2	327.8	351.0	3476
3624 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	29.8	327.8	341.8	2427
3627 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	37.5	327.8	338.5	2558
3645 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	37.9	327.8	338.3	2438
3664 >E	Buchanan South 345kV Voltage	Marcy South S.	35.6	327.8	332.3	3870
3672 >E	Niagara 230kV East Voltage	Ph2 DC 1500	54.4	218.5	231.4	3496
3672 >E	Niagara 230kV West Voltage	Ph2 DC 1500	54.4	218.5	231.4	3496
3673 >E	Coopers Corners 345kV Voltage	Marcy South N.	28.8	327.8	307.4	3942
3677 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	27.7	327.8	327.8	2588
3677 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	27.7	327.8	327.8	2455
3677 >E	Leeds 345kV Voltage	SBK Edic R945	27.7	327.8	327.8	2589
3693 >E	Millwood 345kV Voltage	SBK Edic R945	43.6	327.8	337.6	2599
3698 >E	Roseton 345kV Voltage	SBK Edic R945	33.6	327.8	339.1	2602
3713 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	44.8	327.8	337.4	2611
3717 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	34.4	327.8	338.7	2613
3725 >E	Somerset 345kV Voltage	Marcy South S.	34.3	327.8	331.9	3903
3730 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	45.1	327.8	337.2	2482
3740 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	35.0	327.8	338.4	2487
3755 >E	Sprain Brook 345kV Voltage	SBK Edic R945	54.3	327.8	336.5	2638
3772 >E	Dunwoodie 345kV Voltage	SBK Edic R945	55.7	327.8	336.5	2648
3778 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	55.8	327.8	336.3	2651
3784 >E	Buchanan North 345kV Voltage	Marcy South S.	43.2	327.8	328.0	3935
3795 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	57.2	327.8	336.3	2662

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3796 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	56.1	327.8	336.2	2517
3813 >E	Ramapo 500kV Voltage	Marcy South S.	117.3	500	507.5	3951
3814 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	57.5	327.8	336.1	2526
3816 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	41.0	327.8	333.6	2676
3833 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	41.7	327.8	333.3	2685
3834 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	41.3	327.8	333.3	2537
3869 >E	Pleasant Valley 345kV Voltage	Marcy South N.	48.7	327.8	336.3	4010
3956 >E	Northport 138kV Voltage	Pre-Fault	113.0	NA	135	3956
3986 >E	Rock Tavern 345kV Voltage	Marcy South S.	36.4	327.8	310.7	4044
4128 >E	Ramapo 345kV Voltage	Marcy South S.	47.3	327.8	322.4	4121
4137 >E	Gardenville 230kV Voltage	SBK Edic R945	46.4	207	218.3	2875
4151 >E	Ladentown 345kV Voltage	Marcy South S.	47.2	327.8	323.7	4134
4156 >E	Northport 138kV Voltage	Ravenswood 3	96.5	131.1	133.2	3640
4194 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	48.6	207	217.6	2910
4349 >E	Northport 138kV Voltage	N.Scot-Leeds 345	109.4	131.1	131.5	4111
4353 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	54.4	207	215.5	2809
4359 >E	Bowline 1 345kV Voltage	Marcy South S.	52.0	327.8	320.5	4247
4372 >E	Bowline 2 345kV Voltage	Marcy South S.	51.7	327.8	320.6	4253
4373 >E	Northport 138kV Voltage	SBK Edic R70	111.2	131.1	131.3	4754
4377 >E	Northport 138kV Voltage	SBK Princetown 345	111.4	131.1	131.3	3165
4391 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	112.5	131.1	131.2	4289
4394 >E	Northport 138kV Voltage	Princetown-N.Scot 345	112.9	131.1	131.1	4364
4413 >E	Gardenville 230kV Voltage	Ph2 DC 1500	56.1	207	240.6	3771
4424 >E	Northport 138kV Voltage	Volney-Marcy	115.1	131.1	130.9	3548
4461 >E	Rock Tavern 345kV Voltage	Marcy South N.	59.1	327.8	317.2	4215
4517 >E	Coopers Corners 345kV Voltage	Marcy South S.	41.1	327.8	202.2	4332
4518 >E	Roseton 345kV Voltage	Marcy South N.	64.6	327.8	330.7	4235
4524 >E	Northport 138kV Voltage	SBK Marcy R3108	122.9	131.1	130.0	3211
4551 >E	Rainey 345kV Voltage	Ph2 DC 1500	62.9	327.8	345.5	3823
4569 >E	Millwood 345kV Voltage	Marcy South N.	87.5	327.8	328.9	4253
4571 >E	Farragut 345kV Voltage	Ph2 DC 1500	65.0	327.8	345.2	3830
4610 >E	Dunwoodie 345kV Voltage	Marcy South N.	103.6	327.8	328.6	4267
4617 >E	Sprain Brook 345kV Voltage	Marcy South N.	103.2	327.8	328.5	4269
4807 >E	Watercure 230kV Voltage	SBK Edic R945	92.0	207	274.9	3292
4814 >E	Buchanan North 345kV Voltage	Marcy South N.	98.7	327.8	325.4	4337
4874 >E	Buchanan South 345kV Voltage	Marcy South N.	93.2	327.8	326.9	4358
5075 >E	Watercure 230kV Voltage	Marcy South S.	83.4	207	196.8	4635
5092 >E	Goethals 345kV Voltage	Ph2 DC 1500	86.1	327.8	345.2	4024
5220 >E	Niagara 345kV Voltage	Marcy South N.	87.3	327.8	353.5	4479
5482 >E	Niagara 345kV Voltage	Marcy South S.	85.8	327.8	332.7	4855

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5526 >E	Ramapo 345kV Voltage	Marcy South N.	107.3	327.8	321.1	4585
5758 >E	Ladentown 345kV Voltage	Marcy South N.	112.4	327.8	320.1	4665
5800 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	140.5	207	297.4	3906
5946 >E	Niagara 230kV East Voltage	Marcy South N.	223.9	218.5	234.5	4730
5946 >E	Niagara 230kV West Voltage	Marcy South N.	223.9	218.5	234.5	4730
6059 >E	Rainey 345kV Voltage	Marcy South S.	119.2	327.8	337.5	5168
6107 >E	Farragut 345kV Voltage	Marcy South S.	123.4	327.8	337.3	5194
6279 >E	Bowline 1 345kV Voltage	Marcy South N.	124.7	327.8	315.9	4845
6308 >E	Bowline 2 345kV Voltage	Marcy South N.	123.9	327.8	316.5	4856
7183 >E	Goethals 345kV Voltage	Marcy South S.	166.7	327.8	337.4	5777
7207 >E	Niagara 230kV East Voltage	Marcy South S.	289.0	218.5	221.7	5791
7207 >E	Niagara 230kV West Voltage	Marcy South S.	289.0	218.5	221.7	5791
7211 >E	Rainey 345kV Voltage	SBK Edic R945	164.1	327.8	342.9	4786
7234 >E	Farragut 345kV Voltage	SBK Edic R945	168.3	327.8	342.6	4801
7320 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	168.3	327.8	342.6	4850
7324 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	168.0	327.8	342.6	4366
7339 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	172.4	327.8	342.3	4862
7343 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	172.0	327.8	342.3	4376
8594 >E	Goethals 345kV Voltage	SBK Edic R945	223.2	327.8	343.5	5646
8718 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	227.6	327.8	343.3	5097
8735 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	228.7	327.8	343.3	5728
9652 >E	Northport 138kV Voltage	Ph2 DC 1500	532.6	131.1	138.8	5719
11749 >E	Rainey 345kV Voltage	Marcy South N.	333.4	327.8	329.6	6742
11899 >E	Farragut 345kV Voltage	Marcy South N.	345.8	327.8	329.7	6794
14178 >E	Northport 138kV Voltage	Marcy South S.	887.6	131.1	135.4	9570
15321 >E	Goethals 345kV Voltage	Marcy South N.	483.0	327.8	330.1	7980
26834 >E	Northport 138kV Voltage	SBK Edic R945	1885.5	131.1	141.1	16985
27589 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1945.0	131.1	141.0	17432
27606 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1945.0	131.1	141.0	14998
37309 >E	Northport 138kV Voltage	Marcy South N.	2704.3	131.1	131.3	15603
99998 >E	Gardenville 230kV Voltage	Marcy South N.	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

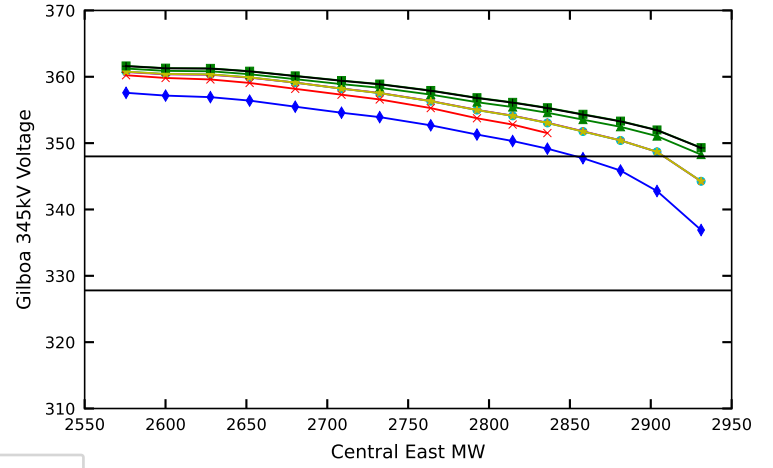
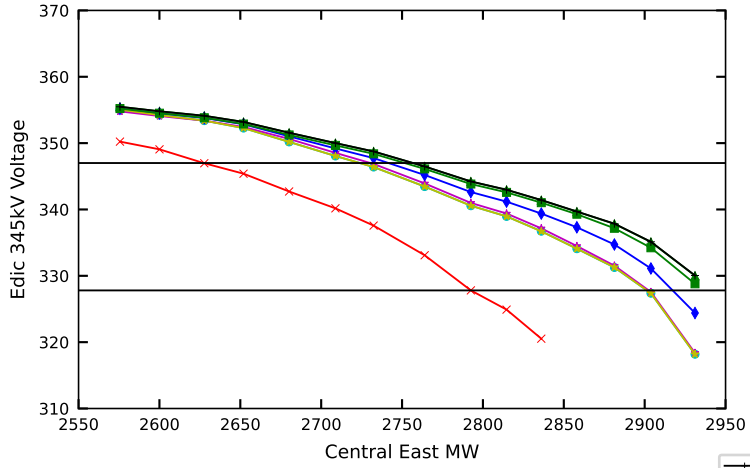
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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 00 CAP

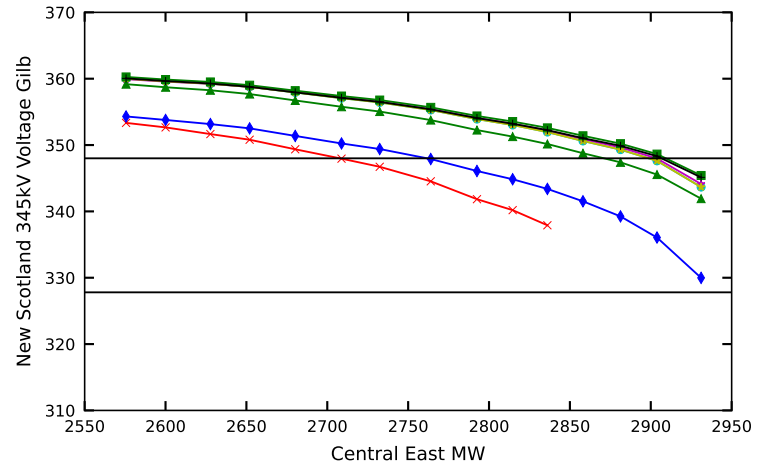
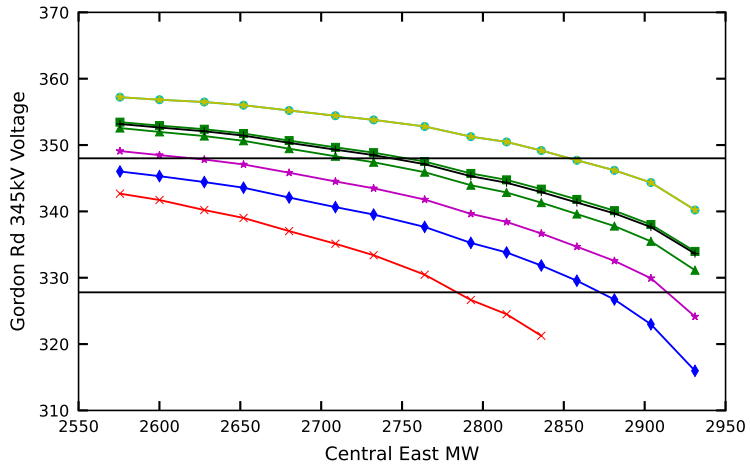
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						
99998	Watercure 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

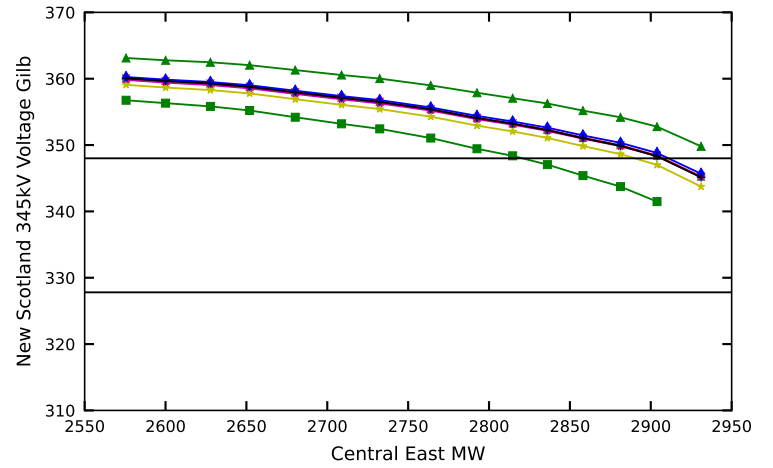
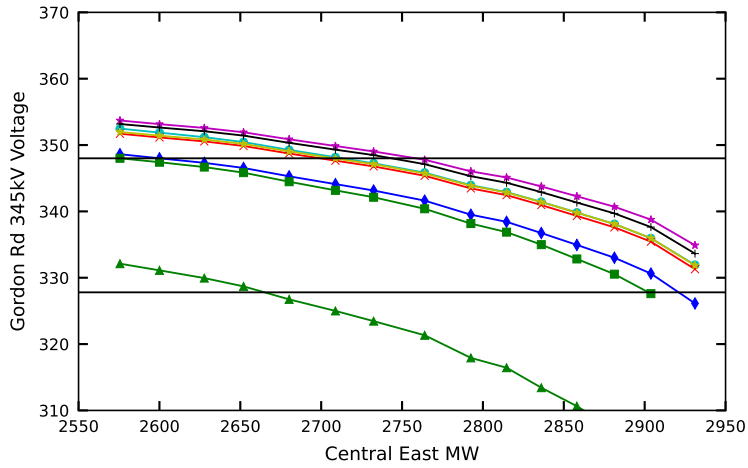
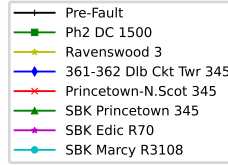
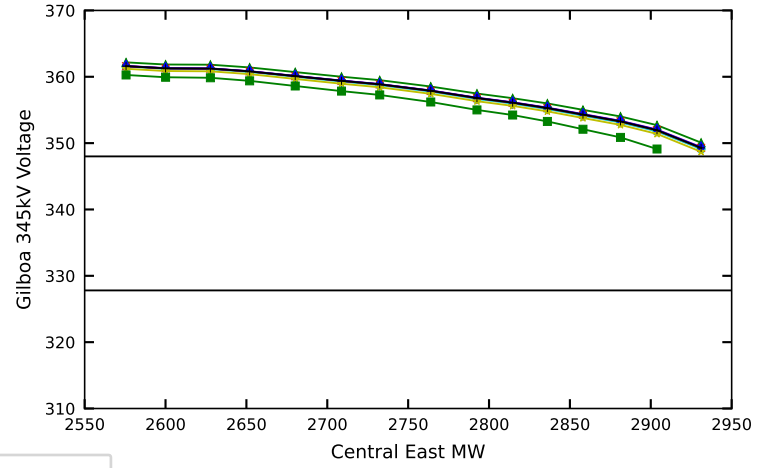
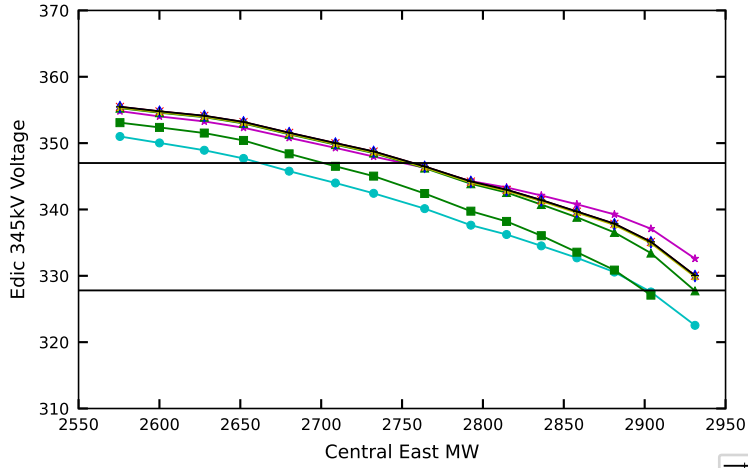
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS Figure 1



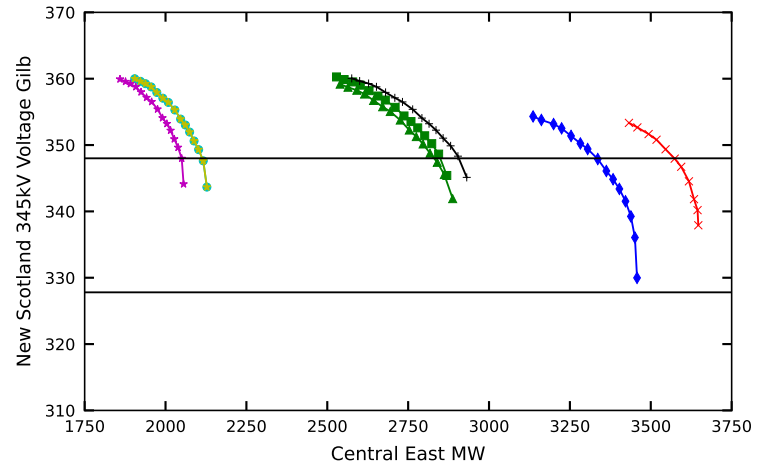
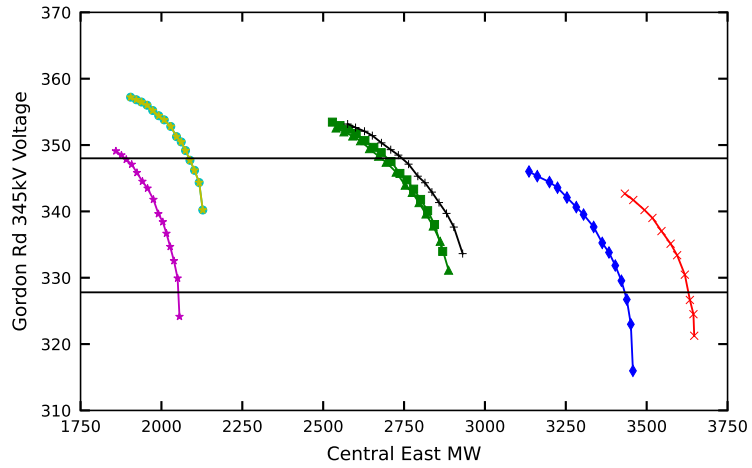
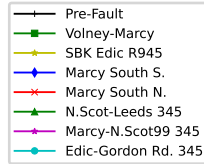
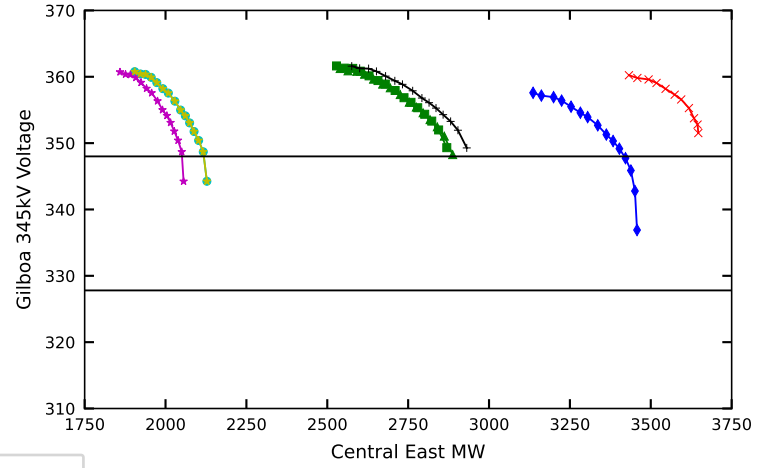
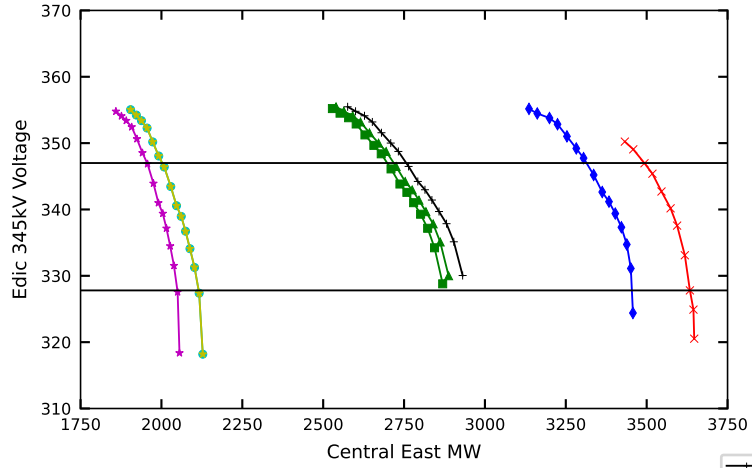
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



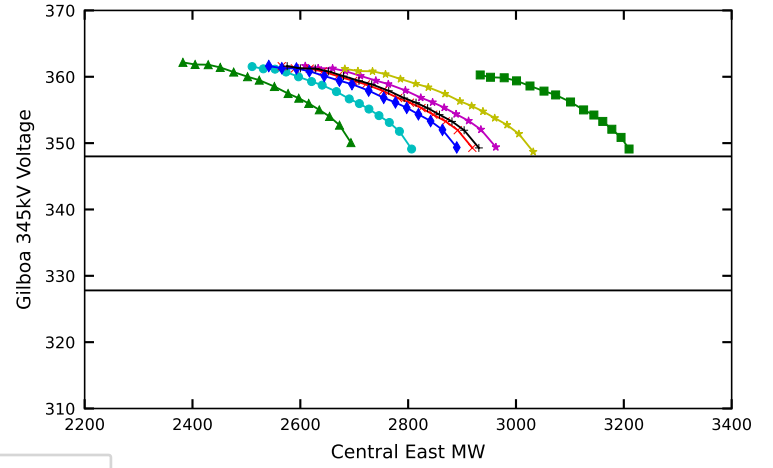
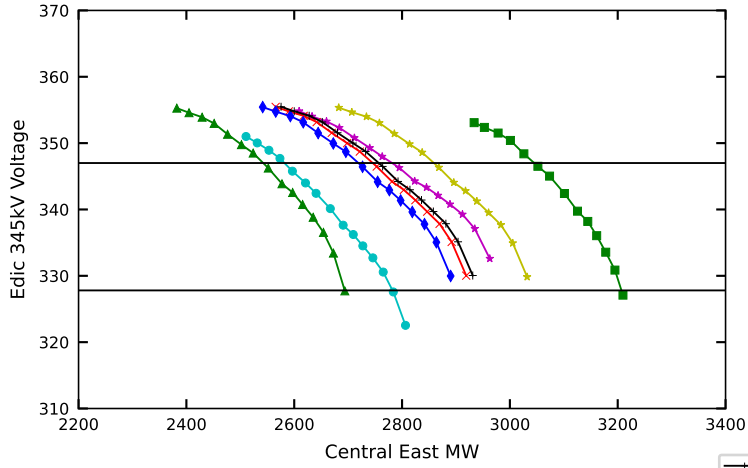
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS Figure 2



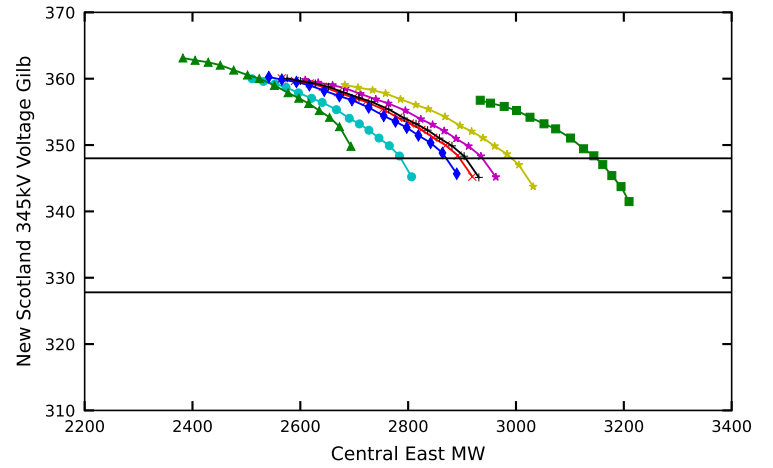
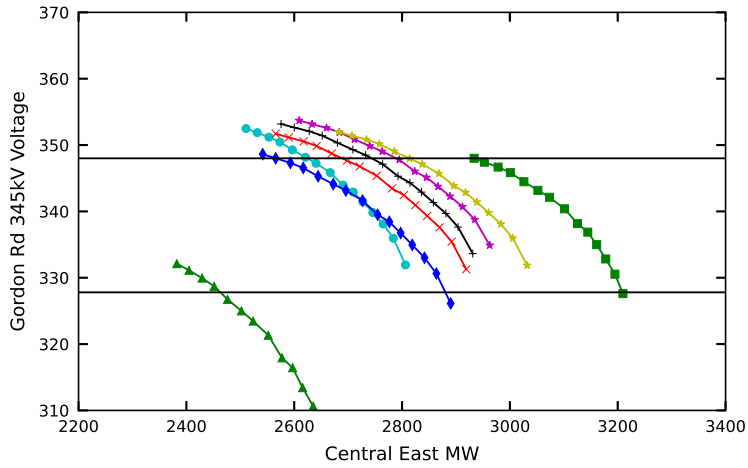
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS Figure 1



1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS Figure 2



- +— Pre-Fault
- Ph2 DC 1500
- ▲— Ravenswood 3
- ◆— 361-362 Dlb Ckt Twr 345
- ×— Princetown-N.Scot 345
- ▲— SBK Princetown 345
- ◆— SBK Edic R70
- SBK Marcy R3108



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 3O OR_CAPS

Interface: Central East

Transfe r MW	bas e	ce0 1	ce0 2	ce0 3	ce0 7	ce0 8	ce1 1	ce1 3	ce1 5	ce2 0	ce3 0	ce3 1	ce3 2	log0 9	log1 5
2575	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2600	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2627	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2651	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2680	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2708	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2732	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2763	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2792	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2814	t1 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2836	t1 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2858	t1 2	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2881	t1 3	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2903	t1 4	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2931	t1 5	0	0	0	0	2	0	0	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\OR_CAPS\Sum2023_CEVC_PH2_3O_OR_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 3O OR_CAPS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2664	Gordon Rd 345kV Voltage	SBK Princetown 345	14.4	327.8	350.9	2462
2668 >E	Dunwoodie 345kV Voltage	Pre-Fault	57.0	NA	348	2668
2675 >E	Sprain Brook 345kV Voltage	Pre-Fault	56.8	NA	348	2675
2694	limit with 5% margin	Marcy South N.	NA	NA	NA	3464
2743	Marcy 345kV Voltage	Pre-Fault	13.8	NA	348	2743
2743	Gordon Rd 345kV Voltage	Pre-Fault	23.1	NA	348	2743
2756	Edic 345kV Voltage	Pre-Fault	14.0	NA	347	2756
2758	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3049
2783	Gordon Rd 345kV Voltage	Marcy South N.	7.5	327.8	345.9	3628
2784	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2021
2784	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1953
2784	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2743
2784	limit with 5% margin	Marcy South S.	NA	NA	NA	3284
2784	limit with 5% margin	SBK Edic R945	NA	NA	NA	2021
2784	limit with 5% margin	Volney-Marcy	NA	NA	NA	2725
2784	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2666
2784	limit with 5% margin	SBK Edic R70	NA	NA	NA	2814
2784	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2559
2784	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2773
2784	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2745
2784	limit with 5% margin	Ravenswood 3	NA	NA	NA	2880
2792	Edic 345kV Voltage	Marcy South N.	7.6	327.8	344.2	3633
2794	Marcy 345kV Voltage	Marcy South N.	7.6	327.8	344.1	3634
2814	Millwood 345kV Voltage	Pre-Fault	109.6	NA	348	2814
2837 >E	Clay 345kV Voltage	Marcy South N.	6.5	327.8	347.2	3647
2857 >E	Oakdale 345kV Voltage	Marcy South N.	7.1	320	346.2	3649
2872	Gordon Rd 345kV Voltage	Marcy South S.	8.2	327.8	340.3	3432
2879	Pannell Road 345kV Voltage	Pre-Fault	36.0	NA	346	2879
2881	Clay 345kV Voltage	Pre-Fault	10.8	NA	345	2881
2882	Station 80 345kV Voltage	Pre-Fault	11.8	NA	346	2882
2890	Buchanan North 345kV Voltage	Pre-Fault	47.9	NA	346	2890
2898	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.8	327.8	335.7	2113
2898	Marcy 345kV Voltage	SBK Edic R945	5.7	327.8	335.7	2113
2899	Edic 345kV Voltage	Ph2 DC 1500	6.0	327.8	335.6	3206
2900	Marcy 345kV Voltage	Ph2 DC 1500	6.0	327.8	335.5	3207
2901	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.8	327.8	335.4	2115
2901	Edic 345kV Voltage	SBK Edic R945	5.8	327.8	335.4	2115
2902	Edic 345kV Voltage	SBK Marcy R3108	7.5	327.8	335.3	2782
2902	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.7	327.8	337.8	3208
2902	Edic 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	335.3	2049

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\0R_CAPS\Sum2023_CEVC_Ph2_30_0R_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2905	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	334.7	2050
2906	New Scotland 345kV Voltage Alps	Pre-Fault	8.5	NA	348	2906
2906	New Scotland 345kV Voltage Gilb	Pre-Fault	8.5	NA	348	2906
2913	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	4.7	327.8	336.2	2052
2914 >E	Pannell Road 345kV Voltage	Marcy South N.	10.7	327.8	345.0	3655
2917	Edic 345kV Voltage	Marcy South S.	4.1	327.8	332.6	3454
2918	Marcy 345kV Voltage	Marcy South S.	4.0	327.8	332.3	3454
2920	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	335.1	2880
2928	Oakdale 345kV Voltage	Pre-Fault	4.8	NA	335	2928
2929	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	340.1	2055
2930	Coopers Corners 345kV Voltage	SBK Edic R945	4.2	327.8	340.0	2127
2930	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	340.0	2127
2930	Edic 345kV Voltage	SBK Princetown 345	4.8	327.8	330.1	2693
2931 >E	New Scotland 345kV Voltage Alps	Marcy South N.	9.4	327.8	348.0	3657
2931 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	9.4	327.8	348.0	3657
2931 >E	Marcy 345kV Voltage	SBK Princetown 345	4.8	327.8	329.9	2694
2935 >E	Rock Tavern 345kV Voltage	Pre-Fault	16.3	NA	348	2935
2935 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.2	327.8	338.4	2056
2935 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.0	320	333.6	2056
2935 >E	Fraser 345kV Voltage	SBK Edic R945	3.3	327.8	338.4	2129
2935 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	338.4	2129
2935 >E	Oakdale 345kV Voltage	SBK Edic R945	3.0	320	333.5	2129
2935 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.0	320	333.5	2129
2936 >E	Edic 345kV Voltage	Volney-Marcy	5.0	327.8	329.1	2874
2937 >E	Clay 345kV Voltage	SBK Edic R945	3.9	327.8	338.3	2130
2937 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.9	327.8	338.3	2130
2937 >E	Marcy 345kV Voltage	Volney-Marcy	5.0	327.8	328.7	2875
2937 >E	Fraser 345kV Voltage	Pre-Fault	5.7	NA	338	2937
2938 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	338.1	2057
2940 >E	New Scotland 345kV Voltage Alps	Marcy South S.	4.5	327.8	344.0	3459
2940 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	4.5	327.8	344.0	3459
2941 >E	Edic 345kV Voltage	Ravenswood 3	5.3	327.8	328.0	3042
2942 >E	Marcy 345kV Voltage	SBK Edic R70	5.3	327.8	327.8	2974
2942 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	5.3	327.8	327.8	2901
2942 >E	Marcy 345kV Voltage	Ravenswood 3	5.3	327.8	327.8	3043
2942 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	5.3	327.8	327.8	2898
2942 >E	Marcy 345kV Voltage	SBK Marcy R3108	5.3	327.8	327.8	2815
2942 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	5.3	327.8	327.8	2930
2942 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr	5.4	327.8	327.9	2901

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2942 >E	Edic 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	327.8	2898
2943 >E	Edic 345kV Voltage	Princetown-N.Scot 345	5.4	327.8	327.8	2930
2944 >E	Gilboa 345kV Voltage	Pre-Fault	10.2	NA	348	2944
2945 >E	Pleasant Valley 345kV Voltage	Pre-Fault	21.4	NA	348	2945
2946 >E	Coopers Corners 345kV Voltage	Pre-Fault	7.9	NA	338	2946
2951 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	6.3	327.8	330.6	2907
2954 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	6.6	327.8	330.3	2941
2956 >E	Station 80 345kV Voltage	Marcy South N.	12.7	327.8	344.2	3660
2958 >E	Gordon Rd 345kV Voltage	Ravenswood 3	6.7	327.8	329.7	3058
2959 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	6.8	327.8	329.5	2829
2960 >E	Edic 345kV Voltage	SBK Edic R70	6.0	327.8	324.6	2992
2965 >E	Buchanan South 345kV Voltage	Pre-Fault	28.1	NA	346	2965
2967 >E	Clay 345kV Voltage	SBK Marcy R3108	7.2	327.8	334.1	2836
2972 >E	Gordon Rd 345kV Voltage	Volney-Marcy	6.7	327.8	327.5	2907
2973 >E	Gilboa 345kV Voltage	Marcy South S.	4.6	327.8	345.2	3467
2975 >E	Oakdale 345kV Voltage	SBK Marcy R3108	4.7	320	325.2	2843
2975 >E	Clay 345kV Voltage	Ph2 DC 1500	7.8	327.8	336.3	3257
2975 >E	Clay 345kV Voltage	Marcy South S.	5.7	327.8	332.8	3468
2981 >E	Gordon Rd 345kV Voltage	SBK Edic R70	7.1	327.8	326.3	3013
2985 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.7	320	329.0	3263
2986 >E	Oakdale 345kV Voltage	Volney-Marcy	4.7	320	322.9	2920
2987 >E	Pannell Road 345kV Voltage	SBK Edic R945	6.8	327.8	337.2	2150
2987 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	337.2	2150
2988 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.8	327.8	337.2	2067
2988 >E	St.Lawrence 230kV Voltage	Pre-Fault	18.8	NA	225	2988
2989 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.6	320	322.4	2738
2990 >E	Clay 345kV Voltage	Volney-Marcy	6.8	327.8	330.8	2924
2991 >E	St.Lawrence 230kV Voltage	Marcy South N.	16.7	218.5	226.6	3664
2992 >E	Oakdale 345kV Voltage	Ravenswood 3	4.7	320	321.7	3091
2992 >E	Clay 345kV Voltage	SBK Princetown 345	6.4	327.8	330.5	2741
2994 >E	Coopers Corners 345kV Voltage	Ravenswood 3	7.1	327.8	332.0	3093
2995 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	327.8	2949
2995 >E	Fraser 345kV Voltage	SBK Edic R70	5.7	327.8	327.8	3028
2995 >E	Fraser 345kV Voltage	Volney-Marcy	5.7	327.8	327.8	2929
2995 >E	Fraser 345kV Voltage	SBK Marcy R3108	5.7	327.8	327.8	2860
2995 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	327.8	2953
2995 >E	Fraser 345kV Voltage	Ravenswood 3	5.7	327.8	327.8	3095
2995 >E	Fraser 345kV Voltage	Marcy South S.	5.7	327.8	327.8	3472
2995 >E	Fraser 345kV Voltage	SBK Princetown 345	5.7	327.8	327.8	2744

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2995 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	5.7	327.8	327.8	2983
2998 >E	Oakdale 345kV Voltage	Marcy South S.	4.7	320	320.4	3473
2999 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	320	320.3	2956
2999 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	4.8	320	320.2	2953
3000 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	4.8	320	320.1	2987
3004 >E	Oakdale 345kV Voltage	SBK Edic R70	4.9	320	319.2	3037
3006 >E	Clay 345kV Voltage	Ravenswood 3	7.0	327.8	328.5	3105
3009 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	7.6	327.8	330.0	2754
3009 >E	St.Lawrence 230kV Voltage	SBK Edic R945	10.6	218.5	223.9	2160
3009 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	10.6	218.5	223.9	2160
3010 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	7.1	327.8	327.9	2967
3011 >E	Clay 345kV Voltage	N.Scot-Leeds 345	7.1	327.8	327.9	2963
3011 >E	Clay 345kV Voltage	Princetown-N.Scot 345	7.1	327.8	327.8	2998
3012 >E	Gordon Rd 345kV Voltage	SBK Edic R945	6.6	327.8	321.7	2161
3012 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	6.6	327.8	321.7	2161
3015 >E	Station 80 345kV Voltage	SBK Edic R945	8.5	327.8	337.0	2162
3015 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	8.5	327.8	337.0	2162
3016 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	9.3	327.8	334.7	3283
3016 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	8.5	327.8	336.9	2073
3018 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	11.2	218.5	223.4	2074
3018 >E	Ramapo 345kV Voltage	Pre-Fault	27.1	NA	346	3018
3019 >E	Coopers Corners 345kV Voltage	SBK Edic R70	7.9	327.8	328.8	3052
3021 >E	Station 80 345kV Voltage	Ph2 DC 1500	9.4	327.8	334.3	3286
3021 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	7.8	327.8	328.5	2973
3024 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	7.9	327.8	328.1	2981
3024 >E	Leeds 345kV Voltage	Marcy South S.	5.8	327.8	347.9	3479
3025 >E	Clay 345kV Voltage	SBK Edic R70	7.7	327.8	325.9	3058
3026 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	7.9	327.8	327.9	3013
3026 >E	Fraser 345kV Voltage	Ph2 DC 1500	7.8	327.8	330.4	3290
3031 >E	Coopers Corners 345kV Voltage	Volney-Marcy	7.9	327.8	327.3	2961
3031 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	6.1	327.8	339.4	2077
3032 >E	Gilboa 345kV Voltage	SBK Edic R945	6.1	327.8	339.4	2169
3032 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	6.1	327.8	339.4	2169
3035 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	10.1	327.8	332.8	3296
3037 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	7.5	327.8	332.7	2988
3037 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	7.5	327.8	332.7	2988
3038 >E	Ramapo 500kV Voltage	Ph2 DC 1500	48.9	500	507.1	3298
3040 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	10.0	327.8	338.9	3299

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3040 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	10.0	327.8	338.9	3299
3040 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	6.9	327.8	332.3	2172
3040 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	6.9	327.8	332.3	2172
3040 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	6.9	327.8	332.3	2172
3040 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	6.9	327.8	332.3	2172
3046 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	25.1	500	506.4	2080
3046 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	7.1	327.8	331.6	2080
3046 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	7.1	327.8	331.6	2080
3047 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	8.3	327.8	325.2	2902
3051 >E	Pannell Road 345kV Voltage	Marcy South S.	10.0	327.8	332.0	3486
3055 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	26.0	500	506.3	2178
3055 >E	Ramapo 500kV Voltage	SBK Edic R945	26.0	500	506.3	2178
3055 >E	Ladentown 345kV Voltage	Pre-Fault	27.3	NA	346	3055
3062 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	12.4	327.8	331.0	2915
3063 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	8.3	327.8	329.5	3161
3063 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	8.3	327.8	329.5	3161
3067 >E	Leeds 345kV Voltage	Pre-Fault	14.7	NA	345	3067
3068 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	8.6	327.8	339.8	2085
3068 >E	Rock Tavern 345kV Voltage	SBK Edic R945	8.6	327.8	339.8	2184
3068 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	8.6	327.8	339.8	2184
3074 >E	St.Lawrence 230kV Voltage	Marcy South S.	15.8	218.5	220.4	3491
3075 >E	Pannell Road 345kV Voltage	SBK Princetown 345	11.1	327.8	330.0	2805
3077 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	17.4	218.5	220.3	2927
3079 >E	Pannell Road 345kV Voltage	Volney-Marcy	11.8	327.8	329.7	3006
3080 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	8.5	327.8	327.6	3007
3080 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	8.5	327.8	327.6	3007
3080 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	8.6	327.8	327.6	3067
3080 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	8.6	327.8	327.6	3067
3081 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	8.7	327.8	327.5	3116
3081 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	8.7	327.8	327.5	3116
3082 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	8.7	327.8	327.4	2931
3082 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	8.7	327.8	327.4	2931
3084 >E	Roseton 345kV Voltage	Pre-Fault	23.8	NA	345	3084
3085 >E	Watercure 230kV Voltage	Marcy South N.	16.3	207	226.7	3674
3086 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	8.7	327.8	326.9	3041
3086 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	8.7	327.8	326.9	3041
3088 >E	Pannell Road 345kV Voltage	Ravenswood 3	11.8	327.8	328.9	3186
3089 >E	Ramapo 500kV Voltage	Ravenswood 3	53.7	500	505.8	3187
3091 >E	St.Lawrence 230kV Voltage	Volney-Marcy	17.7	218.5	219.5	3018

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3093 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	17.5	218.5	219.4	2820
3099 >E	Station 80 345kV Voltage	Marcy South S.	12.8	327.8	331.7	3497
3101 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	12.2	327.8	327.9	3055
3101 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	12.2	327.8	327.9	3049
3101 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	12.2	327.8	327.8	3088
3102 >E	St.Lawrence 230kV Voltage	Ravenswood 3	18.6	218.5	219.0	3199
3104 >E	Pleasant Valley 345kV Voltage	Marcy South S.	11.5	327.8	340.5	3499
3110 >E	St.Lawrence 230kV Voltage	SBK Edic R70	18.7	218.5	218.5	3145
3110 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	18.8	218.5	218.5	3097
3111 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	18.8	218.5	218.5	3065
3111 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	18.8	218.5	218.5	3059
3119 >E	Pannell Road 345kV Voltage	SBK Edic R70	13.0	327.8	326.4	3154
3122 >E	Station 80 345kV Voltage	SBK Marcy R3108	15.9	327.8	330.2	2964
3126 >E	Station 80 345kV Voltage	SBK Princetown 345	14.2	327.8	329.9	2845
3126 >E	Bowline 1 345kV Voltage	Pre-Fault	27.3	NA	345	3126
3129 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	25.0	218.5	222.8	3358
3131 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	9.8	327.8	329.7	3078
3133 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	9.2	327.8	321.4	2851
3133 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	9.2	327.8	321.4	2851
3135 >E	Station 80 345kV Voltage	Volney-Marcy	15.1	327.8	329.4	3058
3138 >E	Station 80 345kV Voltage	Ravenswood 3	14.9	327.8	329.1	3234
3139 >E	Bowline 2 345kV Voltage	Pre-Fault	27.3	NA	345	3139
3142 >E	Gilboa 345kV Voltage	Ravenswood 3	10.1	327.8	328.6	3238
3148 >E	Dunwoodie 345kV Voltage	Ravenswood 3	25.3	327.8	336.5	3245
3149 >E	Gilboa 345kV Voltage	SBK Marcy R3108	10.2	327.8	328.0	2987
3150 >E	Gilboa 345kV Voltage	Volney-Marcy	10.2	327.8	327.8	3072
3151 >E	Sprain Brook 345kV Voltage	Ravenswood 3	25.2	327.8	336.5	3247
3151 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	10.2	327.8	327.8	3137
3151 >E	Rock Tavern 345kV Voltage	Ravenswood 3	13.1	327.8	334.8	3247
3152 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	10.3	327.8	327.6	3105
3153 >E	Gilboa 345kV Voltage	SBK Edic R70	10.3	327.8	327.6	3189
3158 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	15.6	327.8	327.9	3111
3158 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	15.6	327.8	327.8	3104
3159 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	15.6	327.8	327.8	3145
3161 >E	Gilboa 345kV Voltage	SBK Princetown 345	10.3	327.8	326.7	2872
3164 >E	Fraser 345kV Voltage	Marcy South N.	14.7	327.8	327.8	3683
3169 >E	Somerset 345kV Voltage	Ph2 DC 1500	12.8	327.8	334.6	3384

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\0R_CAPS\Sum2023_CEVC_Ph2_30_0R_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3178 >E	Gilboa 345kV Voltage	Ph2 DC 1500	12.9	327.8	335.8	3390
3179 >E	Station 80 345kV Voltage	SBK Edic R70	16.7	327.8	326.5	3216
3180 >E	Buchanan North 345kV Voltage	Ravenswood 3	22.1	327.8	336.1	3275
3187 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	17.0	327.8	335.9	2233
3187 >E	Buchanan North 345kV Voltage	SBK Edic R945	17.0	327.8	335.9	2233
3188 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	16.9	327.8	335.9	2110
3194 >E	Millwood 345kV Voltage	Ravenswood 3	22.5	327.8	336.4	3289
3214 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	14.9	327.8	338.8	2115
3214 >E	Ramapo 345kV Voltage	SBK Edic R945	14.9	327.8	338.8	2244
3214 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	14.9	327.8	338.8	2244
3229 >E	Buchanan South 345kV Voltage	Ravenswood 3	21.9	327.8	336.6	3323
3233 >E	Gilboa 345kV Voltage	Marcy South N.	16.7	327.8	340.2	3690
3250 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	15.9	327.8	328.7	2942
3251 >E	Ramapo 500kV Voltage	Marcy South S.	46.4	500	503.8	3534
3253 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	15.5	327.8	338.8	2124
3253 >E	Ladentown 345kV Voltage	SBK Edic R945	15.6	327.8	338.8	2260
3253 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	15.6	327.8	338.8	2260
3254 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	16.0	327.8	328.4	3195
3255 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	17.8	327.8	335.7	2261
3255 >E	Buchanan South 345kV Voltage	SBK Edic R945	17.8	327.8	335.7	2261
3258 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	17.8	327.8	335.6	2125
3259 >E	Millwood 345kV Voltage	SBK Edic R945	19.2	327.8	334.1	2262
3259 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	19.2	327.8	334.1	2262
3260 >E	Rock Tavern 345kV Voltage	SBK Edic R70	16.3	327.8	328.1	3298
3263 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	16.3	327.8	327.9	3213
3264 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	19.3	327.8	333.9	2126
3264 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	16.3	327.8	327.8	3249
3265 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	22.5	327.8	333.0	2265
3265 >E	Sprain Brook 345kV Voltage	SBK Edic R945	22.5	327.8	333.0	2265
3266 >E	Dunwoodie 345kV Voltage	SBK Edic R945	22.7	327.8	332.9	2265
3266 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	22.7	327.8	332.9	2265
3270 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	22.6	327.8	332.9	2127
3271 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	19.3	327.8	332.7	3364
3271 >E	Rock Tavern 345kV Voltage	Volney-Marcy	16.4	327.8	327.4	3184
3272 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	22.8	327.8	332.7	2128
3276 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	15.5	327.8	339.5	2129
3276 >E	Bowline 1 345kV Voltage	SBK Edic R945	15.5	327.8	339.5	2269
3276 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	15.5	327.8	339.5	2269
3280 >E	Millwood 345kV Voltage	Marcy South S.	20.6	327.8	333.3	3541
3281 >E	Dunwoodie 345kV Voltage	Marcy South S.	23.9	327.8	332.5	3541

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3282 >E	Ramapo 345kV Voltage	Ravenswood 3	20.9	327.8	336.3	3375
3283 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	15.5	327.8	339.7	2130
3283 >E	Bowline 2 345kV Voltage	SBK Edic R945	15.5	327.8	339.7	2272
3283 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	15.5	327.8	339.7	2272
3286 >E	Sprain Brook 345kV Voltage	Marcy South S.	24.0	327.8	332.4	3542
3287 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	16.8	327.8	326.4	3102
3289 >E	Roseton 345kV Voltage	SBK Edic R945	16.0	327.8	336.4	2275
3289 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	16.0	327.8	336.4	2275
3291 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	16.0	327.8	336.3	2132
3295 >E	Roseton 345kV Voltage	Marcy South S.	16.1	327.8	336.1	3544
3297 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	17.4	327.8	331.5	2278
3297 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	17.4	327.8	331.5	2278
3303 >E	Ladentown 345kV Voltage	Ravenswood 3	21.1	327.8	336.9	3396
3305 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	17.5	327.8	331.1	2135
3314 >E	Leeds 345kV Voltage	Marcy South N.	18.1	327.8	347.1	3699
3319 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	14.7	327.8	327.8	2287
3319 >E	Leeds 345kV Voltage	SBK Edic R945	14.7	327.8	327.8	2287
3319 >E	Leeds 345kV Voltage	Volney-Marcy	14.7	327.8	327.8	3229
3319 >E	Leeds 345kV Voltage	SBK Edic R70	14.7	327.8	327.8	3359
3319 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	14.7	327.8	327.8	3304
3319 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	14.7	327.8	327.8	3268
3319 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	14.7	327.8	327.8	3257
3319 >E	Leeds 345kV Voltage	SBK Marcy R3108	14.7	327.8	327.8	3128
3319 >E	Leeds 345kV Voltage	SBK Princetown 345	14.7	327.8	327.8	2995
3319 >E	Leeds 345kV Voltage	Ravenswood 3	14.7	327.8	327.8	3412
3319 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	14.7	327.8	327.8	2138
3325 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	19.2	327.8	342.1	2139
3326 >E	Somerset 345kV Voltage	SBK Edic R945	19.2	327.8	342.1	2290
3326 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	19.2	327.8	342.1	2290
3329 >E	Somerset 345kV Voltage	Marcy South N.	24.4	327.8	347.1	3701
3333 >E	Niagara 345kV Voltage	Ph2 DC 1500	15.8	327.8	333.9	3492
3333 >E	Ramapo 500kV Voltage	Marcy South N.	64.8	500	502.5	3701
3337 >E	Bowline 1 345kV Voltage	Ravenswood 3	21.0	327.8	337.3	3429
3346 >E	Bowline 2 345kV Voltage	Ravenswood 3	21.0	327.8	337.4	3438
3350 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	20.5	327.8	329.0	3286
3353 >E	Roseton 345kV Voltage	Ravenswood 3	20.4	327.8	333.7	3445
3356 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	21.6	327.8	334.0	3507
3375 >E	Buchanan South 345kV Voltage	Marcy South S.	22.6	327.8	331.4	3563
3376 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	21.4	327.8	327.8	3417
3378 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	21.4	327.8	327.7	3362

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3381 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	21.5	327.8	327.6	3328
3385 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	21.5	327.8	327.4	3289
3395 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	21.9	327.8	326.9	3191
3400 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	22.9	207	233.8	2155
3401 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	28.1	327.8	328.5	3335
3402 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	21.8	327.8	326.6	3060
3409 >E	Leeds 345kV Voltage	Ph2 DC 1500	18.5	327.8	338.2	3542
3414 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	32.1	327.8	328.4	3348
3416 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	27.6	327.8	328.6	3349
3416 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	32.0	327.8	328.5	3350
3418 >E	Buchanan North 345kV Voltage	SBK Princetown 345	28.6	327.8	327.9	3072
3418 >E	Buchanan North 345kV Voltage	SBK Edic R70	28.9	327.8	327.9	3459
3418 >E	Watercure 230kV Voltage	SBK Edic R945	23.6	207	233.9	2328
3418 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	23.6	207	233.9	2328
3421 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	28.9	327.8	327.8	3405
3422 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	28.9	327.8	327.8	3367
3429 >E	Buchanan North 345kV Voltage	Marcy South S.	26.3	327.8	327.5	3576
3430 >E	Buchanan North 345kV Voltage	Volney-Marcy	29.1	327.8	327.5	3331
3432 >E	Dunwoodie 345kV Voltage	SBK Edic R70	33.1	327.8	327.9	3474
3433 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	32.6	327.8	334.6	3558
3435 >E	Sprain Brook 345kV Voltage	SBK Edic R70	33.0	327.8	327.9	3477
3436 >E	Millwood 345kV Voltage	SBK Edic R70	28.6	327.8	327.9	3478
3436 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	33.1	327.8	327.8	3420
3439 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	33.1	327.8	327.8	3422
3439 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	33.2	327.8	327.7	3384
3440 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	28.6	327.8	327.8	3423
3441 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	33.2	327.8	327.7	3386
3442 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	28.7	327.8	327.7	3387
3444 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	29.5	327.8	327.0	3232
3447 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	25.9	327.8	336.1	3567
3448 >E	Dunwoodie 345kV Voltage	Volney-Marcy	33.5	327.8	327.4	3348
3450 >E	Millwood 345kV Voltage	Volney-Marcy	28.8	327.8	327.4	3350
3450 >E	Sprain Brook 345kV Voltage	Volney-Marcy	33.4	327.8	327.4	3350
3451 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	33.4	327.8	327.3	3098
3453 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	27.2	327.8	328.6	3384
3453 >E	Millwood 345kV Voltage	SBK Princetown 345	28.7	327.8	327.3	3099

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3453 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	33.3	327.8	327.3	3099
3464 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	34.1	327.8	326.9	3249
3466 >E	Millwood 345kV Voltage	SBK Marcy R3108	29.3	327.8	326.9	3250
3467 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	34.0	327.8	326.9	3250
3473 >E	Buchanan South 345kV Voltage	SBK Edic R70	28.1	327.8	327.9	3515
3473 >E	Ramapo 500kV Voltage	SBK Princetown 345	73.1	500	501.1	3114
3475 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	23.2	327.8	328.5	3406
3476 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	28.1	327.8	327.8	3460
3478 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	28.1	327.8	327.7	3422
3482 >E	Buchanan South 345kV Voltage	SBK Princetown 345	28.1	327.8	327.6	3122
3486 >E	Buchanan South 345kV Voltage	Volney-Marcy	28.3	327.8	327.4	3383
3491 >E	Roseton 345kV Voltage	SBK Edic R70	23.8	327.8	327.9	3534
3492 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	26.5	327.8	328.5	3421
3493 >E	Rock Tavern 345kV Voltage	Marcy South S.	20.1	327.8	313.8	3591
3494 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	23.8	327.8	327.8	3477
3495 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	23.8	327.8	327.7	3439
3497 >E	Roseton 345kV Voltage	SBK Princetown 345	23.7	327.8	327.6	3133
3500 >E	Ramapo 345kV Voltage	SBK Princetown 345	26.7	327.8	328.2	3136
3502 >E	Roseton 345kV Voltage	Volney-Marcy	23.9	327.8	327.4	3397
3502 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	28.8	327.8	326.9	3280
3502 >E	Millwood 345kV Voltage	Ph2 DC 1500	33.3	327.8	334.5	3604
3507 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	38.4	327.8	333.3	3607
3508 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	38.6	327.8	333.3	3607
3508 >E	Ramapo 345kV Voltage	SBK Edic R70	27.2	327.8	328.0	3552
3508 >E	Somerset 345kV Voltage	Pre-Fault	44.9	NA	338	3508
3509 >E	Ramapo 500kV Voltage	SBK Marcy R3108	76.0	500	500.7	3286
3511 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	76.9	500	500.7	3439
3511 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	27.1	327.8	327.8	3455
3512 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	27.1	327.8	327.8	3495
3517 >E	Roseton 345kV Voltage	SBK Marcy R3108	24.4	327.8	326.8	3292
3521 >E	Ramapo 345kV Voltage	Volney-Marcy	27.3	327.8	327.5	3415
3525 >E	Ramapo 500kV Voltage	Volney-Marcy	77.8	500	500.5	3419
3526 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	32.3	327.8	335.2	3619
3529 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	26.6	327.8	328.6	3457
3537 >E	Ramapo 345kV Voltage	SBK Marcy R3108	27.7	327.8	326.9	3309
3540 >E	Pleasant Valley 345kV Voltage	Marcy South N.	33.3	327.8	339.7	3724
3545 >E	Ladentown 345kV Voltage	SBK Princetown 345	27.0	327.8	328.1	3171
3545 >E	Coopers Corners 345kV Voltage	Marcy South N.	23.7	327.8	308.9	3725

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3549 >E	Ladentown 345kV Voltage	SBK Edic R70	27.3	327.8	327.9	3593
3552 >E	Ramapo 345kV Voltage	Ph2 DC 1500	31.3	327.8	335.8	3636
3552 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	27.3	327.8	327.8	3535
3552 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	27.3	327.8	327.8	3494
3554 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	80.8	500	500.2	3496
3561 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	44.8	218.5	225.5	2189
3561 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	44.8	218.5	225.5	2189
3562 >E	Ladentown 345kV Voltage	Volney-Marcy	27.5	327.8	327.5	3453
3563 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	81.6	500	500.0	3545
3565 >E	Niagara 230kV East Voltage	Ph2 DC 1500	46.5	218.5	223.8	3645
3565 >E	Niagara 230kV West Voltage	Ph2 DC 1500	46.5	218.5	223.8	3645
3565 >E	Niagara 230kV East Voltage	SBK Edic R945	45.1	218.5	225.4	2388
3565 >E	Niagara 230kV West Voltage	SBK Edic R945	45.1	218.5	225.4	2388
3565 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	45.1	218.5	225.4	2388
3565 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	45.1	218.5	225.4	2388
3566 >E	Ramapo 500kV Voltage	Pre-Fault	81.8	NA	500	3566
3572 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	26.6	327.8	328.7	3498
3576 >E	Ramapo 500kV Voltage	SBK Edic R70	83.6	500	499.9	3621
3578 >E	Ladentown 345kV Voltage	SBK Marcy R3108	27.9	327.8	326.8	3343
3583 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	26.5	327.8	328.7	3509
3588 >E	Bowline 1 345kV Voltage	SBK Princeton 345	27.0	327.8	328.1	3204
3593 >E	Bowline 1 345kV Voltage	SBK Edic R70	27.3	327.8	327.9	3638
3594 >E	Ladentown 345kV Voltage	Ph2 DC 1500	31.2	327.8	336.4	3664
3596 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	27.3	327.8	327.8	3579
3596 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	27.3	327.8	327.8	3537
3600 >E	Bowline 2 345kV Voltage	SBK Princeton 345	26.9	327.8	328.1	3213
3602 >E	Niagara 230kV East Voltage	Pre-Fault	81.8	NA	225	3602
3602 >E	Niagara 230kV West Voltage	Pre-Fault	81.8	NA	225	3602
3604 >E	Bowline 2 345kV Voltage	SBK Edic R70	27.3	327.8	327.9	3650
3606 >E	Bowline 1 345kV Voltage	Volney-Marcy	27.5	327.8	327.4	3494
3608 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	27.3	327.8	327.8	3590
3608 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	27.3	327.8	327.8	3548
3611 >E	Roseton 345kV Voltage	Ph2 DC 1500	29.5	327.8	335.8	3675
3617 >E	Bowline 2 345kV Voltage	Volney-Marcy	27.4	327.8	327.4	3504
3623 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	27.9	327.8	326.8	3380
3635 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	27.9	327.8	326.8	3390
3641 >E	Ramapo 345kV Voltage	Marcy South S.	28.9	327.8	323.0	3627

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\0R_CAPS\Sum2023_CEVC_Ph2_30_0R_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3642 >E	Ladentown 345kV Voltage	Marcy South S.	28.4	327.8	324.5	3627
3643 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	31.2	327.8	336.9	3696
3657 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	31.2	327.8	337.1	3705
3692 >E	Somerset 345kV Voltage	Marcy South S.	34.1	327.8	333.9	3639
3717 >E	Bowline 1 345kV Voltage	Marcy South S.	29.4	327.8	323.4	3645
3720 >E	Watercure 230kV Voltage	Ph2 DC 1500	37.5	207	226.3	3747
3734 >E	Coopers Corners 345kV Voltage	Marcy South S.	21.4	327.8	238.8	3649
3774 >E	Bowline 2 345kV Voltage	Marcy South S.	31.0	327.8	321.7	3658
3811 >E	Somerset 345kV Voltage	SBK Princetown 345	38.9	327.8	331.3	3377
3824 >E	Somerset 345kV Voltage	Ravenswood 3	40.0	327.8	331.0	3906
3892 >E	Somerset 345kV Voltage	Volney-Marcy	42.5	327.8	329.4	3759
3946 >E	Somerset 345kV Voltage	SBK Marcy R3108	46.2	327.8	328.2	3649
3955 >E	Niagara 230kV East Voltage	Marcy South S.	70.5	218.5	220.7	3702
3955 >E	Niagara 230kV West Voltage	Marcy South S.	70.5	218.5	220.7	3702
3963 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	44.8	327.8	327.9	3894
3965 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	44.9	327.8	327.8	3872
3965 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	44.9	327.8	327.8	3945
3970 >E	Niagara 230kV East Voltage	Ravenswood 3	71.9	218.5	220.5	4048
3970 >E	Niagara 230kV West Voltage	Ravenswood 3	71.9	218.5	220.5	4048
4007 >E	Roseton 345kV Voltage	Marcy South N.	44.9	327.8	335.8	3776
4013 >E	Millwood 345kV Voltage	Marcy South N.	59.4	327.8	333.5	3776
4029 >E	Niagara 230kV East Voltage	SBK Princetown 345	75.2	218.5	219.8	3546
4029 >E	Niagara 230kV West Voltage	SBK Princetown 345	75.2	218.5	219.8	3546
4032 >E	Dunwoodie 345kV Voltage	Marcy South N.	69.8	327.8	332.5	3778
4039 >E	Sprain Brook 345kV Voltage	Marcy South N.	69.7	327.8	332.5	3779
4066 >E	Somerset 345kV Voltage	SBK Edic R70	49.2	327.8	325.6	4121
4068 >E	Niagara 230kV East Voltage	SBK Marcy R3108	78.3	218.5	219.3	3749
4068 >E	Niagara 230kV West Voltage	SBK Marcy R3108	78.3	218.5	219.3	3749
4077 >E	Niagara 230kV East Voltage	Volney-Marcy	78.4	218.5	219.2	3930
4077 >E	Niagara 230kV West Voltage	Volney-Marcy	78.4	218.5	219.2	3930
4087 >E	Rock Tavern 345kV Voltage	Marcy South N.	45.2	327.8	322.5	3784
4100 >E	Rainey 345kV Voltage	Ravenswood 3	59.2	327.8	342.4	4176
4129 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	81.6	218.5	218.6	4056
4129 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	81.6	218.5	218.6	4056
4130 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	81.6	218.5	218.5	4029
4130 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	81.6	218.5	218.5	4029
4132 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	81.8	218.5	218.5	4110
4132 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	81.8	218.5	218.5	4110

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4159 >E	Niagara 230kV East Voltage	SBK Edic R70	83.7	218.5	218.2	4216
4159 >E	Niagara 230kV West Voltage	SBK Edic R70	83.7	218.5	218.2	4216
4169 >E	Farragut 345kV Voltage	Ravenswood 3	62.3	327.8	341.7	4243
4232 >E	Buchanan North 345kV Voltage	Marcy South N.	69.6	327.8	330.5	3800
4237 >E	Buchanan South 345kV Voltage	Marcy South N.	64.1	327.8	332.6	3801
4240 >E	Niagara 345kV Voltage	Marcy South N.	50.7	327.8	351.2	3801
4457 >E	Niagara 230kV East Voltage	Marcy South N.	115.1	218.5	232.1	3825
4457 >E	Niagara 230kV West Voltage	Marcy South N.	115.1	218.5	232.1	3825
4553 >E	Rainey 345kV Voltage	Pre-Fault	101.9	NA	338	4553
4560 >E	Farragut 345kV Voltage	Pre-Fault	105.7	NA	338	4560
4713 >E	Goethals 345kV Voltage	Ravenswood 3	83.9	327.8	340.7	4775
4738 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	69.6	327.8	336.2	2870
4738 >E	Rainey 345kV Voltage	SBK Edic R945	69.6	327.8	336.2	2870
4748 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	69.8	327.8	336.1	2441
4758 >E	Ramapo 345kV Voltage	Marcy South N.	76.5	327.8	328.5	3858
4765 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	72.0	327.8	336.1	2881
4765 >E	Farragut 345kV Voltage	SBK Edic R945	72.0	327.8	336.1	2881
4775 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	72.3	327.8	336.0	2447
4844 >E	Rainey 345kV Voltage	Marcy South S.	73.7	327.8	335.1	3914
4875 >E	Farragut 345kV Voltage	Marcy South S.	76.3	327.8	335.0	3921
4897 >E	Ladentown 345kV Voltage	Marcy South N.	79.1	327.8	328.7	3874
4992 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	74.1	327.8	364.7	2493
5020 >E	Niagara 345kV Voltage	SBK Edic R945	75.0	327.8	364.8	2986
5020 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	75.0	327.8	364.8	2986
5097 >E	Goethals 345kV Voltage	Pre-Fault	142.4	NA	338	5097
5119 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	82.7	207	233.2	2520
5125 >E	Gardenville 230kV Voltage	Ph2 DC 1500	82.1	207	224.4	4673
5144 >E	Gardenville 230kV Voltage	SBK Edic R945	83.7	207	233.2	3037
5144 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	83.7	207	233.2	3037
5258 >E	Bowline 1 345kV Voltage	Marcy South N.	87.6	327.8	326.2	3913
5280 >E	Bowline 2 345kV Voltage	Marcy South N.	87.1	327.8	327.6	3916
5365 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	96.2	327.8	336.1	3128
5365 >E	Goethals 345kV Voltage	SBK Edic R945	96.2	327.8	336.1	3128
5373 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	96.4	327.8	336.1	2574
5502 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	98.6	327.8	328.7	5335
5515 >E	Goethals 345kV Voltage	Marcy South S.	102.1	327.8	335.1	4074
5546 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	102.3	327.8	328.7	5377
5589 >E	Rainey 345kV Voltage	SBK Edic R70	101.9	327.8	327.8	5676
5595 >E	Rainey 345kV Voltage	Prinetown-N.Scot 345	102.0	327.8	327.8	5562
5604 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	102.3	327.8	327.7	5491

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5626 >E	Rainey 345kV Voltage	SBK Princetown 345	102.7	327.8	327.5	4787
5627 >E	Rainey 345kV Voltage	Volney-Marcy	102.9	327.8	327.5	5364
5635 >E	Farragut 345kV Voltage	SBK Edic R70	105.7	327.8	327.8	5723
5641 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	105.8	327.8	327.8	5607
5650 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	106.1	327.8	327.7	5535
5672 >E	Farragut 345kV Voltage	SBK Princetown 345	106.5	327.8	327.5	4823
5674 >E	Farragut 345kV Voltage	Volney-Marcy	106.8	327.8	327.5	5407
5683 >E	Rainey 345kV Voltage	SBK Marcy R3108	104.8	327.8	326.9	5089
5730 >E	Farragut 345kV Voltage	SBK Marcy R3108	108.7	327.8	326.9	5128
6019 >E	Rainey 345kV Voltage	Ph2 DC 1500	119.0	327.8	337.3	5262
6057 >E	Farragut 345kV Voltage	Ph2 DC 1500	122.9	327.8	337.2	5287
6426 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	137.8	327.8	328.7	6216
6547 >E	Goethals 345kV Voltage	SBK Edic R70	142.4	327.8	327.8	6653
6555 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	142.6	327.8	327.8	6513
6567 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	143.0	327.8	327.7	6427
6593 >E	Goethals 345kV Voltage	SBK Princetown 345	143.6	327.8	327.5	5538
6595 >E	Goethals 345kV Voltage	Volney-Marcy	143.9	327.8	327.5	6260
6668 >E	Goethals 345kV Voltage	SBK Marcy R3108	146.5	327.8	327.0	5906
7008 >E	Goethals 345kV Voltage	Ph2 DC 1500	161.4	327.8	337.8	5913
8031 >E	Gardenville 230kV Voltage	Marcy South N.	208.7	207	260.1	4219
8813 >E	Rainey 345kV Voltage	Marcy South N.	223.5	327.8	335.6	4305
8905 >E	Farragut 345kV Voltage	Marcy South N.	231.5	327.8	335.5	4315
9770 >E	Northport 138kV Voltage	Pre-Fault	779.7	NA	135	9770
10091 >E	Northport 138kV Voltage	SBK Edic R945	565.5	131.1	134.6	5070
10093 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	565.7	131.1	134.6	5071
10141 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	569.1	131.1	134.5	3587
10335 >E	Northport 138kV Voltage	Ravenswood 3	598.2	131.1	134.3	10276
10350 >E	Northport 138kV Voltage	Marcy South S.	587.0	131.1	134.3	5229
11065 >E	Goethals 345kV Voltage	Marcy South N.	318.3	327.8	335.8	4553
12538 >E	Northport 138kV Voltage	N.Scot-Leeds 345	758.5	131.1	131.5	12035
12557 >E	Gardenville 230kV Voltage	Marcy South S.	355.6	207	228.4	5756

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
12800 >E	Northport 138kV Voltage	SBK Edic R70	779.1	131.1	131.1	13036
12820 >E	Northport 138kV Voltage	Princetown-N.Scot 345	780.4	131.1	131.1	12727
12852 >E	Northport 138kV Voltage	361-362 D1b Ckt Twr 345	782.8	131.1	131.0	12540
12919 >E	Northport 138kV Voltage	Volney-Marcy	787.6	131.1	131.0	12110
12940 >E	Northport 138kV Voltage	SBK Princetown 345	789.0	131.1	130.9	10468
13091 >E	Northport 138kV Voltage	SBK Marcy R3108	800.7	131.1	130.7	11233
13866 >E	Gardenville 230kV Voltage	Ravenswood 3	397.9	207	227.5	13730
14732 >E	Northport 138kV Voltage	Ph2 DC 1500	933.3	131.1	135.3	11001
16469 >E	Gardenville 230kV Voltage	SBK Princetown 345	493.2	207	225.8	13209
22978 >E	Gardenville 230kV Voltage	Volney-Marcy	729.1	207	221.5	21417
26130 >E	Northport 138kV Voltage	Marcy South N.	1827.1	131.1	134.1	6214
26991 >E	Gardenville 230kV Voltage	SBK Marcy R3108	881.7	207	218.9	22762
29844 >E	Gardenville 230kV Voltage	Pre-Fault	1521.6	NA	217	29844
34954 >E	Watercure 230kV Voltage	Ravenswood 3	1308.7	207	330.3	34361
41114 >E	Gardenville 230kV Voltage	361-362 D1b Ckt Twr 345	1380.5	207	209.6	40032
41291 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	1386.9	207	209.5	39412
43828 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	1477.6	207	207.8	43480
50453 >E	Watercure 230kV Voltage	SBK Princetown 345	1922.9	207	377.7	39607
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

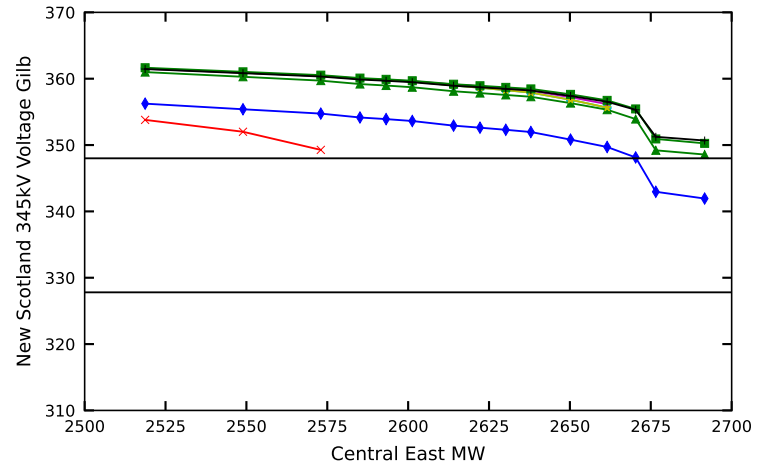
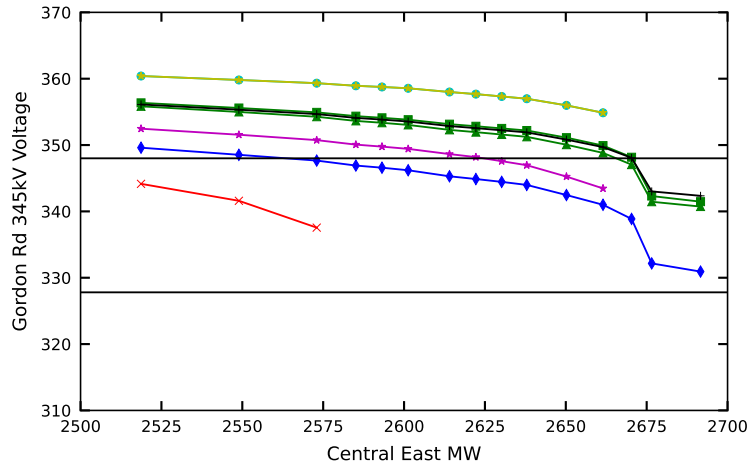
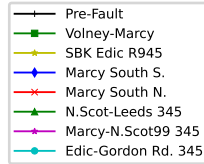
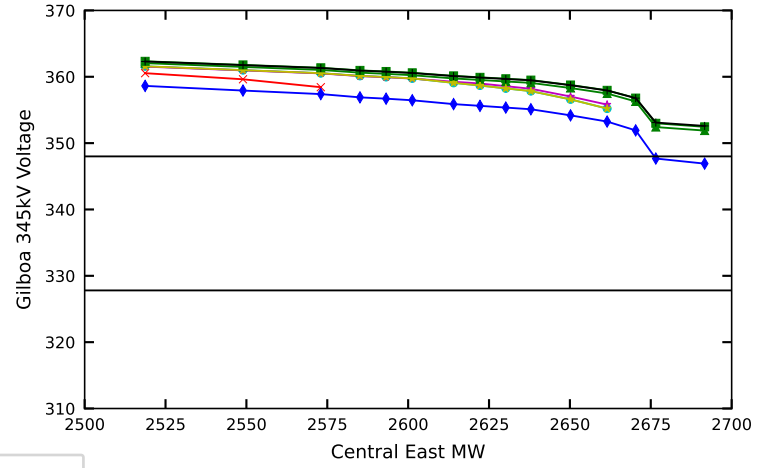
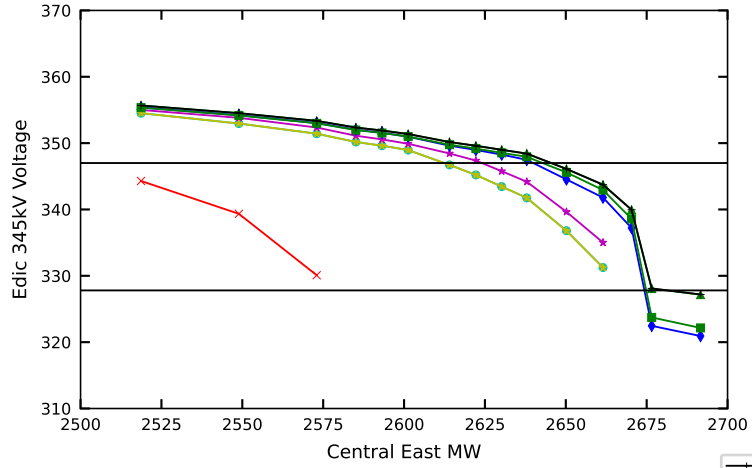
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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0R_CAPS

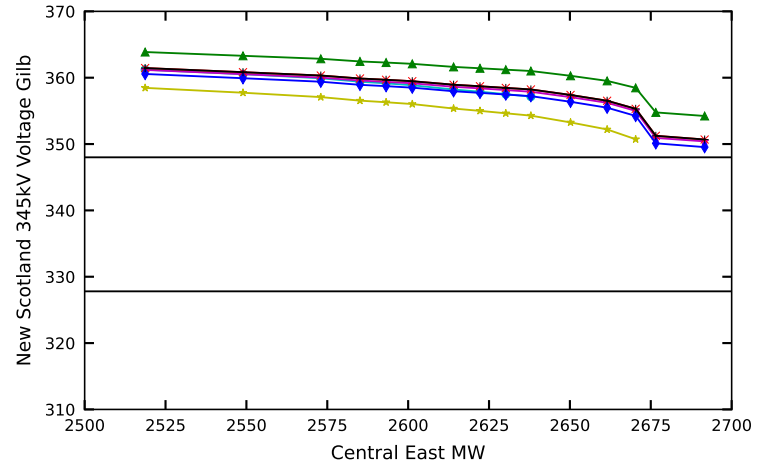
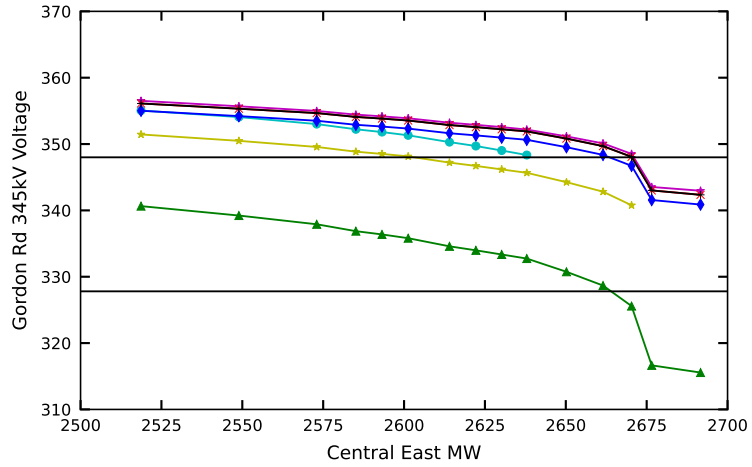
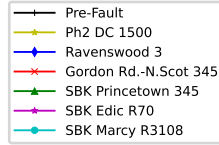
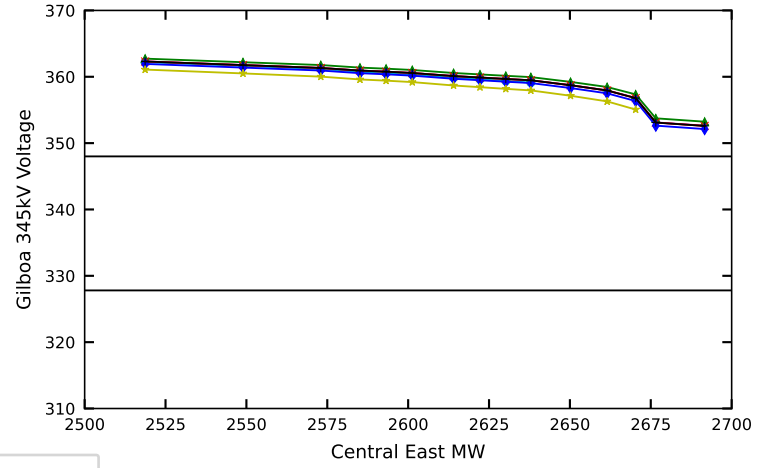
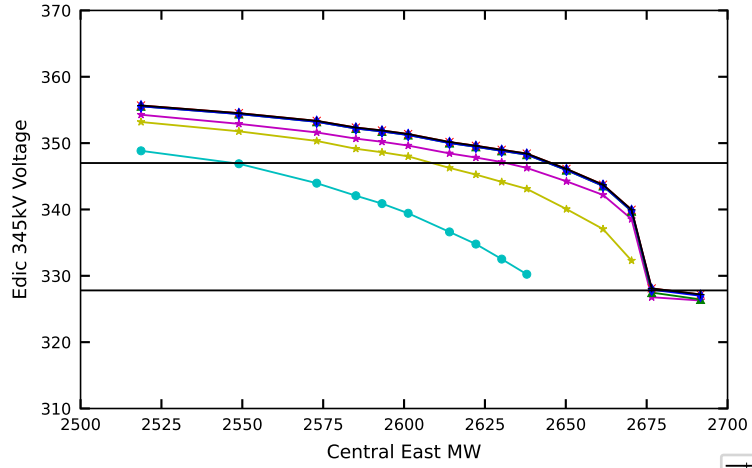
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99999	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99999
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Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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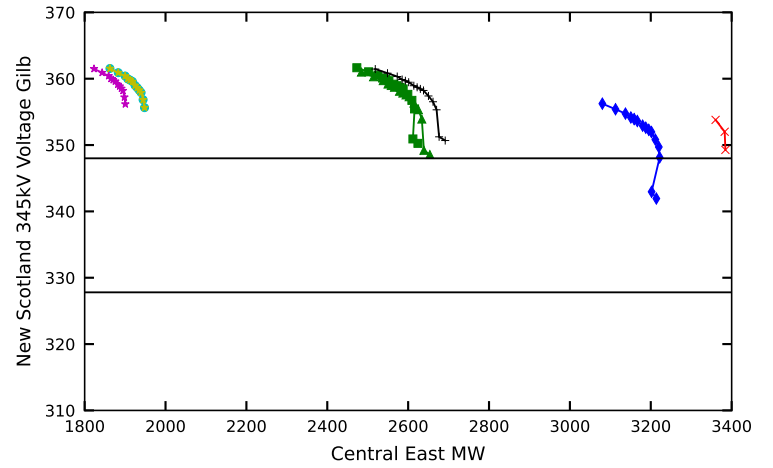
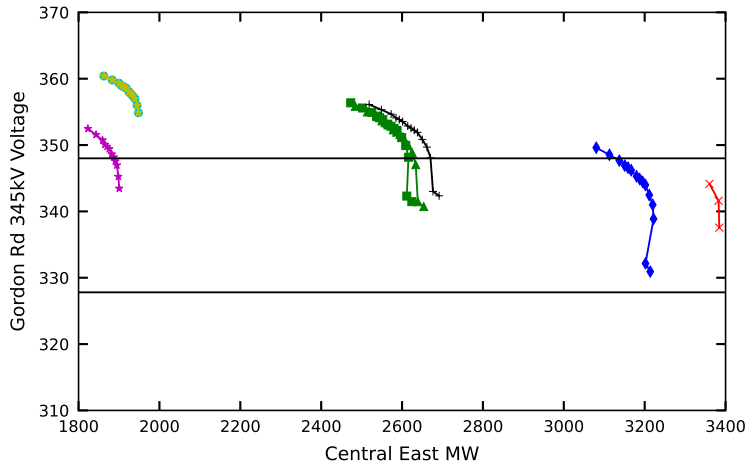
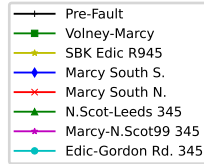
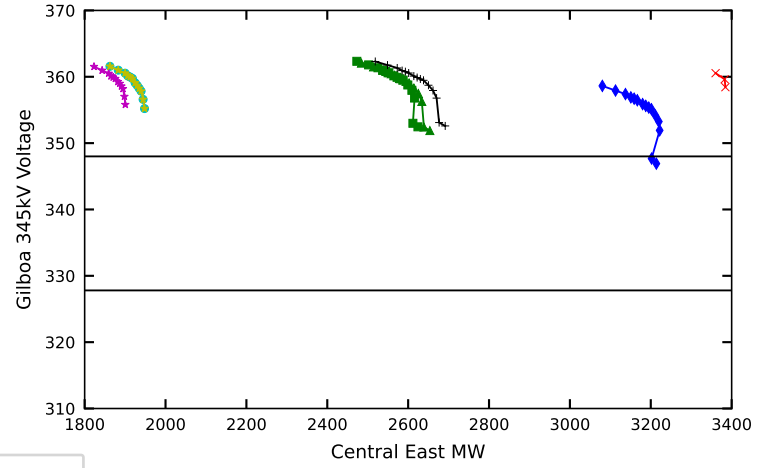
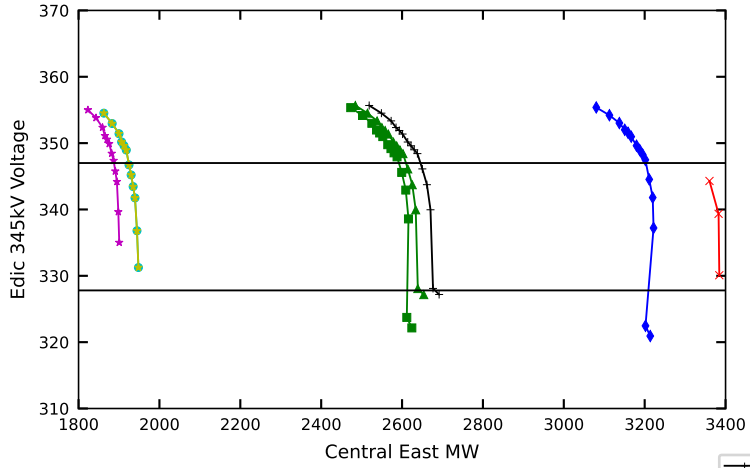
1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S Figure 1



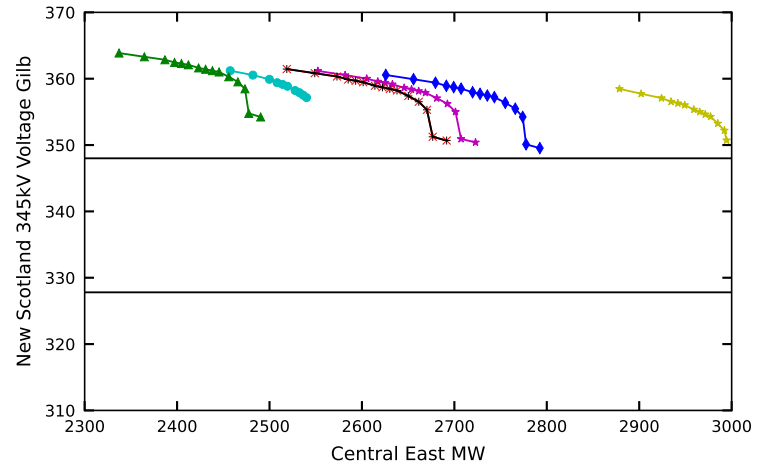
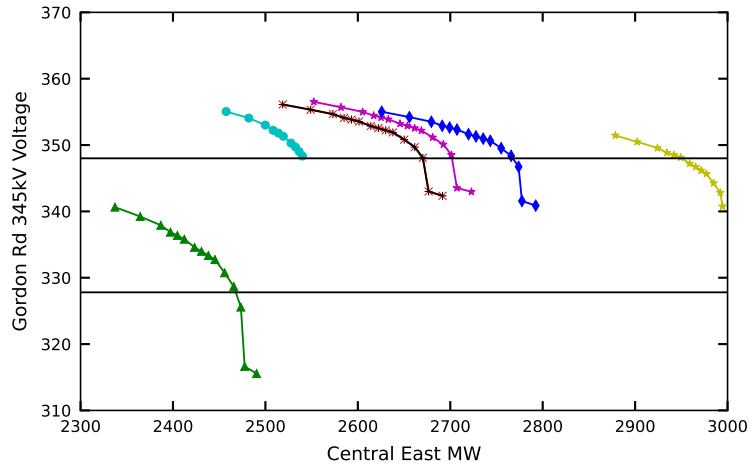
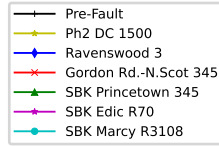
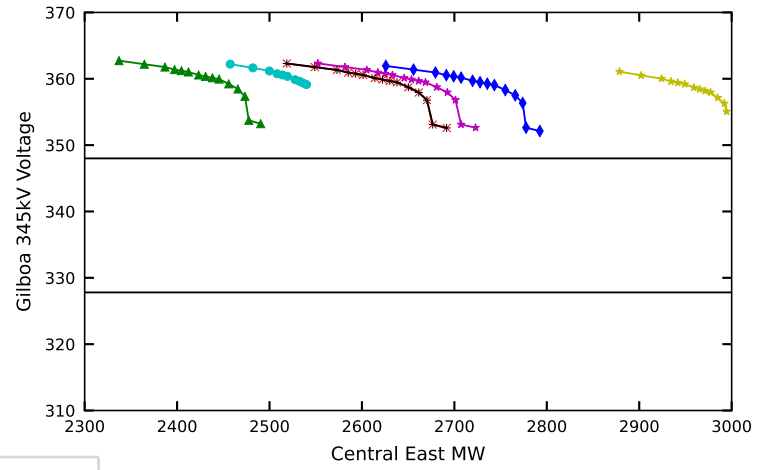
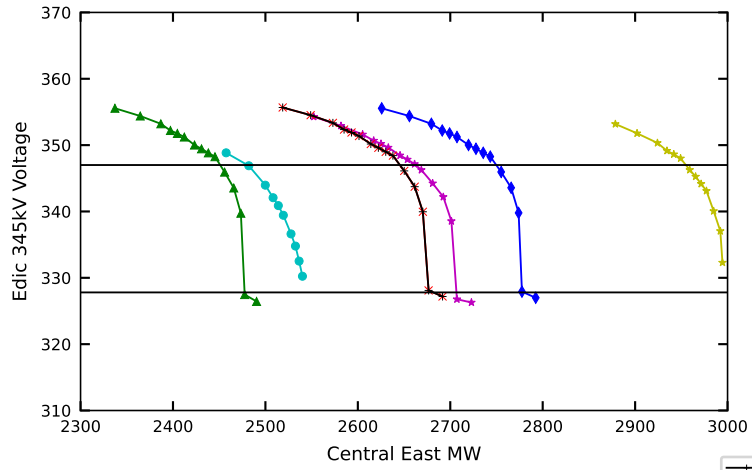
1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S Figure 2



1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S Figure 1



1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 3O 0S

Interface: Central East

Transfer MW		base	ce01	ce02	ce03	ce07	ce08	ce11	ce13	ce15	ce20	ce30	ce31	log09	log15
2518	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2548	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2573	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2585	t4	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2593	t5	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2601	t6	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2614	t7	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2622	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2630	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2637	t10	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2650	t11	0	0	0	0	2	0	0	0	2	0	0	0	0	0
2661	t12	0	0	0	0	2	0	0	0	2	0	0	0	0	0
2670	t13	0	2	1	0	2	0	2	0	2	0	0	0	0	0
2676	t14	0	2	2	0	2	0	2	0	2	0	0	0	0	2
2691	t15	0	2	2	0	2	0	2	0	2	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 3O 0S

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic- Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce02) Marcy- N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
ce03) N.Scot- Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce13) Volney- Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Prinetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Gordon Rd.-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2444	limit with 5% margin	Marcy South N.	NA	NA	NA	3215
2462 <E	Dunwoodie 345kV Voltage	Pre-Fault	97.8	NA	348	2462
2472 <E	Sprain Brook 345kV Voltage	Pre-Fault	98.0	NA	348	2472
2506	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2413
2528	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1850
2528	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1805
2528	limit with 5% margin	SBK Edic R945	NA	NA	NA	1850
2536	limit with 5% margin	Marcy South S.	NA	NA	NA	3060
2536	limit with 5% margin	Volney-Marcy	NA	NA	NA	2485
2536	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2844
2557	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2520
2557	limit with 5% margin	SBK Edic R70	NA	NA	NA	2586
2557	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2365
2557	limit with 5% margin	Gordon Rd.-N.Scot 345	NA	NA	NA	2557
2557	limit with 5% margin	Ravenswood 3	NA	NA	NA	2652
2570	Clay 345kV Voltage	Marcy South N.	2.4	327.8	353.0	3384
2578 >E	Edic 345kV Voltage	Marcy South N.	2.6	327.8	353.1	3384
2580 >E	Marcy 345kV Voltage	Marcy South N.	2.6	327.8	353.1	3385
2605 >E	Pannell Road 345kV Voltage	Marcy South N.	4.2	327.8	350.3	3386
2626 >E	Station 80 345kV Voltage	Marcy South N.	5.1	327.8	349.8	3388
2631 >E	Gordon Rd 345kV Voltage	Marcy South N.	5.9	327.8	353.1	3388
2638 >E	Clay 345kV Voltage	SBK Marcy R3108	2.8	327.8	348.4	2540
2640	Marcy 345kV Voltage	Pre-Fault	5.3	NA	348	2640
2643 >E	Oakdale 345kV Voltage	Marcy South N.	4.3	320	355.5	3389
2645	Edic 345kV Voltage	Pre-Fault	5.3	NA	347	2645
2646 >E	Edic 345kV Voltage	SBK Marcy R3108	3.4	327.8	347.8	2543
2654	Pannell Road 345kV Voltage	Pre-Fault	8.4	NA	346	2654
2655	Clay 345kV Voltage	Pre-Fault	4.5	NA	345	2655
2656	Station 80 345kV Voltage	Pre-Fault	9.6	NA	346	2656
2663	Gordon Rd 345kV Voltage	SBK Princetown 345	2.9	327.8	349.2	2467
2665 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	1.9	327.8	342.7	1949
2665 >E	Clay 345kV Voltage	SBK Edic R945	1.9	327.8	342.7	1949
2668 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.0	327.8	342.4	1950
2668 >E	Marcy 345kV Voltage	SBK Edic R945	2.1	327.8	342.4	1950
2668 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.0	327.8	342.3	1950
2668 >E	Edic 345kV Voltage	SBK Edic R945	2.0	327.8	342.2	1950
2670	Gordon Rd 345kV Voltage	Pre-Fault	1.2	NA	348	2670
2673	Millwood 345kV Voltage	Pre-Fault	5.1	NA	348	2673
2675	Clay 345kV Voltage	SBK Edic R70	0.5	327.8	329.1	2705
2675	Clay 345kV Voltage	SBK Princetown 345	0.4	327.8	328.8	2476
2675 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	2.3	327.8	340.5	1903

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2675	Clay 345kV Voltage	Ravenswood 3	0.5	327.8	328.3	2776
2675	Clay 345kV Voltage	N.Scot-Leeds 345	0.5	327.8	327.9	2638
2675	Clay 345kV Voltage	Gordon Rd.-N.Scot 345	0.5	327.8	327.8	2675
2676	Edic 345kV Voltage	SBK Edic R70	0.5	327.8	329.1	2706
2676	Edic 345kV Voltage	SBK Princetown 345	0.5	327.8	328.4	2477
2677	Oakdale 345kV Voltage	Pre-Fault	17.8	NA	335	2677
2677 >E	Clay 345kV Voltage	Ph2 DC 1500	1.7	327.8	336.2	2996
2677	Marcy 345kV Voltage	SBK Princetown 345	14.2	327.8	328.2	2478
2678	Edic 345kV Voltage	Ravenswood 3	16.5	327.8	328.0	2779
2678 >E	Edic 345kV Voltage	Ph2 DC 1500	1.9	327.8	336.4	2996
2679 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	2.4	327.8	340.0	1904
2679 >E	Marcy 345kV Voltage	Ph2 DC 1500	1.9	327.8	336.2	2996
2679 >E	Clay 345kV Voltage	Volney-Marcy	1.7	327.8	335.0	2623
2681	Edic 345kV Voltage	N.Scot-Leeds 345	16.5	327.8	327.8	2643
2681 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.4	327.8	339.7	1904
2681 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	4.8	327.8	345.7	2560
2681	Edic 345kV Voltage	Gordon Rd.-N.Scot 345	16.6	327.8	327.8	2681
2683	Marcy 345kV Voltage	SBK Edic R70	16.1	327.8	327.8	2714
2683	Marcy 345kV Voltage	Ravenswood 3	16.1	327.8	327.8	2784
2683	Marcy 345kV Voltage	N.Scot-Leeds 345	16.1	327.8	327.8	2645
2683	Marcy 345kV Voltage	Gordon Rd.-N.Scot 345	16.1	327.8	327.8	2683
2686 >E	Clay 345kV Voltage	Marcy South S.	1.8	327.8	332.0	3225
2688 >E	Edic 345kV Voltage	Marcy South S.	1.9	327.8	332.2	3226
2689 >E	Marcy 345kV Voltage	Marcy South S.	1.9	327.8	331.9	3226
2692 >E	Edic 345kV Voltage	Volney-Marcy	2.0	327.8	330.6	2632
2693 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	341.3	1958
2693 >E	Marcy 345kV Voltage	Volney-Marcy	2.1	327.8	330.0	2633
2693 >E	Pannell Road 345kV Voltage	SBK Edic R945	3.5	327.8	341.3	1958
2697 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	2.7	327.8	334.2	3001
2700 >E	Station 80 345kV Voltage	SBK Marcy R3108	5.5	327.8	344.5	2569
2701 >E	Pannell Road 345kV Voltage	Volney-Marcy	2.7	327.8	333.2	2638
2706 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.5	320	340.5	1962
2706 >E	Oakdale 345kV Voltage	SBK Edic R945	2.5	320	340.5	1962
2706 >E	Station 80 345kV Voltage	Ph2 DC 1500	3.3	327.8	334.0	3004
2706 >E	Pannell Road 345kV Voltage	Marcy South S.	2.8	327.8	331.5	3230
2706 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	4.1	327.8	340.8	1962
2707 >E	Station 80 345kV Voltage	SBK Edic R945	4.1	327.8	340.7	1962
2709 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	339.4	1910
2711 >E	Station 80 345kV Voltage	Volney-Marcy	3.2	327.8	332.7	2647
2714 >E	Oakdale 345kV Voltage	Ph2 DC 1500	2.1	320	327.5	3006
2716 >E	Gordon Rd 345kV Voltage	Marcy South S.	4.1	327.8	339.7	3232

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2717 >E	Oakdale 345kV Voltage	Volney-Marcy	2.1	320	326.3	2651
2717 >E	Buchanan North 345kV Voltage	Pre-Fault	63.2	NA	346	2717
2717 >E	Station 80 345kV Voltage	Marcy South S.	3.4	327.8	331.2	3233
2720 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.9	320	337.6	1912
2724 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	4.9	327.8	338.9	1913
2725 >E	Oakdale 345kV Voltage	Marcy South S.	2.2	320	322.9	3234
2726 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	4.3	327.8	337.9	3009
2729 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	344.6	1969
2729 >E	Fraser 345kV Voltage	SBK Edic R945	3.3	327.8	344.6	1969
2738 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	6.5	218.5	221.8	3012
2739 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.8	327.8	344.2	1972
2740 >E	Coopers Corners 345kV Voltage	SBK Edic R945	4.8	327.8	344.2	1972
2740 >E	St.Lawrence 230kV Voltage	Marcy South N.	13.7	218.5	233.0	3397
2747 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	342.0	1917
2753 >E	St.Lawrence 230kV Voltage	Volney-Marcy	7.0	218.5	219.9	2678
2754 >E	St.Lawrence 230kV Voltage	Marcy South S.	6.9	218.5	219.7	3241
2754 >E	Fraser 345kV Voltage	Marcy South S.	3.5	327.8	327.8	3241
2754 >E	Fraser 345kV Voltage	Volney-Marcy	3.5	327.8	327.8	2679
2754 >E	Fraser 345kV Voltage	Ph2 DC 1500	3.5	327.8	327.8	3016
2757 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.5	327.8	342.4	1919
2760 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	6.3	327.8	339.7	1920
2762 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.8	327.8	356.4	3398
2762 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.8	327.8	356.4	3398
2763 >E	New Scotland 345kV Voltage Alps	Pre-Fault	27.0	NA	348	2763
2763 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	27.0	NA	348	2763
2770 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.6	320	346.0	2602
2771 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	4.8	327.8	331.4	3021
2771 >E	Fraser 345kV Voltage	Pre-Fault	15.7	NA	338	2771
2772 >E	Gordon Rd 345kV Voltage	Volney-Marcy	5.0	327.8	329.3	2693
2774 >E	Watercure 230kV Voltage	Marcy South N.	10.5	207	232.4	3399
2778 >E	Somerset 345kV Voltage	Marcy South N.	9.8	327.8	353.3	3399
2778 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	10.1	218.5	226.5	1984
2779 >E	St.Lawrence 230kV Voltage	SBK Edic R945	10.2	218.5	226.4	1984
2784 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.6	327.8	339.6	3248
2784 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.6	327.8	339.6	3248
2788 >E	Coopers Corners 345kV Voltage	Volney-Marcy	5.1	327.8	328.1	2705
2789 >E	Ramapo 500kV Voltage	Ph2 DC 1500	24.9	500	506.0	3026
2791 >E	Rock Tavern 345kV Voltage	Pre-Fault	35.0	NA	348	2791
2801 >E	Coopers Corners 345kV Voltage	Pre-Fault	17.2	NA	338	2801
2804 >E	Somerset 345kV Voltage	Ph2 DC 1500	6.4	327.8	335.0	3030
2807 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	6.0	327.8	336.5	3030

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2807 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	6.0	327.8	336.5	3030
2815 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	12.5	218.5	224.7	1931
2817 >E	Somerset 345kV Voltage	Volney-Marcy	6.4	327.8	333.5	2726
2821 >E	St.Lawrence 230kV Voltage	Pre-Fault	52.1	NA	225	2821
2826 >E	Somerset 345kV Voltage	Marcy South S.	6.7	327.8	332.3	3258
2828 >E	Gilboa 345kV Voltage	Pre-Fault	29.7	NA	348	2828
2829 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	12.0	218.5	224.0	2000
2829 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	12.0	218.5	224.0	2000
2830 >E	Niagara 230kV East Voltage	SBK Edic R945	12.1	218.5	224.0	2000
2830 >E	Niagara 230kV West Voltage	SBK Edic R945	12.1	218.5	224.0	2000
2830 >E	Gilboa 345kV Voltage	Marcy South S.	6.6	327.8	335.9	3259
2832 >E	Pleasant Valley 345kV Voltage	Pre-Fault	51.3	NA	348	2832
2835 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	8.0	207	224.9	2002
2836 >E	Watercure 230kV Voltage	SBK Edic R945	8.0	207	224.9	2002
2854 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	13.6	218.5	222.6	1939
2854 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	13.6	218.5	222.6	1939
2859 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	6.8	327.8	329.3	2758
2859 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	6.8	327.8	329.3	2758
2859 >E	Watercure 230kV Voltage	Ph2 DC 1500	8.4	207	214.8	3044
2862 >E	Buchanan South 345kV Voltage	Pre-Fault	60.2	NA	346	2862
2864 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	26.3	500	505.8	2011
2865 >E	Ramapo 500kV Voltage	SBK Edic R945	26.3	500	505.8	2011
2866 >E	Gilboa 345kV Voltage	Ph2 DC 1500	7.2	327.8	331.3	3046
2872 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	11.4	327.8	342.4	2649
2877 >E	Watercure 230kV Voltage	Volney-Marcy	8.7	207	213.1	2771
2880 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	9.6	207	222.8	1944
2881 >E	Somerset 345kV Voltage	SBK Marcy R3108	11.2	327.8	347.1	2653
2885 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	8.2	327.8	342.2	2018
2886 >E	Gilboa 345kV Voltage	SBK Edic R945	8.2	327.8	342.2	2018
2889 >E	Gilboa 345kV Voltage	Volney-Marcy	7.6	327.8	328.3	2780
2891 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	10.5	327.8	349.9	2020
2893 >E	Somerset 345kV Voltage	SBK Edic R945	10.6	327.8	349.9	2020
2893 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	29.7	500	505.3	1947
2902 >E	Oakdale 345kV Voltage	SBK Princetown 345	16.4	320	322.3	2669
2907 >E	Watercure 230kV Voltage	Marcy South S.	9.4	207	210.3	3277
2917 >E	Oakdale 345kV Voltage	Ravenswood 3	17.1	320	321.5	3015
2918 >E	Marcy 345kV Voltage	SBK Marcy R3108	13.5	327.8	327.8	2670
2920 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	9.3	327.8	339.7	1952
2925 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	9.5	327.8	336.2	2030
2925 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	9.5	327.8	336.2	2030
2926 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	9.5	327.8	336.1	2030

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2926 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	9.5	327.8	336.1	2030
2932 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	15.7	327.8	327.8	2888
2932 >E	Fraser 345kV Voltage	SBK Edic R70	15.7	327.8	327.8	2972
2932 >E	Fraser 345kV Voltage	SBK Prinetown 345	15.7	327.8	327.8	2695
2932 >E	Fraser 345kV Voltage	Gordon Rd.-N.Scot 345	15.7	327.8	327.8	2932
2932 >E	Fraser 345kV Voltage	Ravenswood 3	15.7	327.8	327.8	3030
2934 >E	Coopers Corners 345kV Voltage	Ravenswood 3	17.3	327.8	330.3	3031
2936 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	10.1	327.8	322.1	2034
2936 >E	Gordon Rd 345kV Voltage	SBK Edic R945	10.2	327.8	322.1	2033
2939 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	17.7	320	320.2	2895
2943 >E	Oakdale 345kV Voltage	Gordon Rd.-N.Scot 345	17.8	320	320.0	2943
2945 >E	Coopers Corners 345kV Voltage	SBK Prinetown 345	16.5	327.8	329.7	2706
2956 >E	Coopers Corners 345kV Voltage	SBK Edic R70	17.3	327.8	329.0	2998
2960 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	20.8	327.8	330.5	2915
2967 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	17.1	327.8	328.4	2922
2970 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	10.9	327.8	332.7	1962
2970 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	10.9	327.8	332.7	1962
2977 >E	Coopers Corners 345kV Voltage	Gordon Rd.-N.Scot 345	17.2	327.8	327.8	2977
2979 >E	Oakdale 345kV Voltage	SBK Edic R70	20.6	320	318.0	3022
2979 >E	Gordon Rd 345kV Voltage	Ravenswood 3	22.0	327.8	329.7	3077
2980 >E	Watercure 230kV Voltage	SBK Marcy R3108	14.7	207	227.1	2699
2981 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	13.4	327.8	341.0	2048
2982 >E	Rock Tavern 345kV Voltage	SBK Edic R945	13.5	327.8	341.0	2047
2986 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	14.3	327.8	348.6	1965
2987 >E	Ramapo 500kV Voltage	Volney-Marcy	34.5	500	500.4	2854
2990 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	12.7	327.8	331.2	3079
2993 >E	Ramapo 345kV Voltage	Pre-Fault	61.1	NA	346	2993
3011 >E	Leeds 345kV Voltage	Marcy South S.	12.0	327.8	335.5	3301
3020 >E	Ramapo 500kV Voltage	Ravenswood 3	89.3	500	504.4	3117
3021 >E	Gordon Rd 345kV Voltage	Gordon Rd.-N.Scot 345	22.7	327.8	327.8	3021
3025 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	15.0	327.8	339.2	1973
3032 >E	Niagara 345kV Voltage	Ph2 DC 1500	12.7	327.8	337.2	3090
3034 >E	Niagara 230kV East Voltage	Ph2 DC 1500	26.6	218.5	224.4	3091
3034 >E	Niagara 230kV West Voltage	Ph2 DC 1500	26.6	218.5	224.4	3091
3038 >E	Rock Tavern 345kV Voltage	Volney-Marcy	14.3	327.8	327.8	2893
3050 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	21.3	327.8	331.2	2070
3050 >E	Dunwoodie 345kV Voltage	SBK Edic R945	21.3	327.8	331.2	2069
3064 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	22.0	327.8	331.4	2074
3064 >E	Sprain Brook 345kV Voltage	SBK Edic R945	22.0	327.8	331.4	2073
3069 >E	Niagara 345kV Voltage	Volney-Marcy	13.4	327.8	335.1	2916
3071 >E	Ladentown 345kV Voltage	Pre-Fault	60.7	NA	346	3071

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3078 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	22.6	327.8	330.1	1984
3081 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	21.5	327.8	335.7	2079
3082 >E	Buchanan North 345kV Voltage	SBK Edic R945	21.6	327.8	335.7	2079
3092 >E	Niagara 345kV Voltage	Marcy South S.	14.1	327.8	333.7	3321
3094 >E	Gordon Rd 345kV Voltage	SBK Edic R70	26.6	327.8	324.6	3141
3094 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	23.3	327.8	330.3	1987
3101 >E	Niagara 230kV East Voltage	Volney-Marcy	30.1	218.5	222.9	2940
3101 >E	Niagara 230kV West Voltage	Volney-Marcy	30.1	218.5	222.9	2940
3123 >E	Leeds 345kV Voltage	Ph2 DC 1500	14.5	327.8	327.8	3114
3123 >E	Leeds 345kV Voltage	Volney-Marcy	14.5	327.8	327.8	2957
3127 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	23.6	327.8	334.3	1993
3128 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	22.1	327.8	333.1	2094
3128 >E	Millwood 345kV Voltage	SBK Edic R945	22.1	327.8	333.1	2093
3132 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	48.8	218.5	219.0	2866
3132 >E	St.Lawrence 230kV Voltage	Ravenswood 3	51.1	218.5	219.0	3227
3134 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	24.1	327.8	332.7	3117
3135 >E	Niagara 230kV East Voltage	Marcy South S.	32.3	218.5	222.1	3331
3135 >E	Niagara 230kV West Voltage	Marcy South S.	32.3	218.5	222.1	3331
3140 >E	Pleasant Valley 345kV Voltage	Marcy South S.	21.5	327.8	330.8	3332
3142 >E	Roseton 345kV Voltage	Pre-Fault	54.3	NA	345	3142
3144 >E	Niagara 345kV Voltage	Marcy South N.	20.4	327.8	356.5	3427
3149 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	19.3	327.8	330.4	3121
3160 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	22.2	327.8	335.2	2104
3160 >E	St.Lawrence 230kV Voltage	Gordon Rd.-N.Scot 345	52.1	218.5	218.5	3160
3161 >E	Buchanan South 345kV Voltage	SBK Edic R945	22.3	327.8	335.2	2103
3162 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	52.2	218.5	218.5	3113
3166 >E	Ramapo 500kV Voltage	Marcy South S.	56.5	500	495.4	3338
3170 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	23.9	327.8	331.7	2002
3172 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	21.5	327.8	339.7	2108
3173 >E	Ramapo 345kV Voltage	SBK Edic R945	21.6	327.8	339.7	2107
3184 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	23.7	327.8	332.4	3134
3184 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	23.7	327.8	332.4	3134
3190 >E	Gilboa 345kV Voltage	Marcy South N.	20.2	327.8	350.2	3430
3192 >E	Millwood 345kV Voltage	Ph2 DC 1500	24.9	327.8	331.2	3133
3200 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	28.8	327.8	330.4	3135
3203 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	29.1	327.8	330.3	3135
3209 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	21.6	327.8	327.6	3021
3211 >E	Ramapo 345kV Voltage	Ph2 DC 1500	22.8	327.8	334.1	3138
3213 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	24.3	327.8	333.6	2011
3216 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	24.5	327.8	332.6	3139
3222 >E	Roseton 345kV Voltage	Ph2 DC 1500	20.4	327.8	330.6	3140

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3225 >E	Niagara 230kV East Voltage	Marcy South N.	45.4	218.5	233.1	3433
3225 >E	Niagara 230kV West Voltage	Marcy South N.	45.4	218.5	233.1	3433
3225 >E	Ramapo 500kV Voltage	Marcy South N.	68.7	500	506.8	3433
3227 >E	St.Lawrence 230kV Voltage	SBK Edic R70	59.5	218.5	217.2	3279
3228 >E	Fraser 345kV Voltage	SBK Marcy R3108	19.8	327.8	327.8	2815
3229 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	43.7	218.5	225.7	2815
3230 >E	Bowline 1 345kV Voltage	Pre-Fault	60.7	NA	345	3230
3234 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	22.7	327.8	339.9	2127
3235 >E	Ladentown 345kV Voltage	SBK Edic R945	22.7	327.8	339.9	2126
3238 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	24.1	327.8	338.0	2016
3242 >E	Leeds 345kV Voltage	Pre-Fault	47.1	NA	345	3242
3257 >E	Bowline 2 345kV Voltage	Pre-Fault	60.6	NA	345	3257
3259 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	21.2	327.8	339.4	2829
3259 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	21.2	327.8	339.4	2829
3263 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	26.3	327.8	329.5	3357
3263 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	26.3	327.8	329.5	3357
3267 >E	Leeds 345kV Voltage	Marcy South N.	22.2	327.8	354.4	3436
3268 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	22.6	327.8	342.1	2138
3269 >E	Bowline 1 345kV Voltage	SBK Edic R945	22.6	327.8	342.1	2137
3272 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	23.8	207	226.0	2139
3275 >E	Gardenville 230kV Voltage	SBK Edic R945	23.9	207	226.0	2139
3279 >E	Ladentown 345kV Voltage	Ph2 DC 1500	24.2	327.8	335.3	3156
3288 >E	Roseton 345kV Voltage	Volney-Marcy	22.6	327.8	327.7	3082
3291 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	24.5	327.8	331.7	2145
3292 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	24.6	327.8	331.6	2144
3294 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	23.4	327.8	336.3	2146
3295 >E	Roseton 345kV Voltage	SBK Edic R945	23.4	327.8	336.2	2145
3298 >E	Buchanan North 345kV Voltage	Volney-Marcy	31.2	327.8	327.4	3089
3307 >E	Dunwoodie 345kV Voltage	Volney-Marcy	35.2	327.8	327.3	3095
3307 >E	Sprain Brook 345kV Voltage	Volney-Marcy	35.0	327.8	327.3	3096
3308 >E	New Scotland 345kV Voltage Alps	Gordon Rd.-N.Scot 345	27.0	327.8	327.8	3308
3308 >E	New Scotland 345kV Voltage Gilb	Gordon Rd.-N.Scot 345	27.0	327.8	327.8	3308
3311 >E	Gardenville 230kV Voltage	Ph2 DC 1500	24.4	207	215.7	3164
3311 >E	Millwood 345kV Voltage	Volney-Marcy	30.5	327.8	327.3	3099
3314 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	25.7	327.8	338.0	2031
3318 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	24.2	327.8	337.6	3166
3323 >E	Dunwoodie 345kV Voltage	Ravenswood 3	60.5	327.8	335.1	3416
3329 >E	Sprain Brook 345kV Voltage	Ravenswood 3	60.4	327.8	335.1	3422
3338 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	24.8	327.8	340.9	2160
3340 >E	Bowline 2 345kV Voltage	SBK Edic R945	24.8	327.8	340.9	2159
3341 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	28.8	327.8	326.6	3398

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3341 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	28.8	327.8	326.6	3398
3343 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	26.3	327.8	329.9	2037
3352 >E	Niagara 345kV Voltage	SBK Marcy R3108	24.9	327.8	349.7	2873
3355 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	25.4	327.8	334.4	2039
3366 >E	Ramapo 500kV Voltage	SBK Princetown 345	84.5	500	500.4	3065
3367 >E	Gardenville 230kV Voltage	Marcy South N.	31.8	207	232.0	3443
3371 >E	Gardenville 230kV Voltage	Volney-Marcy	26.5	207	214.0	3144
3372 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	26.3	327.8	339.8	2042
3375 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	84.9	500	500.3	3320
3378 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	28.5	327.8	329.5	3323
3381 >E	Buchanan South 345kV Voltage	Volney-Marcy	31.4	327.8	327.3	3152
3384 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	26.2	327.8	336.1	3183
3396 >E	Gardenville 230kV Voltage	Marcy South S.	27.7	207	213.3	3392
3398 >E	Ramapo 500kV Voltage	SBK Edic R70	87.2	500	500.1	3457
3403 >E	Ramapo 500kV Voltage	Pre-Fault	86.7	NA	500	3403
3403 >E	Ramapo 500kV Voltage	Gordon Rd.-N.Scot 345	86.7	500	500.0	3403
3405 >E	Gilboa 345kV Voltage	Ravenswood 3	29.4	327.8	328.6	3497
3414 >E	Ramapo 345kV Voltage	Volney-Marcy	30.1	327.8	327.3	3176
3416 >E	Rock Tavern 345kV Voltage	Ravenswood 3	36.3	327.8	330.2	3507
3429 >E	Gilboa 345kV Voltage	Gordon Rd.-N.Scot 345	29.7	327.8	327.8	3429
3432 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	28.0	327.8	323.2	3122
3432 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	28.0	327.8	323.2	3122
3432 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	28.0	327.8	338.8	2055
3442 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	24.5	327.8	327.8	2192
3442 >E	Leeds 345kV Voltage	SBK Edic R945	24.5	327.8	327.8	2191
3442 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	24.5	327.8	327.8	2057
3444 >E	Gilboa 345kV Voltage	SBK Princetown 345	29.6	327.8	327.3	3132
3445 >E	Gilboa 345kV Voltage	SBK Edic R70	30.4	327.8	327.3	3506
3454 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	30.5	207	223.6	2059
3457 >E	Millwood 345kV Voltage	Ravenswood 3	55.8	327.8	334.4	3549
3474 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	34.3	327.8	328.5	3157
3484 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	34.6	327.8	328.2	3426
3487 >E	Rock Tavern 345kV Voltage	SBK Edic R70	35.1	327.8	328.1	3549
3492 >E	Millwood 345kV Voltage	Marcy South S.	39.6	327.8	321.3	3414
3496 >E	Dunwoodie 345kV Voltage	Marcy South S.	45.8	327.8	321.8	3415
3499 >E	Rock Tavern 345kV Voltage	Gordon Rd.-N.Scot 345	35.0	327.8	327.8	3499
3503 >E	Sprain Brook 345kV Voltage	Marcy South S.	45.8	327.8	321.6	3417
3504 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	31.8	327.8	324.5	2944
3513 >E	Roseton 345kV Voltage	Marcy South S.	30.9	327.8	317.8	3419
3518 >E	Buchanan North 345kV Voltage	Ravenswood 3	61.6	327.8	333.3	3608
3532 >E	Fraser 345kV Voltage	Marcy South N.	28.7	327.8	327.8	3455

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3548 >E	Ladentown 345kV Voltage	Volney-Marcy	33.8	327.8	327.2	3277
3558 >E	Niagara 230kV East Voltage	SBK Marcy R3108	62.2	218.5	229.8	2969
3558 >E	Niagara 230kV West Voltage	SBK Marcy R3108	62.2	218.5	229.8	2969
3594 >E	Buchanan South 345kV Voltage	Ravenswood 3	57.5	327.8	333.8	3683
3635 >E	Pleasant Valley 345kV Voltage	Marcy South N.	43.0	327.8	347.4	3463
3671 >E	Gilboa 345kV Voltage	SBK Marcy R3108	33.0	327.8	332.8	3021
3686 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	49.6	327.8	331.3	3775
3690 >E	Ramapo 500kV Voltage	SBK Marcy R3108	109.2	500	502.5	3030
3701 >E	Bowline 1 345kV Voltage	Volney-Marcy	37.4	327.8	327.1	3392
3701 >E	Buchanan South 345kV Voltage	Marcy South S.	44.7	327.8	316.9	3463
3711 >E	Bowline 2 345kV Voltage	Volney-Marcy	37.2	327.8	327.1	3400
3778 >E	Coopers Corners 345kV Voltage	Marcy South S.	26.9	327.8	141.4	3481
3790 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	66.6	327.8	328.2	3725
3793 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	66.4	327.8	328.2	3728
3810 >E	Dunwoodie 345kV Voltage	SBK Edic R70	67.9	327.8	327.9	3885
3813 >E	Sprain Brook 345kV Voltage	SBK Edic R70	67.7	327.8	327.9	3888
3815 >E	Dunwoodie 345kV Voltage	Gordon Rd.-N.Scot 345	67.8	327.8	327.8	3815
3819 >E	Sprain Brook 345kV Voltage	Gordon Rd.-N.Scot 345	67.5	327.8	327.8	3819
3821 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	58.8	327.8	328.3	3755
3822 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	49.8	327.8	328.7	3756
3822 >E	Buchanan North 345kV Voltage	Marcy South S.	52.7	327.8	310.3	3492
3827 >E	Rock Tavern 345kV Voltage	Marcy South S.	36.8	327.8	273.1	3493
3840 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	62.1	327.8	328.2	3773
3846 >E	Millwood 345kV Voltage	SBK Edic R70	60.1	327.8	327.9	3922
3850 >E	Millwood 345kV Voltage	Gordon Rd.-N.Scot 345	59.9	327.8	327.8	3850
3851 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	68.6	327.8	327.3	3479
3854 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	68.4	327.8	327.3	3481
3862 >E	Buchanan North 345kV Voltage	SBK Edic R70	63.5	327.8	327.9	3939
3866 >E	Buchanan North 345kV Voltage	SBK Princetown 345	62.8	327.8	327.8	3492
3867 >E	Buchanan North 345kV Voltage	Gordon Rd.-N.Scot 345	63.2	327.8	327.8	3867
3868 >E	Pleasant Valley 345kV Voltage	Gordon Rd.-N.Scot 345	51.3	327.8	327.8	3868
3870 >E	Gardenville 230kV Voltage	SBK Marcy R3108	47.0	207	227.2	3114
3872 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	51.6	327.8	327.7	3949
3883 >E	Millwood 345kV Voltage	SBK Princetown 345	60.6	327.8	327.2	3506
3898 >E	Ramapo 345kV Voltage	Ravenswood 3	63.5	327.8	331.2	3984
3913 >E	Ladentown 345kV Voltage	Ravenswood 3	61.5	327.8	332.1	3999
3927 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	59.1	327.8	328.3	3858
3927 >E	Roseton 345kV Voltage	Ravenswood 3	53.9	327.8	330.5	4012
3928 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	52.4	327.8	326.6	3545
3953 >E	Buchanan South 345kV Voltage	SBK Edic R70	60.4	327.8	327.9	4033
3957 >E	Buchanan South 345kV Voltage	Gordon Rd.-N.Scot 345	60.2	327.8	327.8	3957

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3977 >E	Buchanan South 345kV Voltage	SBK Princetown 345	60.4	327.8	327.5	3586
4016 >E	Bowline 1 345kV Voltage	Ravenswood 3	61.6	327.8	332.1	4100
4041 >E	Bowline 2 345kV Voltage	Ravenswood 3	61.5	327.8	332.1	4125
4051 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	53.5	327.8	328.3	3980
4052 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	47.1	327.8	327.8	3980
4052 >E	Leeds 345kV Voltage	SBK Edic R70	47.1	327.8	327.8	4136
4052 >E	Leeds 345kV Voltage	SBK Princetown 345	47.1	327.8	327.8	3650
4052 >E	Leeds 345kV Voltage	Gordon Rd.-N.Scot 345	47.1	327.8	327.8	4052
4052 >E	Leeds 345kV Voltage	Ravenswood 3	47.1	327.8	327.8	4136
4073 >E	Roseton 345kV Voltage	SBK Edic R70	54.5	327.8	327.9	4158
4076 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	60.2	327.8	328.3	4003
4076 >E	Roseton 345kV Voltage	Gordon Rd.-N.Scot 345	54.3	327.8	327.8	4076
4087 >E	Ramapo 345kV Voltage	SBK Princetown 345	60.4	327.8	328.1	3680
4089 >E	Roseton 345kV Voltage	SBK Princetown 345	54.4	327.8	327.6	3682
4099 >E	Ramapo 345kV Voltage	SBK Edic R70	61.4	327.8	327.9	4186
4104 >E	Ramapo 345kV Voltage	Gordon Rd.-N.Scot 345	61.1	327.8	327.8	4104
4145 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	59.8	327.8	328.3	4071
4169 >E	Ladentown 345kV Voltage	SBK Princetown 345	60.3	327.8	327.9	3750
4172 >E	Ladentown 345kV Voltage	SBK Edic R70	61.0	327.8	327.9	4262
4177 >E	Ladentown 345kV Voltage	Gordon Rd.-N.Scot 345	60.7	327.8	327.8	4177
4241 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	59.8	327.8	328.3	4165
4265 >E	Bowline 1 345kV Voltage	SBK Princetown 345	60.3	327.8	327.9	3832
4266 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	59.7	327.8	328.4	4189
4270 >E	Bowline 1 345kV Voltage	SBK Edic R70	61.0	327.8	327.9	4363
4274 >E	Bowline 1 345kV Voltage	Gordon Rd.-N.Scot 345	60.7	327.8	327.8	4274
4291 >E	Bowline 2 345kV Voltage	SBK Princetown 345	60.2	327.8	327.9	3854
4296 >E	Bowline 2 345kV Voltage	SBK Edic R70	60.9	327.8	327.9	4391
4300 >E	Bowline 2 345kV Voltage	Gordon Rd.-N.Scot 345	60.6	327.8	327.8	4300
4370 >E	Ramapo 345kV Voltage	Marcy South S.	62.7	327.8	295.0	3620
4379 >E	Ladentown 345kV Voltage	Marcy South S.	61.8	327.8	302.1	3622
4446 >E	Roseton 345kV Voltage	Marcy South N.	65.1	327.8	345.2	3523
4469 >E	Millwood 345kV Voltage	Marcy South N.	85.7	327.8	341.5	3525
4603 >E	Dunwoodie 345kV Voltage	Marcy South N.	105.2	327.8	339.2	3535
4606 >E	Sprain Brook 345kV Voltage	Marcy South N.	104.7	327.8	339.2	3535
4627 >E	Coopers Corners 345kV Voltage	Marcy South N.	56.8	327.8	306.2	3537
4679 >E	Bowline 1 345kV Voltage	Marcy South S.	69.0	327.8	300.4	3693
4691 >E	Bowline 2 345kV Voltage	Marcy South S.	68.4	327.8	300.2	3696
4736 >E	Buchanan North 345kV Voltage	Marcy South N.	97.8	327.8	338.8	3545
4762 >E	Buchanan South 345kV Voltage	Marcy South N.	91.1	327.8	341.8	3547
4847 >E	Leeds 345kV Voltage	SBK Marcy R3108	67.5	327.8	327.8	3570
4927 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	83.7	327.8	334.2	2658

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4930 >E	Rainey 345kV Voltage	SBK Edic R945	83.8	327.8	334.2	2654
5003 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	88.3	327.8	334.2	2682
5006 >E	Farragut 345kV Voltage	SBK Edic R945	88.4	327.8	334.2	2678
5058 >E	Rainey 345kV Voltage	Ph2 DC 1500	88.3	327.8	332.6	3628
5081 >E	Farragut 345kV Voltage	Ph2 DC 1500	91.0	327.8	332.6	3634
5105 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	90.1	327.8	332.6	2389
5175 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	92.7	327.8	324.2	3723
5190 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	95.1	327.8	332.6	2406
5223 >E	Rock Tavern 345kV Voltage	Marcy South N.	86.3	327.8	332.4	3581
5379 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	105.6	327.8	328.2	3817
5425 >E	Ramapo 345kV Voltage	Marcy South N.	105.7	327.8	339.8	3596
5619 >E	Ladentown 345kV Voltage	Marcy South N.	109.5	327.8	341.7	3611
5646 >E	Rainey 345kV Voltage	Volney-Marcy	110.1	327.8	327.2	4858
5686 >E	Farragut 345kV Voltage	Volney-Marcy	113.9	327.8	327.2	4888
5779 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	119.6	327.8	334.1	2925
5783 >E	Rainey 345kV Voltage	Ravenswood 3	150.4	327.8	340.5	5846
5784 >E	Goethals 345kV Voltage	SBK Edic R945	119.7	327.8	334.1	2920
5811 >E	Goethals 345kV Voltage	Ph2 DC 1500	120.6	327.8	333.1	3827
5972 >E	Farragut 345kV Voltage	Ravenswood 3	158.8	327.8	339.7	6032
6027 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	128.8	327.8	332.6	2574
6096 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	164.8	327.8	326.4	4152
6103 >E	Bowline 1 345kV Voltage	Marcy South N.	120.7	327.8	342.5	3647
6139 >E	Bowline 2 345kV Voltage	Marcy South N.	120.2	327.8	342.7	3649
6231 >E	Roseton 345kV Voltage	SBK Marcy R3108	126.8	327.8	325.7	4215
6333 >E	Rainey 345kV Voltage	Pre-Fault	222.8	NA	338	6333
6355 >E	Farragut 345kV Voltage	Pre-Fault	231.6	NA	338	6355
6544 >E	Rainey 345kV Voltage	Marcy South S.	143.4	327.8	318.8	4130
6589 >E	Millwood 345kV Voltage	SBK Marcy R3108	180.4	327.8	325.1	4382
6593 >E	Farragut 345kV Voltage	Marcy South S.	148.2	327.8	319.0	4142
6717 >E	Goethals 345kV Voltage	Volney-Marcy	155.4	327.8	327.2	5665
6786 >E	Ramapo 345kV Voltage	SBK Marcy R3108	162.7	327.8	326.1	4474
6805 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	177.4	327.8	325.6	4482
6816 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	218.7	327.8	324.5	4487
6843 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	221.4	327.8	324.3	4500
7395 >E	Goethals 345kV Voltage	Ravenswood 3	215.4	327.8	338.4	7437
7498 >E	Ladentown 345kV Voltage	SBK Marcy R3108	181.9	327.8	326.0	4805
7513 >E	Goethals 345kV Voltage	Pre-Fault	311.1	NA	338	7513
7938 >E	Goethals 345kV Voltage	Marcy South S.	202.3	327.8	319.1	4457
8323 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	201.4	327.8	326.0	5190
8381 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	200.4	327.8	325.9	5217
8498 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	219.0	327.8	328.3	8316

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
8606 >E	Rainey 345kV Voltage	SBK Edic R70	223.1	327.8	327.8	8868
8606 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	227.5	327.8	328.3	8422
8606 >E	Rainey 345kV Voltage	Gordon Rd.-N.Scot 345	222.8	327.8	327.8	8606
8715 >E	Farragut 345kV Voltage	SBK Edic R70	231.8	327.8	327.8	8982
8717 >E	Farragut 345kV Voltage	Gordon Rd.-N.Scot 345	231.6	327.8	327.8	8717
8724 >E	Rainey 345kV Voltage	SBK Princetown 345	226.4	327.8	327.3	7634
8841 >E	Farragut 345kV Voltage	SBK Princetown 345	235.4	327.8	327.3	7734
10547 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	305.9	327.8	328.2	10315
10678 >E	Goethals 345kV Voltage	SBK Edic R70	311.1	327.8	327.8	11022
10686 >E	Goethals 345kV Voltage	Gordon Rd.-N.Scot 345	311.1	327.8	327.8	10686
10854 >E	Goethals 345kV Voltage	SBK Princetown 345	316.7	327.8	327.3	9450
11601 >E	Northport 138kV Voltage	Ph2 DC 1500	701.2	131.1	133.1	5364
11623 >E	Rainey 345kV Voltage	Marcy South N.	330.6	327.8	344.0	4057
11740 >E	Farragut 345kV Voltage	Marcy South N.	341.8	327.8	343.6	4066
13510 >E	Northport 138kV Voltage	Volney-Marcy	850.7	131.1	130.8	10784
15059 >E	Goethals 345kV Voltage	Marcy South N.	474.8	327.8	343.5	4313
16355 >E	Northport 138kV Voltage	Marcy South S.	1075.3	131.1	127.4	6432
16546 >E	Northport 138kV Voltage	Pre-Fault	1570.3	NA	135	16546
19989 >E	Northport 138kV Voltage	Ravenswood 3	1389.5	131.1	132.8	19874
21713 >E	Rainey 345kV Voltage	SBK Marcy R3108	699.6	327.8	322.7	11432
21911 >E	Farragut 345kV Voltage	SBK Marcy R3108	721.5	327.8	323.0	11524
22383 >E	Northport 138kV Voltage	N.Scot-Leeds 345	1548.2	131.1	131.3	21857
22663 >E	Northport 138kV Voltage	SBK Edic R70	1570.3	131.1	131.1	23476
22670 >E	Northport 138kV Voltage	Gordon Rd.-N.Scot 345	1570.3	131.1	131.1	22670

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
22946 >E	Northport 138kV Voltage	SBK Princetown 345	1590.5	131.1	130.9	19761
29812 >E	Goethals 345kV Voltage	SBK Marcy R3108	1036.6	327.8	322.1	15207
47114 >E	Northport 138kV Voltage	Marcy South N.	3495.5	131.1	139.0	6698
99172 >E	Northport 138kV Voltage	SBK Marcy R3108	7581.1	131.1	127.9	47539
99998 >E	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
99998 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Gordon Rd.-N.Scot 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Gordon Rd.-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Niagara 230kV East Voltage	Pre-Fault	NA	NA	225	99998
99998	Niagara 230kV East Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Niagara 230kV East Voltage	SBK Edic R70	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Gordon Rd.-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	Niagara 230kV West Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Edic R70	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Gordon Rd.-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
>E						
99998	Pannell Road 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	Gordon Rd.-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Station 80 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

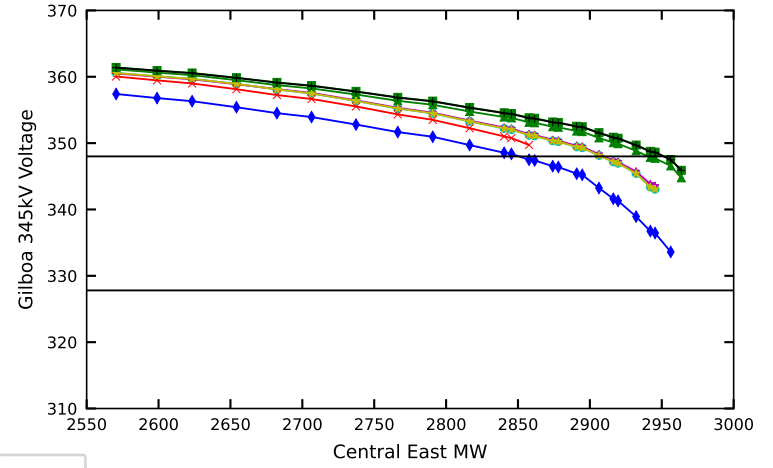
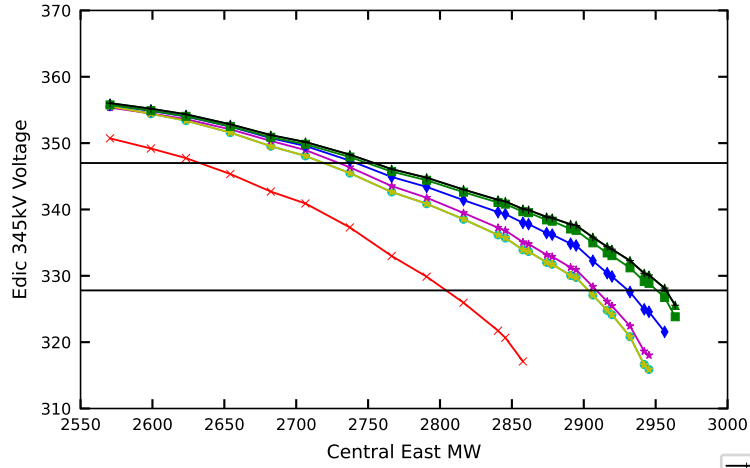
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\0S\Sum2023_CEVC_PH2_30_0S.xlsx

1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 0S

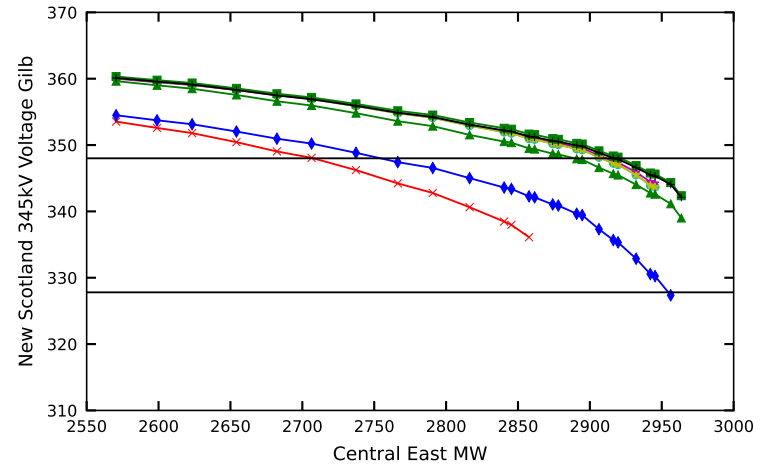
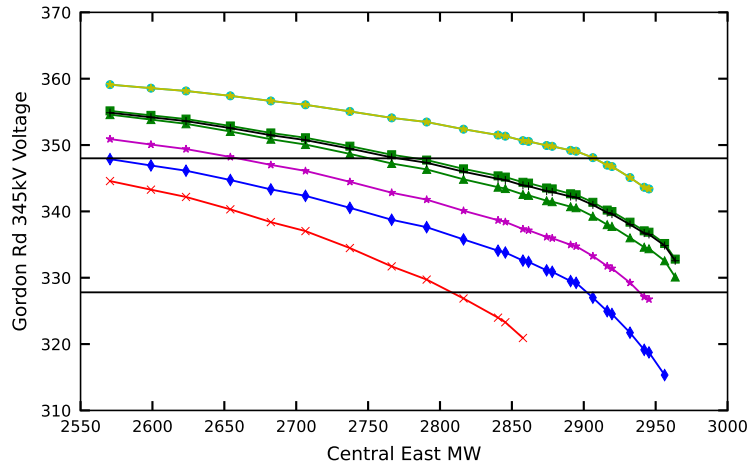
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Station 80 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	Gordon Rd.-N.Scot 345	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Gordon Rd.-N.Scot 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Gordon Rd.-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

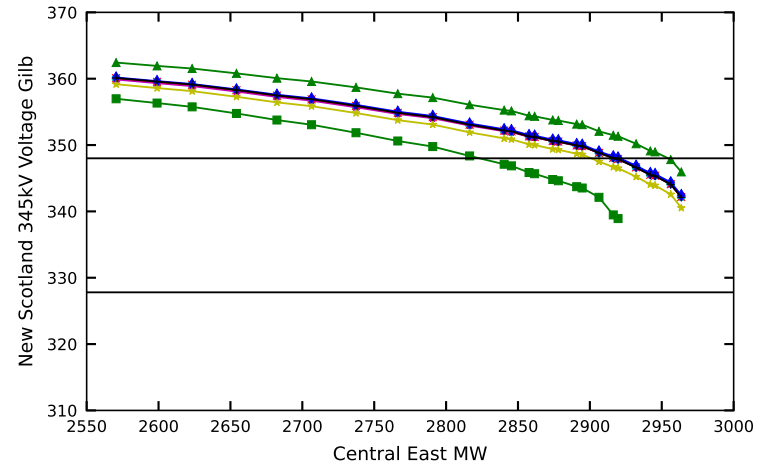
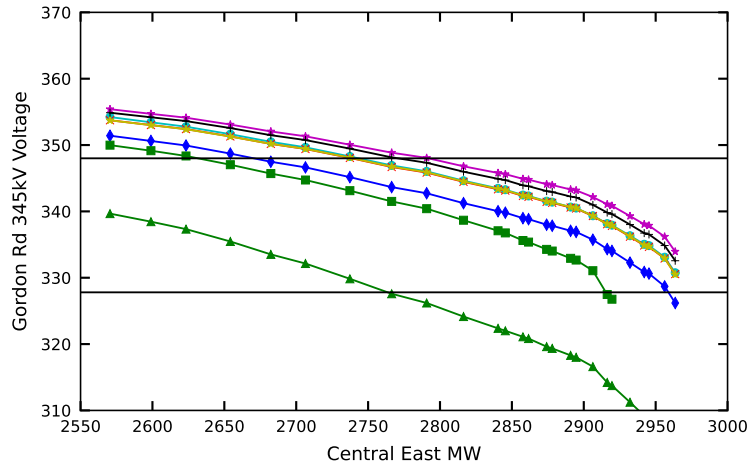
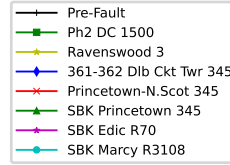
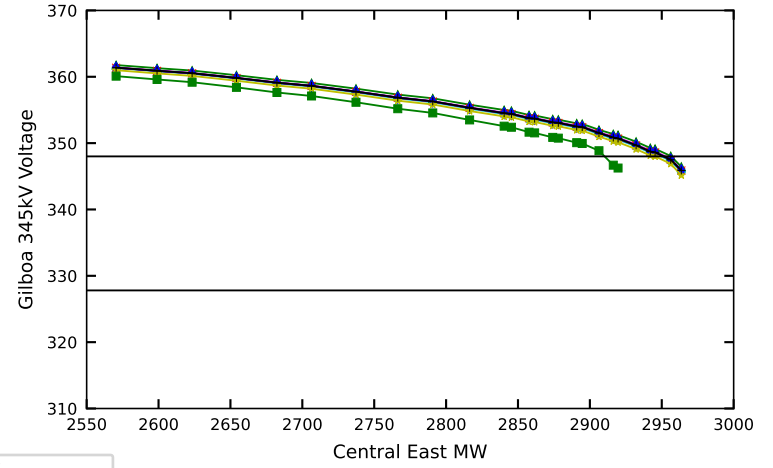
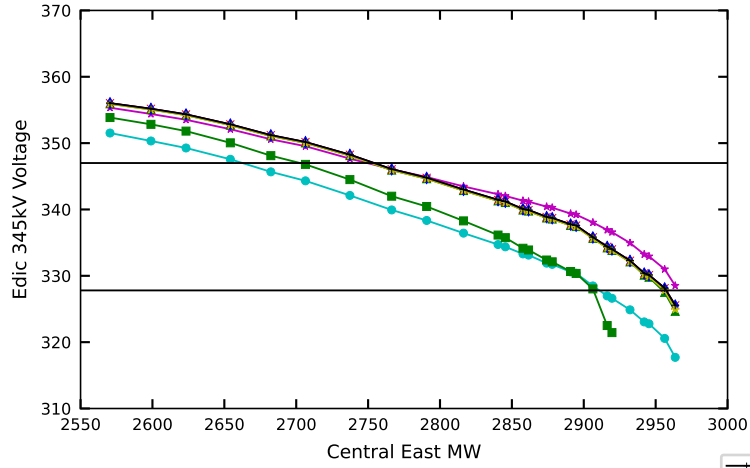
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS Figure 1



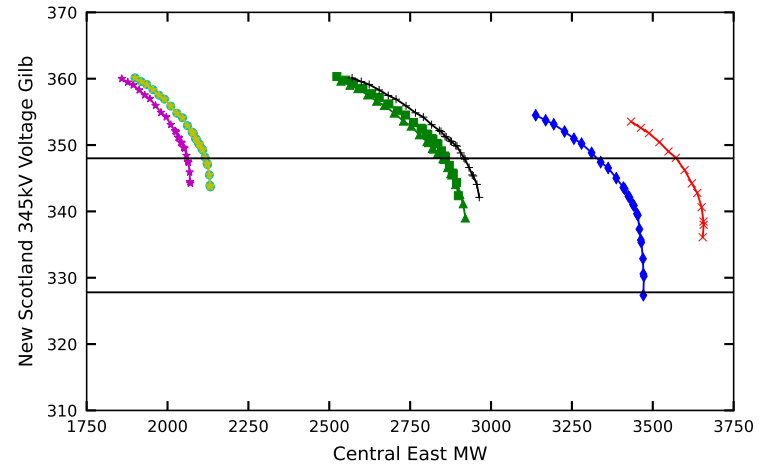
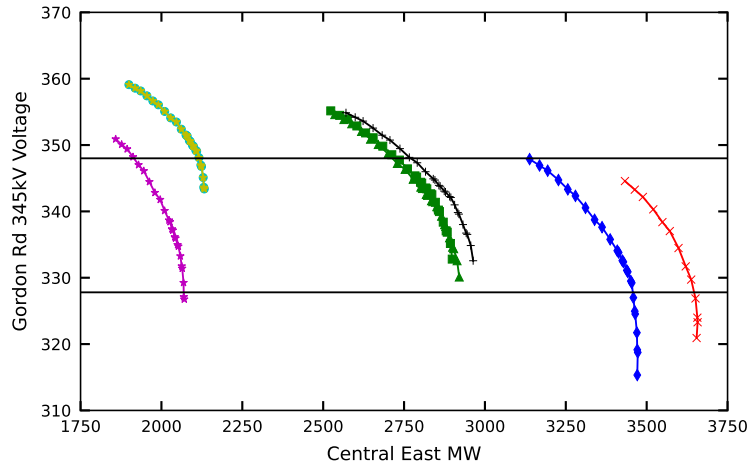
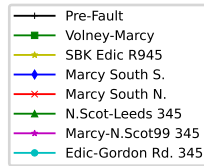
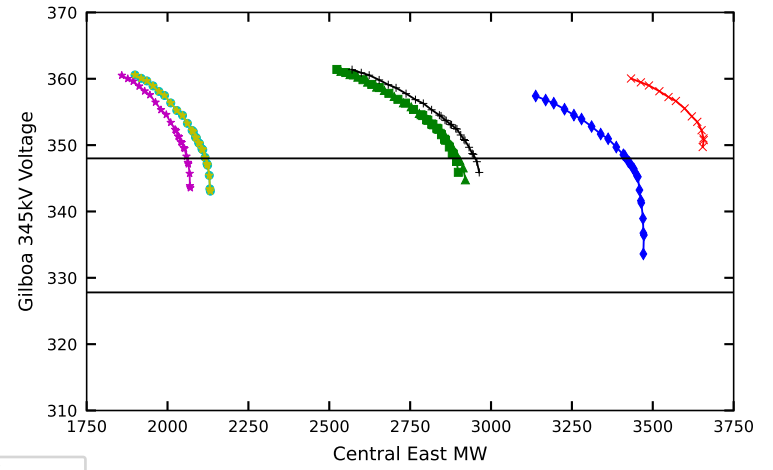
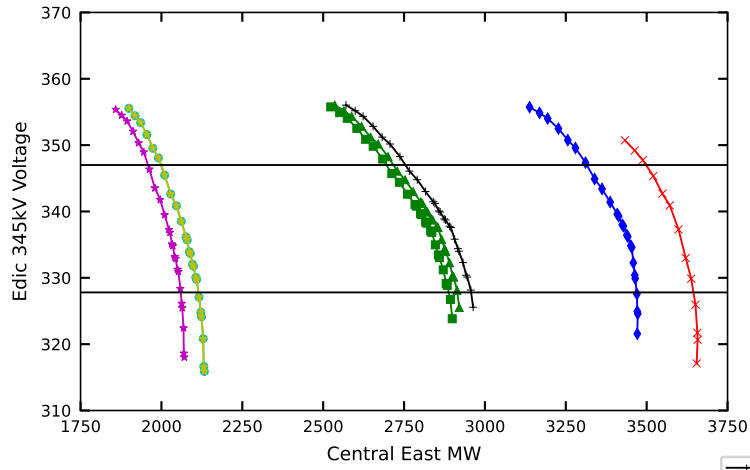
- +— Pre-Fault
- Volney-Marcy
- ▲— SBK Edic R945
- ◆— Marcy South S.
- x— Marcy South N.
- ▲— N.Scot-Leeds 345
- ◆— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



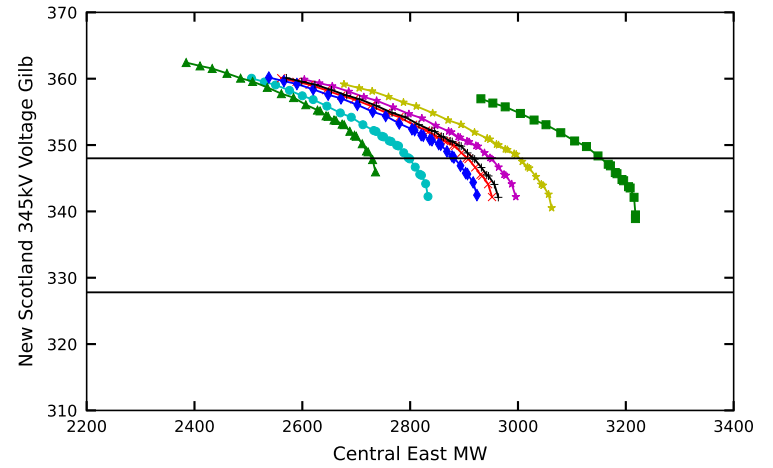
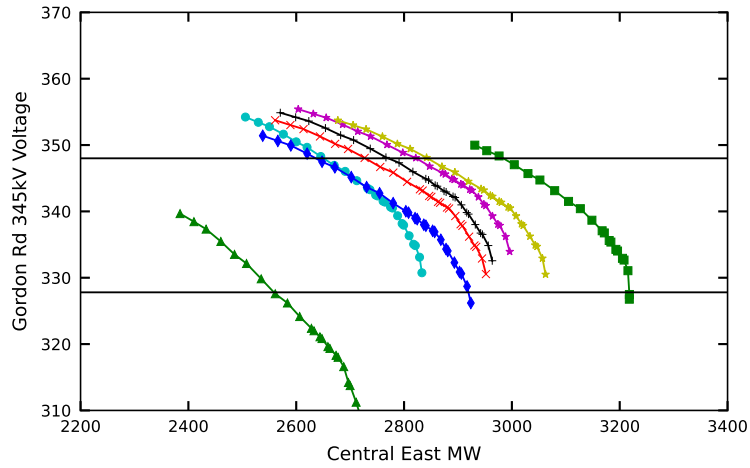
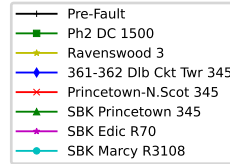
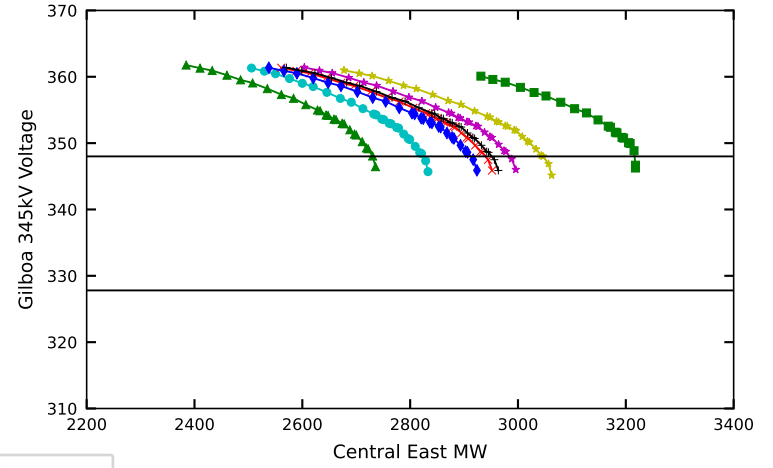
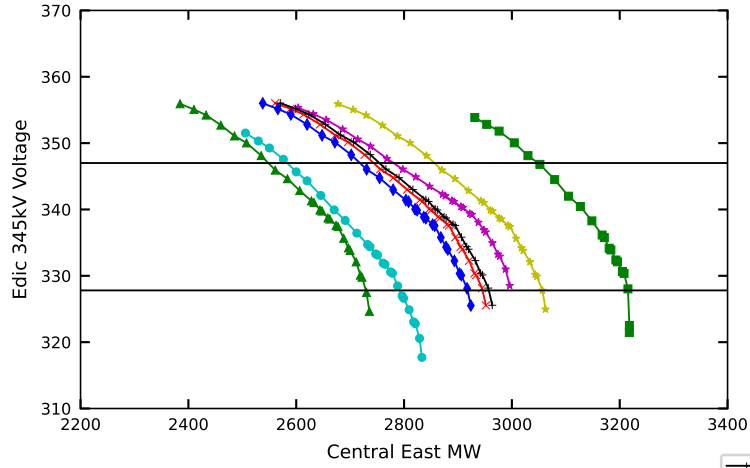
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS Figure 2



1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS Figure 1



1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS Figure 2



Voltage Contingency Analysis Procedure (VCAP)

03-02-2023 09:26

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\0VW_CAPS\Sum2023_CEVC_PH2_3O_0VW_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 3O 0VW_CAPS

Interface: Central East

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\0VW_CAPS\Sum2023_CEVC_Ph2_3O_0VW_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 3O 0VW_CAPS

Interface: Central East

own- N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ce32) 361- 362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
log09) Ravens wood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2369 <E	Dunwoodie 345kV Voltage	Pre-Fault	87.2	NA	348	2369
2379 <E	Sprain Brook 345kV Voltage	Pre-Fault	87.5	NA	348	2379
2648	Millwood 345kV Voltage	Pre-Fault	147.1	NA	348	2648
2703	limit with 5% margin	Marcy South N.	NA	NA	NA	3474
2741	Marcy 345kV Voltage	Pre-Fault	13.2	NA	348	2741
2754	Edic 345kV Voltage	Pre-Fault	13.3	NA	347	2754
2763	Gordon Rd 345kV Voltage	SBK Princetown 345	12.9	327.8	348.3	2558
2770	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3057
2770	Gordon Rd 345kV Voltage	Pre-Fault	29.9	NA	348	2770
2798	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2025
2798	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1967
2798	limit with 5% margin	Marcy South S.	NA	NA	NA	3298
2798	limit with 5% margin	SBK Edic R945	NA	NA	NA	2025
2804	Edic 345kV Voltage	Marcy South N.	6.5	327.8	343.8	3644
2806	Marcy 345kV Voltage	Marcy South N.	6.5	327.8	343.7	3645
2808	Gordon Rd 345kV Voltage	Marcy South N.	9.0	327.8	346.4	3646
2815	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2774
2815	limit with 5% margin	Volney-Marcy	NA	NA	NA	2753
2815	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2691
2815	limit with 5% margin	SBK Edic R70	NA	NA	NA	2846
2815	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2598
2815	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2804
2815	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2777
2815	limit with 5% margin	Ravenswood 3	NA	NA	NA	2909
2819	Buchanan North 345kV Voltage	Pre-Fault	81.1	NA	346	2819
2846 >E	Clay 345kV Voltage	Marcy South N.	5.7	327.8	346.9	3657
2859 >E	Oakdale 345kV Voltage	Marcy South N.	5.8	320	345.5	3659
2870	Pleasant Valley 345kV Voltage	Pre-Fault	45.7	NA	348	2870
2882	Pannell Road 345kV Voltage	Pre-Fault	29.7	NA	346	2882
2884	Station 80 345kV Voltage	Pre-Fault	27.9	NA	346	2884
2886	Clay 345kV Voltage	Pre-Fault	21.4	NA	345	2886
2900	Marcy 345kV Voltage	SBK Edic R945	4.3	327.8	336.6	2112
2900	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	336.6	2112
2902	Gordon Rd 345kV Voltage	Marcy South S.	5.2	327.8	341.4	3457
2903	Edic 345kV Voltage	SBK Edic R945	4.4	327.8	336.3	2114
2903	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	336.3	2114
2905 >E	Pannell Road 345kV Voltage	Marcy South N.	8.4	327.8	344.9	3667
2906	Edic 345kV Voltage	Ph2 DC 1500	1.8	327.8	335.8	3215
2906	Marcy 345kV Voltage	Ph2 DC 1500	1.8	327.8	335.6	3215
2908	Edic 345kV Voltage	Marcy-N.Scot99 345	4.5	327.8	335.5	2059

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2910	Edic 345kV Voltage	SBK Marcy R3108	6.6	327.8	335.2	2791
2912	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.5	327.8	334.8	2061
2915	Gordon Rd 345kV Voltage	Ph2 DC 1500	2.8	327.8	339.9	3217
2917	New Scotland 345kV Voltage Alps	Pre-Fault	19.0	NA	348	2917
2917	New Scotland 345kV Voltage Gilb	Pre-Fault	19.0	NA	348	2917
2922	Rock Tavern 345kV Voltage	Pre-Fault	18.9	NA	348	2922
2922	Buchanan South 345kV Voltage	Pre-Fault	29.4	NA	346	2922
2925 >E	Station 80 345kV Voltage	Marcy South N.	8.6	327.8	343.3	3670
2930	Edic 345kV Voltage	Marcy South S.	5.4	327.8	332.5	3469
2931 >E	Clay 345kV Voltage	Ph2 DC 1500	2.6	327.8	340.7	3222
2932	Marcy 345kV Voltage	Marcy South S.	3.8	327.8	332.2	3469
2933	Coopers Corners 345kV Voltage	SBK Edic R945	3.6	327.8	340.0	2129
2933	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	340.0	2129
2936	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	339.7	2068
2938	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	4.6	327.8	337.1	2068
2938 >E	Ramapo 500kV Voltage	Ph2 DC 1500	16.6	500	506.9	3223
2939	Oakdale 345kV Voltage	Pre-Fault	5.1	NA	335	2939
2941	Fraser 345kV Voltage	SBK Edic R945	2.7	327.8	338.9	2130
2941	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	338.9	2130
2943 >E	Oakdale 345kV Voltage	Ph2 DC 1500	2.5	320	335.3	3225
2943	Oakdale 345kV Voltage	SBK Edic R945	6.2	320	334.3	2131
2943	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	5.6	320	334.3	2131
2944	Clay 345kV Voltage	SBK Edic R945	5.2	327.8	339.2	2131
2944	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.7	327.8	339.2	2131
2946 >E	Fraser 345kV Voltage	Ph2 DC 1500	2.5	327.8	338.6	3226
2948 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	6.8	327.8	338.4	2071
2948	Fraser 345kV Voltage	Pre-Fault	5.5	NA	338	2948
2949 >E	New Scotland 345kV Voltage Alps	Marcy South N.	10.2	327.8	349.2	3674
2949 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	10.2	327.8	349.2	3674
2950 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	3.5	327.8	338.3	3226
2950	Edic 345kV Voltage	Volney-Marcy	5.1	327.8	329.1	2888
2950 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	4.8	218.5	228.0	3227
2951	Gilboa 345kV Voltage	Pre-Fault	9.9	NA	348	2951
2951 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	6.9	320	333.8	2073
2951	Coopers Corners 345kV Voltage	Pre-Fault	7.3	NA	338	2951
2952	Marcy 345kV Voltage	Volney-Marcy	5.1	327.8	328.8	2889
2954 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	338.2	2074
2954	Edic 345kV Voltage	SBK Princetown 345	4.8	327.8	328.4	2729
2955	Marcy 345kV Voltage	SBK Princetown 345	4.7	327.8	328.2	2729
2956	Edic 345kV Voltage	Ravenswood 3	5.1	327.8	328.2	3056
2956	Marcy 345kV Voltage	Ravenswood 3	2.6	327.8	328.0	3056

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2956	Marcy 345kV Voltage	N.Scot-Leeds 345	2.8	327.8	327.8	2914
2956	Marcy 345kV Voltage	SBK Marcy R3108	2.8	327.8	327.8	2829
2956	Marcy 345kV Voltage	SBK Edic R70	2.8	327.8	327.8	2989
2956	Marcy 345kV Voltage	Princeton-N.Scot 345	2.8	327.8	327.8	2945
2956	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	2.8	327.8	327.8	2917
2957	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.8	327.8	327.8	2917
2957	Edic 345kV Voltage	N.Scot-Leeds 345	2.8	327.8	327.8	2914
2957	Edic 345kV Voltage	Princeton-N.Scot 345	2.8	327.8	327.8	2945
2958	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	327.8	334.0	2919
2960 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	3.8	327.8	344.7	3229
2960 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	3.8	327.8	344.7	3229
2961	Ramapo 500kV Voltage	Ravenswood 3	3.2	500	505.1	3060
2964 >E	Ramapo 345kV Voltage	Pre-Fault	5.6	NA	346	2964
2964 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	4.7	327.8	340.8	3230
2965 >E	Edic 345kV Voltage	SBK Edic R70	3.0	327.8	324.8	2998
2967 >E	Clay 345kV Voltage	SBK Marcy R3108	3.3	327.8	334.7	2835
2970 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	330.4	2927
2970 >E	Ladentown 345kV Voltage	Pre-Fault	5.5	NA	346	2970
2970 >E	New Scotland 345kV Voltage Alps	Marcy South S.	10.4	327.8	344.2	3484
2970 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	10.4	327.8	344.2	3484
2970 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.1	320	325.5	2837
2971 >E	Gordon Rd 345kV Voltage	Ravenswood 3	3.0	327.8	330.0	3068
2972 >E	Gordon Rd 345kV Voltage	Princeton-N.Scot 345	3.1	327.8	329.9	2960
2972 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	3.1	327.8	329.7	2838
2973 >E	Coopers Corners 345kV Voltage	Ravenswood 3	2.9	327.8	332.0	3069
2976 >E	Oakdale 345kV Voltage	Volney-Marcy	2.2	320	323.1	2908
2976 >E	Ramapo 500kV Voltage	SBK Princeton 345	3.2	500	500.5	2745
2977 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	3.3	500	500.3	2933
2978 >E	Ramapo 500kV Voltage	Volney-Marcy	3.3	500	500.1	2910
2978 >E	Ramapo 500kV Voltage	SBK Edic R70	3.3	500	500.1	3010
2978 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	3.3	500	500.1	2937
2978 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	3.3	500	500.0	2966
2978 >E	Ramapo 500kV Voltage	Pre-Fault	3.3	NA	500	2978
2978 >E	Ramapo 500kV Voltage	SBK Marcy R3108	3.4	500	499.9	2841
2978 >E	Station 80 345kV Voltage	Ph2 DC 1500	5.7	327.8	340.7	3234
2979 >E	Oakdale 345kV Voltage	Ravenswood 3	2.2	320	321.9	3074
2979 >E	Gordon Rd 345kV Voltage	Volney-Marcy	3.1	327.8	327.7	2910

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2979 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.2	320	321.7	2747
2979 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	3.0	327.8	329.9	2747
2980 >E	Fraser 345kV Voltage	SBK Marcy R3108	2.7	327.8	327.8	2842
2980 >E	Fraser 345kV Voltage	SBK Edic R70	2.7	327.8	327.8	3013
2980 >E	Fraser 345kV Voltage	SBK Princetown 345	2.7	327.8	327.8	2747
2980 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	2.7	327.8	327.8	2939
2980 >E	Fraser 345kV Voltage	Ravenswood 3	2.7	327.8	327.8	3075
2980 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	327.8	2936
2980 >E	Fraser 345kV Voltage	Volney-Marcy	2.7	327.8	327.8	2911
2980 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	2.7	327.8	327.8	2968
2980 >E	Clay 345kV Voltage	Volney-Marcy	3.5	327.8	331.2	2912
2982 >E	Coopers Corners 345kV Voltage	SBK Edic R70	3.1	327.8	329.0	3015
2982 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.3	320	320.2	2942
2983 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.3	320	320.2	2938
2983 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.3	320	320.1	2971
2983 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.3	327.8	326.3	3016
2983 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	3.1	327.8	328.6	2939
2984 >E	Roseton 345kV Voltage	Pre-Fault	6.8	NA	345	2984
2985 >E	Oakdale 345kV Voltage	SBK Edic R70	2.3	320	319.3	3018
2985 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	3.1	327.8	328.2	2944
2985 >E	Dunwoodie 345kV Voltage	Ravenswood 3	5.0	327.8	335.4	3079
2985 >E	Bowline 2 345kV Voltage	Pre-Fault	5.3	NA	345	2985
2986 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	3.1	327.8	327.9	2974
2986 >E	Bowline 1 345kV Voltage	Pre-Fault	5.7	NA	345	2986
2986 >E	Sprain Brook 345kV Voltage	Ravenswood 3	5.1	327.8	335.4	3080
2987 >E	Clay 345kV Voltage	SBK Princetown 345	3.5	327.8	329.3	2753
2988 >E	Clay 345kV Voltage	Ravenswood 3	3.5	327.8	329.2	3081
2988 >E	Coopers Corners 345kV Voltage	Volney-Marcy	3.2	327.8	327.1	2918
2990 >E	St.Lawrence 230kV Voltage	Pre-Fault	12.8	NA	225	2990
2992 >E	Leeds 345kV Voltage	Pre-Fault	5.1	NA	345	2992
2993 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	3.8	327.8	327.9	2952
2993 >E	Clay 345kV Voltage	N.Scot-Leeds 345	3.8	327.8	327.9	2948
2993 >E	Clay 345kV Voltage	Princetown-N.Scot 345	3.8	327.8	327.8	2981
2998 >E	Buchanan North 345kV Voltage	Ravenswood 3	4.8	327.8	334.7	3089
2998 >E	Clay 345kV Voltage	SBK Edic R70	3.9	327.8	326.4	3032
2999 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	3.7	327.8	323.8	2853
3001 >E	Millwood 345kV Voltage	Ravenswood 3	5.1	327.8	335.1	3092

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3002 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	3.4	327.8	332.0	2956
3002 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	3.4	327.8	332.0	2956
3002 >E	Gilboa 345kV Voltage	Ph2 DC 1500	4.6	327.8	344.9	3241
3009 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	3.6	327.8	330.0	3098
3009 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	3.6	327.8	330.0	3098
3011 >E	Buchanan South 345kV Voltage	Ravenswood 3	5.1	327.8	335.0	3100
3011 >E	Clay 345kV Voltage	Marcy South S.	8.4	327.8	332.4	3503
3016 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	6.1	327.8	332.8	2863
3017 >E	Rock Tavern 345kV Voltage	Ravenswood 3	4.3	327.8	333.3	3104
3017 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	3.7	327.8	327.8	2940
3017 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	3.7	327.8	327.8	2940
3018 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	3.8	327.8	327.7	3005
3018 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	3.8	327.8	327.7	3005
3018 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	3.8	327.8	327.6	3052
3018 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	3.8	327.8	327.6	3052
3018 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	3.8	327.8	327.5	2865
3018 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	3.8	327.8	327.5	2865
3019 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	3.8	327.8	327.3	2977
3019 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	3.8	327.8	327.3	2977
3021 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	8.3	218.5	222.6	2866
3023 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	10.3	327.8	339.4	2166
3025 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	328.1	2977
3026 >E	Dunwoodie 345kV Voltage	SBK Edic R70	5.5	327.8	328.0	3060
3027 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	327.8	3014
3027 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	328.2	2979
3027 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	5.5	327.8	327.8	2984
3028 >E	Sprain Brook 345kV Voltage	SBK Edic R70	5.6	327.8	328.0	3062
3028 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	5.4	327.8	327.6	2782
3029 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	5.6	327.8	327.8	3016
3029 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	5.6	327.8	327.8	2986
3029 >E	Dunwoodie 345kV Voltage	Volney-Marcy	5.5	327.8	327.4	2949
3030 >E	Ramapo 345kV Voltage	Ravenswood 3	5.1	327.8	334.1	3114
3030 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	5.5	327.8	327.6	2784
3031 >E	Sprain Brook 345kV Voltage	Volney-Marcy	5.7	327.8	327.4	2951
3032 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	5.1	327.8	328.3	2983
3032 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	330.6	2984
3032 >E	Buchanan North 345kV Voltage	SBK Edic R70	5.2	327.8	328.1	3067

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3032 >E	Buchanan North 345kV Voltage	SBK Princetown 345	5.1	327.8	328.1	2786
3033 >E	Pannell Road 345kV Voltage	SBK Edic R945	11.6	327.8	339.1	2170
3033 >E	Pannell Road 345kV Voltage	Volney-Marcy	6.5	327.8	330.5	2952
3033 >E	Ladentown 345kV Voltage	Ravenswood 3	5.0	327.8	334.7	3117
3034 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	5.2	327.8	327.9	2991
3034 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	5.2	327.8	327.8	3021
3034 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	5.8	327.8	326.5	2874
3035 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	4.0	327.8	323.1	2787
3035 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	4.0	327.8	323.1	2787
3036 >E	Pannell Road 345kV Voltage	Ravenswood 3	6.4	327.8	330.0	3119
3036 >E	St.Lawrence 230kV Voltage	Volney-Marcy	9.3	218.5	221.4	2955
3036 >E	Buchanan North 345kV Voltage	Volney-Marcy	5.3	327.8	327.4	2955
3036 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	6.0	327.8	326.5	2875
3037 >E	Gilboa 345kV Voltage	Ravenswood 3	4.2	327.8	329.6	3120
3037 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	4.5	327.8	329.0	2789
3039 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	26.5	500	504.6	2173
3039 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	6.0	327.8	332.1	3121
3039 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	328.6	2990
3039 >E	Bowline 2 345kV Voltage	Ravenswood 3	4.8	327.8	334.8	3122
3039 >E	Rock Tavern 345kV Voltage	SBK Edic R70	4.6	327.8	328.5	3074
3040 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	328.3	2991
3040 >E	Pannell Road 345kV Voltage	SBK Princetown 345	6.6	327.8	329.4	2791
3041 >E	Millwood 345kV Voltage	SBK Edic R70	5.6	327.8	328.0	3076
3041 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	328.1	2998
3042 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.9	3029
3043 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	327.8	2999
3043 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	5.7	327.8	327.8	3030
3043 >E	Millwood 345kV Voltage	SBK Princetown 345	5.6	327.8	327.7	2794
3043 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	5.7	327.8	326.0	2880
3044 >E	Bowline 1 345kV Voltage	Ravenswood 3	5.2	327.8	334.9	3125
3044 >E	Gilboa 345kV Voltage	SBK Marcy R3108	4.5	327.8	328.1	2880
3044 >E	Gilboa 345kV Voltage	Marcy South S.	11.4	327.8	344.9	3518
3044 >E	Niagara 230kV East Voltage	Pre-Fault	10.6	NA	225	3044
3044 >E	Niagara 230kV West Voltage	Pre-Fault	10.6	NA	225	3044
3044 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	28.2	500	504.5	2112
3045 >E	Ramapo 500kV Voltage	SBK Edic R945	28.3	500	504.5	2175
3045 >E	Gilboa 345kV Voltage	Volney-Marcy	4.5	327.8	327.9	2961
3045 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	4.5	327.8	327.8	3032

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3045 >E	Millwood 345kV Voltage	Volney-Marcy	5.8	327.8	327.3	2962
3045 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	4.5	327.8	327.7	3002
3046 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	14.9	218.5	226.4	2176
3046 >E	Gilboa 345kV Voltage	SBK Edic R70	4.5	327.8	327.6	3081
3047 >E	Rock Tavern 345kV Voltage	Volney-Marcy	4.9	327.8	326.9	2963
3047 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	7.1	327.8	340.8	3253
3048 >E	St.Lawrence 230kV Voltage	Ravenswood 3	10.4	218.5	220.5	3128
3048 >E	Gilboa 345kV Voltage	SBK Princetown 345	4.6	327.8	327.1	2797
3049 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	328.3	2999
3049 >E	St.Lawrence 230kV Voltage	Marcy South N.	21.9	218.5	229.1	3690
3050 >E	Buchanan South 345kV Voltage	SBK Edic R70	5.6	327.8	328.1	3085
3051 >E	Station 80 345kV Voltage	SBK Marcy R3108	8.3	327.8	332.5	2884
3051 >E	Buchanan South 345kV Voltage	SBK Princetown 345	5.5	327.8	327.9	2799
3051 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	7.3	327.8	327.9	3008
3051 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	7.3	327.8	327.9	3002
3051 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	5.6	327.8	327.8	3008
3052 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	5.6	327.8	327.8	3039
3052 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	7.3	327.8	327.8	3039
3052 >E	Millwood 345kV Voltage	SBK Marcy R3108	6.1	327.8	326.1	2885
3054 >E	Buchanan South 345kV Voltage	Volney-Marcy	5.7	327.8	327.3	2969
3057 >E	St.Lawrence 230kV Voltage	SBK Edic R945	16.6	218.5	226.2	2181
3059 >E	Pannell Road 345kV Voltage	SBK Edic R70	7.5	327.8	326.9	3094
3061 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	13.6	327.8	338.1	2119
3061 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	6.2	327.8	328.6	3010
3061 >E	Ramapo 345kV Voltage	SBK Princetown 345	5.4	327.8	328.4	2807
3062 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	328.4	3011
3063 >E	Ramapo 345kV Voltage	SBK Edic R70	5.5	327.8	328.2	3098
3063 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	6.1	327.8	325.8	2891
3064 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	5.5	327.8	328.0	3020
3065 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	5.6	327.8	327.8	3052
3065 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	6.4	327.8	328.0	3100
3065 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	11.8	218.5	219.1	2809
3066 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	5.7	327.8	322.9	2893
3066 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.8	3053
3067 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	327.7	3022
3067 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	328.4	3016

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3068 >E	Ladentown 345kV Voltage	SBK Princetown 345	5.4	327.8	328.3	2811
3068 >E	Ramapo 345kV Voltage	Volney-Marcy	5.7	327.8	327.2	2979
3069 >E	Ladentown 345kV Voltage	SBK Edic R70	5.5	327.8	328.2	3104
3069 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	6.5	327.8	327.4	2980
3070 >E	Roseton 345kV Voltage	Ravenswood 3	6.3	327.8	332.3	3146
3070 >E	Station 80 345kV Voltage	Ravenswood 3	8.6	327.8	330.6	3146
3070 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	5.5	327.8	327.9	3026
3070 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	6.4	327.8	327.1	2813
3071 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	327.8	3058
3071 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	13.1	327.8	339.6	2187
3072 >E	Station 80 345kV Voltage	Volney-Marcy	9.0	327.8	330.5	2982
3073 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	5.2	327.8	328.4	3021
3073 >E	Bowline 2 345kV Voltage	SBK Princetown 345	5.2	327.8	328.3	2815
3074 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	12.8	218.5	218.5	3060
3074 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	12.8	218.5	218.5	3029
3074 >E	Ladentown 345kV Voltage	Volney-Marcy	5.6	327.8	327.2	2984
3074 >E	Bowline 2 345kV Voltage	SBK Edic R70	5.2	327.8	328.2	3110
3074 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	12.8	218.5	218.4	3023
3075 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	6.8	327.8	326.3	2899
3076 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	5.3	327.8	327.9	3031
3076 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	5.3	327.8	327.8	3063
3079 >E	Bowline 2 345kV Voltage	Volney-Marcy	5.4	327.8	327.2	2988
3080 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	5.1	327.8	327.8	3028
3080 >E	Leeds 345kV Voltage	Volney-Marcy	5.1	327.8	327.8	2988
3080 >E	Leeds 345kV Voltage	SBK Marcy R3108	5.1	327.8	327.8	2901
3080 >E	Leeds 345kV Voltage	SBK Edic R70	5.1	327.8	327.8	3115
3080 >E	Leeds 345kV Voltage	SBK Princetown 345	5.1	327.8	327.8	2820
3080 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	5.1	327.8	327.8	3067
3080 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	327.8	3035
3080 >E	Leeds 345kV Voltage	Ravenswood 3	5.1	327.8	327.8	3154
3080 >E	Leeds 345kV Voltage	Ph2 DC 1500	6.6	327.8	348.1	3261
3080 >E	Station 80 345kV Voltage	SBK Princetown 345	9.1	327.8	329.6	2820
3081 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	328.5	3029
3081 >E	Ramapo 345kV Voltage	SBK Marcy R3108	6.2	327.8	324.9	2902
3081 >E	Bowline 1 345kV Voltage	SBK Princetown 345	5.6	327.8	328.4	2821
3082 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	11.8	327.8	339.1	3262
3082 >E	Bowline 1 345kV Voltage	SBK Edic R70	5.7	327.8	328.2	3118

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3083 >E	St.Lawrence 230kV Voltage	SBK Edic R70	13.8	218.5	217.8	3119
3084 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	327.9	3038
3084 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	5.7	327.8	327.8	3071
3085 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	9.9	327.8	341.6	3263
3086 >E	Ladentown 345kV Voltage	SBK Marcy R3108	6.1	327.8	325.0	2905
3088 >E	Station 80 345kV Voltage	SBK Edic R945	14.9	327.8	339.2	2194
3088 >E	Bowline 1 345kV Voltage	Volney-Marcy	5.8	327.8	327.2	2995
3091 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	5.8	327.8	324.9	2908
3092 >E	Niagara 230kV East Voltage	Ravenswood 3	9.3	218.5	220.5	3163
3092 >E	Niagara 230kV West Voltage	Ravenswood 3	9.3	218.5	220.5	3163
3093 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	9.7	327.8	343.1	2197
3095 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	19.5	218.5	225.6	2134
3096 >E	Niagara 230kV East Voltage	SBK Marcy R3108	9.5	218.5	220.1	2910
3096 >E	Niagara 230kV West Voltage	SBK Marcy R3108	9.5	218.5	220.1	2910
3096 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	6.6	327.8	328.4	3043
3097 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	13.7	327.8	337.0	3266
3098 >E	Roseton 345kV Voltage	SBK Edic R70	6.7	327.8	328.2	3134
3098 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	13.8	327.8	337.0	3266
3098 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	10.1	327.8	327.9	3052
3098 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	10.2	327.8	327.8	3045
3098 >E	Millwood 345kV Voltage	Ph2 DC 1500	11.9	327.8	339.0	3266
3098 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	10.2	327.8	327.8	3085
3099 >E	Roseton 345kV Voltage	SBK Princetown 345	6.6	327.8	328.0	2834
3099 >E	Watercure 230kV Voltage	Marcy South N.	16.6	207	227.9	3698
3100 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	6.7	327.8	327.9	3054
3100 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	6.7	327.8	327.8	3087
3102 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	6.4	327.8	324.7	2914
3103 >E	Niagara 230kV East Voltage	Volney-Marcy	10.0	218.5	219.4	3006
3103 >E	Niagara 230kV West Voltage	Volney-Marcy	10.0	218.5	219.4	3006
3104 >E	Gilboa 345kV Voltage	SBK Edic R945	10.5	327.8	342.6	2201
3104 >E	Roseton 345kV Voltage	Volney-Marcy	6.9	327.8	327.2	3007
3106 >E	Niagara 230kV East Voltage	SBK Princetown 345	10.1	218.5	219.1	2839
3106 >E	Niagara 230kV West Voltage	SBK Princetown 345	10.1	218.5	219.1	2839
3107 >E	Station 80 345kV Voltage	SBK Edic R70	10.5	327.8	327.0	3143
3110 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	11.6	327.8	340.4	3270
3112 >E	Niagara 230kV East Voltage	SBK Edic R70	10.5	218.5	218.6	3148
3112 >E	Niagara 230kV West Voltage	SBK Edic R70	10.5	218.5	218.6	3148
3112 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr	10.5	218.5	218.5	3066

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3112 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	10.5	218.5	218.5	3066
3112 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	10.5	218.5	218.5	3058
3112 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	10.5	218.5	218.5	3058
3113 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	10.5	218.5	218.5	3099
3113 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	10.5	218.5	218.5	3099
3117 >E	Fraser 345kV Voltage	Marcy South S.	15.9	327.8	327.8	3552
3120 >E	Roseton 345kV Voltage	SBK Marcy R3108	7.5	327.8	324.9	2925
3120 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	11.1	327.8	342.1	2145
3126 >E	Ramapo 345kV Voltage	Ph2 DC 1500	11.2	327.8	342.3	3274
3127 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	17.5	327.8	338.2	2148
3129 >E	Somerset 345kV Voltage	Ph2 DC 1500	10.6	327.8	345.6	3275
3135 >E	Oakdale 345kV Voltage	Marcy South S.	13.4	320	321.2	3560
3140 >E	Ladentown 345kV Voltage	Ph2 DC 1500	11.3	327.8	343.1	3277
3144 >E	Watercure 230kV Voltage	Ph2 DC 1500	10.8	207	233.9	3279
3146 >E	Roseton 345kV Voltage	Ph2 DC 1500	10.7	327.8	343.5	3279
3149 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	13.1	327.8	324.4	2221
3157 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	13.3	327.8	335.6	2225
3157 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	13.3	327.8	335.6	2225
3158 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	11.2	327.8	344.2	3282
3161 >E	Ramapo 500kV Voltage	Marcy South N.	45.0	500	504.1	3708
3162 >E	Gordon Rd 345kV Voltage	SBK Edic R945	13.9	327.8	323.6	2226
3162 >E	Ramapo 500kV Voltage	Marcy South S.	36.5	500	501.7	3573
3163 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	11.2	327.8	344.5	3284
3170 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	14.2	327.8	335.0	2229
3170 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	14.2	327.8	335.0	2229
3171 >E	Leeds 345kV Voltage	Marcy South S.	14.8	327.8	347.3	3577
3171 >E	Somerset 345kV Voltage	Marcy South N.	16.2	327.8	345.9	3709
3195 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	15.2	327.8	333.8	2177
3195 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	15.2	327.8	333.8	2177
3226 >E	Rainey 345kV Voltage	Ravenswood 3	14.4	327.8	340.7	3268
3229 >E	Pannell Road 345kV Voltage	Marcy South S.	22.9	327.8	332.2	3604
3229 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	20.4	327.8	339.1	2256
3245 >E	Farragut 345kV Voltage	Ravenswood 3	15.3	327.8	340.0	3283
3252 >E	Rock Tavern 345kV Voltage	SBK Edic R945	22.1	327.8	338.4	2265
3271 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	22.8	327.8	337.9	2209
3285 >E	Rainey 345kV Voltage	Pre-Fault	21.6	NA	338	3285
3291 >E	Farragut 345kV Voltage	Pre-Fault	22.7	NA	338	3291
3306 >E	Fraser 345kV Voltage	Marcy South N.	21.4	327.8	327.8	3731
3309 >E	Gilboa 345kV Voltage	Marcy South N.	20.2	327.8	343.3	3731

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3343 >E	St.Lawrence 230kV Voltage	Marcy South S.	43.6	218.5	221.5	3657
3370 >E	Station 80 345kV Voltage	Marcy South S.	31.2	327.8	332.0	3669
3376 >E	Leeds 345kV Voltage	Marcy South N.	21.1	327.8	350.0	3742
3383 >E	Goethals 345kV Voltage	Ravenswood 3	20.8	327.8	339.1	3392
3403 >E	Pleasant Valley 345kV Voltage	Marcy South S.	37.8	327.8	339.7	3684
3418 >E	Goethals 345kV Voltage	Pre-Fault	31.4	NA	338	3418
3441 >E	Gardenville 230kV Voltage	Pre-Fault	27.2	NA	217	3441
3442 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	23.8	327.8	344.3	2350
3489 >E	Niagara 345kV Voltage	Ph2 DC 1500	21.4	327.8	350.3	3371
3495 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	21.2	327.8	328.3	3410
3500 >E	Rainey 345kV Voltage	SBK Edic R70	21.4	327.8	328.0	3548
3501 >E	Rainey 345kV Voltage	SBK Princetown 345	21.4	327.8	328.0	3126
3504 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	21.5	327.8	327.9	3439
3505 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	21.6	327.8	327.8	3486
3507 >E	Somerset 345kV Voltage	SBK Edic R945	26.9	327.8	343.4	2376
3512 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	22.3	327.8	328.3	3426
3514 >E	Rainey 345kV Voltage	Volney-Marcy	21.9	327.8	327.4	3323
3517 >E	Farragut 345kV Voltage	SBK Edic R70	22.5	327.8	328.0	3565
3518 >E	Farragut 345kV Voltage	SBK Princetown 345	22.5	327.8	328.0	3139
3521 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	22.6	327.8	327.9	3455
3522 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	22.7	327.8	327.8	3503
3532 >E	Farragut 345kV Voltage	Volney-Marcy	23.0	327.8	327.4	3336
3532 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	44.3	327.8	334.8	2389
3545 >E	Niagara 230kV East Voltage	Ph2 DC 1500	44.9	218.5	231.3	3386
3545 >E	Niagara 230kV West Voltage	Ph2 DC 1500	44.9	218.5	231.3	3386
3547 >E	Gardenville 230kV Voltage	Ravenswood 3	21.4	207	213.1	3520
3551 >E	Rainey 345kV Voltage	SBK Marcy R3108	23.3	327.8	325.7	3178
3565 >E	Gardenville 230kV Voltage	SBK Marcy R3108	22.2	207	212.5	3186
3570 >E	Farragut 345kV Voltage	SBK Marcy R3108	24.5	327.8	325.7	3189
3581 >E	Buchanan North 345kV Voltage	SBK Edic R945	48.0	327.8	334.1	2408
3597 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	48.4	327.8	333.9	2348
3610 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	31.2	327.8	341.9	2354
3618 >E	Gardenville 230kV Voltage	Volney-Marcy	23.9	207	210.5	3402
3618 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	38.9	327.8	337.1	2427
3637 >E	Gardenville 230kV Voltage	SBK Princetown 345	24.6	207	209.8	3225
3658 >E	Pleasant Valley 345kV Voltage	Marcy South N.	44.1	327.8	343.3	3787
3678 >E	Ramapo 345kV Voltage	SBK Edic R945	42.4	327.8	336.1	2450
3695 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	42.8	327.8	335.9	2390
3707 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	27.0	207	207.3	3606

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3707 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	27.0	207	207.2	3633
3712 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	27.2	207	207.1	3690
3713 >E	Gardenville 230kV Voltage	SBK Edic R70	27.2	207	207.0	3767
3717 >E	Niagara 345kV Voltage	Marcy South N.	31.6	327.8	349.3	3797
3724 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	30.8	327.8	328.3	3621
3732 >E	Goethals 345kV Voltage	SBK Edic R70	31.1	327.8	328.0	3786
3732 >E	Goethals 345kV Voltage	SBK Princetown 345	31.0	327.8	328.0	3294
3736 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	31.3	327.8	327.9	3661
3738 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	31.4	327.8	327.8	3716
3751 >E	Goethals 345kV Voltage	Volney-Marcy	31.8	327.8	327.4	3504
3759 >E	Niagara 230kV East Voltage	Marcy South N.	65.0	218.5	230.5	3803
3759 >E	Niagara 230kV West Voltage	Marcy South N.	65.0	218.5	230.5	3803
3778 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	44.3	327.8	337.7	2497
3803 >E	Goethals 345kV Voltage	SBK Marcy R3108	33.8	327.8	325.7	3326
3821 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	54.4	327.8	335.5	2516
3830 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	43.2	327.8	336.7	2520
3856 >E	Ladentown 345kV Voltage	SBK Edic R945	48.5	327.8	336.6	2527
3876 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	48.9	327.8	336.3	2467
3890 >E	Roseton 345kV Voltage	SBK Edic R945	46.1	327.8	335.8	2542
3894 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	63.9	327.8	334.4	2548
3896 >E	Buchanan South 345kV Voltage	SBK Edic R945	59.0	327.8	334.6	2544
3901 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	46.9	327.8	338.7	2551
3905 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	46.0	327.8	338.7	2553
3922 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	59.7	327.8	334.3	2487
3925 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	47.3	327.8	335.3	2488
3933 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	55.0	327.8	332.7	2565
3941 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	39.5	327.8	327.8	2569
3941 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	39.5	327.8	327.8	2495
3941 >E	Leeds 345kV Voltage	SBK Edic R945	39.5	327.8	327.8	2564
3965 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	79.9	327.8	333.4	2579
3974 >E	Millwood 345kV Voltage	SBK Edic R945	69.3	327.8	333.6	2578
3985 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	57.9	327.8	332.1	2583
3987 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	82.0	327.8	333.3	2589
3998 >E	Bowline 1 345kV Voltage	SBK Edic R945	51.6	327.8	337.5	2588
4000 >E	Bowline 2 345kV Voltage	SBK Edic R945	50.6	327.8	337.5	2589
4007 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	70.2	327.8	333.3	2523
4020 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	52.1	327.8	337.2	2529
4022 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	51.0	327.8	337.2	2530
4024 >E	Gardenville 230kV Voltage	Ph2 DC 1500	41.3	207	236.5	3514

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4034 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	59.6	327.8	331.4	2534
4049 >E	Watercure 230kV Voltage	SBK Marcy R3108	46.5	207	222.3	3470
4051 >E	Sprain Brook 345kV Voltage	SBK Edic R945	86.6	327.8	332.7	2611
4060 >E	Rainey 345kV Voltage	Ph2 DC 1500	45.0	327.8	344.7	3524
4076 >E	Dunwoodie 345kV Voltage	SBK Edic R945	89.0	327.8	332.7	2622
4084 >E	Farragut 345kV Voltage	Ph2 DC 1500	46.8	327.8	344.5	3530
4086 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	87.7	327.8	332.5	2557
4091 >E	Roseton 345kV Voltage	Marcy South S.	54.9	327.8	332.9	4003
4114 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	90.3	327.8	332.4	2569
4137 >E	Coopers Corners 345kV Voltage	Marcy South N.	44.5	327.8	311.6	3864
4203 >E	Millwood 345kV Voltage	Marcy South S.	84.1	327.8	331.4	4055
4235 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	45.1	327.8	348.4	2698
4247 >E	Watercure 230kV Voltage	Ravenswood 3	52.8	207	220.5	4069
4251 >E	Gardenville 230kV Voltage	Marcy South N.	56.5	207	231.0	3882
4267 >E	Somerset 345kV Voltage	Marcy South S.	57.3	327.8	332.3	4085
4278 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	93.3	218.5	229.8	2717
4278 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	93.3	218.5	229.8	2717
4294 >E	Millwood 345kV Voltage	Marcy South N.	78.8	327.8	339.8	3889
4299 >E	Buchanan North 345kV Voltage	Marcy South N.	76.3	327.8	336.9	3890
4302 >E	Sprain Brook 345kV Voltage	Marcy South S.	104.7	327.8	330.8	4101
4302 >E	Dunwoodie 345kV Voltage	Marcy South S.	106.2	327.8	331.0	4101
4370 >E	Buchanan North 345kV Voltage	Marcy South S.	82.1	327.8	322.8	4133
4393 >E	Roseton 345kV Voltage	Marcy South N.	62.8	327.8	342.9	3905
4401 >E	Niagara 345kV Voltage	SBK Edic R945	50.9	327.8	347.2	2763
4419 >E	Watercure 230kV Voltage	Volney-Marcy	59.9	207	218.9	4018
4421 >E	Buchanan South 345kV Voltage	Marcy South N.	76.5	327.8	339.8	3909
4429 >E	Sprain Brook 345kV Voltage	Marcy South N.	98.7	327.8	338.3	3910
4438 >E	Dunwoodie 345kV Voltage	Marcy South N.	100.1	327.8	338.3	3912
4459 >E	Niagara 230kV East Voltage	SBK Edic R945	106.0	218.5	229.3	2788
4459 >E	Niagara 230kV West Voltage	SBK Edic R945	106.0	218.5	229.3	2788
4479 >E	Buchanan South 345kV Voltage	Marcy South S.	86.0	327.8	328.0	4183
4511 >E	Goethals 345kV Voltage	Ph2 DC 1500	64.1	327.8	344.3	3645
4595 >E	Watercure 230kV Voltage	SBK Princetown 345	65.6	207	217.2	3921
4634 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	58.7	327.8	345.5	2790
4705 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	122.5	218.5	228.7	2821
4705 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	122.5	218.5	228.7	2821
4709 >E	Rock Tavern 345kV Voltage	Marcy South S.	66.5	327.8	298.3	4290
4720 >E	Ramapo 345kV Voltage	Marcy South N.	77.3	327.8	338.3	3957
4761 >E	Ladentown 345kV Voltage	Marcy South N.	76.3	327.8	339.6	3964
4768 >E	Rock Tavern 345kV Voltage	Marcy South N.	72.1	327.8	332.8	3965
4837 >E	Watercure 230kV Voltage	Pre-Fault	107.8	NA	215	4837

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\0VW_CAPS\Sum2023_CEVC_PH2_30_0VW_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4884 >E	Bowline 1 345kV Voltage	Marcy South N.	76.3	327.8	340.4	3983
4976 >E	Bowline 2 345kV Voltage	Marcy South N.	78.4	327.8	340.3	3998
5004 >E	Ramapo 345kV Voltage	Marcy South S.	88.7	327.8	314.9	4426
5255 >E	Ladentown 345kV Voltage	Marcy South S.	98.0	327.8	317.5	4543
5504 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	96.6	207	234.4	3254
5656 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	106.4	207	207.4	5492
5690 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	107.5	207	207.1	5642
5727 >E	Bowline 2 345kV Voltage	Marcy South S.	108.3	327.8	315.3	4762
5745 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	109.8	207	206.6	5484
5775 >E	Somerset 345kV Voltage	Ravenswood 3	125.2	327.8	375.7	5269
5809 >E	Bowline 1 345kV Voltage	Marcy South S.	113.5	327.8	314.8	4800
6025 >E	Gardenville 230kV Voltage	SBK Edic R945	116.3	207	234.3	3467
6034 >E	Somerset 345kV Voltage	SBK Marcy R3108	138.8	327.8	378.0	4635
6424 >E	Niagara 345kV Voltage	Marcy South S.	117.1	327.8	332.5	5085
6455 >E	Watercure 230kV Voltage	SBK Edic R70	136.6	207	200.0	6586
6723 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	141.8	207	234.2	3681
7342 >E	Northport 138kV Voltage	Ph2 DC 1500	349.6	131.1	139.0	4403
7460 >E	Niagara 230kV East Voltage	Marcy South S.	305.1	218.5	221.2	5565
7460 >E	Niagara 230kV West Voltage	Marcy South S.	305.1	218.5	221.2	5565
9127 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	243.7	327.8	338.8	4843
9163 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	249.8	327.8	338.7	4859
9652 >E	Rainey 345kV Voltage	SBK Edic R945	264.4	327.8	337.5	5039
9672 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	264.4	327.8	337.5	4939
9689 >E	Farragut 345kV Voltage	SBK Edic R945	271.0	327.8	337.5	5055
9692 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	270.3	327.8	337.5	4948
10799 >E	Rainey 345kV Voltage	Marcy South N.	301.9	327.8	345.9	4930
10862 >E	Farragut 345kV Voltage	Marcy South N.	310.3	327.8	345.5	4940
11019 >E	Rainey 345kV Voltage	Marcy South S.	317.6	327.8	334.3	7215
11081 >E	Farragut 345kV Voltage	Marcy South S.	326.1	327.8	334.4	7244
11387 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	339.4	327.8	339.9	5834
12057 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	365.5	327.8	338.8	5956
12131 >E	Goethals 345kV Voltage	SBK Edic R945	369.3	327.8	338.7	6113
12404	Coopers Corners 345kV Voltage	Marcy South S.	260.6	327.8	-55.7	7857

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
13620	Goethals 345kV Voltage	Marcy South N.	421.4	327.8	346.3	5381
>E						
14114	Goethals 345kV Voltage	Marcy South S.	448.3	327.8	335.7	8650
>E						
24999	Gardenville 230kV Voltage	Marcy South S.	809.9	207	231.2	13696
>E						
34884	Somerset 345kV Voltage	Volney-Marcy	1400.0	327.8	630.3	27457
>E						
39746	Northport 138kV Voltage	Edic-Gordon Rd. 345	2904.9	131.1	139.1	18272
>E						
43535	Northport 138kV Voltage	SBK Edic R945	3203.9	131.1	138.6	19722
>E						
44171	Northport 138kV Voltage	Marcy-N.Scot99 345	3251.7	131.1	138.5	19653
>E						
56889	Northport 138kV Voltage	Marcy South N.	4257.0	131.1	142.6	12304
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

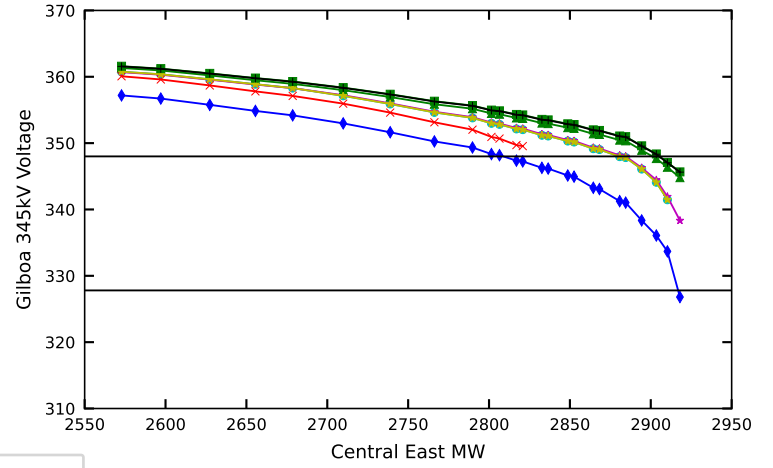
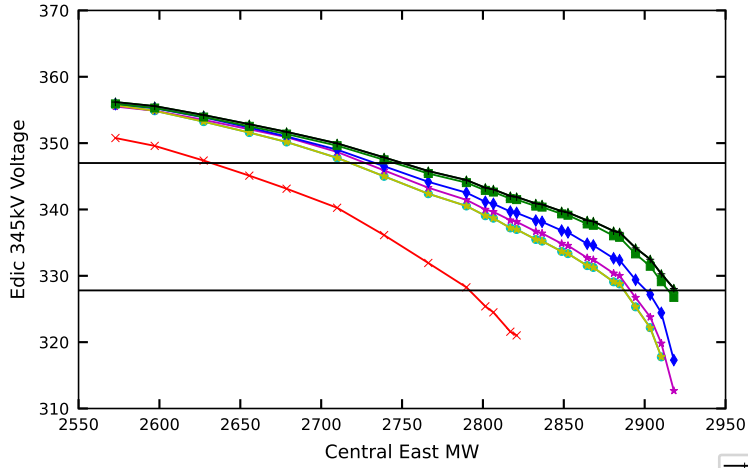
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\0VW_CAPS\Sum2023_CEVC_PH2_30_0VW_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 0VW_CAPS

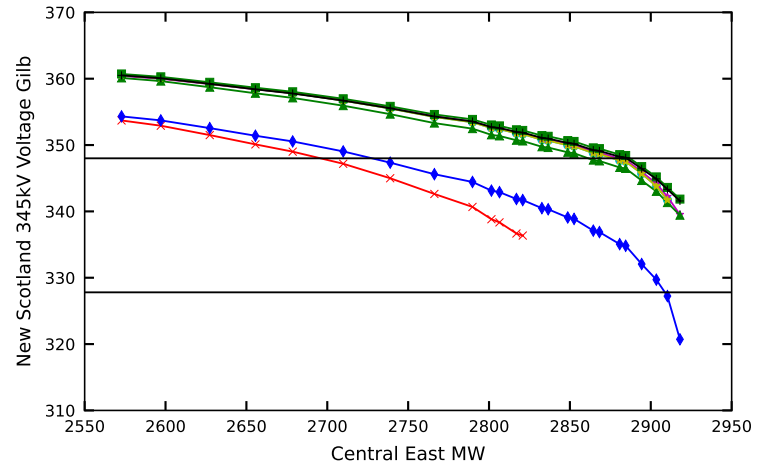
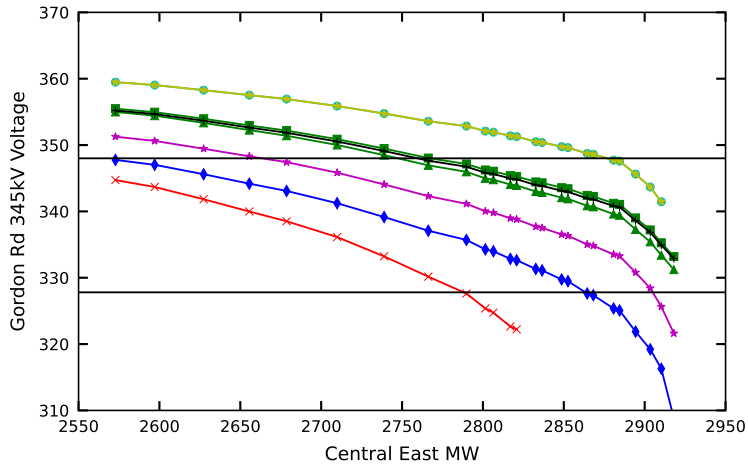
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R945	NA	207	NA	99998
99999 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

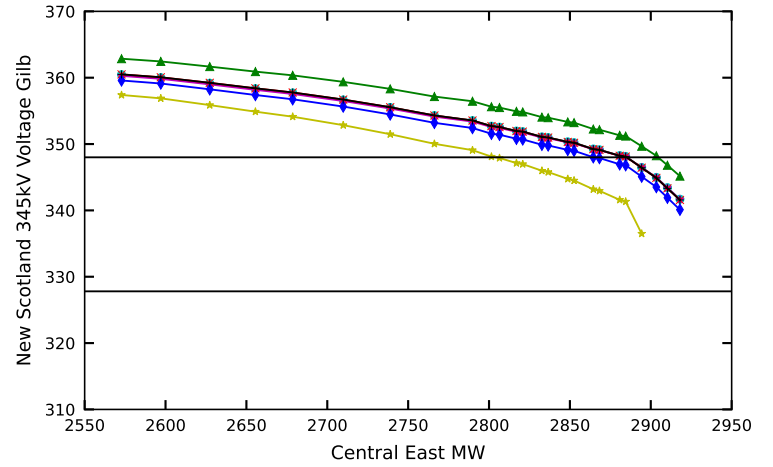
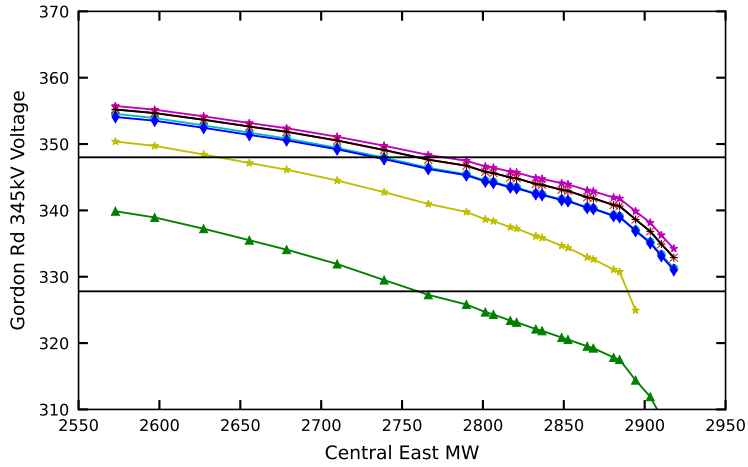
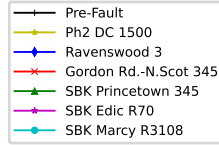
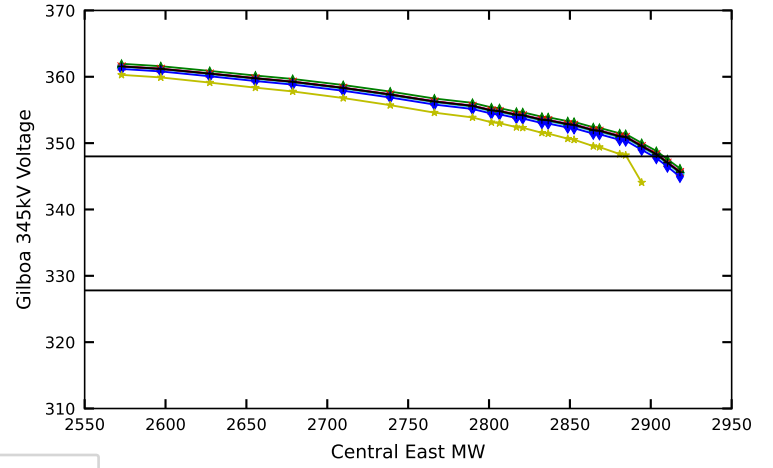
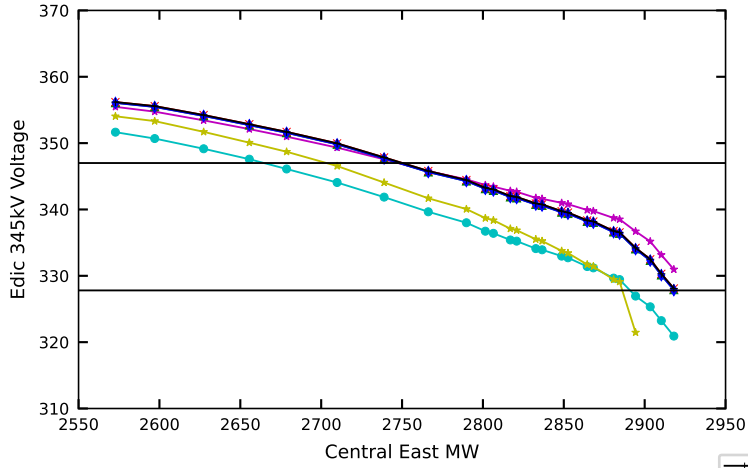
1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A Figure 1



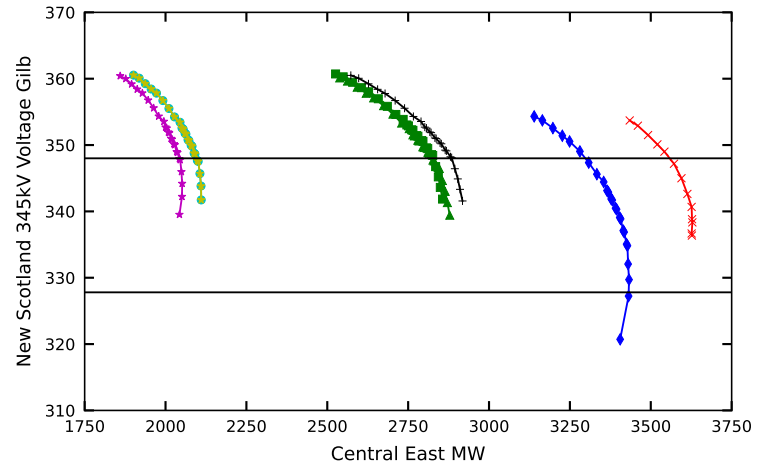
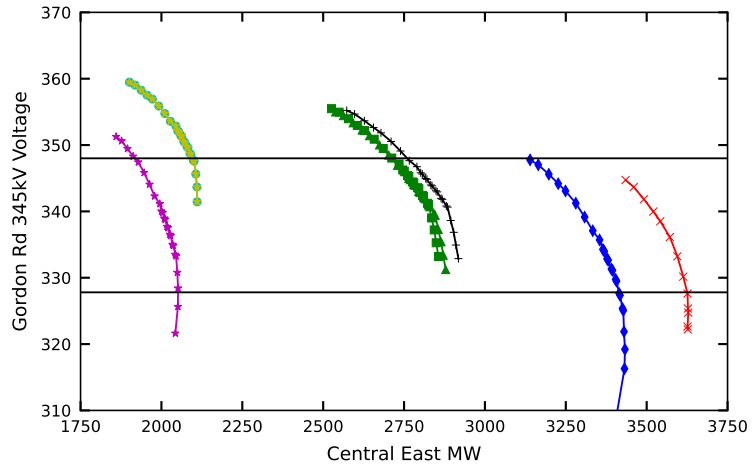
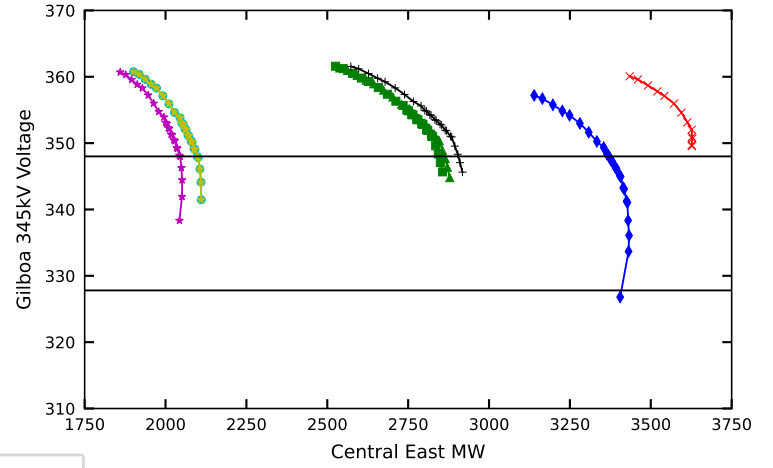
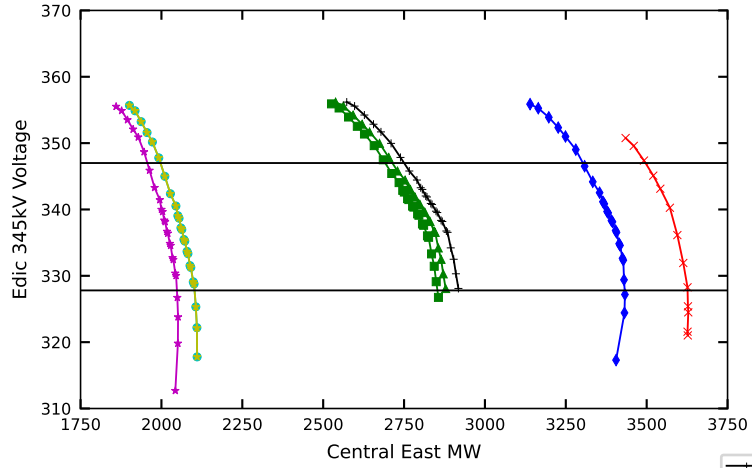
- +— Pre-Fault
- Volney-Marcy
- ◆— SBK Edic R945
- ◆— Marcy South S.
- x— Marcy South N.
- ▲— N.Scot-Leeds 345
- *— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A Figure 2

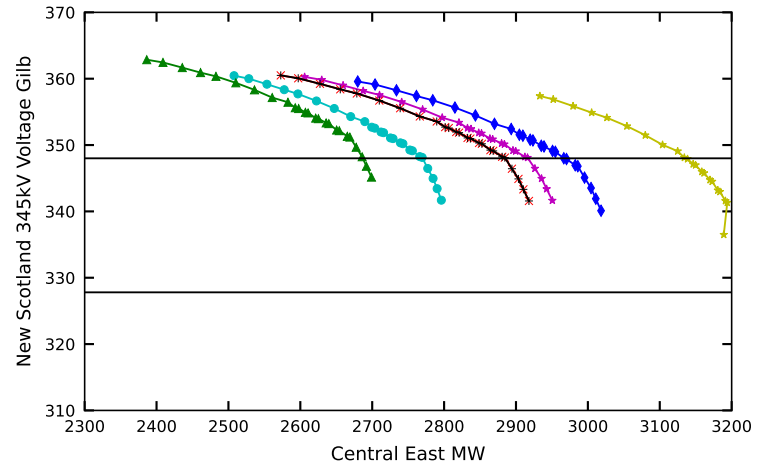
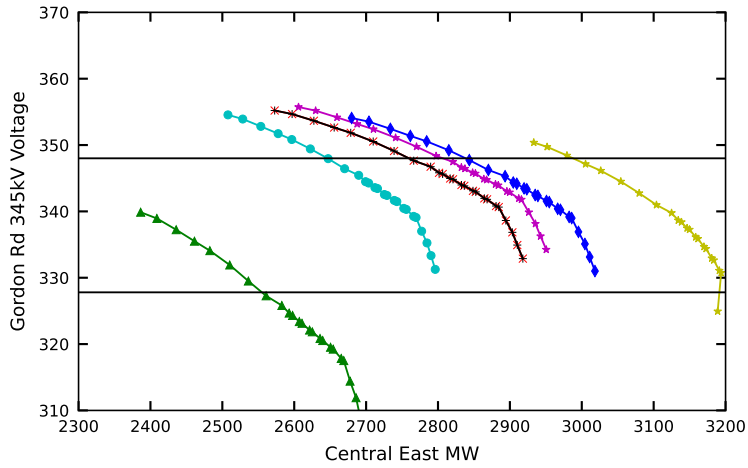
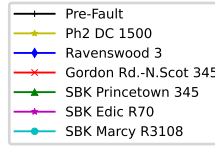
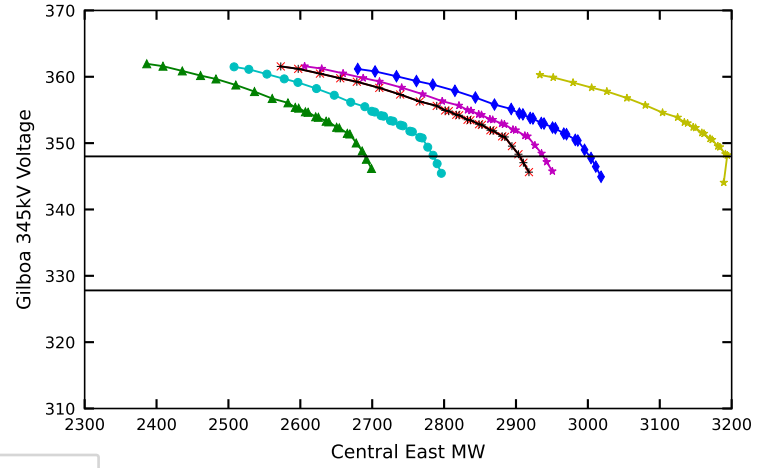
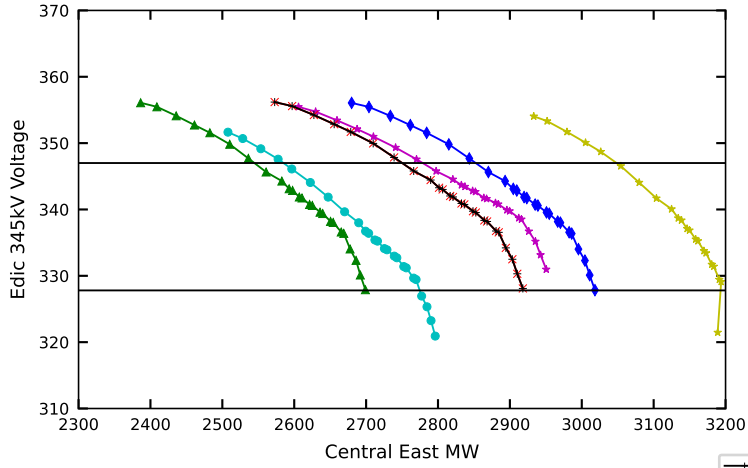


1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A Figure 1



- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 3O 1A

Interface: Central East

Transfer MW		base	ce01	ce02	ce03	ce07	ce08	ce11	ce13	ce15	ce20	ce30	ce31	log09	log15
2572	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2597	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2627	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2655	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2678	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2709	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2738	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2766	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2789	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2801	t10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2806	t11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2816	t12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2820	t13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2832	t14	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2836	t15	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2848	t16	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2852	t17	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2864	t18	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2868	t19	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2880	t20	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2884	t21	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2894	t22	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2903	t23	0	0	0	0	2	0	0	0	0	0	0	0	0	2
2910	t24	0	0	0	0	2	0	0	0	0	0	0	0	0	2
2918	t25	0	2	0	0	2	0	2	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
Ph2 DC																								
1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2481 <E	Dunwoodie 345kV Voltage	Pre-Fault	102.2	NA	348	2481
2492 <E	Sprain Brook 345kV Voltage	Pre-Fault	102.4	NA	348	2492
2666	limit with 5% margin	Marcy South N.	NA	NA	NA	3447
2737	Marcy 345kV Voltage	Pre-Fault	13.6	NA	348	2737
2740	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3034
2750	Edic 345kV Voltage	Pre-Fault	13.3	NA	347	2750
2758	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1948
2758	limit with 5% margin	Marcy South S.	NA	NA	NA	3261
2759	Gordon Rd 345kV Voltage	Pre-Fault	18.8	NA	348	2759
2759	Gordon Rd 345kV Voltage	SBK Princetown 345	12.3	327.8	348.0	2555
2761	Millwood 345kV Voltage	Pre-Fault	36.4	NA	348	2761
2764	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2004
2764	limit with 5% margin	SBK Edic R945	NA	NA	NA	2004
2772	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2734
2772	limit with 5% margin	Volney-Marcy	NA	NA	NA	2713
2772	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2656
2772	limit with 5% margin	SBK Edic R70	NA	NA	NA	2803
2772	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2564
2772	limit with 5% margin	Gordon Rd.-N.Scot 345	NA	NA	NA	2772
2772	limit with 5% margin	Ravenswood 3	NA	NA	NA	2867
2788	Gordon Rd 345kV Voltage	Marcy South N.	9.3	327.8	346.8	3625
2791	Edic 345kV Voltage	Marcy South N.	4.1	327.8	344.2	3626
2792	Marcy 345kV Voltage	Marcy South N.	4.1	327.8	344.1	3626
2826 >E	Clay 345kV Voltage	Marcy South N.	6.7	327.8	347.2	3632
2848	Buchanan North 345kV Voltage	Pre-Fault	44.0	NA	346	2848
2854 >E	Oakdale 345kV Voltage	Marcy South N.	8.4	320	346.4	3638
2863	Gordon Rd 345kV Voltage	Marcy South S.	6.4	327.8	342.1	3414
2863	Pannell Road 345kV Voltage	Pre-Fault	34.0	NA	346	2863
2868	Clay 345kV Voltage	Pre-Fault	12.7	NA	345	2868
2869	Station 80 345kV Voltage	Pre-Fault	19.9	NA	346	2869
2885	New Scotland 345kV Voltage Alps	Pre-Fault	5.9	NA	348	2885
2885	New Scotland 345kV Voltage Gilb	Pre-Fault	5.9	NA	348	2885
2885	Marcy 345kV Voltage	SBK Edic R945	2.8	327.8	336.2	2101
2885	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	336.2	2101
2887	Edic 345kV Voltage	SBK Edic R945	2.9	327.8	335.9	2102
2887	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	335.9	2102
2890	Edic 345kV Voltage	SBK Marcy R3108	4.0	327.8	335.0	2774
2891	Edic 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	335.0	2047
2893	Pleasant Valley 345kV Voltage	Pre-Fault	11.2	NA	348	2893
2893	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	334.3	2048
2899 >E	Edic 345kV Voltage	Ph2 DC 1500	11.4	327.8	335.7	3204

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2900 >E	Pannell Road 345kV Voltage	Marcy South N.	10.6	327.8	345.2	3647
2900	Edic 345kV Voltage	Marcy South S.	4.1	327.8	333.0	3431
2900 >E	Marcy 345kV Voltage	Ph2 DC 1500	11.3	327.8	335.6	3205
2901	Rock Tavern 345kV Voltage	Pre-Fault	10.6	NA	348	2901
2901	Marcy 345kV Voltage	Marcy South S.	4.0	327.8	332.7	3432
2905	Gilboa 345kV Voltage	Pre-Fault	5.4	NA	348	2905
2905 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	336.4	2051
2906	Buchanan South 345kV Voltage	Pre-Fault	13.8	NA	346	2906
2906	Coopers Corners 345kV Voltage	SBK Edic R945	2.2	327.8	339.9	2110
2906	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	2.2	327.8	339.9	2109
2909	Oakdale 345kV Voltage	Pre-Fault	3.1	NA	335	2909
2910 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	1.7	327.8	338.4	2110
2910 >E	Fraser 345kV Voltage	SBK Edic R945	1.7	327.8	338.4	2110
2910 >E	New Scotland 345kV Voltage Alps	Marcy South S.	3.9	327.8	343.6	3435
2910 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	3.9	327.8	343.6	3435
2911 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	339.4	2053
2911	Fraser 345kV Voltage	Pre-Fault	3.6	NA	338	2911
2912 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	1.7	320	334.0	2110
2912 >E	Oakdale 345kV Voltage	SBK Edic R945	1.7	320	334.0	2110
2912 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.0	327.8	338.8	2110
2912 >E	Clay 345kV Voltage	SBK Edic R945	2.0	327.8	338.8	2110
2914	Edic 345kV Voltage	Volney-Marcy	3.3	327.8	329.1	2853
2915	Coopers Corners 345kV Voltage	Pre-Fault	4.8	NA	338	2915
2915	Marcy 345kV Voltage	Volney-Marcy	3.3	327.8	328.7	2854
2916 >E	New Scotland 345kV Voltage Alps	Marcy South N.	10.5	327.8	349.4	3650
2916 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	10.5	327.8	349.4	3650
2917 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	11.3	327.8	339.2	3217
2918 >E	Edic 345kV Voltage	Ravenswood 3	3.4	327.8	328.1	3018
2918 >E	Edic 345kV Voltage	SBK Princetown 345	3.5	327.8	328.0	2699
2918 >E	Marcy 345kV Voltage	Ravenswood 3	3.4	327.8	327.9	3018
2918 >E	Marcy 345kV Voltage	SBK Princetown 345	3.5	327.8	327.8	2699
2918 >E	Marcy 345kV Voltage	Gordon Rd.-N.Scot 345	3.5	327.8	327.8	2918
2918 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	327.8	2879
2918 >E	Marcy 345kV Voltage	SBK Marcy R3108	3.5	327.8	327.8	2796
2918 >E	Marcy 345kV Voltage	SBK Edic R70	3.5	327.8	327.8	2951
2918 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	337.4	2055
2918 >E	Edic 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	327.8	2879
2919 >E	Edic 345kV Voltage	Gordon Rd.-N.Scot 345	3.5	327.8	327.8	2919
2921 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.9	320	332.8	2055
2929 >E	Edic 345kV Voltage	SBK Edic R70	3.5	327.8	324.9	2962
2929 >E	Gordon Rd 345kV Voltage	Ravenswood 3	3.7	327.8	329.8	3029

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2930 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.6	327.8	329.7	2890
2930 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	3.7	327.8	329.5	2805
2931 >E	Leeds 345kV Voltage	Pre-Fault	5.7	NA	345	2931
2931 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.7	327.8	337.9	2058
2932 >E	Clay 345kV Voltage	SBK Marcy R3108	4.1	327.8	334.2	2807
2936 >E	Gilboa 345kV Voltage	Marcy South S.	4.0	327.8	343.9	3443
2937 >E	Gordon Rd 345kV Voltage	Gordon Rd.-N.Scot 345	3.8	327.8	327.8	2937
2938 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	338.1	2112
2938 >E	Gordon Rd 345kV Voltage	Volney-Marcy	3.7	327.8	327.5	2874
2938 >E	Pannell Road 345kV Voltage	SBK Edic R945	3.3	327.8	338.1	2112
2940 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.0	320	325.2	2812
2940 >E	Ramapo 345kV Voltage	Pre-Fault	14.2	NA	346	2940
2942 >E	Coopers Corners 345kV Voltage	Ravenswood 3	4.1	327.8	332.4	3041
2942 >E	Station 80 345kV Voltage	Marcy South N.	12.6	327.8	344.6	3656
2942 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.8	327.8	326.4	2975
2945 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	2.6	327.8	340.4	2113
2946 >E	Gilboa 345kV Voltage	SBK Edic R945	2.6	327.8	340.4	2113
2947 >E	Oakdale 345kV Voltage	Volney-Marcy	3.0	320	322.9	2882
2947 >E	Clay 345kV Voltage	Volney-Marcy	4.1	327.8	330.7	2882
2948 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.6	327.8	327.8	2908
2948 >E	Fraser 345kV Voltage	Volney-Marcy	3.6	327.8	327.8	2883
2948 >E	Fraser 345kV Voltage	SBK Marcy R3108	3.6	327.8	327.8	2819
2948 >E	Fraser 345kV Voltage	SBK Edic R70	3.6	327.8	327.8	2981
2948 >E	Fraser 345kV Voltage	SBK Princetown 345	3.6	327.8	327.8	2726
2948 >E	Fraser 345kV Voltage	Gordon Rd.-N.Scot 345	3.6	327.8	327.8	2948
2948 >E	Fraser 345kV Voltage	Ravenswood 3	3.6	327.8	327.8	3047
2949 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	3.7	327.8	337.5	2113
2949 >E	Station 80 345kV Voltage	SBK Edic R945	3.8	327.8	337.4	2113
2951 >E	Oakdale 345kV Voltage	Ravenswood 3	3.0	320	321.7	3049
2952 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	3.1	327.8	323.2	2114
2952 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.1	320	321.3	2730
2952 >E	Gordon Rd 345kV Voltage	SBK Edic R945	3.1	327.8	323.1	2113
2952 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	11.6	500	505.3	2114
2952 >E	Ramapo 500kV Voltage	Ph2 DC 1500	28.7	500	506.6	3241
2953 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	4.3	327.8	330.1	2730
2953 >E	Ramapo 500kV Voltage	SBK Edic R945	11.7	500	505.3	2113
2953 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	5.9	218.5	224.7	2114
2954 >E	Ramapo 500kV Voltage	Ravenswood 3	24.1	500	505.5	3052
2954 >E	St.Lawrence 230kV Voltage	SBK Edic R945	6.0	218.5	224.7	2113
2955 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	3.3	327.8	332.9	2114
2955 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	3.3	327.8	332.9	2114

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2955 >E	Ladentown 345kV Voltage	Pre-Fault	13.8	NA	346	2955
2956 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.1	320	320.2	2915
2956 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	3.3	327.8	332.8	2114
2956 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	3.3	327.8	332.8	2114
2956 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.5	327.8	329.5	2989
2956 >E	Oakdale 345kV Voltage	Gordon Rd.-N.Scot 345	3.1	320	320.0	2956
2956 >E	Clay 345kV Voltage	Ravenswood 3	4.2	327.8	328.6	3054
2957 >E	Clay 345kV Voltage	SBK Princetown 345	4.3	327.8	328.3	2735
2958 >E	Leeds 345kV Voltage	Marcy South S.	4.8	327.8	342.6	3450
2958 >E	Oakdale 345kV Voltage	SBK Edic R70	3.1	320	319.3	2992
2959 >E	Clay 345kV Voltage	N.Scot-Leeds 345	4.3	327.8	327.9	2919
2960 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	328.7	2919
2960 >E	Clay 345kV Voltage	Gordon Rd.-N.Scot 345	4.3	327.8	327.8	2960
2964 >E	Coopers Corners 345kV Voltage	Gordon Rd.-N.Scot 345	4.8	327.8	327.8	2964
2964 >E	Roseton 345kV Voltage	Pre-Fault	11.4	NA	345	2964
2965 >E	Clay 345kV Voltage	SBK Edic R70	4.3	327.8	326.6	2998
2965 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	4.1	327.8	330.9	2924
2965 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	4.1	327.8	330.9	2924
2965 >E	Fraser 345kV Voltage	Marcy South S.	4.9	327.8	327.8	3452
2966 >E	St.Lawrence 230kV Voltage	Pre-Fault	17.8	NA	225	2966
2967 >E	Coopers Corners 345kV Voltage	Volney-Marcy	4.9	327.8	327.1	2900
2970 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	4.3	327.8	329.7	3068
2970 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	4.3	327.8	329.7	3068
2970 >E	Clay 345kV Voltage	Marcy South S.	6.8	327.8	333.4	3453
2974 >E	Oakdale 345kV Voltage	Marcy South S.	4.3	320	320.6	3455
2976 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	17.3	500	505.0	2069
2977 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	5.1	327.8	325.1	2840
2977 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	4.7	327.8	339.8	2116
2978 >E	Rock Tavern 345kV Voltage	SBK Edic R945	4.7	327.8	339.8	2115
2978 >E	New Scotland 345kV Voltage Alps	Gordon Rd.-N.Scot 345	4.4	327.8	327.8	2978
2978 >E	New Scotland 345kV Voltage Gilb	Gordon Rd.-N.Scot 345	4.4	327.8	327.8	2978
2979 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	4.4	327.8	327.7	3013
2979 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	4.4	327.8	327.7	3013
2979 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	4.4	327.8	327.6	2911
2979 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	4.4	327.8	327.6	2911
2979 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	4.5	327.8	327.6	2842
2979 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	4.5	327.8	327.6	2842
2985 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	6.6	327.8	331.6	2847
2985 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	4.9	327.8	337.3	2071
2987 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	5.1	327.8	330.7	2072
2987 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	5.1	327.8	330.7	2072

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2988 >E	Bowline 2 345kV Voltage	Pre-Fault	12.2	NA	345	2988
2994 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	10.0	218.5	222.7	2073
2998 >E	Bowline 1 345kV Voltage	Pre-Fault	14.9	NA	345	2998
2998 >E	Pannell Road 345kV Voltage	Volney-Marcy	6.6	327.8	329.6	2928
2998 >E	Dunwoodie 345kV Voltage	Ravenswood 3	13.1	327.8	336.2	3094
3000 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	4.7	327.8	323.0	2773
3000 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	4.7	327.8	323.0	2773
3000 >E	Sprain Brook 345kV Voltage	Ravenswood 3	13.0	327.8	336.2	3095
3001 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	4.9	327.8	330.2	2959
3004 >E	Pannell Road 345kV Voltage	Ravenswood 3	6.6	327.8	328.8	3099
3004 >E	Gilboa 345kV Voltage	Ravenswood 3	5.1	327.8	329.7	3100
3006 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	6.3	327.8	338.1	2076
3008 >E	Pannell Road 345kV Voltage	SBK Princetown 345	6.8	327.8	328.2	2781
3010 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	327.9	2968
3011 >E	Pannell Road 345kV Voltage	Gordon Rd.-N.Scot 345	6.8	327.8	327.8	3011
3011 >E	St.Lawrence 230kV Voltage	Marcy South N.	19.5	218.5	227.1	3670
3012 >E	Gilboa 345kV Voltage	SBK Marcy R3108	5.3	327.8	328.3	2867
3014 >E	Gilboa 345kV Voltage	Gordon Rd.-N.Scot 345	5.4	327.8	327.8	3014
3015 >E	Pannell Road 345kV Voltage	SBK Edic R70	6.9	327.8	327.2	3050
3015 >E	Gilboa 345kV Voltage	Volney-Marcy	5.4	327.8	327.7	2943
3016 >E	Station 80 345kV Voltage	SBK Marcy R3108	8.3	327.8	330.8	2870
3017 >E	Gilboa 345kV Voltage	SBK Edic R70	5.5	327.8	327.4	3052
3017 >E	Rock Tavern 345kV Voltage	Ravenswood 3	7.0	327.8	335.1	3112
3018 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	12.7	218.5	222.1	2872
3019 >E	Pleasant Valley 345kV Voltage	Marcy South S.	8.7	327.8	337.4	3469
3020 >E	Gilboa 345kV Voltage	SBK Princetown 345	5.6	327.8	326.8	2792
3021 >E	Millwood 345kV Voltage	Ravenswood 3	11.4	327.8	336.0	3116
3023 >E	Buchanan North 345kV Voltage	Ravenswood 3	11.7	327.8	335.9	3118
3027 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	8.6	327.8	335.4	2121
3028 >E	Leeds 345kV Voltage	Volney-Marcy	5.7	327.8	327.8	2954
3028 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	327.8	2985
3028 >E	Leeds 345kV Voltage	SBK Marcy R3108	5.7	327.8	327.8	2879
3028 >E	Leeds 345kV Voltage	SBK Princetown 345	5.7	327.8	327.8	2799
3028 >E	Leeds 345kV Voltage	Gordon Rd.-N.Scot 345	5.7	327.8	327.8	3028
3028 >E	Leeds 345kV Voltage	Ravenswood 3	5.7	327.8	327.8	3122
3028 >E	Buchanan North 345kV Voltage	SBK Edic R945	8.6	327.8	335.3	2119
3028 >E	Leeds 345kV Voltage	SBK Edic R70	5.7	327.8	327.8	3064
3028 >E	Leeds 345kV Voltage	SBK Edic R945	5.7	327.8	327.8	2119
3028 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	5.7	327.8	327.8	2121
3029 >E	Station 80 345kV Voltage	Volney-Marcy	8.3	327.8	329.3	2956
3032 >E	Station 80 345kV Voltage	Ravenswood 3	8.3	327.8	329.0	3126

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3032 >E	St.Lawrence 230kV Voltage	Marcy South S.	13.2	218.5	220.3	3473
3040 >E	Station 80 345kV Voltage	SBK Princetown 345	8.6	327.8	328.1	2810
3042 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	8.6	327.8	327.8	2998
3042 >E	Station 80 345kV Voltage	Gordon Rd.-N.Scot 345	8.6	327.8	327.8	3042
3042 >E	Buchanan South 345kV Voltage	Ravenswood 3	11.2	327.8	336.2	3136
3046 >E	Station 80 345kV Voltage	SBK Edic R70	8.6	327.8	327.4	3082
3046 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	8.9	327.8	332.5	3140
3047 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	7.8	327.8	338.4	2122
3048 >E	Ramapo 345kV Voltage	SBK Edic R945	7.8	327.8	338.4	2121
3053 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	10.9	327.8	332.4	2123
3053 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	11.0	327.8	332.3	2123
3053 >E	Sprain Brook 345kV Voltage	SBK Edic R945	10.9	327.8	332.4	2121
3054 >E	Dunwoodie 345kV Voltage	SBK Edic R945	11.0	327.8	332.3	2121
3054 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	9.4	327.8	333.5	2123
3054 >E	Millwood 345kV Voltage	SBK Edic R945	9.4	327.8	333.4	2121
3055 >E	Clay 345kV Voltage	Ph2 DC 1500	16.0	327.8	337.3	3313
3056 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	8.8	327.8	335.1	2123
3056 >E	St.Lawrence 230kV Voltage	Volney-Marcy	16.0	218.5	219.9	2980
3057 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	7.7	327.8	330.6	2825
3057 >E	Buchanan South 345kV Voltage	SBK Edic R945	8.9	327.8	335.0	2122
3062 >E	Ramapo 500kV Voltage	Marcy South S.	26.2	500	502.7	3482
3062 >E	Rock Tavern 345kV Voltage	SBK Edic R70	8.1	327.8	330.0	3099
3063 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	8.0	327.8	338.3	2124
3063 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	331.2	2124
3064 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	8.2	327.8	331.2	2122
3064 >E	Ladentown 345kV Voltage	SBK Edic R945	8.0	327.8	338.2	2122
3064 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	11.0	327.8	333.9	2091
3067 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	7.3	327.8	341.0	2124
3067 >E	St.Lawrence 230kV Voltage	Ravenswood 3	16.9	218.5	219.3	3159
3069 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	327.8	2092
3069 >E	Somerset 345kV Voltage	SBK Edic R945	7.4	327.8	340.8	2123
3070 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	8.4	327.8	329.1	3026
3072 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	7.9	327.8	335.8	2125
3073 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	13.9	327.8	341.7	3325
3073 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	13.9	327.8	341.7	3325
3073 >E	Roseton 345kV Voltage	SBK Edic R945	7.9	327.8	335.7	2123
3075 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	7.9	327.8	339.0	2125
3076 >E	Bowline 1 345kV Voltage	SBK Edic R945	8.0	327.8	339.0	2123
3078 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	7.9	327.8	339.2	2125
3079 >E	Bowline 2 345kV Voltage	SBK Edic R945	7.9	327.8	339.1	2123
3081 >E	St.Lawrence 230kV Voltage	Gordon Rd.-N.Scot 345	17.8	218.5	218.5	3081

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3082 >E	Rock Tavern 345kV Voltage	Gordon Rd.-N.Scot 345	8.9	327.8	327.8	3082
3082 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	12.8	327.8	330.9	2095
3082 >E	Ramapo 345kV Voltage	Ravenswood 3	11.1	327.8	336.0	3173
3082 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	17.9	218.5	218.4	3038
3083 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	13.0	327.8	330.8	2095
3083 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	9.4	327.8	328.7	3039
3086 >E	Ladentown 345kV Voltage	Ravenswood 3	10.9	327.8	336.5	3177
3086 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	18.1	218.5	218.2	2852
3087 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	9.5	327.8	328.3	3124
3090 >E	Ramapo 500kV Voltage	SBK Princetown 345	27.7	500	501.4	2856
3090 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	11.5	327.8	331.8	2097
3091 >E	Bowline 2 345kV Voltage	Ravenswood 3	9.9	327.8	336.6	3182
3091 >E	Rock Tavern 345kV Voltage	Volney-Marcy	9.3	327.8	326.7	3011
3092 >E	Pleasant Valley 345kV Voltage	Gordon Rd.-N.Scot 345	9.8	327.8	327.8	3092
3092 >E	Dunwoodie 345kV Voltage	Marcy South S.	14.2	327.8	330.3	3492
3092 >E	Sprain Brook 345kV Voltage	Marcy South S.	14.1	327.8	330.2	3492
3095 >E	St.Lawrence 230kV Voltage	SBK Edic R70	19.2	218.5	217.8	3132
3095 >E	Roseton 345kV Voltage	Ravenswood 3	9.8	327.8	333.4	3186
3096 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	9.6	327.8	327.4	2861
3096 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	9.9	327.8	327.3	3016
3097 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	336.7	2099
3099 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	11.2	327.8	333.3	2099
3100 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	10.0	327.8	326.9	2934
3101 >E	Millwood 345kV Voltage	Marcy South S.	12.8	327.8	331.1	3494
3101 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	9.6	327.8	325.6	2935
3109 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	9.7	207	232.6	2128
3111 >E	Ramapo 500kV Voltage	SBK Edic R70	29.8	500	500.8	3149
3111 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	329.7	2102
3113 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	30.6	500	500.8	3068
3113 >E	Watercure 230kV Voltage	SBK Edic R945	9.9	207	232.6	2126
3116 >E	Bowline 1 345kV Voltage	Ravenswood 3	11.5	327.8	337.1	3205
3119 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	10.6	327.8	336.5	2104
3120 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	10.0	327.8	333.8	2104
3125 >E	Buchanan North 345kV Voltage	SBK Princetown 345	13.7	327.8	329.1	2887
3125 >E	Millwood 345kV Voltage	SBK Edic R70	13.4	327.8	328.7	3163
3126 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	13.5	327.8	328.6	3081
3126 >E	Dunwoodie 345kV Voltage	SBK Edic R70	16.0	327.8	328.6	3165
3127 >E	Buchanan North 345kV Voltage	SBK Edic R70	14.0	327.8	329.0	3165
3128 >E	Sprain Brook 345kV Voltage	SBK Edic R70	16.0	327.8	328.6	3166
3128 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	16.1	327.8	328.5	3083
3129 >E	Millwood 345kV Voltage	SBK Princetown 345	13.3	327.8	328.4	2891

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3130 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	16.1	327.8	328.5	3084
3131 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	14.3	327.8	328.7	3085
3131 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	15.9	327.8	328.3	2893
3132 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	15.8	327.8	328.3	2894
3133 >E	Watercure 230kV Voltage	Marcy South N.	19.8	207	228.0	3694
3137 >E	Ramapo 500kV Voltage	Volney-Marcy	34.0	500	500.0	3052
3137 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	10.7	327.8	337.1	2109
3138 >E	Millwood 345kV Voltage	Gordon Rd.-N.Scot 345	14.1	327.8	327.8	3138
3138 >E	Ramapo 500kV Voltage	Pre-Fault	33.6	NA	500	3138
3138 >E	Ramapo 500kV Voltage	Gordon Rd.-N.Scot 345	33.6	500	500.0	3138
3139 >E	Ramapo 500kV Voltage	SBK Marcy R3108	34.3	500	500.0	2963
3139 >E	Dunwoodie 345kV Voltage	Gordon Rd.-N.Scot 345	16.8	327.8	327.8	3139
3139 >E	Roseton 345kV Voltage	Marcy South S.	11.2	327.8	332.3	3506
3141 >E	Sprain Brook 345kV Voltage	Gordon Rd.-N.Scot 345	16.8	327.8	327.8	3141
3142 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	10.7	327.8	337.3	2110
3144 >E	Buchanan South 345kV Voltage	SBK Edic R70	13.2	327.8	328.9	3183
3145 >E	Buchanan North 345kV Voltage	Gordon Rd.-N.Scot 345	15.0	327.8	327.8	3145
3145 >E	Buchanan South 345kV Voltage	SBK Princetown 345	13.0	327.8	328.8	2906
3146 >E	Roseton 345kV Voltage	SBK Edic R70	10.8	327.8	329.0	3185
3146 >E	Roseton 345kV Voltage	SBK Princetown 345	10.7	327.8	329.0	2907
3146 >E	Millwood 345kV Voltage	Volney-Marcy	14.5	327.8	327.2	3061
3147 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	13.3	327.8	328.7	3101
3148 >E	Somerset 345kV Voltage	Pre-Fault	17.0	NA	338	3148
3149 >E	Dunwoodie 345kV Voltage	Volney-Marcy	17.3	327.8	327.2	3063
3149 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	11.0	327.8	328.7	3103
3150 >E	Sprain Brook 345kV Voltage	Volney-Marcy	17.2	327.8	327.2	3064
3151 >E	Buchanan South 345kV Voltage	Marcy South S.	13.6	327.8	329.9	3510
3154 >E	Buchanan North 345kV Voltage	Volney-Marcy	15.4	327.8	327.1	3068
3155 >E	Millwood 345kV Voltage	SBK Marcy R3108	14.8	327.8	326.6	2975
3158 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	17.6	327.8	326.7	2977
3159 >E	Oakdale 345kV Voltage	Ph2 DC 1500	16.8	320	330.0	3385
3159 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	17.6	327.8	326.7	2978
3160 >E	Roseton 345kV Voltage	Gordon Rd.-N.Scot 345	11.4	327.8	327.8	3160
3160 >E	Buchanan South 345kV Voltage	Gordon Rd.-N.Scot 345	14.0	327.8	327.8	3160
3164 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	15.8	327.8	326.5	2982
3166 >E	Ramapo 500kV Voltage	Marcy South N.	47.7	500	504.4	3701
3167 >E	Roseton 345kV Voltage	Volney-Marcy	11.6	327.8	327.1	3079
3167 >E	Ramapo 345kV Voltage	SBK Princetown 345	12.7	327.8	330.0	2926
3168 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	23.3	327.8	347.7	2116
3169 >E	Buchanan South 345kV Voltage	Volney-Marcy	14.3	327.8	327.1	3081
3173 >E	Buchanan North 345kV Voltage	Marcy South S.	15.2	327.8	327.1	3517

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3173 >E	Ramapo 345kV Voltage	SBK Edic R70	13.1	327.8	329.6	3213
3174 >E	Bowline 2 345kV Voltage	SBK Princetown 345	11.2	327.8	329.7	2932
3175 >E	Roseton 345kV Voltage	SBK Marcy R3108	11.9	327.8	326.5	2990
3175 >E	Leeds 345kV Voltage	Marcy South N.	16.4	327.8	349.3	3703
3178 >E	Bowline 2 345kV Voltage	SBK Edic R70	11.4	327.8	329.4	3218
3178 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	14.6	327.8	326.5	2993
3179 >E	Ladentown 345kV Voltage	SBK Princetown 345	12.5	327.8	329.8	2936
3181 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	13.5	327.8	329.0	3134
3183 >E	Ladentown 345kV Voltage	SBK Edic R70	12.8	327.8	329.5	3223
3183 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	11.7	327.8	329.0	3136
3189 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	13.1	327.8	329.0	3142
3196 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	22.9	327.8	336.3	3411
3198 >E	Bowline 2 345kV Voltage	Gordon Rd.-N.Scot 345	12.2	327.8	327.8	3198
3198 >E	Ramapo 345kV Voltage	Gordon Rd.-N.Scot 345	14.2	327.8	327.8	3198
3206 >E	Ladentown 345kV Voltage	Gordon Rd.-N.Scot 345	13.8	327.8	327.8	3206
3208 >E	Bowline 2 345kV Voltage	Volney-Marcy	12.5	327.8	327.0	3115
3211 >E	Ramapo 345kV Voltage	Volney-Marcy	14.7	327.8	326.9	3118
3217 >E	Ladentown 345kV Voltage	Volney-Marcy	14.2	327.8	327.0	3124
3218 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	12.8	327.8	326.2	3023
3220 >E	Bowline 1 345kV Voltage	SBK Princetown 345	13.4	327.8	330.1	2974
3220 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	24.7	327.8	335.2	3428
3223 >E	Ramapo 345kV Voltage	SBK Marcy R3108	15.1	327.8	326.1	3027
3225 >E	Bowline 1 345kV Voltage	SBK Edic R70	13.7	327.8	329.7	3267
3229 >E	Ladentown 345kV Voltage	SBK Marcy R3108	14.5	327.8	326.1	3031
3233 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	14.1	327.8	329.2	3185
3239 >E	Rock Tavern 345kV Voltage	Marcy South S.	12.5	327.8	316.2	3538
3243 >E	Station 80 345kV Voltage	Ph2 DC 1500	25.7	327.8	336.0	3444
3254 >E	Bowline 1 345kV Voltage	Gordon Rd.-N.Scot 345	14.9	327.8	327.8	3254
3264 >E	Gilboa 345kV Voltage	Marcy South N.	20.0	327.8	344.2	3721
3268 >E	Bowline 1 345kV Voltage	Volney-Marcy	15.4	327.8	326.8	3169
3278 >E	Ladentown 345kV Voltage	Marcy South S.	15.6	327.8	326.6	3550
3278 >E	Fraser 345kV Voltage	Ph2 DC 1500	23.5	327.8	327.8	3468
3282 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	15.8	327.8	325.9	3071
3284 >E	Somerset 345kV Voltage	Marcy South N.	22.9	327.8	347.9	3725
3289 >E	Somerset 345kV Voltage	Ravenswood 3	16.1	327.8	329.7	3369
3289 >E	Somerset 345kV Voltage	SBK Marcy R3108	16.4	327.8	329.7	3077
3291 >E	Ramapo 345kV Voltage	Marcy South S.	16.5	327.8	324.8	3554
3301 >E	Somerset 345kV Voltage	Volney-Marcy	16.5	327.8	329.0	3199
3310 >E	Bowline 1 345kV Voltage	Marcy South S.	15.9	327.8	326.6	3560
3316 >E	Bowline 2 345kV Voltage	Marcy South S.	15.8	327.8	326.6	3562
3319 >E	Somerset 345kV Voltage	SBK Princetown 345	17.0	327.8	328.0	3064

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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3321 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	17.0	327.8	327.8	3270
3321 >E	Somerset 345kV Voltage	Gordon Rd.-N.Scot 345	17.0	327.8	327.8	3321
3323 >E	Somerset 345kV Voltage	SBK Edic R70	17.0	327.8	327.7	3367
3336 >E	Gilboa 345kV Voltage	Ph2 DC 1500	22.2	327.8	338.7	3509
3341 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	14.8	327.8	345.2	2150
3347 >E	Niagara 345kV Voltage	SBK Edic R945	15.0	327.8	345.0	2145
3349 >E	Leeds 345kV Voltage	Ph2 DC 1500	19.9	327.8	342.9	3518
3359 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	31.9	218.5	228.4	2151
3359 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	31.9	218.5	228.4	2151
3366 >E	Niagara 230kV East Voltage	SBK Edic R945	32.4	218.5	228.3	2147
3366 >E	Niagara 230kV West Voltage	SBK Edic R945	32.4	218.5	228.3	2147
3371 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	51.1	218.5	224.2	3533
3416 >E	Fraser 345kV Voltage	Marcy South N.	26.2	327.8	327.8	3752
3436 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	37.1	218.5	224.1	2182
3436 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	37.1	218.5	224.1	2182
3463 >E	Coopers Corners 345kV Voltage	Marcy South S.	15.3	327.8	255.8	3608
3498 >E	Rainey 345kV Voltage	Ravenswood 3	30.8	327.8	342.6	3566
3527 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	29.0	207	237.7	2204
3533 >E	Farragut 345kV Voltage	Ravenswood 3	32.4	327.8	341.9	3599
3553 >E	Pleasant Valley 345kV Voltage	Marcy South N.	37.2	327.8	345.0	3780
3595 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	35.9	327.8	343.9	3690
3602 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	45.2	327.8	341.0	3695
3672 >E	Niagara 230kV East Voltage	Marcy South S.	52.5	218.5	220.0	3674
3672 >E	Niagara 230kV West Voltage	Marcy South S.	52.5	218.5	220.0	3674
3708 >E	Watercure 230kV Voltage	Ph2 DC 1500	36.9	207	217.4	3768
3713 >E	Niagara 345kV Voltage	Pre-Fault	39.6	NA	338	3713
3746 >E	Millwood 345kV Voltage	Ph2 DC 1500	49.5	327.8	342.9	3795
3747 >E	Rainey 345kV Voltage	Pre-Fault	54.1	NA	338	3747
3751 >E	Farragut 345kV Voltage	Pre-Fault	56.2	NA	338	3751
3753 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	46.4	327.8	343.6	3800
3756 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	42.2	327.8	342.6	3802
3793 >E	Ramapo 345kV Voltage	Ph2 DC 1500	44.5	327.8	344.2	3828
3799 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	60.1	327.8	341.3	3832
3800 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	33.9	207	230.4	2192
3810 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	61.1	327.8	341.3	3840
3819 >E	Goethals 345kV Voltage	Ravenswood 3	43.7	327.8	341.2	3870
3820 >E	Gardenville 230kV Voltage	SBK Edic R945	34.6	207	230.3	2183
3837 >E	Ladentown 345kV Voltage	Ph2 DC 1500	43.9	327.8	345.4	3858
3840 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	36.5	327.8	336.0	2196
3844 >E	Rainey 345kV Voltage	SBK Edic R945	36.7	327.8	335.9	2185
3848 >E	Somerset 345kV Voltage	Ph2 DC 1500	43.5	327.8	338.5	3866

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3854 >E	Niagara 230kV East Voltage	Pre-Fault	114.3	NA	225	3854
3854 >E	Niagara 230kV West Voltage	Pre-Fault	114.3	NA	225	3854
3863 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	38.1	327.8	335.9	2198
3867 >E	Farragut 345kV Voltage	SBK Edic R945	38.3	327.8	335.9	2187
3906 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	43.8	327.8	346.6	3906
3915 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	39.3	327.8	333.0	2300
3923 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	40.4	327.8	332.9	2302
3924 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	43.7	327.8	346.9	3919
3939 >E	Roseton 345kV Voltage	Ph2 DC 1500	45.6	327.8	345.3	3930
3996 >E	Niagara 230kV East Voltage	Marcy South N.	84.0	218.5	231.0	3870
3996 >E	Niagara 230kV West Voltage	Marcy South N.	84.0	218.5	231.0	3870
3998 >E	Niagara 345kV Voltage	Ravenswood 3	36.3	327.8	330.8	4038
4006 >E	Niagara 345kV Voltage	Marcy South N.	43.0	327.8	351.1	3872
4031 >E	Rainey 345kV Voltage	Marcy South S.	44.1	327.8	330.7	3786
4037 >E	Niagara 345kV Voltage	SBK Marcy R3108	37.5	327.8	329.8	3642
4043 >E	Farragut 345kV Voltage	Marcy South S.	45.5	327.8	330.5	3790
4053 >E	Niagara 345kV Voltage	Volney-Marcy	37.7	327.8	329.4	3871
4073 >E	Goethals 345kV Voltage	Pre-Fault	78.1	NA	338	4073
4108 >E	Niagara 345kV Voltage	SBK Princetown 345	39.4	327.8	328.0	3782
4112 >E	Niagara 345kV Voltage	SBK Edic R70	39.5	327.8	328.0	4178
4116 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	39.6	327.8	327.9	4041
4118 >E	Niagara 345kV Voltage	Gordon Rd.-N.Scot 345	39.6	327.8	327.8	4118
4141 >E	Millwood 345kV Voltage	Marcy South N.	69.5	327.8	340.9	3899
4141 >E	Roseton 345kV Voltage	Marcy South N.	52.9	327.8	344.3	3899
4220 >E	Rainey 345kV Voltage	SBK Princetown 345	50.8	327.8	329.3	3883
4222 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	52.6	327.8	335.8	2231
4228 >E	Rainey 345kV Voltage	SBK Edic R70	51.4	327.8	329.1	4298
4228 >E	Goethals 345kV Voltage	SBK Edic R945	52.8	327.8	335.8	2216
4233 >E	Coopers Corners 345kV Voltage	Marcy South N.	47.2	327.8	313.0	3918
4236 >E	Sprain Brook 345kV Voltage	Marcy South N.	85.4	327.8	339.3	3918
4237 >E	Dunwoodie 345kV Voltage	Marcy South N.	86.2	327.8	339.3	3919
4239 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	51.9	327.8	328.9	4161
4241 >E	Buchanan North 345kV Voltage	Marcy South N.	73.0	327.8	337.6	3919
4242 >E	Farragut 345kV Voltage	SBK Princetown 345	52.7	327.8	329.3	3904
4252 >E	Farragut 345kV Voltage	SBK Edic R70	53.4	327.8	329.1	4323
4263 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	53.8	327.8	328.9	4184
4269 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	54.4	327.8	332.9	2387
4299 >E	Rainey 345kV Voltage	Gordon Rd.-N.Scot 345	54.1	327.8	327.8	4299
4307 >E	Niagara 230kV East Voltage	Ravenswood 3	96.2	218.5	221.0	4331
4307 >E	Niagara 230kV West Voltage	Ravenswood 3	96.2	218.5	221.0	4331
4315 >E	Buchanan South 345kV Voltage	Marcy South N.	70.7	327.8	340.7	3934

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4324 >E	Farragut 345kV Voltage	Gordon Rd.-N.Scot 345	56.2	327.8	327.8	4324
4336 >E	Rainey 345kV Voltage	Volney-Marcy	55.4	327.8	327.1	4125
4361 >E	Farragut 345kV Voltage	Volney-Marcy	57.5	327.8	327.1	4147
4364 >E	Rainey 345kV Voltage	SBK Marcy R3108	56.4	327.8	326.6	3889
4382 >E	Niagara 230kV East Voltage	SBK Marcy R3108	100.9	218.5	220.4	3903
4382 >E	Niagara 230kV West Voltage	SBK Marcy R3108	100.9	218.5	220.4	3903
4388 >E	Farragut 345kV Voltage	SBK Marcy R3108	58.4	327.8	326.7	3908
4410 >E	Gardenville 230kV Voltage	Marcy South N.	64.8	207	229.9	3954
4428 >E	Niagara 230kV East Voltage	Volney-Marcy	103.4	218.5	220.0	4206
4428 >E	Niagara 230kV West Voltage	Volney-Marcy	103.4	218.5	220.0	4206
4472 >E	Goethals 345kV Voltage	Marcy South S.	62.8	327.8	329.9	3925
4551 >E	Niagara 230kV East Voltage	SBK Princetown 345	111.5	218.5	218.9	4185
4551 >E	Niagara 230kV West Voltage	SBK Princetown 345	111.5	218.5	218.9	4185
4566 >E	Niagara 230kV East Voltage	SBK Edic R70	112.4	218.5	218.8	4645
4566 >E	Niagara 230kV West Voltage	SBK Edic R70	112.4	218.5	218.8	4645
4587 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	113.7	218.5	218.6	4498
4587 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	113.7	218.5	218.6	4498
4597 >E	Niagara 230kV East Voltage	Gordon Rd.-N.Scot 345	114.3	218.5	218.5	4597
4597 >E	Niagara 230kV West Voltage	Gordon Rd.-N.Scot 345	114.3	218.5	218.5	4597
4653 >E	Rock Tavern 345kV Voltage	Marcy South N.	67.5	327.8	334.9	4003
4705 >E	Ramapo 345kV Voltage	Marcy South N.	76.6	327.8	338.8	4013
4743 >E	Goethals 345kV Voltage	SBK Princetown 345	72.9	327.8	329.4	4359
4769 >E	Goethals 345kV Voltage	SBK Edic R70	74.2	327.8	329.1	4854
4784 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	74.8	327.8	328.9	4689
4789 >E	Ladentown 345kV Voltage	Marcy South N.	77.2	327.8	339.7	4031
4870 >E	Goethals 345kV Voltage	Gordon Rd.-N.Scot 345	78.1	327.8	327.8	4870
4915 >E	Goethals 345kV Voltage	Volney-Marcy	79.8	327.8	327.2	4642
4932 >E	Bowline 1 345kV Voltage	Marcy South N.	77.9	327.8	340.4	4060
4936 >E	Goethals 345kV Voltage	SBK Marcy R3108	80.5	327.8	326.9	4322
5153 >E	Bowline 2 345kV Voltage	Marcy South N.	84.7	327.8	339.4	4105
5157 >E	Niagara 345kV Voltage	Ph2 DC 1500	80.0	327.8	340.7	4780
5421 >E	Niagara 230kV East Voltage	Ph2 DC 1500	173.8	218.5	226.0	4964
5421 >E	Niagara 230kV West Voltage	Ph2 DC 1500	173.8	218.5	226.0	4964
6351 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	271.3	131.1	134.4	2427
6362 >E	Northport 138kV Voltage	SBK Edic R945	272.2	131.1	134.4	2388
6405 >E	Northport 138kV Voltage	Pre-Fault	397.4	NA	135	6405
6696 >E	Northport 138kV Voltage	Ravenswood 3	305.5	131.1	134.3	6588
6725 >E	Pannell Road 345kV Voltage	Marcy South S.	275.8	327.8	402.2	4631
7131 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	332.5	131.1	133.5	3091
7291 >E	Gardenville 230kV Voltage	Ph2 DC 1500	162.1	207	222.6	6268
7300 >E	Rainey 345kV Voltage	Ph2 DC 1500	169.7	327.8	350.9	6275

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7306 >E	Farragut 345kV Voltage	Ph2 DC 1500	173.4	327.8	350.4	6279
7492 >E	Northport 138kV Voltage	Marcy South S.	362.1	131.1	132.6	4872
7726 >E	Northport 138kV Voltage	SBK Princetown 345	379.0	131.1	131.7	7074
7738 >E	Northport 138kV Voltage	SBK Edic R70	380.4	131.1	131.6	7906
7774 >E	Northport 138kV Voltage	N.Scot-Leeds 345	383.3	131.1	131.6	7590
7955 >E	Northport 138kV Voltage	Gordon Rd.-N.Scot 345	397.4	131.1	131.1	7955
8076 >E	Northport 138kV Voltage	Volney-Marcy	406.6	131.1	130.8	7469
8180 >E	Northport 138kV Voltage	SBK Marcy R3108	414.6	131.1	130.5	6775
8461 >E	Goethals 345kV Voltage	Ph2 DC 1500	220.4	327.8	351.1	7085
9832 >E	Rainey 345kV Voltage	Marcy South N.	264.5	327.8	346.3	5054
9900 >E	Farragut 345kV Voltage	Marcy South N.	272.4	327.8	345.9	5068
10501 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	593.5	327.8	699.3	3920
11689 >E	Gardenville 230kV Voltage	Ravenswood 3	320.2	207	223.7	11306
12389 >E	Goethals 345kV Voltage	Marcy South N.	372.5	327.8	346.6	5574
14750 >E	Gardenville 230kV Voltage	SBK Marcy R3108	435.2	207	219.9	11743
16386 >E	Gardenville 230kV Voltage	Volney-Marcy	491.7	207	217.9	14901
17087 >E	Gardenville 230kV Voltage	Pre-Fault	805.5	NA	217	17087
17146 >E	Northport 138kV Voltage	Ph2 DC 1500	1127.4	131.1	144.8	13146
17333 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	542.5	207	358.8	5602
22363 >E	Gardenville 230kV Voltage	SBK Princetown 345	708.8	207	210.5	20393
23397 >E	Gardenville 230kV Voltage	SBK Edic R70	741.9	207	209.2	24005
24175 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	771.2	207	208.2	23503
25142 >E	Gardenville 230kV Voltage	Gordon Rd.-N.Scot 345	805.5	207	207.0	25142
44756 >E	Northport 138kV Voltage	Marcy South N.	3296.3	131.1	142.0	12144
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

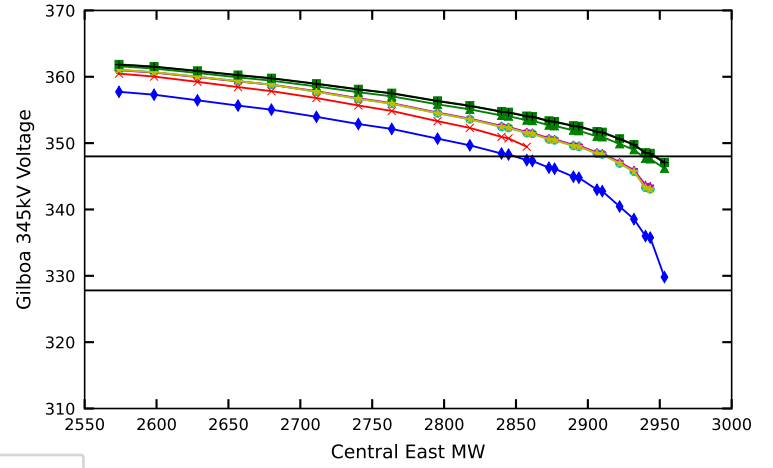
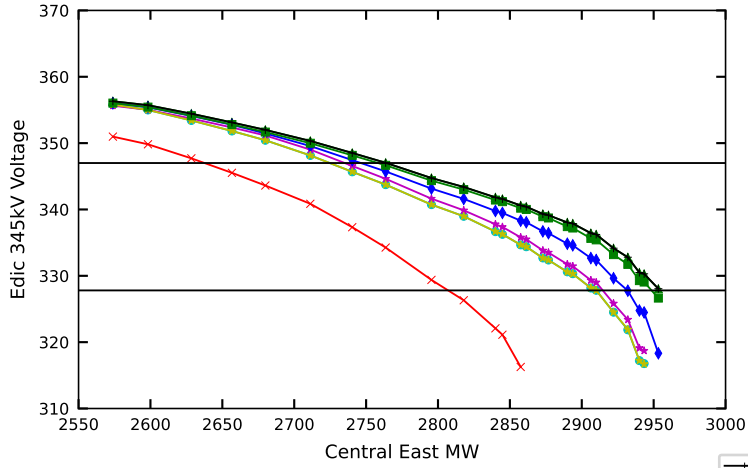
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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 1A

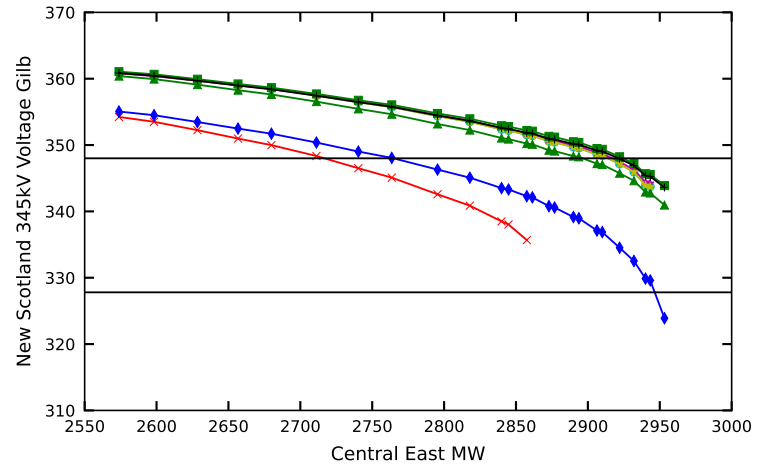
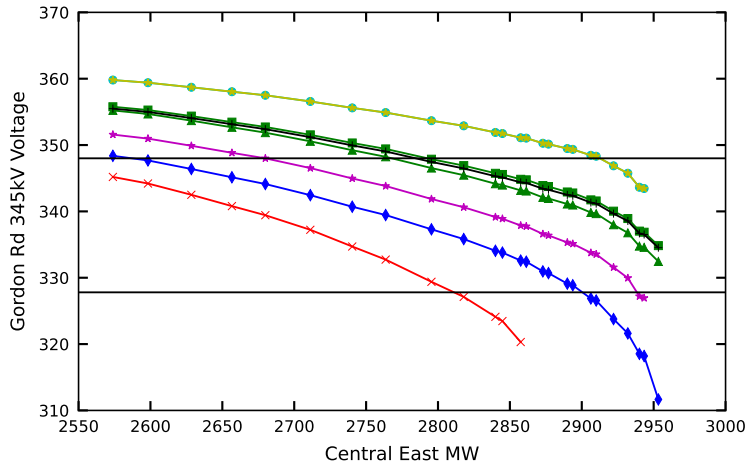
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Gordon Rd.-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

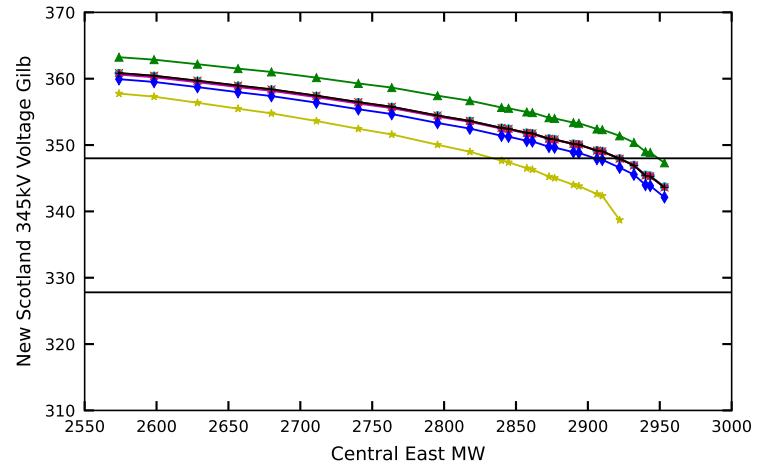
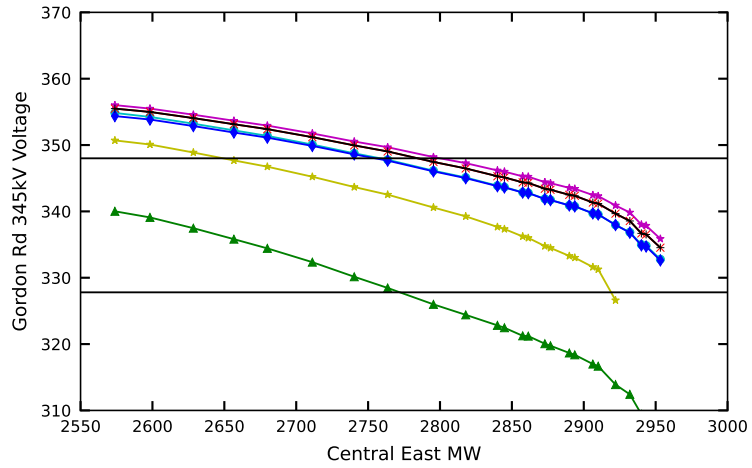
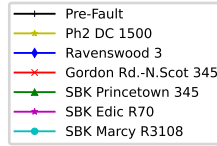
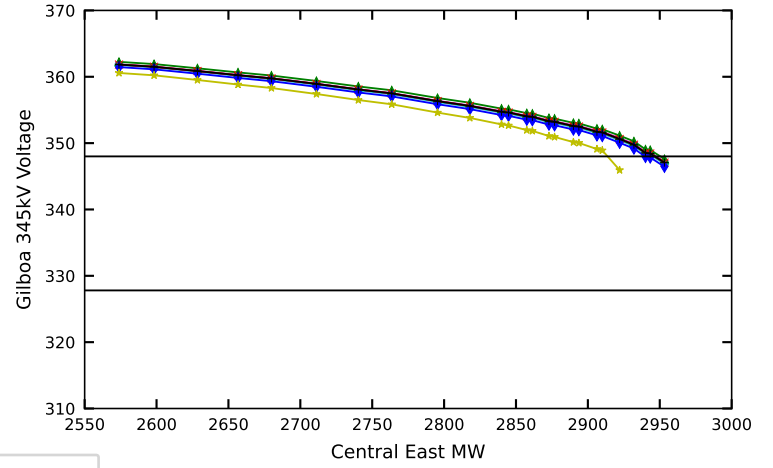
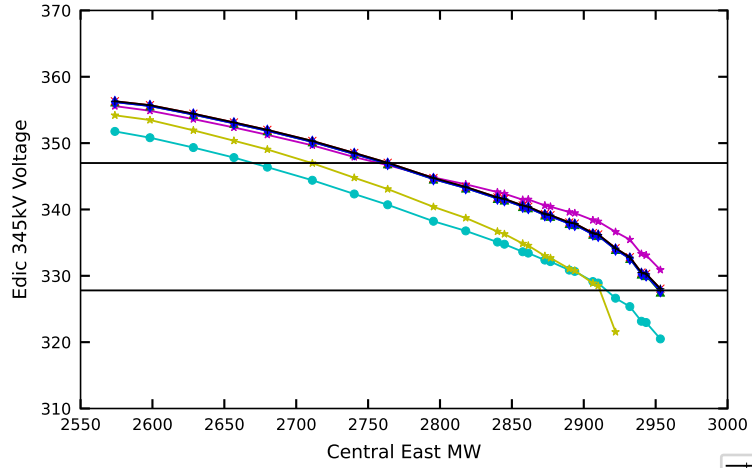
1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A Figure 1



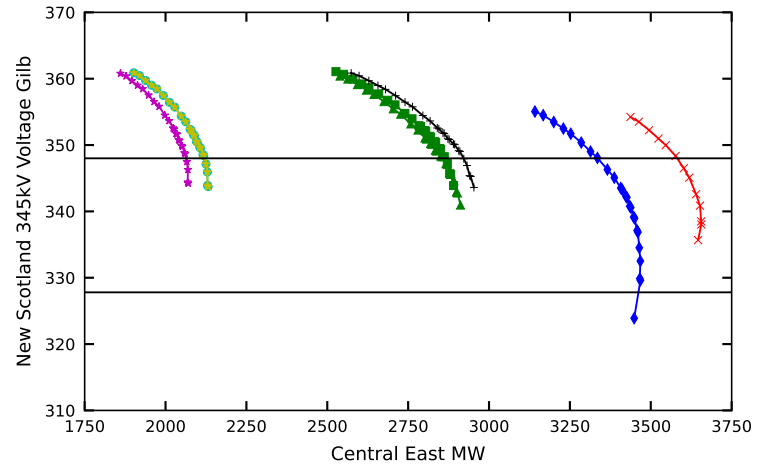
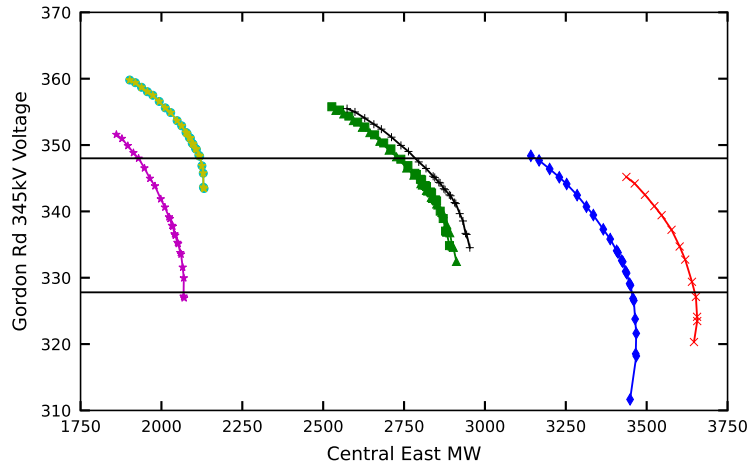
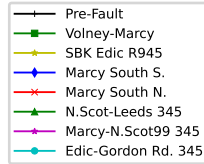
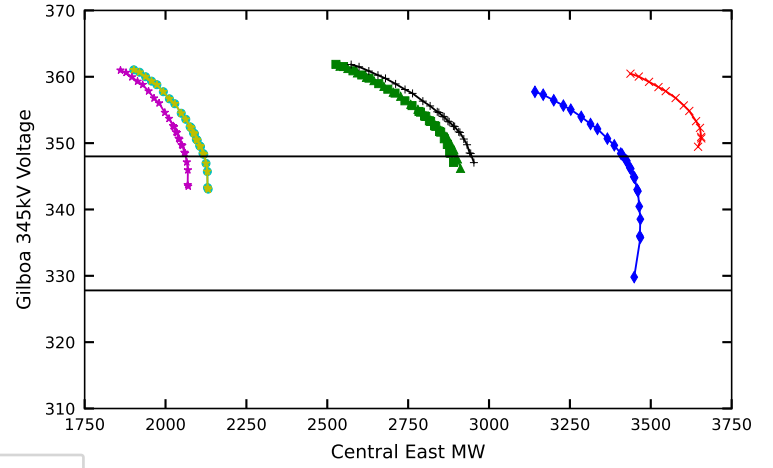
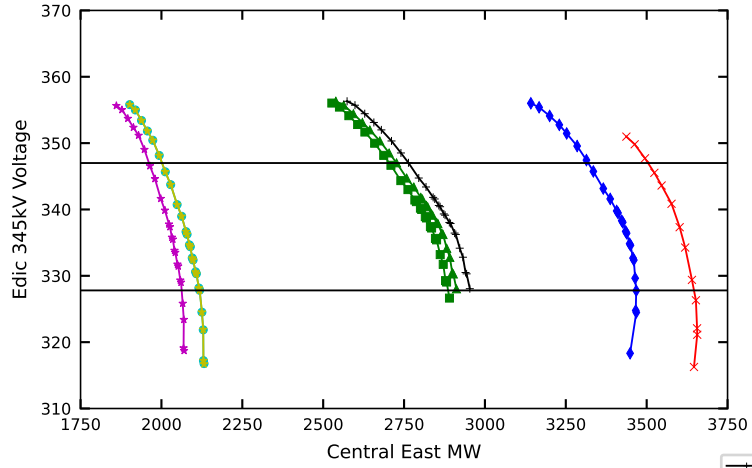
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



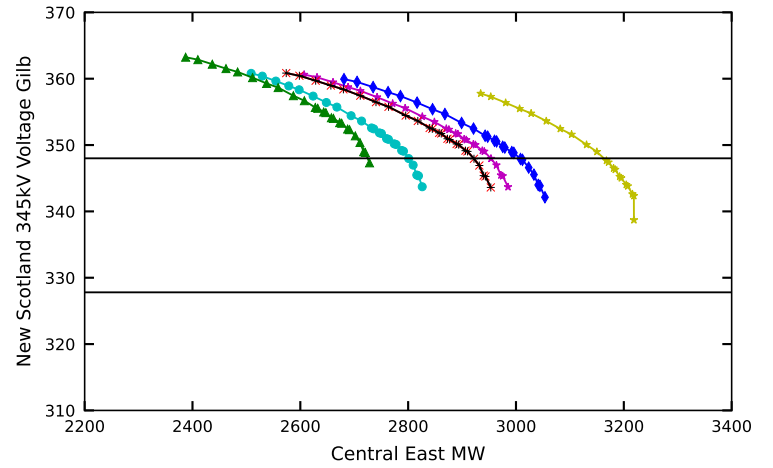
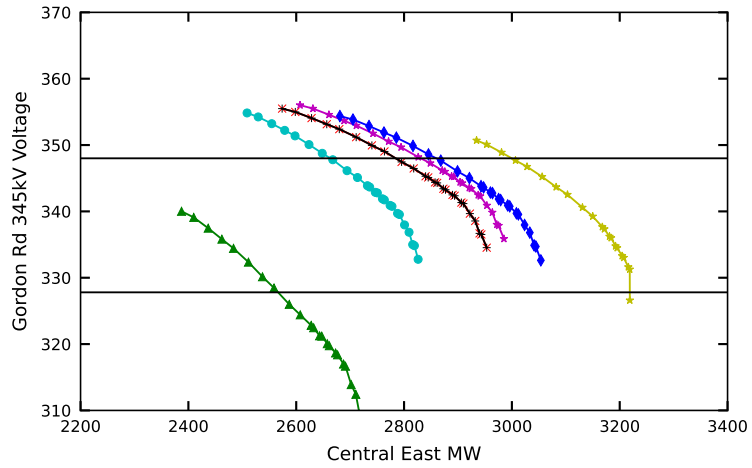
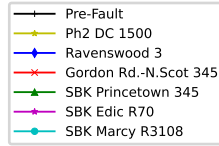
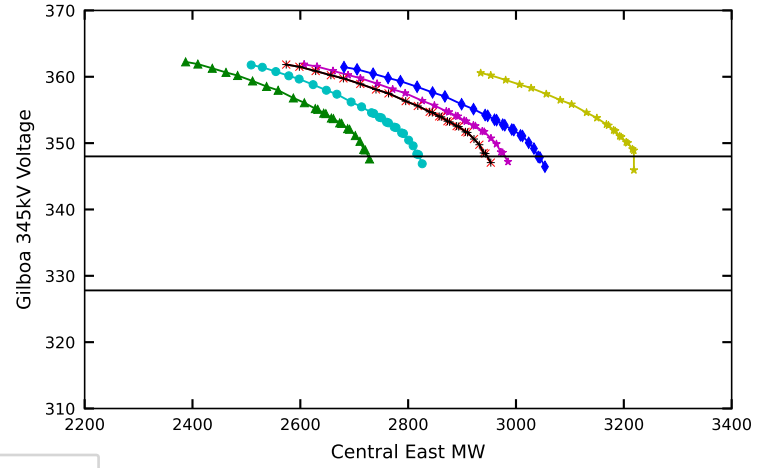
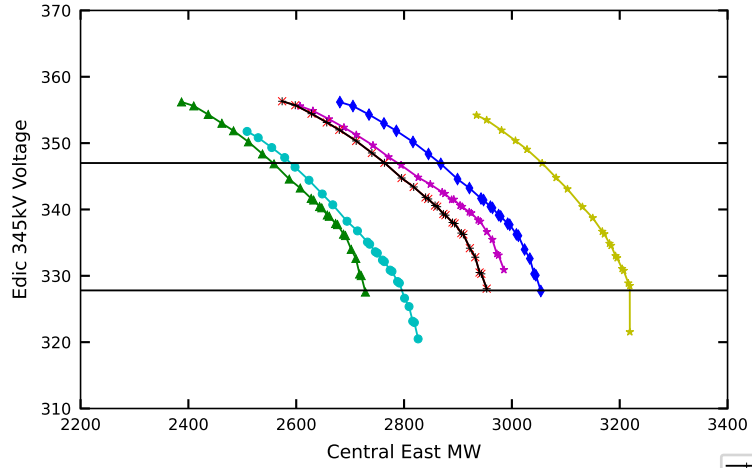
1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A Figure 2



1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A Figure 1



1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 3O 2A

Interface: Central East

Transfer MW		base	ce01	ce02	ce03	ce07	ce08	ce11	ce13	ce15	ce20	ce30	ce31	log09	log15
2573	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2598	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2628	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2656	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2679	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2711	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2740	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2763	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2795	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2817	t10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2839	t11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2844	t12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2857	t13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2861	t14	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2872	t15	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2876	t16	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2889	t17	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2893	t18	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2906	t19	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2910	t20	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2922	t21	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2932	t22	0	0	0	0	2	0	0	0	0	0	0	0	0	1
2940	t23	0	0	0	0	2	0	0	0	0	0	0	0	0	2
2943	t24	0	0	0	0	2	0	0	0	0	0	0	0	0	2
2953	t25	0	2	2	0	2	0	2	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2
Ph2 DC																								
1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2488 <E	Dunwoodie 345kV Voltage	Pre-Fault	107.4	NA	348	2488
2500 <E	Sprain Brook 345kV Voltage	Pre-Fault	107.6	NA	348	2500
2702	limit with 5% margin	Marcy South N.	NA	NA	NA	3473
2748	Marcy 345kV Voltage	Pre-Fault	15.6	NA	348	2748
2764	Edic 345kV Voltage	Pre-Fault	13.9	NA	347	2764
2772	Gordon Rd 345kV Voltage	SBK Princetown 345	12.9	327.8	348.6	2566
2775	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3057
2784	Gordon Rd 345kV Voltage	Pre-Fault	20.2	NA	348	2784
2785	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1965
2785	limit with 5% margin	Marcy South S.	NA	NA	NA	3294
2796	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2025
2796	limit with 5% margin	SBK Edic R945	NA	NA	NA	2025
2798	Millwood 345kV Voltage	Pre-Fault	95.7	NA	348	2798
2805	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2766
2805	limit with 5% margin	Volney-Marcy	NA	NA	NA	2745
2805	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2684
2805	limit with 5% margin	SBK Edic R70	NA	NA	NA	2835
2805	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2591
2805	limit with 5% margin	Gordon Rd.-N.Scot 345	NA	NA	NA	2805
2805	limit with 5% margin	Ravenswood 3	NA	NA	NA	2901
2807	Edic 345kV Voltage	Marcy South N.	7.3	327.8	344.0	3646
2809	Marcy 345kV Voltage	Marcy South N.	7.3	327.8	343.9	3647
2811	Gordon Rd 345kV Voltage	Marcy South N.	9.9	327.8	346.8	3648
2848 >E	Clay 345kV Voltage	Marcy South N.	6.1	327.8	347.0	3656
2869 >E	Oakdale 345kV Voltage	Marcy South N.	7.5	320	346.3	3658
2885	Buchanan North 345kV Voltage	Pre-Fault	51.1	NA	346	2885
2885	Pannell Road 345kV Voltage	Pre-Fault	39.3	NA	346	2885
2889	Clay 345kV Voltage	Pre-Fault	19.3	NA	345	2889
2890	Station 80 345kV Voltage	Pre-Fault	18.9	NA	346	2890
2900	Gordon Rd 345kV Voltage	Marcy South S.	6.3	327.8	341.8	3454
2905	Marcy 345kV Voltage	SBK Edic R945	5.9	327.8	336.5	2115
2905	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.8	327.8	336.5	2115
2910	Edic 345kV Voltage	SBK Edic R945	3.7	327.8	336.2	2118
2910	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.7	327.8	336.2	2118
2911	Edic 345kV Voltage	Ph2 DC 1500	1.7	327.8	336.0	3218
2911	Marcy 345kV Voltage	Ph2 DC 1500	1.7	327.8	335.9	3218
2914	Edic 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	335.4	2062
2915	Edic 345kV Voltage	SBK Marcy R3108	5.3	327.8	335.2	2795
2917 >E	Pannell Road 345kV Voltage	Marcy South N.	9.8	327.8	345.4	3663
2917	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	334.8	2063
2918	Gordon Rd 345kV Voltage	Ph2 DC 1500	2.6	327.8	340.1	3218

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2921	New Scotland 345kV Voltage Alps	Pre-Fault	10.9	NA	348	2921
2921	New Scotland 345kV Voltage Gilb	Pre-Fault	10.9	NA	348	2921
2931	Edic 345kV Voltage	Marcy South S.	5.3	327.8	332.8	3467
2933 >E	Marcy 345kV Voltage	Marcy South S.	5.3	327.8	332.6	3468
2934 >E	Clay 345kV Voltage	Ph2 DC 1500	2.4	327.8	340.4	3218
2936	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	2.5	327.8	340.2	2129
2936	Coopers Corners 345kV Voltage	SBK Edic R945	2.5	327.8	340.2	2129
2937	Rock Tavern 345kV Voltage	Pre-Fault	8.9	NA	348	2937
2937	Pleasant Valley 345kV Voltage	Pre-Fault	12.7	NA	348	2937
2938	Oakdale 345kV Voltage	Pre-Fault	3.1	NA	335	2938
2942 >E	Oakdale 345kV Voltage	Ph2 DC 1500	2.1	320	334.3	3218
2943	Fraser 345kV Voltage	SBK Edic R945	8.5	327.8	338.8	2131
2943 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	9.7	327.8	338.8	2131
2944 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	4.8	327.8	339.7	2073
2945 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	337.1	2073
2946 >E	Clay 345kV Voltage	SBK Edic R945	6.6	327.8	339.0	2133
2946	Gilboa 345kV Voltage	Pre-Fault	7.2	NA	348	2946
2946	Fraser 345kV Voltage	Pre-Fault	4.4	NA	338	2946
2946 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	7.5	327.8	338.9	2133
2948	Edic 345kV Voltage	Volney-Marcy	4.1	327.8	329.1	2886
2948 >E	Fraser 345kV Voltage	Ph2 DC 1500	2.4	327.8	338.3	3219
2949	Marcy 345kV Voltage	Volney-Marcy	4.1	327.8	328.7	2887
2950 >E	Ramapo 500kV Voltage	Ph2 DC 1500	15.0	500	507.6	3219
2950 >E	Oakdale 345kV Voltage	SBK Edic R945	13.1	320	334.5	2135
2951	Buchanan South 345kV Voltage	Pre-Fault	16.3	NA	346	2951
2951	Coopers Corners 345kV Voltage	Pre-Fault	5.9	NA	338	2951
2952 >E	New Scotland 345kV Voltage Alps	Marcy South N.	10.5	327.8	349.5	3666
2952 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	10.5	327.8	349.5	3666
2952	Edic 345kV Voltage	SBK Princetown 345	4.0	327.8	328.3	2727
2952	Marcy 345kV Voltage	SBK Princetown 345	4.0	327.8	328.1	2727
2952 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	16.6	320	334.5	2137
2952	Edic 345kV Voltage	Ravenswood 3	4.2	327.8	328.1	3053
2953	Marcy 345kV Voltage	Ravenswood 3	4.1	327.8	327.9	3053
2953 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	327.8	2912
2953 >E	Marcy 345kV Voltage	SBK Marcy R3108	4.4	327.8	327.8	2826
2953 >E	Marcy 345kV Voltage	SBK Edic R70	4.4	327.8	327.8	2985
2953 >E	Marcy 345kV Voltage	Gordon Rd.-N.Scot 345	4.4	327.8	327.8	2953
2953 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	337.8	2076
2954 >E	Edic 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	327.8	2912
2954 >E	Edic 345kV Voltage	Gordon Rd.-N.Scot 345	4.4	327.8	327.8	2954
2955 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	3.3	327.8	338.7	3219

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2955 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	4.8	218.5	227.7	3219
2955 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.0	327.8	344.5	3475
2955 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.0	327.8	344.5	3475
2955 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	3.5	327.8	339.0	3219
2957 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.2	320	333.4	2077
2958 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	3.3	327.8	344.6	3219
2958 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	3.3	327.8	344.6	3219
2958 >E	Station 80 345kV Voltage	Marcy South N.	11.8	327.8	344.9	3666
2964 >E	Station 80 345kV Voltage	Ph2 DC 1500	4.0	327.8	338.6	3219
2967 >E	Edic 345kV Voltage	SBK Edic R70	4.5	327.8	324.9	2999
2968 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	338.3	2081
2971 >E	Clay 345kV Voltage	SBK Marcy R3108	5.4	327.8	334.6	2838
2974 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	330.2	2932
2976 >E	Gordon Rd 345kV Voltage	Ravenswood 3	4.7	327.8	329.9	3075
2977 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	4.8	327.8	329.7	2842
2977 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.6	320	325.5	2842
2983 >E	Coopers Corners 345kV Voltage	Ravenswood 3	4.9	327.8	332.6	3082
2986 >E	Gordon Rd 345kV Voltage	Gordon Rd.-N.Scot 345	5.0	327.8	327.8	2986
2986 >E	Oakdale 345kV Voltage	Volney-Marcy	3.7	320	323.0	2920
2987 >E	Gordon Rd 345kV Voltage	Volney-Marcy	4.9	327.8	327.6	2921
2987 >E	Gilboa 345kV Voltage	Marcy South S.	5.2	327.8	344.9	3486
2988 >E	Ramapo 345kV Voltage	Pre-Fault	16.9	NA	346	2988
2990 >E	Oakdale 345kV Voltage	Ravenswood 3	3.6	320	321.9	3089
2991 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	327.8	2948
2991 >E	Fraser 345kV Voltage	Volney-Marcy	4.4	327.8	327.8	2924
2991 >E	Fraser 345kV Voltage	SBK Marcy R3108	4.4	327.8	327.8	2852
2991 >E	Fraser 345kV Voltage	Gordon Rd.-N.Scot 345	4.4	327.8	327.8	2991
2991 >E	Fraser 345kV Voltage	Ravenswood 3	4.4	327.8	327.8	3089
2991 >E	Fraser 345kV Voltage	SBK Edic R70	4.4	327.8	327.8	3023
2991 >E	Fraser 345kV Voltage	SBK Princetown 345	4.4	327.8	327.8	2758
2991 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.6	320	321.7	2758
2993 >E	Clay 345kV Voltage	Volney-Marcy	5.7	327.8	330.9	2926
2993 >E	Gordon Rd 345kV Voltage	SBK Edic R70	5.0	327.8	326.4	3025
2995 >E	Gilboa 345kV Voltage	Ph2 DC 1500	4.1	327.8	344.6	3219
2997 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.8	320	320.2	2954
2998 >E	Oakdale 345kV Voltage	Gordon Rd.-N.Scot 345	3.8	320	320.0	2998
2998 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	5.5	327.8	330.1	2764
3000 >E	Oakdale 345kV Voltage	SBK Edic R70	3.8	320	319.4	3032
3003 >E	Clay 345kV Voltage	SBK Princetown 345	5.5	327.8	329.2	2768
3004 >E	Leeds 345kV Voltage	Pre-Fault	8.5	NA	345	3004
3004 >E	Coopers Corners 345kV Voltage	SBK Edic R70	5.8	327.8	329.1	3036

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3005 >E	Clay 345kV Voltage	Ravenswood 3	5.7	327.8	329.0	3102
3007 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	5.8	327.8	328.5	2964
3009 >E	Ladentown 345kV Voltage	Pre-Fault	16.8	NA	346	3009
3011 >E	Clay 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	327.9	2968
3012 >E	Coopers Corners 345kV Voltage	Gordon Rd.-N.Scot 345	5.9	327.8	327.8	3012
3012 >E	Clay 345kV Voltage	Gordon Rd.-N.Scot 345	6.0	327.8	327.8	3012
3013 >E	Ramapo 500kV Voltage	Ravenswood 3	28.5	500	505.8	3110
3015 >E	Coopers Corners 345kV Voltage	Volney-Marcy	5.9	327.8	327.3	2945
3015 >E	St.Lawrence 230kV Voltage	Pre-Fault	23.2	NA	225	3015
3019 >E	Clay 345kV Voltage	SBK Edic R70	6.1	327.8	326.6	3051
3022 >E	Fraser 345kV Voltage	Marcy South S.	6.8	327.8	327.8	3498
3023 >E	Roseton 345kV Voltage	Pre-Fault	14.0	NA	345	3023
3024 >E	Clay 345kV Voltage	Marcy South S.	8.8	327.8	333.7	3499
3024 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	5.4	327.8	331.6	2980
3024 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	5.4	327.8	331.6	2980
3028 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	6.3	327.8	325.1	2878
3029 >E	Leeds 345kV Voltage	Marcy South S.	6.1	327.8	346.4	3500
3031 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	7.9	327.8	331.9	2880
3035 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	5.7	327.8	329.8	3130
3035 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	5.7	327.8	329.8	3130
3036 >E	Somerset 345kV Voltage	Ph2 DC 1500	5.8	327.8	339.9	3219
3041 >E	Leeds 345kV Voltage	Ph2 DC 1500	5.1	327.8	347.2	3220
3043 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	12.4	218.5	222.9	2107
3045 >E	Oakdale 345kV Voltage	Marcy South S.	6.6	320	320.4	3506
3045 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	23.6	500	505.2	2107
3047 >E	New Scotland 345kV Voltage Alps	Gordon Rd.-N.Scot 345	6.0	327.8	327.8	3047
3047 >E	New Scotland 345kV Voltage Gilb	Gordon Rd.-N.Scot 345	6.0	327.8	327.8	3047
3048 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	6.0	327.8	327.7	3079
3048 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	6.0	327.8	327.7	3079
3048 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	5.9	327.8	327.7	2975
3048 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	5.9	327.8	327.7	2975
3049 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	6.0	327.8	327.6	2893
3049 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	6.0	327.8	327.6	2893
3050 >E	Dunwoodie 345kV Voltage	Ravenswood 3	14.0	327.8	336.2	3144
3050 >E	Pannell Road 345kV Voltage	Volney-Marcy	8.2	327.8	329.7	2977
3050 >E	Sprain Brook 345kV Voltage	Ravenswood 3	13.8	327.8	336.2	3145
3054 >E	Bowline 1 345kV Voltage	Pre-Fault	17.0	NA	345	3054
3054 >E	Pannell Road 345kV Voltage	Ravenswood 3	8.1	327.8	329.2	3148
3055 >E	Pannell Road 345kV Voltage	SBK Princetown 345	8.0	327.8	329.0	2809
3060 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	7.2	327.8	342.5	3220
3061 >E	Bowline 2 345kV Voltage	Pre-Fault	16.8	NA	345	3061

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3063 >E	Ramapo 500kV Voltage	SBK Edic R945	28.9	500	505.2	2201
3063 >E	St.Lawrence 230kV Voltage	Marcy South N.	23.3	218.5	229.0	3676
3065 >E	Station 80 345kV Voltage	SBK Marcy R3108	9.7	327.8	331.2	2904
3066 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	8.5	327.8	327.9	3020
3066 >E	Pannell Road 345kV Voltage	Gordon Rd.-N.Scot 345	8.5	327.8	327.8	3066
3071 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	30.8	500	505.1	2205
3072 >E	Pannell Road 345kV Voltage	SBK Edic R70	8.6	327.8	327.1	3103
3073 >E	Pannell Road 345kV Voltage	SBK Edic R945	16.3	327.8	339.1	2207
3073 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	7.9	327.8	342.6	3220
3074 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	15.5	218.5	222.5	2910
3075 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	10.2	327.8	339.7	3220
3077 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	6.3	327.8	322.9	2825
3077 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	6.3	327.8	322.9	2825
3077 >E	Buchanan North 345kV Voltage	Ravenswood 3	12.8	327.8	336.2	3170
3079 >E	Rock Tavern 345kV Voltage	Ravenswood 3	8.5	327.8	336.1	3171
3080 >E	Millwood 345kV Voltage	Ravenswood 3	12.7	327.8	336.3	3172
3082 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	7.0	327.8	329.3	3036
3083 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	11.1	327.8	337.3	3220
3083 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	8.3	327.8	336.7	2120
3084 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	11.2	327.8	337.5	3220
3084 >E	Station 80 345kV Voltage	Ravenswood 3	9.8	327.8	329.4	3177
3085 >E	Station 80 345kV Voltage	Volney-Marcy	10.1	327.8	329.3	3008
3085 >E	Gilboa 345kV Voltage	Ravenswood 3	7.1	327.8	328.8	3177
3086 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	8.3	327.8	331.2	2121
3086 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	8.3	327.8	331.2	2121
3086 >E	Millwood 345kV Voltage	Ph2 DC 1500	9.9	327.8	339.6	3220
3087 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	9.1	327.8	338.3	2122
3088 >E	Station 80 345kV Voltage	SBK Princetown 345	9.8	327.8	329.0	2835
3088 >E	St.Lawrence 230kV Voltage	SBK Edic R945	20.8	218.5	226.2	2216
3090 >E	Gilboa 345kV Voltage	SBK Marcy R3108	7.2	327.8	328.0	2922
3092 >E	Gilboa 345kV Voltage	Volney-Marcy	7.2	327.8	327.8	3015
3092 >E	Gilboa 345kV Voltage	Gordon Rd.-N.Scot 345	7.2	327.8	327.8	3092
3093 >E	St.Lawrence 230kV Voltage	Marcy South S.	16.4	218.5	220.2	3522
3093 >E	Gilboa 345kV Voltage	SBK Edic R70	7.2	327.8	327.6	3125
3093 >E	Pleasant Valley 345kV Voltage	Marcy South S.	10.7	327.8	339.5	3522
3097 >E	Gilboa 345kV Voltage	SBK Princetown 345	7.3	327.8	327.1	2842
3097 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	9.8	327.8	340.9	3220
3099 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	19.6	327.8	338.5	2221
3100 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	327.8	3053
3100 >E	Station 80 345kV Voltage	Gordon Rd.-N.Scot 345	10.4	327.8	327.8	3100
3103 >E	Buchanan South 345kV Voltage	Ravenswood 3	12.6	327.8	336.6	3194

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3106 >E	Station 80 345kV Voltage	SBK Edic R70	10.5	327.8	327.3	3137
3112 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	24.1	218.5	225.8	2229
3116 >E	Ramapo 345kV Voltage	Ph2 DC 1500	10.0	327.8	342.8	3220
3116 >E	Watercure 230kV Voltage	Marcy South N.	17.7	207	228.3	3681
3119 >E	Dunwoodie 345kV Voltage	Marcy South S.	13.2	327.8	330.6	3531
3121 >E	Niagara 345kV Voltage	Ph2 DC 1500	7.5	327.8	338.5	3220
3122 >E	Sprain Brook 345kV Voltage	Marcy South S.	13.1	327.8	330.5	3532
3126 >E	Ladentown 345kV Voltage	Ph2 DC 1500	9.8	327.8	343.6	3220
3129 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	13.4	327.8	330.0	2136
3129 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	13.4	327.8	330.0	2136
3129 >E	Roseton 345kV Voltage	Ph2 DC 1500	9.3	327.8	344.2	3220
3130 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	11.2	327.8	332.8	3220
3131 >E	St.Lawrence 230kV Voltage	Volney-Marcy	20.6	218.5	220.0	3050
3136 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	13.3	327.8	333.1	2138
3140 >E	St.Lawrence 230kV Voltage	Ravenswood 3	21.3	218.5	219.6	3228
3141 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	9.8	327.8	344.6	3221
3141 >E	Watercure 230kV Voltage	Ph2 DC 1500	10.5	207	234.1	3221
3143 >E	Ramapo 345kV Voltage	Ravenswood 3	12.4	327.8	336.8	3232
3143 >E	Gilboa 345kV Voltage	SBK Edic R945	13.2	327.8	343.0	2248
3145 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	9.8	327.8	344.9	3221
3149 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	21.2	218.5	219.2	2883
3150 >E	Ramapo 500kV Voltage	Marcy South S.	32.0	500	502.9	3542
3150 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	8.5	327.8	327.8	3101
3150 >E	Leeds 345kV Voltage	SBK Princetown 345	8.5	327.8	327.8	2883
3150 >E	Leeds 345kV Voltage	Gordon Rd.-N.Scot 345	8.5	327.8	327.8	3150
3150 >E	Leeds 345kV Voltage	Volney-Marcy	8.5	327.8	327.8	3067
3150 >E	Leeds 345kV Voltage	SBK Edic R70	8.5	327.8	327.8	3181
3150 >E	Leeds 345kV Voltage	Ravenswood 3	8.5	327.8	327.8	3238
3150 >E	Leeds 345kV Voltage	SBK Marcy R3108	8.5	327.8	327.8	2963
3151 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	10.7	327.8	329.9	2884
3154 >E	Millwood 345kV Voltage	Marcy South S.	13.3	327.8	331.7	3543
3154 >E	Ladentown 345kV Voltage	Ravenswood 3	12.5	327.8	337.3	3242
3156 >E	Station 80 345kV Voltage	SBK Edic R945	21.4	327.8	339.5	2255
3162 >E	Rock Tavern 345kV Voltage	SBK Edic R70	11.2	327.8	329.0	3193
3163 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	14.4	327.8	342.5	2258
3164 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	13.5	327.8	331.1	2148
3166 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	11.4	327.8	328.7	3117
3166 >E	St.Lawrence 230kV Voltage	Gordon Rd.-N.Scot 345	23.2	218.5	218.5	3166
3167 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	23.3	218.5	218.4	3118
3176 >E	Roseton 345kV Voltage	Ravenswood 3	11.7	327.8	334.1	3262
3176 >E	Bowline 1 345kV Voltage	Ravenswood 3	12.6	327.8	337.8	3263

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3176 >E	Rock Tavern 345kV Voltage	Gordon Rd.-N.Scot 345	11.7	327.8	327.8	3176
3178 >E	St.Lawrence 230kV Voltage	SBK Edic R70	24.5	218.5	218.0	3209
3179 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	13.5	327.8	332.4	2153
3180 >E	Bowline 2 345kV Voltage	Ravenswood 3	12.5	327.8	337.9	3266
3180 >E	Rock Tavern 345kV Voltage	Volney-Marcy	11.8	327.8	327.4	3094
3182 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	12.2	327.8	328.7	3133
3190 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	12.4	327.8	328.1	3221
3191 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	17.3	327.8	328.3	3141
3192 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	17.5	327.8	328.3	3142
3193 >E	Pleasant Valley 345kV Voltage	Gordon Rd.-N.Scot 345	12.5	327.8	327.8	3193
3193 >E	Sprain Brook 345kV Voltage	SBK Edic R70	17.4	327.8	328.2	3224
3194 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	13.5	327.8	335.8	2158
3194 >E	Dunwoodie 345kV Voltage	SBK Edic R70	17.6	327.8	328.2	3225
3196 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	12.3	327.8	326.1	2996
3197 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	12.6	327.8	327.5	3110
3198 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	17.2	327.8	327.9	2921
3198 >E	Gordon Rd 345kV Voltage	SBK Edic R945	16.3	327.8	323.8	2280
3199 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	17.4	327.8	327.9	2922
3200 >E	Sprain Brook 345kV Voltage	Gordon Rd.-N.Scot 345	17.7	327.8	327.8	3200
3201 >E	Dunwoodie 345kV Voltage	Gordon Rd.-N.Scot 345	17.9	327.8	327.8	3201
3201 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	12.5	327.8	327.2	2924
3202 >E	Niagara 230kV East Voltage	Ph2 DC 1500	20.0	218.5	226.6	3221
3202 >E	Niagara 230kV West Voltage	Ph2 DC 1500	20.0	218.5	226.6	3221
3203 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	26.1	327.8	338.8	2281
3204 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	12.8	327.8	327.0	3001
3205 >E	Sprain Brook 345kV Voltage	Volney-Marcy	17.8	327.8	327.5	3117
3206 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	15.6	327.8	328.4	3155
3206 >E	Dunwoodie 345kV Voltage	Volney-Marcy	18.0	327.8	327.5	3118
3208 >E	Buchanan North 345kV Voltage	SBK Princetown 345	16.2	327.8	328.6	2929
3209 >E	Millwood 345kV Voltage	SBK Edic R70	15.8	327.8	328.2	3240
3210 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	16.8	327.8	335.1	2287
3210 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	16.8	327.8	335.1	2287
3210 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	16.6	327.8	328.4	3160
3212 >E	Buchanan North 345kV Voltage	SBK Edic R70	16.6	327.8	328.4	3242
3213 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	13.4	327.8	335.4	2164
3213 >E	Millwood 345kV Voltage	SBK Princetown 345	15.6	327.8	328.0	2933
3214 >E	Ramapo 500kV Voltage	SBK Princetown 345	38.4	500	501.3	2934
3215 >E	Buchanan South 345kV Voltage	Marcy South S.	14.6	327.8	330.3	3564
3216 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	18.3	327.8	326.9	3009
3216 >E	Ramapo 500kV Voltage	Marcy South N.	49.6	500	504.1	3690
3216 >E	Millwood 345kV Voltage	Gordon Rd.-N.Scot 345	16.1	327.8	327.8	3216

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3217 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	18.5	327.8	326.9	3010
3218 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	17.6	327.8	322.8	2290
3221 >E	Somerset 345kV Voltage	Pre-Fault	20.4	NA	338	3221
3221 >E	Buchanan North 345kV Voltage	Gordon Rd.-N.Scot 345	17.1	327.8	327.8	3221
3222 >E	Millwood 345kV Voltage	Volney-Marcy	16.2	327.8	327.5	3131
3226 >E	Buchanan North 345kV Voltage	Volney-Marcy	17.2	327.8	327.5	3135
3230 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	18.0	327.8	334.3	2297
3230 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	18.0	327.8	334.3	2297
3232 >E	Millwood 345kV Voltage	SBK Marcy R3108	16.6	327.8	326.8	3021
3234 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	13.4	327.8	335.9	2172
3235 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	15.8	327.8	328.5	3184
3238 >E	Buchanan North 345kV Voltage	Marcy South S.	16.4	327.8	327.3	3572
3238 >E	Buchanan South 345kV Voltage	SBK Edic R70	15.9	327.8	328.3	3268
3238 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	17.7	327.8	326.8	3025
3238 >E	Buchanan South 345kV Voltage	SBK Princetown 345	15.6	327.8	328.3	2953
3240 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	13.4	327.8	336.0	2174
3245 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	42.3	500	500.6	3193
3247 >E	Buchanan South 345kV Voltage	Gordon Rd.-N.Scot 345	16.3	327.8	327.8	3247
3251 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	28.7	327.8	346.6	2178
3252 >E	Buchanan South 345kV Voltage	Volney-Marcy	16.4	327.8	327.5	3159
3254 >E	Roseton 345kV Voltage	Marcy South S.	14.3	327.8	335.2	3577
3254 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	328.5	3202
3255 >E	Roseton 345kV Voltage	SBK Princetown 345	13.5	327.8	328.4	2966
3255 >E	Roseton 345kV Voltage	SBK Edic R70	13.7	327.8	328.4	3286
3256 >E	Ramapo 500kV Voltage	Volney-Marcy	43.3	500	500.4	3162
3256 >E	Ramapo 500kV Voltage	SBK Edic R70	42.9	500	500.4	3286
3256 >E	Ramapo 500kV Voltage	SBK Marcy R3108	43.5	500	500.4	3038
3264 >E	Roseton 345kV Voltage	Gordon Rd.-N.Scot 345	14.0	327.8	327.8	3264
3264 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	16.8	327.8	326.7	3043
3267 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	15.8	327.8	329.8	2183
3268 >E	Roseton 345kV Voltage	Volney-Marcy	14.0	327.8	327.5	3173
3272 >E	Ramapo 345kV Voltage	SBK Princetown 345	15.8	327.8	329.2	2979
3274 >E	Ramapo 500kV Voltage	Pre-Fault	45.1	NA	500	3274
3274 >E	Ramapo 500kV Voltage	Gordon Rd.-N.Scot 345	45.1	500	500.0	3274
3275 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	15.1	327.8	334.1	2186
3279 >E	Roseton 345kV Voltage	SBK Marcy R3108	14.4	327.8	326.7	3054
3279 >E	Somerset 345kV Voltage	Marcy South N.	21.4	327.8	348.7	3696
3281 >E	Ramapo 345kV Voltage	SBK Edic R70	16.3	327.8	328.7	3312
3282 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	16.4	327.8	328.6	3229
3293 >E	Ladentown 345kV Voltage	SBK Princetown 345	15.8	327.8	329.1	2996
3294 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	14.2	327.8	327.8	2192

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3296 >E	Ramapo 345kV Voltage	Gordon Rd.-N.Scot 345	16.9	327.8	327.8	3296
3300 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	16.3	327.8	328.7	3246
3300 >E	Ramapo 345kV Voltage	Volney-Marcy	17.0	327.8	327.5	3202
3301 >E	Ladentown 345kV Voltage	SBK Edic R70	16.3	327.8	328.6	3331
3315 >E	Ladentown 345kV Voltage	Gordon Rd.-N.Scot 345	16.8	327.8	327.8	3315
3317 >E	Ramapo 345kV Voltage	SBK Marcy R3108	17.6	327.8	326.5	3080
3319 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	18.2	207	223.7	2200
3320 >E	Ladentown 345kV Voltage	Volney-Marcy	16.9	327.8	327.5	3220
3322 >E	Bowline 1 345kV Voltage	SBK Princetown 345	16.0	327.8	329.2	3019
3327 >E	Bowline 2 345kV Voltage	SBK Princetown 345	15.8	327.8	329.2	3023
3329 >E	Gilboa 345kV Voltage	Marcy South N.	21.1	327.8	343.8	3701
3330 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	16.4	327.8	328.7	3275
3331 >E	Bowline 1 345kV Voltage	SBK Edic R70	16.5	327.8	328.7	3361
3332 >E	Leeds 345kV Voltage	Marcy South N.	20.0	327.8	349.6	3701
3334 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	16.3	327.8	328.7	3279
3335 >E	Bowline 2 345kV Voltage	SBK Edic R70	16.3	327.8	328.7	3365
3336 >E	Ladentown 345kV Voltage	SBK Marcy R3108	17.4	327.8	326.5	3093
3346 >E	Bowline 1 345kV Voltage	Gordon Rd.-N.Scot 345	17.0	327.8	327.8	3346
3350 >E	Bowline 2 345kV Voltage	Gordon Rd.-N.Scot 345	16.8	327.8	327.8	3350
3351 >E	Bowline 1 345kV Voltage	Volney-Marcy	17.1	327.8	327.5	3248
3355 >E	Bowline 2 345kV Voltage	Volney-Marcy	16.9	327.8	327.5	3252
3364 >E	Rock Tavern 345kV Voltage	SBK Edic R945	28.1	327.8	344.0	2376
3369 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	17.6	327.8	326.4	3116
3373 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	17.4	327.8	326.4	3119
3379 >E	Somerset 345kV Voltage	Ravenswood 3	18.9	327.8	330.2	3453
3384 >E	Somerset 345kV Voltage	SBK Marcy R3108	19.4	327.8	330.0	3127
3386 >E	Ladentown 345kV Voltage	Marcy South S.	18.2	327.8	326.1	3622
3398 >E	Somerset 345kV Voltage	SBK Princetown 345	19.2	327.8	329.3	3079
3403 >E	Rock Tavern 345kV Voltage	Marcy South S.	16.9	327.8	317.4	3628
3406 >E	Somerset 345kV Voltage	Volney-Marcy	19.8	327.8	328.9	3297
3410 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	31.1	327.8	343.6	2401
3412 >E	Ramapo 345kV Voltage	Marcy South S.	19.7	327.8	324.7	3631
3418 >E	Bowline 1 345kV Voltage	Marcy South S.	18.3	327.8	326.0	3633
3420 >E	Fraser 345kV Voltage	Marcy South N.	26.1	327.8	327.8	3709
3428 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	20.4	327.8	327.8	3370
3429 >E	Somerset 345kV Voltage	Gordon Rd.-N.Scot 345	20.4	327.8	327.8	3429
3435 >E	Somerset 345kV Voltage	SBK Edic R70	20.6	327.8	327.5	3464
3452 >E	Bowline 2 345kV Voltage	Marcy South S.	19.3	327.8	324.6	3645
3517 >E	Coopers Corners 345kV Voltage	Marcy South S.	15.6	327.8	271.5	3667
3591 >E	Gardenville 230kV Voltage	Ph2 DC 1500	25.0	207	228.4	3225
3606 >E	Rainey 345kV Voltage	Ravenswood 3	34.1	327.8	342.4	3666

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3632 >E	Buchanan North 345kV Voltage	SBK Edic R945	48.2	327.8	339.2	2532
3632 >E	Watercure 230kV Voltage	SBK Edic R945	34.1	207	232.1	2532
3642 >E	Farragut 345kV Voltage	Ravenswood 3	35.7	327.8	341.6	3699
3689 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	52.2	327.8	338.8	2562
3715 >E	Ramapo 345kV Voltage	SBK Edic R945	42.3	327.8	343.1	2580
3735 >E	Somerset 345kV Voltage	SBK Edic R945	37.5	327.8	343.8	2592
3742 >E	Pleasant Valley 345kV Voltage	Marcy South N.	43.6	327.8	344.7	3739
3784 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	46.1	327.8	342.6	2616
3831 >E	Ladentown 345kV Voltage	SBK Edic R945	44.7	327.8	343.7	2648
3832 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	43.9	207	232.0	2644
3843 >E	Rainey 345kV Voltage	Ph2 DC 1500	35.7	327.8	344.2	3228
3857 >E	Farragut 345kV Voltage	Pre-Fault	60.1	NA	338	3857
3860 >E	Rainey 345kV Voltage	Pre-Fault	58.4	NA	338	3860
3861 >E	Farragut 345kV Voltage	Ph2 DC 1500	37.1	327.8	344.0	3228
3897 >E	Bowline 1 345kV Voltage	SBK Edic R945	44.5	327.8	344.8	2686
3901 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	45.4	327.8	342.1	2684
3908 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	48.6	327.8	343.1	2688
3917 >E	Niagara 345kV Voltage	Pre-Fault	49.2	NA	338	3917
3918 >E	Bowline 2 345kV Voltage	SBK Edic R945	44.5	327.8	345.1	2698
3937 >E	Buchanan South 345kV Voltage	SBK Edic R945	57.4	327.8	340.8	2710
3951 >E	Niagara 230kV East Voltage	Marcy South N.	78.5	218.5	231.4	3759
3951 >E	Niagara 230kV West Voltage	Marcy South N.	78.5	218.5	231.4	3759
3957 >E	Niagara 345kV Voltage	Marcy South N.	40.2	327.8	352.1	3759
3958 >E	Goethals 345kV Voltage	Ravenswood 3	48.3	327.8	340.6	3996
3981 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	48.4	327.8	344.2	2730
4003 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	48.4	327.8	344.5	2742
4021 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	62.2	327.8	340.4	2753
4067 >E	Millwood 345kV Voltage	SBK Edic R945	69.5	327.8	339.7	2785
4095 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	47.3	327.8	327.8	2795
4095 >E	Leeds 345kV Voltage	SBK Edic R945	47.3	327.8	327.8	2801
4106 >E	Rainey 345kV Voltage	Marcy South S.	45.4	327.8	332.4	3868
4133 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	46.2	327.8	331.9	2478
4134 >E	Farragut 345kV Voltage	Marcy South S.	47.4	327.8	332.4	3877
4141 >E	Roseton 345kV Voltage	SBK Edic R945	55.4	327.8	342.2	2828
4161 >E	Goethals 345kV Voltage	Ph2 DC 1500	49.3	327.8	344.0	3231
4161 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	48.2	327.8	331.9	2487
4162 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	75.4	327.8	339.3	2834
4170 >E	Sprain Brook 345kV Voltage	SBK Edic R945	88.2	327.8	338.4	2845
4174 >E	Goethals 345kV Voltage	Pre-Fault	81.8	NA	338	4174
4202 >E	Dunwoodie 345kV Voltage	SBK Edic R945	91.0	327.8	338.4	2864
4237 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	59.9	327.8	341.5	2878

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
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4243 >E	Niagara 345kV Voltage	Ravenswood 3	44.0	327.8	331.4	4263
4247 >E	Niagara 230kV East Voltage	Pre-Fault	154.5	NA	225	4247
4247 >E	Niagara 230kV West Voltage	Pre-Fault	154.5	NA	225	4247
4270 >E	Watercure 230kV Voltage	Marcy South S.	51.4	207	202.5	3924
4271 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	65.8	327.8	336.5	2904
4276 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	95.8	327.8	338.1	2900
4312 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	98.9	327.8	338.1	2921
4325 >E	Niagara 345kV Voltage	SBK Princetown 345	46.1	327.8	329.7	3810
4332 >E	Niagara 345kV Voltage	SBK Marcy R3108	46.9	327.8	329.6	3790
4336 >E	Gardenville 230kV Voltage	Marcy South N.	59.9	207	230.7	3795
4351 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	69.8	327.8	335.8	2943
4364 >E	Niagara 345kV Voltage	Volney-Marcy	47.6	327.8	328.9	4158
4367 >E	Coopers Corners 345kV Voltage	Marcy South N.	51.3	327.8	309.5	3797
4406 >E	Rainey 345kV Voltage	SBK Princetown 345	56.3	327.8	328.6	3874
4419 >E	Niagara 345kV Voltage	Gordon Rd.-N.Scot 345	49.2	327.8	327.8	4419
4419 >E	Farragut 345kV Voltage	SBK Princetown 345	57.9	327.8	328.7	3884
4420 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	49.3	327.8	327.8	4326
4420 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	57.1	327.8	328.4	4326
4431 >E	Rainey 345kV Voltage	SBK Edic R70	57.5	327.8	328.2	4455
4436 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	58.8	327.8	328.4	4341
4436 >E	Niagara 345kV Voltage	SBK Edic R70	49.9	327.8	327.5	4461
4446 >E	Farragut 345kV Voltage	SBK Edic R70	59.2	327.8	328.2	4470
4456 >E	Rainey 345kV Voltage	Gordon Rd.-N.Scot 345	58.4	327.8	327.8	4456
4459 >E	Rainey 345kV Voltage	Volney-Marcy	58.4	327.8	327.7	4243
4470 >E	Farragut 345kV Voltage	Gordon Rd.-N.Scot 345	60.1	327.8	327.8	4470
4472 >E	Roseton 345kV Voltage	Marcy South N.	63.6	327.8	343.3	3807
4473 >E	Farragut 345kV Voltage	Volney-Marcy	60.0	327.8	327.8	4256
4501 >E	Rainey 345kV Voltage	SBK Marcy R3108	59.8	327.8	327.0	3908
4514 >E	Farragut 345kV Voltage	SBK Marcy R3108	61.5	327.8	327.1	3917
4527 >E	Goethals 345kV Voltage	Marcy South S.	63.2	327.8	332.4	4012
4535 >E	Millwood 345kV Voltage	Marcy South N.	86.8	327.8	339.8	3813
4560 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	64.3	327.8	331.9	2623
4587 >E	Buchanan North 345kV Voltage	Marcy South N.	87.9	327.8	336.0	3818
4671 >E	Sprain Brook 345kV Voltage	Marcy South N.	107.6	327.8	338.3	3826
4677 >E	Dunwoodie 345kV Voltage	Marcy South N.	108.8	327.8	338.4	3826
4754 >E	Buchanan South 345kV Voltage	Marcy South N.	88.5	327.8	339.1	3833
4806 >E	Niagara 230kV East Voltage	Ravenswood 3	126.5	218.5	221.4	4791
4806 >E	Niagara 230kV West Voltage	Ravenswood 3	126.5	218.5	221.4	4791
4910 >E	Niagara 345kV Voltage	SBK Edic R945	68.6	327.8	347.2	3275
4914 >E	Goethals 345kV Voltage	SBK Princetown 345	77.8	327.8	328.9	4274
4939 >E	Niagara 230kV East Voltage	SBK Edic R945	139.4	218.5	229.2	3293

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
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4939 >E	Niagara 230kV West Voltage	SBK Edic R945	139.4	218.5	229.2	3293
4972 >E	Pannell Road 345kV Voltage	Marcy South S.	145.7	327.8	362.7	4163
4974 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	80.5	327.8	328.2	4861
4985 >E	Goethals 345kV Voltage	SBK Edic R70	81.0	327.8	328.1	5007
4990 >E	Goethals 345kV Voltage	Volney-Marcy	80.9	327.8	328.0	4721
5008 >E	Goethals 345kV Voltage	Gordon Rd.-N.Scot 345	81.8	327.8	327.8	5008
5041 >E	Goethals 345kV Voltage	SBK Marcy R3108	82.8	327.8	327.4	4285
5057 >E	Rock Tavern 345kV Voltage	Marcy South N.	80.7	327.8	331.8	3862
5063 >E	Niagara 230kV East Voltage	SBK Princetown 345	142.2	218.5	219.7	4392
5063 >E	Niagara 230kV West Voltage	SBK Princetown 345	142.2	218.5	219.7	4392
5073 >E	Niagara 230kV East Voltage	SBK Marcy R3108	144.0	218.5	219.7	4307
5073 >E	Niagara 230kV West Voltage	SBK Marcy R3108	144.0	218.5	219.7	4307
5125 >E	Niagara 230kV East Voltage	Volney-Marcy	146.7	218.5	219.3	4842
5125 >E	Niagara 230kV West Voltage	Volney-Marcy	146.7	218.5	219.3	4842
5172 >E	Ramapo 345kV Voltage	Marcy South N.	93.4	327.8	336.3	3872
5251 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	154.5	218.5	218.5	5128
5251 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	154.5	218.5	218.5	5128
5251 >E	Niagara 230kV East Voltage	Gordon Rd.-N.Scot 345	154.5	218.5	218.5	5251
5251 >E	Niagara 230kV West Voltage	Gordon Rd.-N.Scot 345	154.5	218.5	218.5	5251
5287 >E	Niagara 230kV East Voltage	SBK Edic R70	157.1	218.5	218.3	5307
5287 >E	Niagara 230kV West Voltage	SBK Edic R70	157.1	218.5	218.3	5307
5300 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	82.1	327.8	345.1	3490
5349 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	167.9	218.5	228.4	3519
5349 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	167.9	218.5	228.4	3519
5399 >E	Ladentown 345kV Voltage	Marcy South N.	98.9	327.8	336.5	3893
5483 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	203.6	327.8	423.4	2938
5839 >E	Bowline 1 345kV Voltage	Marcy South N.	109.1	327.8	335.3	3934
5870 >E	Bowline 2 345kV Voltage	Marcy South N.	108.6	327.8	335.6	3937
6646 >E	Gardenville 230kV Voltage	SBK Edic R945	139.6	207	232.7	4285
6889 >E	Northport 138kV Voltage	Pre-Fault	447.0	NA	135	6889
7230 >E	Northport 138kV Voltage	Ravenswood 3	344.9	131.1	134.2	7064
7768 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	181.8	207	232.1	4913
8497 >E	Northport 138kV Voltage	N.Scot-Leeds 345	436.5	131.1	131.4	8257
8512 >E	Northport 138kV Voltage	SBK Princetown 345	437.1	131.1	131.4	7111
8531 >E	Northport 138kV Voltage	SBK Edic R70	439.2	131.1	131.3	8535
8633 >E	Northport 138kV Voltage	Gordon Rd.-N.Scot 345	447.0	131.1	131.1	8633
8684 >E	Northport 138kV Voltage	Volney-Marcy	450.8	131.1	131.0	8040
8831 >E	Northport 138kV Voltage	SBK Marcy R3108	462.0	131.1	130.7	6935
9760 >E	Rainey 345kV Voltage	SBK Edic R945	265.1	327.8	347.1	6096
9798 >E	Farragut 345kV Voltage	SBK Edic R945	271.8	327.8	346.7	6119
10322	Rainey 345kV Voltage	Edic-Gordon Rd. 345	287.0	327.8	346.5	6386

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
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>E						
10359	Farragut 345kV Voltage	Edic-Gordon Rd. 345	294.0	327.8	346.1	6407
>E						
11035	Niagara 230kV East Voltage	Marcy-N.Scot99 345	555.5	218.5	248.0	4829
>E						
11035	Niagara 230kV West Voltage	Marcy-N.Scot99 345	555.5	218.5	248.0	4829
>E						
11587	Rainey 345kV Voltage	Marcy South N.	328.1	327.8	345.0	4469
>E						
11608	Northport 138kV Voltage	Ph2 DC 1500	686.7	131.1	147.5	3310
>E						
11669	Farragut 345kV Voltage	Marcy South N.	337.8	327.8	344.7	4477
>E						
12100	Goethals 345kV Voltage	SBK Edic R945	364.5	327.8	347.5	7457
>E						
12871	Goethals 345kV Voltage	Edic-Gordon Rd. 345	395.3	327.8	347.1	7856
>E						
13845	Watercure 230kV Voltage	SBK Marcy R3108	463.0	207	278.9	10439
>E						
14599	Watercure 230kV Voltage	Ravenswood 3	476.2	207	282.1	13976
>E						
14660	Goethals 345kV Voltage	Marcy South N.	458.2	327.8	345.4	4755
>E						
33881	Gardenville 230kV Voltage	Ravenswood 3	1119.1	207	272.9	32060
>E						
48679	Northport 138kV Voltage	SBK Edic R945	3596.8	131.1	146.6	28733
>E						
54720	Northport 138kV Voltage	Edic-Gordon Rd. 345	4071.9	131.1	146.9	31985
>E						
65337	Northport 138kV Voltage	Marcy South N.	4906.3	131.1	142.3	9470
>E						
99998	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
>E						
99998	Gardenville 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
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Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

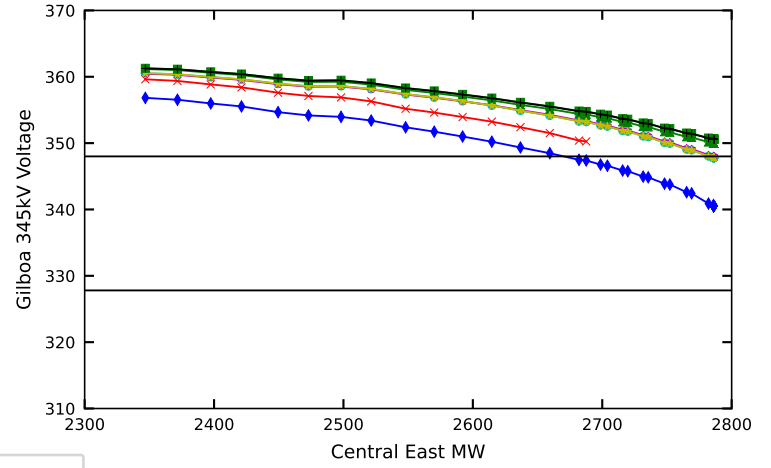
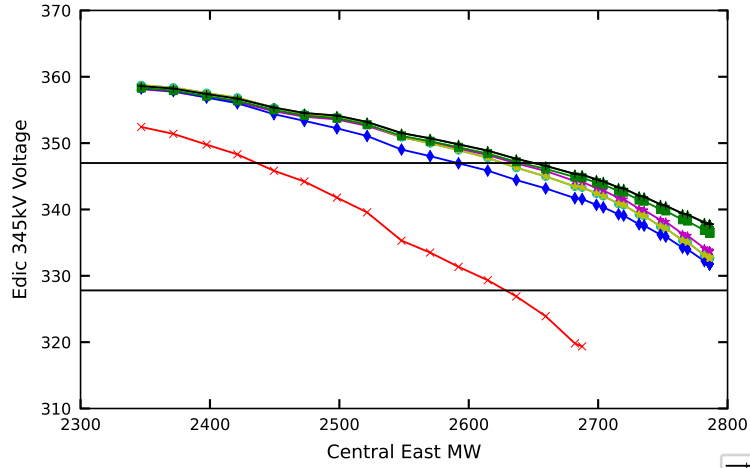
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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 2A

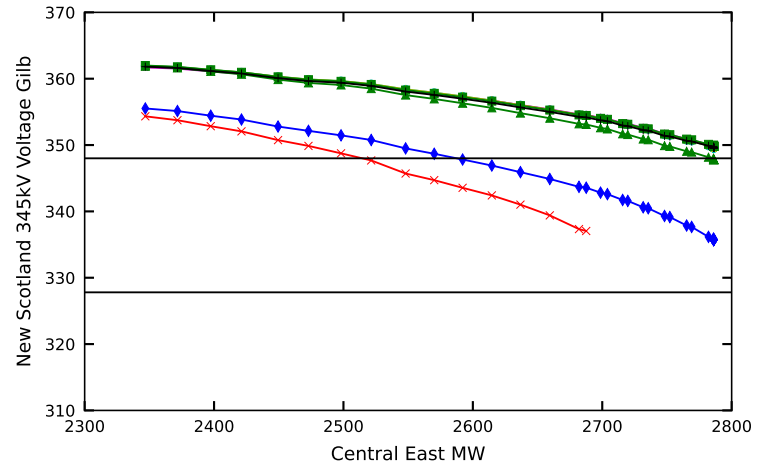
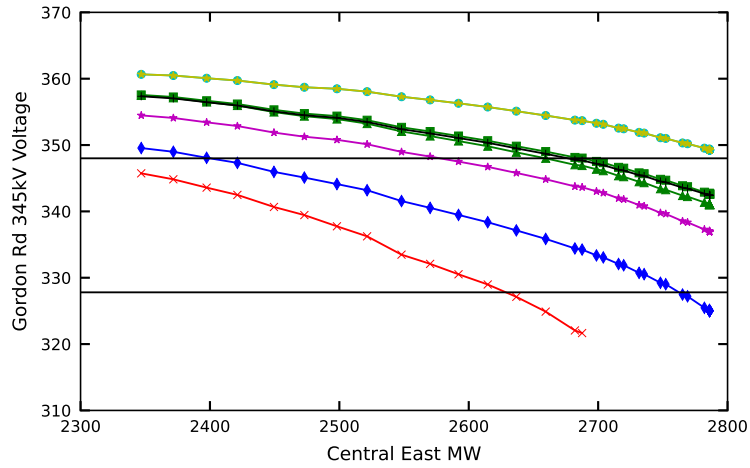
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Gardenville 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Gordon Rd.-N.Scot 345	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Niagara 230kV East Voltage	Marcy South S.	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Marcy South S.	NA	218.5	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Station 80 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Gordon Rd.-N.Scot 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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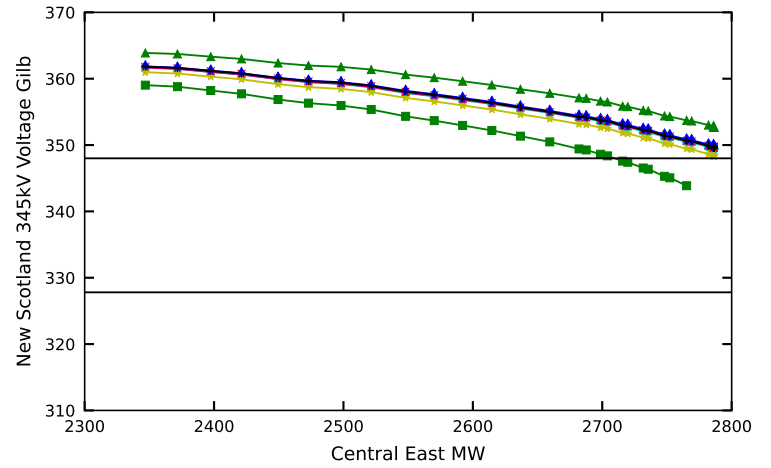
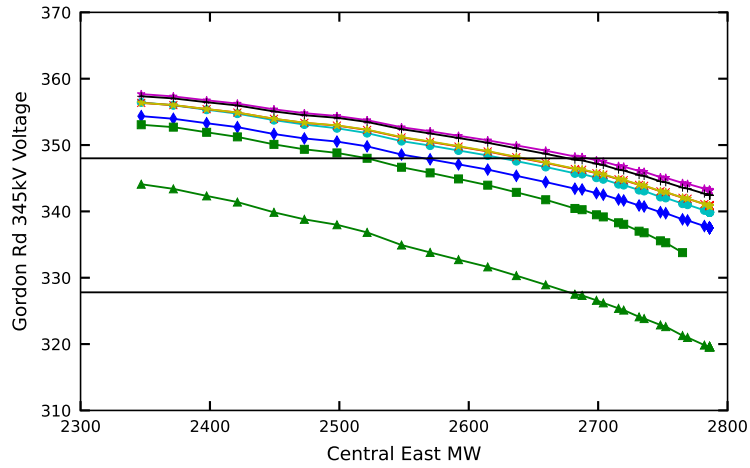
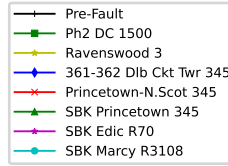
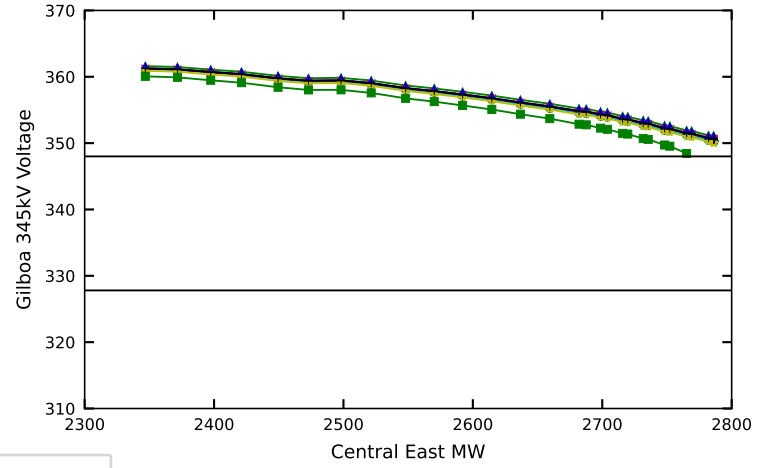
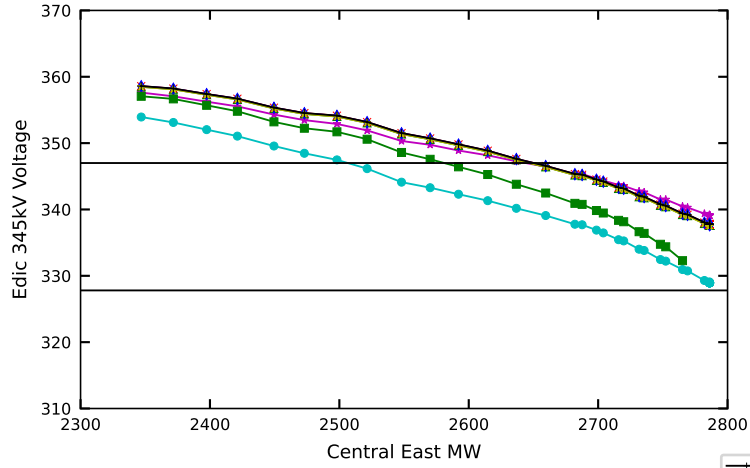
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP Figure 1



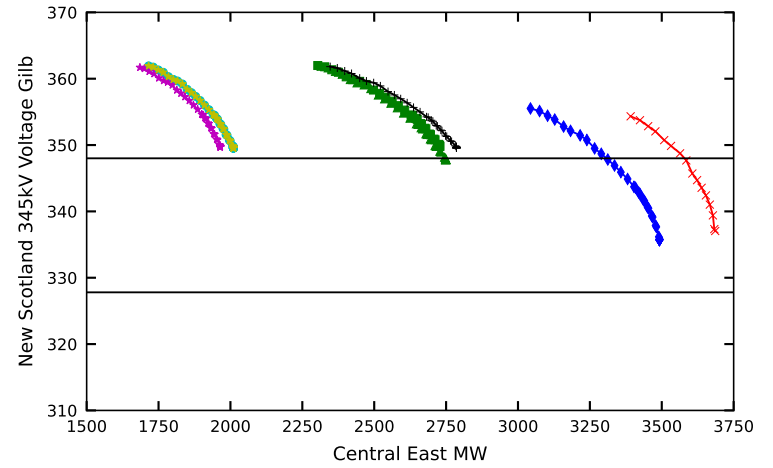
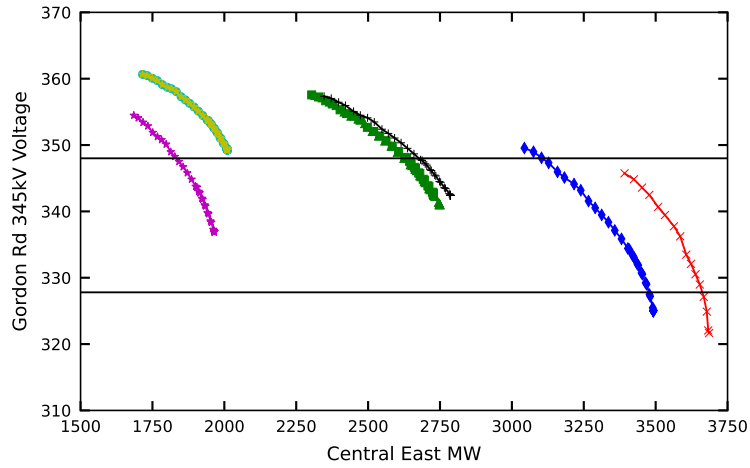
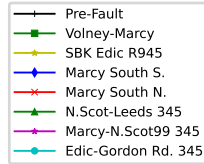
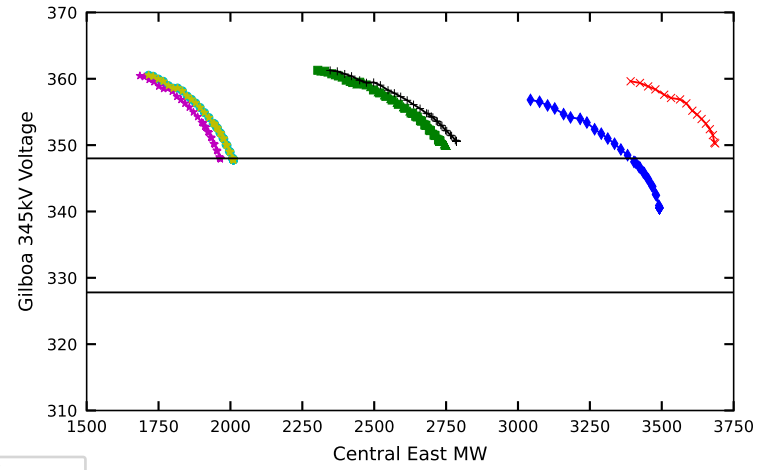
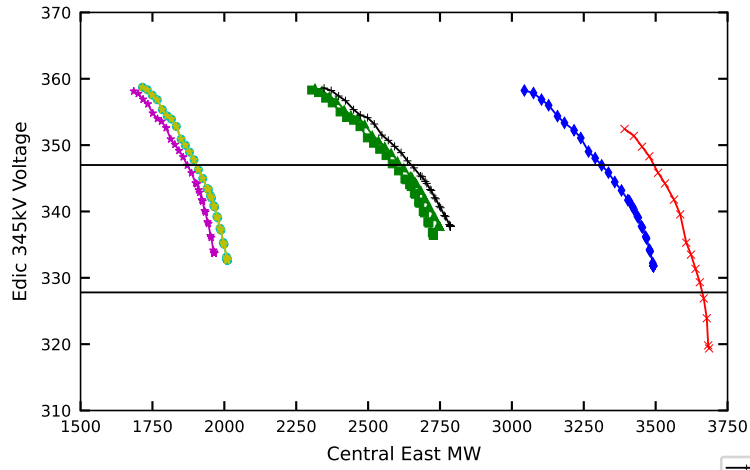
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



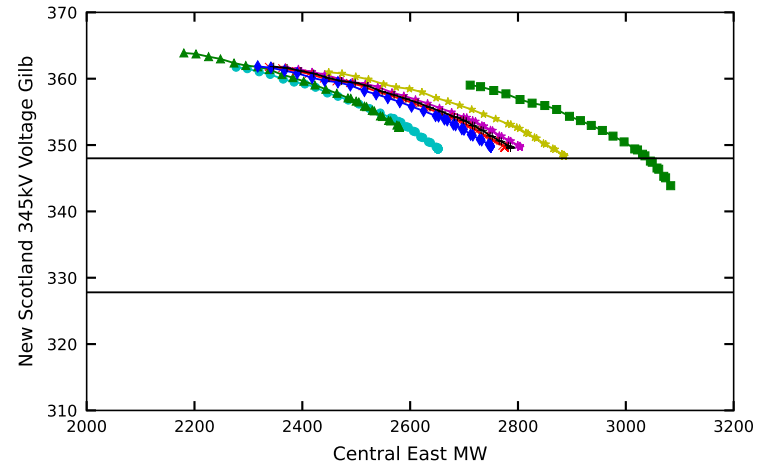
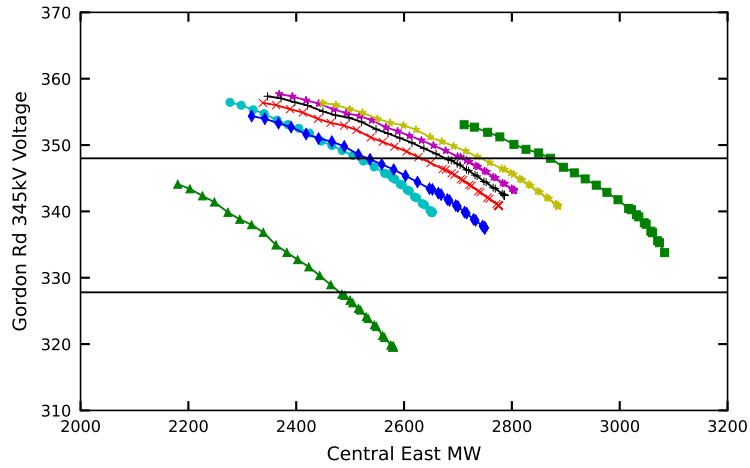
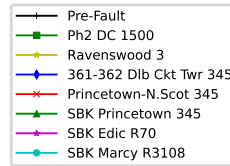
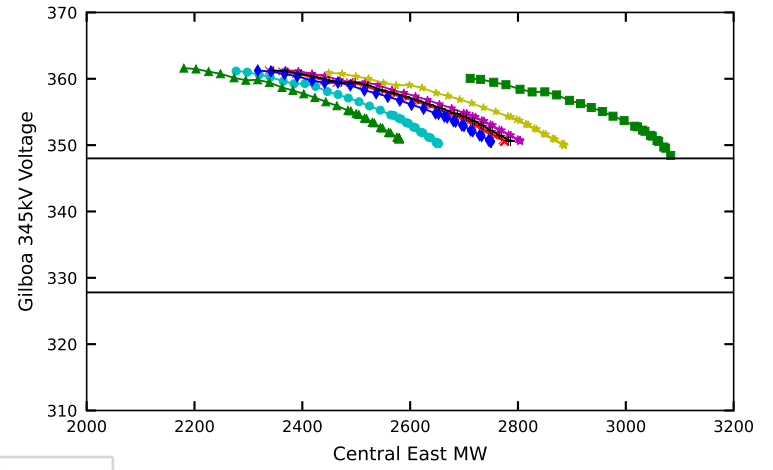
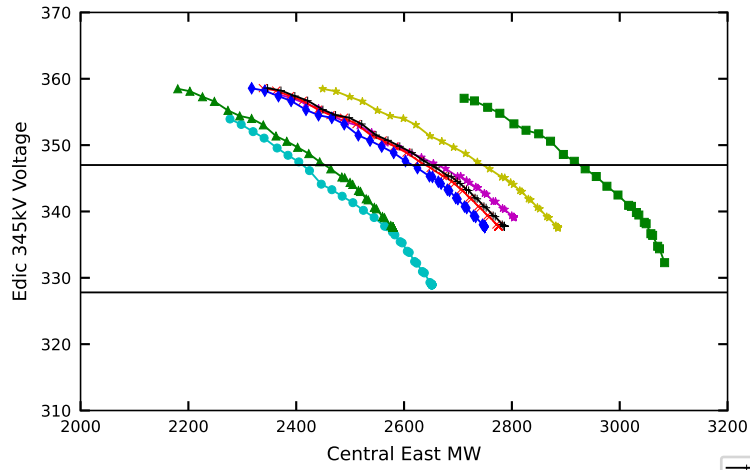
1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP Figure 2



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP Figure 1



1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\3MSSC_OP\Sum2023_CEVC_Ph2_3O_3MSSC_OP.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 3O 3MSSC_OP

Interface: Central East

2785	t2 8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
2786	t2 9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
2786	t3 0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
2786	t3 1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
2786	t3 2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
2786	t3 3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
2786	t3 4	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
2786	t3 5	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
2786	t3 6	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
2786	t3 7	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
2786	t3 8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
2786	t3 9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
2786	t4 0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\3MSSC_OP\Sum2023_CEVC_PH2_3O_3MSSC_OP.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 3O 3MSSC_OP

Interface: Central East

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Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 3O 3MSSC_OP

Interface: Central East

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Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 3O 3MSSC_OP

Interface: Central East

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Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2494 >E	Dunwoodie 345kV Voltage	Pre-Fault	59.1	NA	348	2494
2501 >E	Sprain Brook 345kV Voltage	Pre-Fault	58.7	NA	348	2501
2553	limit with 5% margin	Marcy South N.	NA	NA	NA	3501
2622	Millwood 345kV Voltage	Pre-Fault	85.4	NA	348	2622
2626	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2929
2628	Edic 345kV Voltage	Marcy South N.	9.1	327.8	348.1	3662
2628	Gordon Rd 345kV Voltage	Marcy South N.	11.9	327.8	349.8	3662
2630	Marcy 345kV Voltage	Pre-Fault	17.6	NA	348	2630
2631	Marcy 345kV Voltage	Marcy South N.	9.0	327.8	347.9	3664
2646	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1909
2646	limit with 5% margin	Marcy South S.	NA	NA	NA	3317
2646	limit with 5% margin	SBK Edic R945	NA	NA	NA	1909
2646	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1866
2646	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2611
2646	limit with 5% margin	Volney-Marcy	NA	NA	NA	2590
2646	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2518
2646	limit with 5% margin	SBK Edic R70	NA	NA	NA	2663
2646	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2450
2646	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2636
2646	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2612
2646	limit with 5% margin	Ravenswood 3	NA	NA	NA	2741
2650	Edic 345kV Voltage	Pre-Fault	21.4	NA	347	2650
2676	Gordon Rd 345kV Voltage	Pre-Fault	25.3	NA	348	2676
2677	Gordon Rd 345kV Voltage	SBK Princetown 345	15.9	327.8	348.0	2480
2678	Buchanan North 345kV Voltage	Pre-Fault	69.5	NA	346	2678
2680	Clay 345kV Voltage	Marcy South N.	7.1	327.8	350.0	3682
2714 >E	Oakdale 345kV Voltage	Marcy South N.	17.2	320	350.0	3701
2748	Rock Tavern 345kV Voltage	Pre-Fault	17.5	NA	348	2748
2762	Gordon Rd 345kV Voltage	Marcy South S.	8.4	327.8	343.7	3476
2775	Station 80 345kV Voltage	Pre-Fault	24.1	NA	346	2775
2777	Pannell Road 345kV Voltage	Pre-Fault	26.1	NA	346	2777
2786	Clay 345kV Voltage	Pre-Fault	1.0	NA	345	2786
2788 >E	Coopers Corners 345kV Voltage	Pre-Fault	9.1	NA	338	2788
2791 >E	Edic 345kV Voltage	SBK Marcy R3108	4.6	327.8	337.0	2654
2793 >E	Edic 345kV Voltage	Ph2 DC 1500	6.2	327.8	336.9	3103
2793 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.2	327.8	337.4	1969
2793 >E	Marcy 345kV Voltage	Ph2 DC 1500	6.2	327.8	336.7	3104
2804 >E	Coopers Corners 345kV Voltage	SBK Edic R945	19.0	327.8	337.9	2023
2804 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	19.0	327.8	337.9	2023
2805 >E	New Scotland 345kV Voltage Alps	Pre-Fault	12.2	NA	348	2805

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2805 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	12.2	NA	348	2805
2813 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	334.0	1982
2813 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	4.6	327.8	334.1	1982
2817 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.7	327.8	340.4	3121
2826 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	7.1	327.8	334.7	3127
2831 >E	Fraser 345kV Voltage	Pre-Fault	9.1	NA	338	2831
2832 >E	Gilboa 345kV Voltage	Pre-Fault	18.3	NA	348	2832
2834 >E	Pleasant Valley 345kV Voltage	Pre-Fault	36.5	NA	348	2834
2838 >E	Clay 345kV Voltage	SBK Marcy R3108	5.2	327.8	339.3	2680
2840 >E	Oakdale 345kV Voltage	Pre-Fault	9.1	NA	335	2840
2841 >E	Marcy 345kV Voltage	Volney-Marcy	6.1	327.8	330.1	2776
2842 >E	Edic 345kV Voltage	Marcy South S.	13.6	327.8	335.4	3526
2844 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.2	327.8	336.7	2003
2845 >E	Marcy 345kV Voltage	Marcy South S.	13.5	327.8	335.2	3528
2846 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	329.4	2803
2846 >E	Edic 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	329.5	2803
2846 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.9	320	331.8	3142
2849 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.6	327.8	338.0	2006
2849 >E	Edic 345kV Voltage	Volney-Marcy	7.3	327.8	329.1	2783
2849 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	13.9	327.8	335.0	2055
2849 >E	Marcy 345kV Voltage	SBK Edic R945	13.9	327.8	335.0	2055
2856 >E	Edic 345kV Voltage	SBK Edic R945	14.0	327.8	334.8	2060
2856 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	14.0	327.8	334.8	2060
2857 >E	Edic 345kV Voltage	Ravenswood 3	7.3	327.8	328.0	2957
2857 >E	Edic 345kV Voltage	SBK Princetown 345	7.3	327.8	328.0	2644
2858 >E	Ramapo 500kV Voltage	Ph2 DC 1500	48.8	500	507.7	3150
2858 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	7.3	327.8	327.8	2813
2858 >E	Marcy 345kV Voltage	SBK Marcy R3108	7.3	327.8	327.8	2691
2858 >E	Marcy 345kV Voltage	SBK Edic R70	7.3	327.8	327.8	2876
2858 >E	Marcy 345kV Voltage	SBK Princetown 345	7.3	327.8	327.8	2645
2858 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	7.3	327.8	327.8	2848
2858 >E	Marcy 345kV Voltage	Ravenswood 3	7.3	327.8	327.8	2958
2858 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	7.3	327.8	327.8	2814
2858 >E	Edic 345kV Voltage	Princetown-N.Scot 345	7.3	327.8	327.8	2848
2861 >E	Fraser 345kV Voltage	Ph2 DC 1500	6.1	327.8	334.8	3153
2867 >E	New Scotland 345kV Voltage Alps	Marcy South N.	19.5	327.8	351.6	3787
2867 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	19.5	327.8	351.6	3787
2868 >E	Edic 345kV Voltage	SBK Edic R70	7.3	327.8	326.5	2886
2868 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	9.1	327.8	329.2	2655

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2870 >E	Clay 345kV Voltage	Ph2 DC 1500	8.3	327.8	339.6	3159
2872 >E	Clay 345kV Voltage	Volney-Marcy	6.1	327.8	335.5	2804
2873 >E	Coopers Corners 345kV Voltage	Ravenswood 3	12.2	327.8	328.7	2973
2874 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	335.1	2829
2875 >E	Ramapo 345kV Voltage	Pre-Fault	36.5	NA	346	2875
2876 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	18.3	500	507.5	2024
2878 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	6.1	320	330.8	2026
2879 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	328.0	2833
2879 >E	Ramapo 500kV Voltage	Ravenswood 3	36.5	500	507.5	2979
2889 >E	Clay 345kV Voltage	SBK Princetown 345	6.1	327.8	333.7	2673
2889 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	7.3	327.8	337.2	2709
2894 >E	Pannell Road 345kV Voltage	Marcy South N.	27.9	327.8	347.7	3803
2896 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	9.1	327.8	333.3	2713
2897 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	12.2	327.8	333.3	2038
2898 >E	Oakdale 345kV Voltage	SBK Marcy R3108	7.3	320	328.6	2714
2905 >E	Coopers Corners 345kV Voltage	SBK Edic R70	12.2	327.8	325.2	2923
2906 >E	Clay 345kV Voltage	Ravenswood 3	7.3	327.8	331.7	3007
2907 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	12.2	327.8	324.9	2858
2910 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	7.3	327.8	331.3	2862
2911 >E	Clay 345kV Voltage	Princetown-N.Scot 345	7.3	327.8	331.2	2901
2912 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	12.2	327.8	324.4	2902
2915 >E	New Scotland 345kV Voltage Alps	Marcy South S.	16.0	327.8	346.3	3572
2915 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	16.0	327.8	346.3	3572
2922 >E	Station 80 345kV Voltage	SBK Marcy R3108	9.1	327.8	338.1	2728
2925 >E	Fraser 345kV Voltage	SBK Marcy R3108	9.1	327.8	327.8	2729
2925 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	327.8	2874
2926 >E	Gordon Rd 345kV Voltage	SBK Edic R70	9.1	327.8	330.9	2944
2930 >E	Ladentown 345kV Voltage	Pre-Fault	36.5	NA	346	2930
2931 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	9.1	327.8	333.7	2061
2935 >E	Pannell Road 345kV Voltage	Volney-Marcy	9.1	327.8	333.4	2860
2940 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	10.9	327.8	341.9	3211
2940 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	10.9	327.8	341.9	3211
2941 >E	Dunwoodie 345kV Voltage	Ravenswood 3	18.2	327.8	343.1	3042
2942 >E	Clay 345kV Voltage	N.Scot-Leeds 345	9.1	327.8	327.8	2889
2944 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	12.2	327.8	320.9	2740
2944 >E	Gordon Rd 345kV Voltage	Ravenswood 3	12.2	327.8	329.4	3045
2944 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	12.2	327.8	329.4	2935

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2946 >E	Clay 345kV Voltage	SBK Edic R70	9.1	327.8	327.4	2964
2947 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	12.2	327.8	329.2	2893
2951 >E	Fraser 345kV Voltage	SBK Edic R945	15.6	327.8	337.0	2126
2951 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	15.6	327.8	337.0	2126
2951 >E	Oakdale 345kV Voltage	Volney-Marcy	9.1	320	322.7	2874
2960 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	13.5	327.8	338.9	3225
2963 >E	Oakdale 345kV Voltage	Ravenswood 3	9.1	320	321.4	3065
2968 >E	Rock Tavern 345kV Voltage	Ravenswood 3	12.2	327.8	336.9	3069
2970 >E	Oakdale 345kV Voltage	SBK Princetown 345	9.1	320	320.7	2747
2971 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	12.2	327.8	322.7	2915
2971 >E	Fraser 345kV Voltage	Volney-Marcy	12.2	327.8	322.7	2891
2971 >E	Fraser 345kV Voltage	SBK Edic R70	12.2	327.8	322.7	2990
2971 >E	Fraser 345kV Voltage	SBK Princetown 345	12.2	327.8	322.7	2748
2971 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	12.2	327.8	322.7	2962
2971 >E	Fraser 345kV Voltage	Ravenswood 3	12.2	327.8	322.7	3072
2971 >E	St.Lawrence 230kV Voltage	Pre-Fault	36.5	NA	225	2971
2975 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	320	320.1	2920
2976 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	9.1	320	320.0	2968
2978 >E	Oakdale 345kV Voltage	SBK Edic R70	9.1	320	319.8	2997
2983 >E	Station 80 345kV Voltage	Ph2 DC 1500	15.1	327.8	338.2	3242
2984 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	12.2	327.8	334.7	2096
2986 >E	Coopers Corners 345kV Voltage	Volney-Marcy	18.3	327.8	316.3	2905
2988 >E	Station 80 345kV Voltage	Volney-Marcy	12.2	327.8	334.5	2907
2994 >E	Pannell Road 345kV Voltage	Ravenswood 3	12.2	327.8	328.6	3096
3001 >E	Station 80 345kV Voltage	SBK Princetown 345	12.2	327.8	333.8	2775
3002 >E	Ramapo 500kV Voltage	SBK Edic R945	43.3	500	504.2	2162
3002 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	43.3	500	504.2	2162
3002 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	12.2	327.8	333.7	2944
3002 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	12.2	327.8	333.7	2994
3003 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	12.2	327.8	327.8	2945
3005 >E	Pannell Road 345kV Voltage	SBK Edic R70	12.2	327.8	327.7	3024
3009 >E	Gilboa 345kV Voltage	Ph2 DC 1500	11.8	327.8	339.2	3261
3015 >E	Station 80 345kV Voltage	Marcy South N.	33.6	327.8	346.9	3871
3017 >E	Roseton 345kV Voltage	Pre-Fault	36.5	NA	345	3017
3019 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	14.2	327.8	338.8	3268
3020 >E	Gilboa 345kV Voltage	Marcy South S.	18.2	327.8	345.5	3636
3025 >E	Bowline 1 345kV Voltage	Pre-Fault	36.5	NA	345	3025
3027 >E	Oakdale 345kV Voltage	SBK Edic R945	16.3	320	332.2	2179

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3027 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	16.3	320	332.2	2179
3029 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	12.2	327.8	329.6	2968
3029 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	12.2	327.8	329.6	2968
3031 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	12.2	327.8	337.1	2128
3035 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	12.2	327.8	329.1	3138
3035 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	12.2	327.8	329.1	3138
3039 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	12.2	320	313.1	2977
3045 >E	Clay 345kV Voltage	SBK Edic R945	19.6	327.8	338.0	2193
3045 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	19.6	327.8	338.0	2193
3049 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	12.2	327.8	328.0	2798
3049 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	12.2	327.8	328.0	2798
3051 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	12.2	327.8	327.8	3043
3051 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	12.2	327.8	327.8	3043
3052 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	12.2	327.8	327.7	2142
3052 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	12.2	327.8	327.7	2142
3053 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	12.2	327.8	327.6	2990
3053 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	12.2	327.8	327.6	2990
3053 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	12.2	327.8	327.6	2965
3053 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	12.2	327.8	327.6	2965
3054 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	36.5	500	507.5	2990
3055 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	12.2	327.8	335.8	2991
3056 >E	Gordon Rd 345kV Voltage	Volney-Marcy	18.2	327.8	320.2	2967
3058 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	36.5	500	507.5	2995
3058 >E	Ramapo 500kV Voltage	SBK Edic R70	36.5	500	507.5	3078
3062 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	24.3	218.5	222.5	2148
3062 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	18.3	327.8	331.7	2148
3062 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	29.2	218.5	224.3	3300
3066 >E	Clay 345kV Voltage	Marcy South S.	20.2	327.8	337.4	3665
3068 >E	Gilboa 345kV Voltage	SBK Princetown 345	12.2	327.8	335.1	2836
3073 >E	Ramapo 345kV Voltage	Ravenswood 3	18.3	327.8	340.6	3176
3089 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	12.2	327.8	324.7	2855
3089 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	12.2	327.8	324.7	2855
3092 >E	Ladentown 345kV Voltage	Ravenswood 3	18.2	327.8	341.6	3195
3094 >E	Station 80 345kV Voltage	Ravenswood 3	18.3	327.8	328.7	3197
3099 >E	Sprain Brook 345kV Voltage	Ravenswood 3	36.5	327.8	334.6	3202
3101 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	18.3	327.8	337.0	2175
3110 >E	Pannell Road 345kV Voltage	SBK Princetown 345	18.3	327.8	319.0	2874
3110 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	18.2	327.8	327.8	3041

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3111 >E	Ramapo 500kV Voltage	Marcy South S.	45.9	500	502.6	3692
3111 >E	Station 80 345kV Voltage	SBK Edic R70	18.3	327.8	327.7	3131
3112 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	18.3	327.8	318.9	3042
3112 >E	Pannell Road 345kV Voltage	Princeton-N.Scot 345	18.2	327.8	318.9	3105
3119 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	18.3	327.8	340.2	3222
3121 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	24.4	327.8	337.3	3343
3121 >E	Bowline 1 345kV Voltage	Ravenswood 3	18.3	327.8	342.4	3225
3121 >E	Millwood 345kV Voltage	SBK Marcy R3108	18.3	327.8	336.4	2839
3123 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	18.3	327.8	339.2	2189
3125 >E	Rock Tavern 345kV Voltage	SBK Princeton 345	18.3	327.8	328.3	2888
3129 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	14.6	207	218.4	2193
3129 >E	Rock Tavern 345kV Voltage	SBK Edic R70	18.3	327.8	328.1	3149
3129 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	18.3	327.8	328.0	3058
3132 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	18.2	327.8	327.9	3062
3133 >E	Leeds 345kV Voltage	Pre-Fault	36.5	NA	345	3133
3151 >E	Ramapo 500kV Voltage	Marcy South N.	65.7	500	503.9	3948
3158 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	36.5	218.5	219.9	2860
3165 >E	Buchanan North 345kV Voltage	Ravenswood 3	36.5	327.8	333.8	3269
3181 >E	Ramapo 345kV Voltage	Ph2 DC 1500	22.1	327.8	339.7	3386
3185 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	18.3	327.8	316.8	3205
3185 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	18.3	327.8	316.8	3205
3187 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	18.3	327.8	339.0	3110
3188 >E	Ladentown 345kV Voltage	SBK Princeton 345	18.3	327.8	338.9	2945
3191 >E	Gilboa 345kV Voltage	Ravenswood 3	18.2	327.8	328.4	3295
3192 >E	St.Lawrence 230kV Voltage	Volney-Marcy	36.5	218.5	219.0	3088
3193 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	18.2	327.8	352.0	2236
3195 >E	Gilboa 345kV Voltage	SBK Marcy R3108	18.3	327.8	328.1	2880
3201 >E	St.Lawrence 230kV Voltage	Marcy South N.	53.3	218.5	229.5	3976
3201 >E	Gilboa 345kV Voltage	Princeton-N.Scot 345	18.2	327.8	327.8	3195
3201 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	18.3	327.8	327.8	3124
3202 >E	Fraser 345kV Voltage	Marcy South S.	27.2	327.8	327.8	3748
3203 >E	Gilboa 345kV Voltage	SBK Edic R70	18.3	327.8	327.7	3223
3206 >E	Millwood 345kV Voltage	Ravenswood 3	36.5	327.8	334.1	3311
3209 >E	St.Lawrence 230kV Voltage	SBK Edic R70	36.5	218.5	218.5	3230
3209 >E	Millwood 345kV Voltage	Ph2 DC 1500	26.2	327.8	337.1	3407
3209 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	36.5	218.5	218.5	3130
3210 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	24.8	327.8	338.3	3407
3211 >E	Watercure 230kV Voltage	Pre-Fault	24.3	NA	215	3211
3212 >E	St.Lawrence 230kV Voltage	SBK Princeton 345	36.5	218.5	218.4	2967

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3217 >E	Somerset 345kV Voltage	SBK Marcy R3108	18.2	327.8	340.7	2893
3217 >E	Bowline 1 345kV Voltage	SBK Edic R70	18.3	327.8	339.7	3238
3222 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	30.8	327.8	335.7	3416
3223 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	18.3	327.8	340.5	2256
3225 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	31.1	327.8	335.6	3418
3225 >E	Ladentown 345kV Voltage	Ph2 DC 1500	22.6	327.8	340.3	3419
3238 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	23.2	327.8	338.7	3428
3248 >E	Watercure 230kV Voltage	Marcy South N.	40.0	207	229.6	4003
3248 >E	Pannell Road 345kV Voltage	SBK Edic R945	29.5	327.8	335.4	2335
3248 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	29.5	327.8	335.4	2335
3259 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	22.5	327.8	341.2	3443
3266 >E	Buchanan South 345kV Voltage	Ravenswood 3	36.5	327.8	347.0	3371
3269 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	22.5	327.8	341.4	3451
3271 >E	Oakdale 345kV Voltage	Marcy South S.	23.0	320	323.3	3791
3273 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	18.3	327.8	341.2	2290
3273 >E	Leeds 345kV Voltage	Volney-Marcy	18.3	327.8	341.2	3160
3273 >E	Leeds 345kV Voltage	SBK Marcy R3108	18.3	327.8	341.2	2924
3273 >E	Leeds 345kV Voltage	SBK Edic R70	18.3	327.8	341.2	3294
3273 >E	Leeds 345kV Voltage	SBK Princetown 345	18.3	327.8	341.2	3023
3273 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	18.3	327.8	341.2	3268
3283 >E	Pannell Road 345kV Voltage	Marcy South S.	30.7	327.8	334.7	3798
3293 >E	Leeds 345kV Voltage	Ph2 DC 1500	20.1	327.8	340.2	3468
3296 >E	Roseton 345kV Voltage	Ph2 DC 1500	23.4	327.8	340.0	3470
3315 >E	Somerset 345kV Voltage	Pre-Fault	36.5	NA	338	3315
3323 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	36.5	327.8	329.4	2323
3326 >E	Station 80 345kV Voltage	SBK Edic R945	33.6	327.8	334.4	2390
3326 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	33.6	327.8	334.4	2390
3332 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	36.5	327.8	343.1	2329
3333 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	36.5	327.8	328.2	2330
3335 >E	Leeds 345kV Voltage	Marcy South S.	27.3	327.8	348.0	3830
3341 >E	Goethals 345kV Voltage	Pre-Fault	36.5	NA	338	3341
3341 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	36.5	327.8	343.1	3249
3343 >E	Dunwoodie 345kV Voltage	SBK Edic R70	36.5	327.8	343.1	3364
3344 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	36.5	327.8	327.9	3252
3345 >E	Sprain Brook 345kV Voltage	SBK Edic R70	36.5	327.8	327.9	3367
3348 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	36.5	327.8	327.8	3344
3348 >E	Farragut 345kV Voltage	Pre-Fault	36.5	NA	338	3348
3349 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	36.5	327.8	327.8	3257
3352 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	36.5	327.8	343.1	3095
3355 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	36.5	327.8	327.6	3097

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3358 >E	Watercure 230kV Voltage	SBK Marcy R3108	24.3	207	209.0	2971
3364 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	36.5	327.8	343.1	2975
3367 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	36.5	327.8	327.3	2977
3367 >E	Station 80 345kV Voltage	Marcy South S.	35.0	327.8	333.5	3850
3378 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	36.5	327.8	328.0	3283
3380 >E	Buchanan North 345kV Voltage	SBK Edic R70	36.5	327.8	327.9	3401
3381 >E	Watercure 230kV Voltage	Ravenswood 3	24.3	207	208.0	3488
3381 >E	Buchanan North 345kV Voltage	SBK Princetown 345	36.5	327.8	327.9	3121
3383 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	36.5	327.8	327.8	3288
3383 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	36.5	327.8	327.8	3380
3386 >E	Somerset 345kV Voltage	Ph2 DC 1500	28.1	327.8	340.6	3536
3391 >E	Buchanan North 345kV Voltage	Volney-Marcy	36.5	327.8	327.6	3265
3405 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	24.3	207	207.0	3307
3411 >E	Gilboa 345kV Voltage	SBK Edic R945	31.1	327.8	337.0	2450
3411 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	31.1	327.8	337.0	2450
3432 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	36.5	327.8	327.9	3331
3437 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	36.5	327.8	327.8	3434
3437 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	36.5	327.8	327.8	3337
3444 >E	Millwood 345kV Voltage	SBK Princetown 345	36.5	327.8	327.6	3179
3445 >E	Millwood 345kV Voltage	Volney-Marcy	36.5	327.8	327.6	3313
3448 >E	Niagara 230kV East Voltage	Pre-Fault	73.0	NA	225	3448
3448 >E	Niagara 230kV West Voltage	Pre-Fault	73.0	NA	225	3448
3450 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	36.5	327.8	347.0	2408
3450 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	44.6	327.8	340.8	2478
3451 >E	Rock Tavern 345kV Voltage	SBK Edic R945	44.7	327.8	340.8	2478
3451 >E	Gordon Rd 345kV Voltage	SBK Edic R945	30.8	327.8	318.3	2478
3451 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	30.8	327.8	318.3	2478
3474 >E	Bowline 2 345kV Voltage	Ravenswood 3	36.5	327.8	352.0	3581
3481 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	36.5	327.8	308.8	3478
3482 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	36.5	327.8	347.0	3376
3487 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	36.5	327.8	347.0	3485
3487 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	36.5	327.8	347.0	3382
3490 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	32.1	327.8	330.7	2506
3490 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	32.1	327.8	330.7	2506
3490 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	32.1	327.8	330.7	2506
3490 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	32.1	327.8	330.7	2506
3491 >E	Buchanan South 345kV Voltage	SBK Princetown 345	36.5	327.8	347.0	3221
3494 >E	Rock Tavern 345kV Voltage	Volney-Marcy	36.5	327.8	308.1	3356

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3496 >E	Buchanan South 345kV Voltage	Volney-Marcy	36.5	327.8	347.0	3358
3513 >E	Niagara 345kV Voltage	Pre-Fault	36.5	NA	338	3513
3524 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	36.5	327.8	306.4	3064
3526 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	36.5	327.8	329.7	2458
3532 >E	Roseton 345kV Voltage	Ravenswood 3	36.5	327.8	330.9	3641
3533 >E	Ramapo 345kV Voltage	SBK Princetown 345	36.5	327.8	328.0	3260
3534 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	36.5	327.8	328.0	3423
3535 >E	Ramapo 345kV Voltage	SBK Edic R70	36.5	327.8	327.9	3558
3538 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	36.5	327.8	327.8	3428
3539 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	36.5	327.8	327.8	3537
3545 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	68.7	218.5	222.7	2544
3545 >E	St.Lawrence 230kV Voltage	SBK Edic R945	68.8	218.5	222.7	2544
3547 >E	St.Lawrence 230kV Voltage	Marcy South S.	67.9	218.5	222.7	3961
3547 >E	Ramapo 345kV Voltage	Volney-Marcy	36.5	327.8	327.6	3403
3563 >E	Ramapo 345kV Voltage	SBK Marcy R3108	36.5	327.8	327.2	3086
3563 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	36.5	327.8	328.0	3450
3570 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	36.5	327.8	327.8	3593
3572 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	36.5	327.8	327.8	3571
3574 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	36.5	327.8	327.7	3460
3580 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	36.5	327.8	327.6	3433
3584 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	36.5	327.8	329.7	2497
3587 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	36.5	327.8	327.4	3100
3588 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	36.5	327.8	327.4	2500
3590 >E	Ladentown 345kV Voltage	SBK Edic R70	36.5	327.8	327.9	3613
3592 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	36.5	327.8	327.2	3313
3593 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	36.5	327.8	327.8	3477
3594 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	36.5	327.8	327.8	3592
3602 >E	Ladentown 345kV Voltage	Volney-Marcy	36.5	327.8	327.6	3452
3606 >E	St.Lawrence 230kV Voltage	Ravenswood 3	73.0	218.5	207.6	3715
3608 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	36.5	327.8	328.8	2513
3617 >E	Ladentown 345kV Voltage	SBK Marcy R3108	36.5	327.8	327.2	3116
3617 >E	Gilboa 345kV Voltage	Volney-Marcy	36.5	327.8	305.0	3466
3632 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	73.0	218.5	206.9	3631
3633 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	73.0	218.5	206.9	3514
3641 >E	Roseton 345kV Voltage	SBK Edic R70	36.5	327.8	327.9	3665
3645 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	36.5	327.8	327.8	3644
3645 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr	36.5	327.8	327.8	3524

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3648 >E	Roseton 345kV Voltage	SBK Princetown 345	36.5	327.8	327.7	3364
3649 >E	Bowline 1 345kV Voltage	SBK Princetown 345	36.5	327.8	327.9	3365
3652 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	36.5	327.8	327.8	3531
3652 >E	Gilboa 345kV Voltage	Marcy South N.	43.0	327.8	343.7	4232
3652 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	36.5	327.8	327.8	3652
3653 >E	Roseton 345kV Voltage	Volney-Marcy	36.5	327.8	327.6	3497
3658 >E	Somerset 345kV Voltage	Ravenswood 3	36.5	327.8	328.6	3768
3660 >E	Bowline 1 345kV Voltage	Volney-Marcy	36.5	327.8	327.6	3504
3664 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	36.5	327.8	352.0	3540
3665 >E	Roseton 345kV Voltage	SBK Marcy R3108	36.5	327.8	327.2	3144
3665 >E	Bowline 2 345kV Voltage	SBK Edic R70	36.5	327.8	352.0	3689
3666 >E	Bowline 2 345kV Voltage	SBK Princetown 345	36.5	327.8	352.0	3381
3669 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	36.5	327.8	352.0	3546
3669 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	36.5	327.8	352.0	3669
3671 >E	Somerset 345kV Voltage	Volney-Marcy	36.5	327.8	328.2	3514
3676 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	36.5	327.8	327.2	3149
3677 >E	Bowline 2 345kV Voltage	Volney-Marcy	36.5	327.8	352.0	3519
3679 >E	Watercure 230kV Voltage	Volney-Marcy	36.5	207	195.8	3520
3679 >E	Watercure 230kV Voltage	SBK Edic R945	38.1	207	216.9	2638
3679 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	38.1	207	216.9	2638
3687 >E	Somerset 345kV Voltage	SBK Princetown 345	36.5	327.8	327.8	3399
3687 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	36.5	327.8	327.8	3563
3687 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	36.5	327.8	327.8	3687
3687 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	36.5	327.8	327.8	3562
3693 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	36.5	327.8	352.0	3159
3708 >E	Watercure 230kV Voltage	SBK Princetown 345	36.5	207	194.6	3419
3710 >E	Northport 138kV Voltage	SBK Edic R70	73.0	131.1	143.8	3734
3711 >E	Northport 138kV Voltage	SBK Princetown 345	73.0	131.1	143.8	3422
3713 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	36.5	327.8	327.8	3714
3714 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	36.5	207	194.3	3587
3715 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	36.5	207	194.3	3715
3716 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	36.5	327.8	327.9	2586
3717 >E	Watercure 230kV Voltage	SBK Edic R70	36.5	207	194.2	3741
3720 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	36.5	327.8	327.8	3591
3721 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	36.5	327.8	327.8	3721
3721 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr	36.5	327.8	327.8	3593

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3736 >E	Watercure 230kV Voltage	Ph2 DC 1500	45.0	207	240.3	3791
3761 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	36.5	327.8	327.8	3628
3761 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	36.5	327.8	327.8	3629
3761 >E	Leeds 345kV Voltage	Ravenswood 3	36.5	327.8	327.8	3872
3855 >E	Leeds 345kV Voltage	Marcy South N.	47.9	327.8	349.1	4347
3873 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	36.5	327.8	328.1	2690
3874 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	74.6	327.8	337.2	2776
3875 >E	Buchanan North 345kV Voltage	SBK Edic R945	74.6	327.8	337.2	2776
3885 >E	Niagara 345kV Voltage	Princeton-N.Scot 345	36.5	327.8	327.8	3887
3885 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	36.5	327.8	327.8	3740
3913 >E	Pleasant Valley 345kV Voltage	Marcy South S.	66.1	327.8	342.8	4187
3913 >E	Niagara 230kV East Voltage	SBK Marcy R3108	73.0	218.5	218.6	3282
3913 >E	Niagara 230kV West Voltage	SBK Marcy R3108	73.0	218.5	218.6	3282
3918 >E	Niagara 230kV East Voltage	Volney-Marcy	73.0	218.5	218.6	3733
3918 >E	Niagara 230kV West Voltage	Volney-Marcy	73.0	218.5	218.6	3733
3930 >E	Somerset 345kV Voltage	Marcy South N.	60.8	327.8	349.4	4389
4001 >E	Ramapo 345kV Voltage	SBK Edic R945	66.2	327.8	340.2	2865
4001 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	66.2	327.8	340.2	2865
4021 >E	Fraser 345kV Voltage	Marcy South N.	57.7	327.8	327.8	4440
4190 >E	Ladentown 345kV Voltage	SBK Edic R945	69.8	327.8	340.7	2998
4191 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	69.8	327.8	340.7	2999
4203 >E	Watercure 230kV Voltage	Marcy South S.	53.2	207	207.8	4365
4217 >E	Somerset 345kV Voltage	SBK Edic R945	59.9	327.8	334.5	3017
4217 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	59.9	327.8	334.5	3017
4295 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	69.5	327.8	341.6	3072
4295 >E	Bowline 1 345kV Voltage	SBK Edic R945	69.5	327.8	341.6	3072
4317 >E	Somerset 345kV Voltage	Marcy South S.	63.1	327.8	333.3	4436
4327 >E	Bowline 2 345kV Voltage	SBK Edic R945	69.5	327.8	341.9	3095
4327 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	69.5	327.8	341.9	3095
4424 >E	Buchanan South 345kV Voltage	SBK Edic R945	90.9	327.8	338.9	3163
4426 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	90.9	327.8	338.9	3164
4448 >E	Pleasant Valley 345kV Voltage	Marcy South N.	85.2	327.8	344.5	4682
4653 >E	Niagara 345kV Voltage	Ph2 DC 1500	66.2	327.8	343.5	4460
4717 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	112.9	327.8	338.3	3369
4717 >E	Millwood 345kV Voltage	SBK Edic R945	112.9	327.8	338.3	3369
4781 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	89.1	327.8	339.8	3414
4781 >E	Roseton 345kV Voltage	SBK Edic R945	89.1	327.8	339.8	3414
4850 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	73.0	207	235.7	3343
4857 >E	Gardenville 230kV Voltage	SBK Marcy R3108	73.0	207	235.7	3811

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4869 >E	Gardenville 230kV Voltage	Ravenswood 3	73.0	207	235.7	4993
4878 >E	Gardenville 230kV Voltage	SBK Princetown 345	73.0	207	235.7	4484
4883 >E	Gardenville 230kV Voltage	SBK Edic R70	73.0	207	235.7	4915
4883 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	73.0	207	235.7	4642
4883 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	73.0	207	235.7	4641
4928 >E	Sprain Brook 345kV Voltage	SBK Edic R945	144.3	327.8	337.5	3517
4930 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	144.5	327.8	337.4	3519
5002 >E	Dunwoodie 345kV Voltage	SBK Edic R945	149.7	327.8	337.5	3569
5002 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	149.7	327.8	337.5	3569
5015 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	83.2	327.8	327.8	3579
5015 >E	Leeds 345kV Voltage	SBK Edic R945	83.2	327.8	327.8	3578
5151 >E	Coopers Corners 345kV Voltage	Marcy South N.	88.5	327.8	309.2	5080
5229 >E	Rainey 345kV Voltage	Ph2 DC 1500	95.3	327.8	340.7	4880
5260 >E	Buchanan North 345kV Voltage	Marcy South N.	132.1	327.8	334.6	5142
5266 >E	Farragut 345kV Voltage	Ph2 DC 1500	98.6	327.8	340.5	4907
5266 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	113.8	327.8	334.9	3756
5266 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	113.8	327.8	334.9	3755
5284 >E	Buchanan North 345kV Voltage	Marcy South S.	126.8	327.8	328.0	5032
5373 >E	Roseton 345kV Voltage	Marcy South S.	107.9	327.8	336.3	5087
5499 >E	Millwood 345kV Voltage	Marcy South S.	149.2	327.8	335.3	5165
5583 >E	Millwood 345kV Voltage	Marcy South N.	148.5	327.8	338.8	5324
5719 >E	Niagara 230kV East Voltage	Ph2 DC 1500	198.7	218.5	228.3	5237
5719 >E	Niagara 230kV West Voltage	Ph2 DC 1500	198.7	218.5	228.3	5237
5726 >E	Buchanan South 345kV Voltage	Marcy South N.	141.5	327.8	337.9	5405
5755 >E	Buchanan South 345kV Voltage	Marcy South S.	143.2	327.8	332.2	5322
5830 >E	Roseton 345kV Voltage	Marcy South N.	123.2	327.8	341.4	5464
5844 >E	Sprain Brook 345kV Voltage	Marcy South N.	185.4	327.8	337.4	5472
5864 >E	Sprain Brook 345kV Voltage	Marcy South S.	193.3	327.8	334.9	5390
5884 >E	Dunwoodie 345kV Voltage	Marcy South N.	189.0	327.8	337.5	5495
5910 >E	Dunwoodie 345kV Voltage	Marcy South S.	198.1	327.8	335.2	5418
5966 >E	Niagara 345kV Voltage	Marcy South N.	117.3	327.8	351.6	5542
6020 >E	Ramapo 345kV Voltage	Marcy South N.	135.9	327.8	335.5	5572
6043 >E	Goethals 345kV Voltage	Ph2 DC 1500	130.1	327.8	340.7	5474
6105 >E	Ramapo 345kV Voltage	Marcy South S.	131.5	327.8	325.9	5538
6241 >E	Niagara 230kV East Voltage	Marcy South N.	246.0	218.5	231.1	5697
6241 >E	Niagara 230kV West Voltage	Marcy South N.	246.0	218.5	231.1	5697
6260 >E	Ladentown 345kV Voltage	Marcy South N.	140.0	327.8	336.1	5708
6302 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	118.1	327.8	334.4	4484
6305 >E	Niagara 345kV Voltage	SBK Edic R945	118.2	327.8	334.4	4486
6343 >E	Rock Tavern 345kV Voltage	Marcy South N.	136.9	327.8	329.3	5755

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6488 >E	Bowline 1 345kV Voltage	Marcy South N.	140.0	327.8	336.7	5837
6512 >E	Ladentown 345kV Voltage	Marcy South S.	144.1	327.8	325.4	5789
6543 >E	Niagara 345kV Voltage	Marcy South S.	125.3	327.8	332.8	5808
6917 >E	Bowline 2 345kV Voltage	Marcy South N.	153.3	327.8	335.2	6080
7103 >E	Gardenville 230kV Voltage	Marcy South N.	172.2	207	232.0	6185
7169 >E	Bowline 1 345kV Voltage	Marcy South S.	159.4	327.8	322.7	6194
7188 >E	Niagara 230kV East Voltage	SBK Edic R945	285.7	218.5	221.9	5108
7188 >E	Niagara 230kV West Voltage	SBK Edic R945	285.7	218.5	221.9	5108
7193 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	286.0	218.5	221.9	5111
7193 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	286.0	218.5	221.9	5111
7207 >E	Bowline 2 345kV Voltage	Marcy South S.	158.5	327.8	322.9	6217
7521 >E	Niagara 230kV East Voltage	Marcy South S.	305.5	218.5	221.0	6411
7521 >E	Niagara 230kV West Voltage	Marcy South S.	305.5	218.5	221.0	6411
7760 >E	Rock Tavern 345kV Voltage	Marcy South S.	173.3	327.8	301.0	6558
10042 >E	Gardenville 230kV Voltage	SBK Edic R945	256.9	207	216.4	7115
10049 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	257.2	207	216.4	7121
10274 >E	Coopers Corners 345kV Voltage	Marcy South S.	196.5	327.8	141.7	8109
11332 >E	Gardenville 230kV Voltage	Marcy South S.	302.6	207	212.9	8761
12473 >E	Northport 138kV Voltage	Ph2 DC 1500	768.4	131.1	136.0	10164
13858 >E	Rainey 345kV Voltage	SBK Edic R945	426.6	327.8	344.6	9800
13865 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	435.4	327.8	344.3	9806
13895 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	428.1	327.8	344.5	9827
13903 >E	Farragut 345kV Voltage	SBK Edic R945	436.8	327.8	344.3	9832
17087 >E	Farragut 345kV Voltage	Marcy South S.	554.6	327.8	341.7	12309
17184 >E	Rainey 345kV Voltage	Marcy South S.	547.5	327.8	341.7	12368
17382 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	577.2	327.8	345.4	12281
17449 >E	Goethals 345kV Voltage	SBK Edic R945	579.8	327.8	345.4	12326
21296 >E	Goethals 345kV Voltage	Marcy South S.	724.8	327.8	343.4	14904

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\3MSSC_OP\Sum2023_CEVC_PH2_30_3MSSC_OP.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
21501	Gardenville 230kV Voltage	Ph2 DC 1500	668.2	207	311.4	16748
>E						
22741	Rainey 345kV Voltage	Marcy South N.	752.2	327.8	350.2	15037
>E						
23547	Farragut 345kV Voltage	Marcy South N.	798.1	327.8	350.7	15493
>E						
30102	Goethals 345kV Voltage	Marcy South N.	1062.6	327.8	352.5	19204
>E						
90076	Northport 138kV Voltage	Edic-Gordon Rd. 345	6895.1	131.1	147.9	63431
>E						
92501	Northport 138kV Voltage	SBK Edic R945	7086.7	131.1	148.0	65131
>E						
99998	Bowline 1 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Bowline 2 345kV Voltage	Pre-Fault	NA	NA	345	99998
>E						
99998	Buchanan North 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Buchanan South 345kV Voltage	Pre-Fault	NA	NA	346	99998
>E						
99998	Buchanan South 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Buchanan South 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\3MSSC_OP\Sum2023_CEVC_PH2_30_3MSSC_OP.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
99998 >E	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Millwood 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
99998	Niagara 230kV East Voltage	SBK Edic R70	NA	218.5	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\3MSSC_OP\Sum2023_CEVC_PH2_30_3MSSC_OP.xlsx

1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Niagara 230kV East Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Marcy-N.Scot99 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Edic R70	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
>E						
99998	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

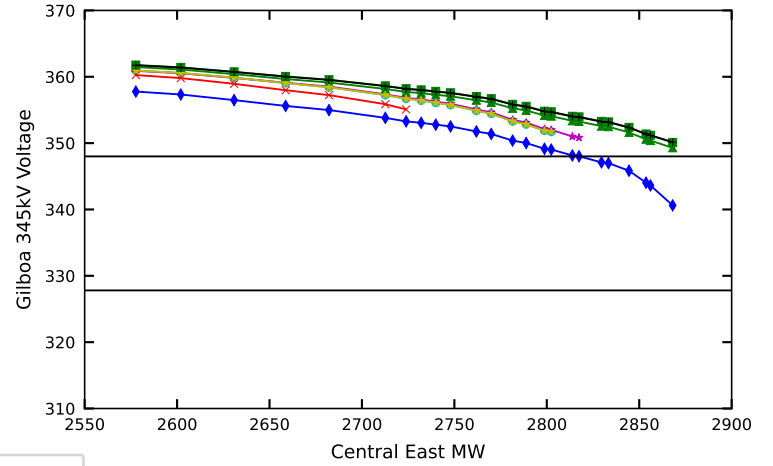
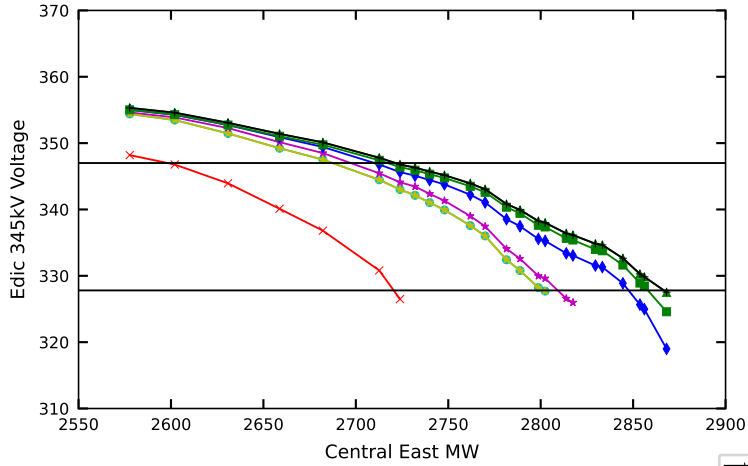
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1: 2023S CEVC PH2 CE2400 MS2270 DE1300 30 3MSSC_OP

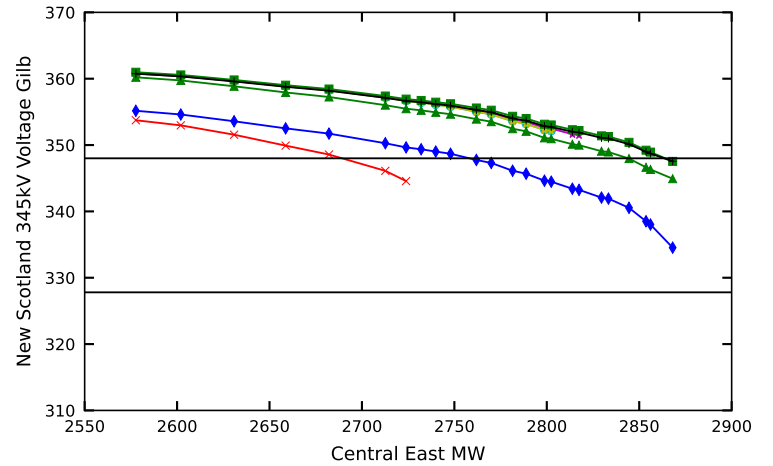
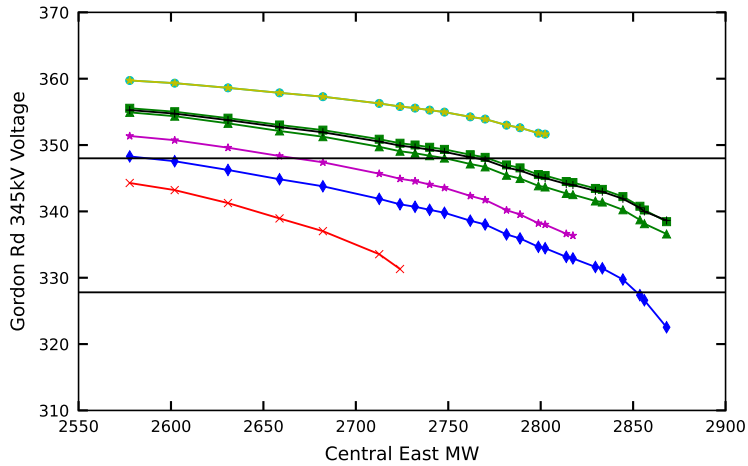
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Rainey 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Ramapo 500kV Voltage	Pre-Fault	NA	NA	500	99998
99998 >E	Ramapo 500kV Voltage	Volney-Marcy	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	SBK Marcy R3108	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	SBK Princetown 345	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	NA	500	NA	99998
99998 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Sprain Brook 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99999 >E	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

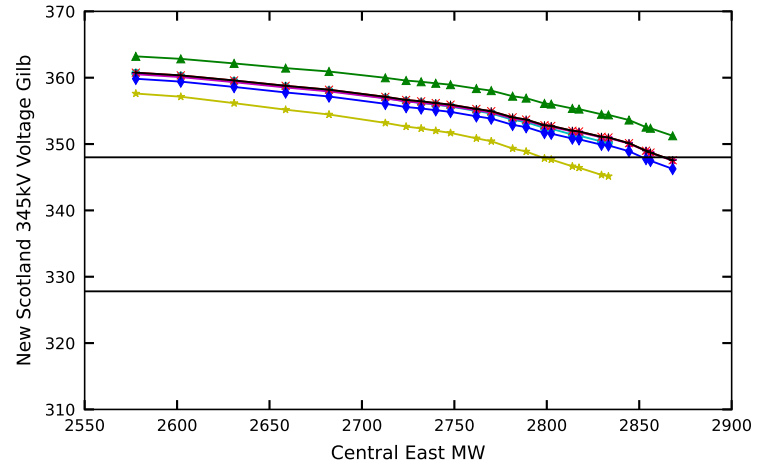
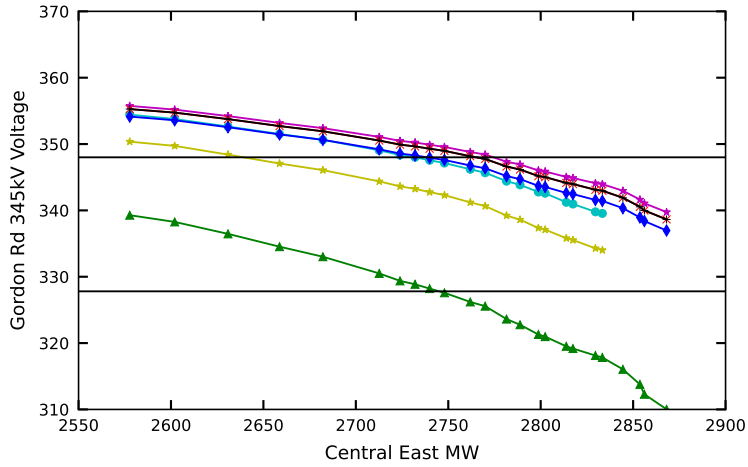
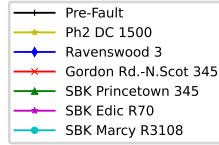
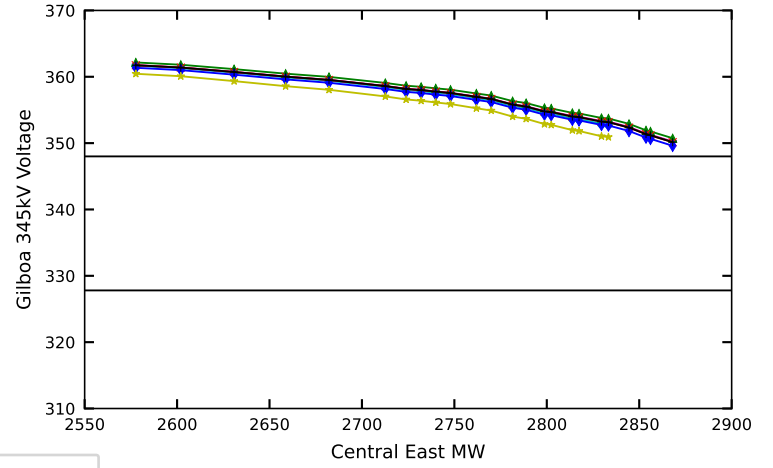
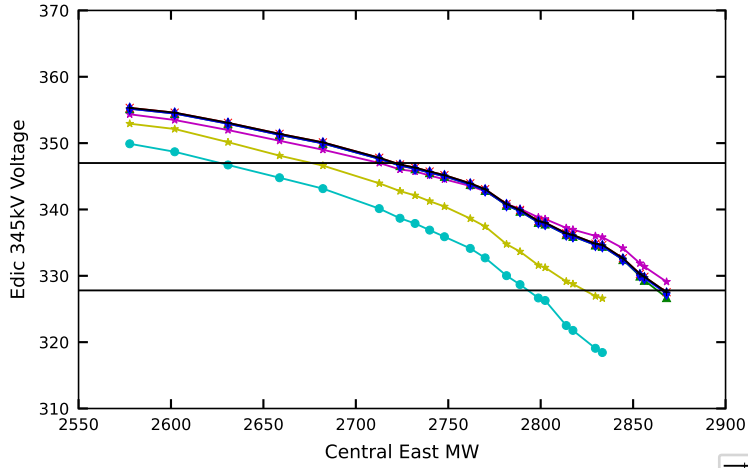
1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S Figure 1



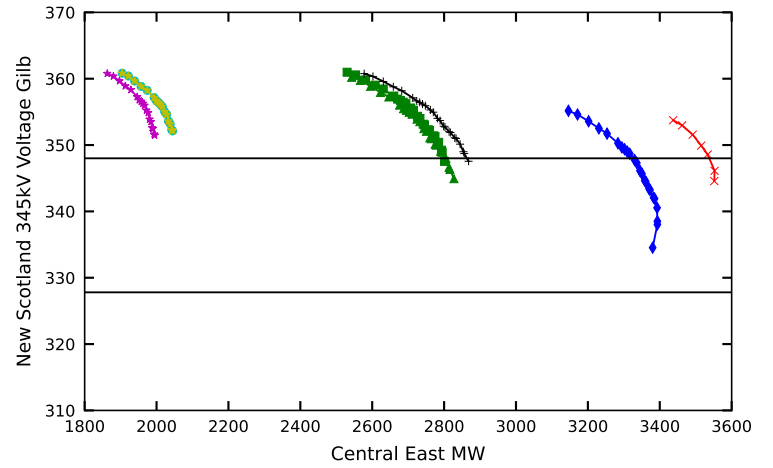
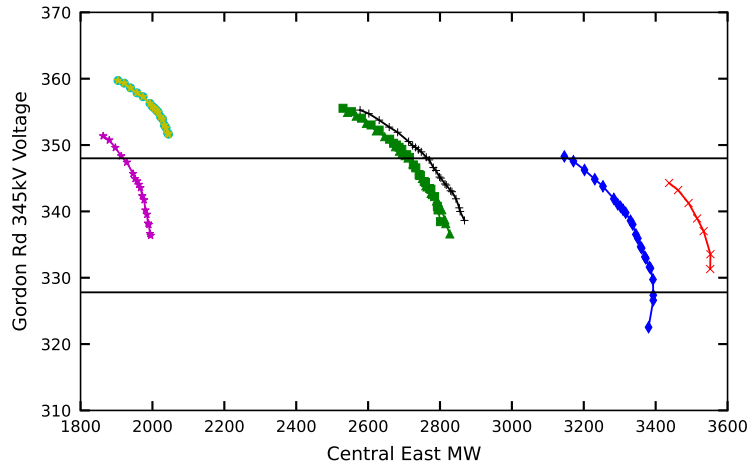
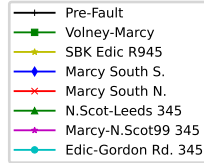
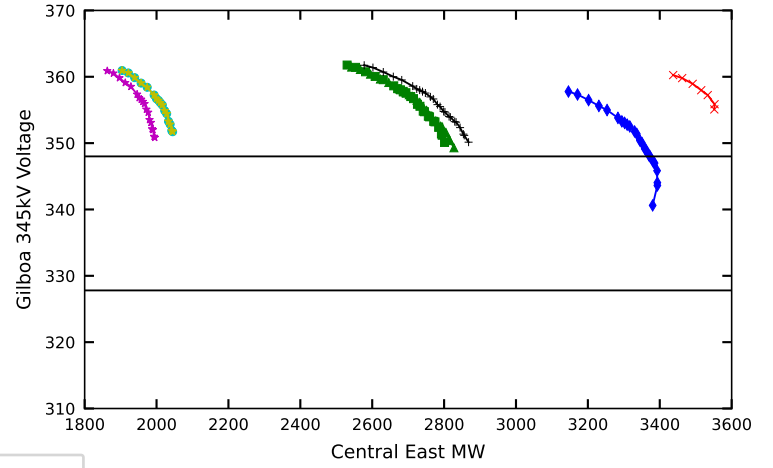
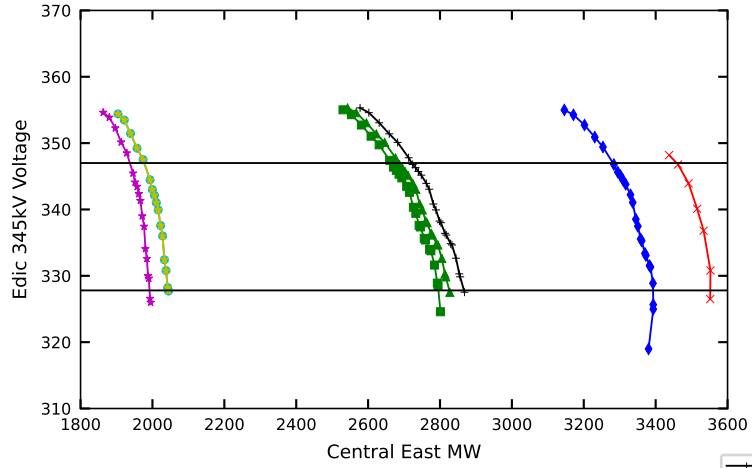
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



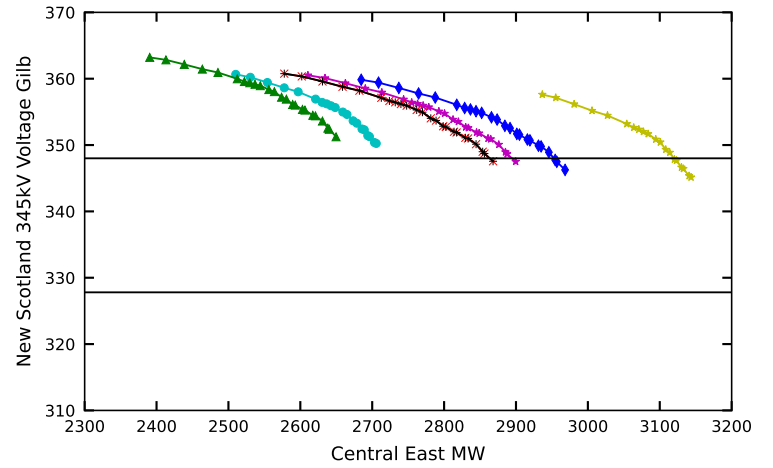
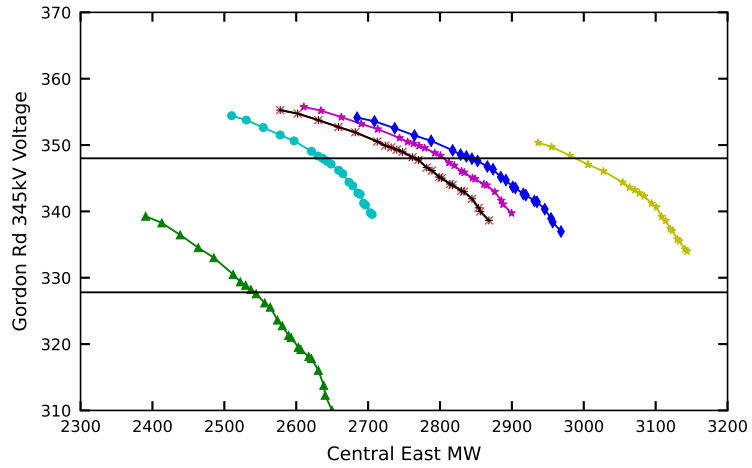
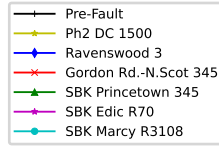
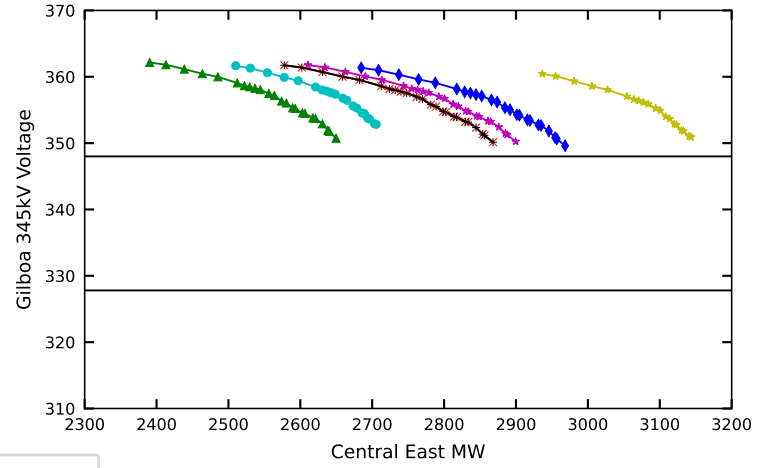
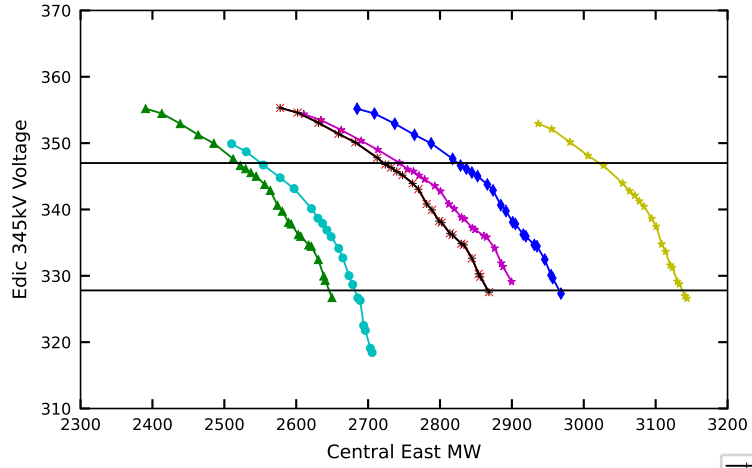
1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S Figure 2



1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S Figure 1



1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S Figure 2



Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\3S\Sum2023_CEVC_PH2_3O_3S.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1300 3O 3S

Interface: Central East

Transfer MW		base	ce01	ce02	ce03	ce07	ce08	ce11	ce13	ce15	ce20	ce30	ce31	log09	log15
2577	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2602	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2630	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2658	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2682	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2712	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2723	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2732	t8	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2739	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2747	t10	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2761	t11	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2769	t12	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2781	t13	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2788	t14	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2798	t15	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2802	t16	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2813	t17	0	1	0	0	2	0	1	0	0	0	0	0	0	0
2817	t18	0	2	0	0	2	0	2	0	0	0	0	0	0	0
2829	t19	0	2	1	0	2	0	2	0	0	0	0	0	0	0
2833	t20	0	2	2	0	2	0	2	0	0	0	0	0	0	0
2844	t21	0	2	2	0	2	0	2	0	2	0	0	0	0	2
2853	t22	0	2	2	0	2	0	2	0	2	0	0	0	0	2
2856	t23	0	2	2	0	2	0	2	0	2	0	0	0	0	2
2868	t24	0	2	2	0	2	0	2	0	2	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\3S\Sum2023_CEVC_PH2_3O_3S.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1300 3O 3S

Interface: Central East

	t	t	t	t	t	t	t	t	t	t	t1	t1	t1	t1	t1	t1	t1	t1	t1	t2	t2	t2	t2	t2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic- Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2
ce02) Marcy- N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2
ce03) N.Scot- Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2
ce13) Volney- Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princeto wn 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Gordon Rd.- N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravensw ood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2

1500

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2491 <E	Dunwoodie 345kV Voltage	Pre-Fault	107.9	NA	348	2491
2503 <E	Sprain Brook 345kV Voltage	Pre-Fault	108.1	NA	348	2503
2577	limit with 5% margin	Marcy South N.	NA	NA	NA	3374
2662	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1942
2662	limit with 5% margin	SBK Edic R945	NA	NA	NA	1942
2676	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1895
2691	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2570
2691	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2986
2710	Marcy 345kV Voltage	Pre-Fault	13.0	NA	348	2710
2713	limit with 5% margin	Marcy South S.	NA	NA	NA	3223
2721	Edic 345kV Voltage	Pre-Fault	11.1	NA	347	2721
2724	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2686
2724	limit with 5% margin	Volney-Marcy	NA	NA	NA	2661
2724	limit with 5% margin	SBK Edic R70	NA	NA	NA	2754
2724	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2517
2724	limit with 5% margin	Gordon Rd.-N.Scot 345	NA	NA	NA	2724
2724	limit with 5% margin	Ravenswood 3	NA	NA	NA	2819
2727 >E	Edic 345kV Voltage	Marcy South N.	5.1	327.8	346.6	3562
2729 >E	Marcy 345kV Voltage	Marcy South N.	5.1	327.8	346.5	3563
2740 >E	Clay 345kV Voltage	Marcy South N.	5.7	327.8	348.4	3569
2745	Gordon Rd 345kV Voltage	SBK Princetown 345	12.7	327.8	349.1	2541
2763 >E	Gordon Rd 345kV Voltage	Marcy South N.	8.8	327.8	348.2	3583
2765	Gordon Rd 345kV Voltage	Pre-Fault	20.0	NA	348	2765
2769	Pannell Road 345kV Voltage	Pre-Fault	9.1	NA	346	2769
2769	Station 80 345kV Voltage	Pre-Fault	8.7	NA	346	2769
2774	Clay 345kV Voltage	Pre-Fault	5.7	NA	345	2774
2781	Millwood 345kV Voltage	Pre-Fault	102.6	NA	348	2781
2793	Edic 345kV Voltage	SBK Marcy R3108	4.9	327.8	339.2	2681
2799	Marcy 345kV Voltage	SBK Edic R945	6.9	327.8	338.2	2042
2799	Marcy 345kV Voltage	Edic-Gordon Rd. 345	6.9	327.8	338.2	2042
2801 >E	Oakdale 345kV Voltage	Marcy South N.	6.9	320	347.4	3608
2801	Edic 345kV Voltage	SBK Edic R945	7.0	327.8	338.1	2044
2801	Edic 345kV Voltage	Edic-Gordon Rd. 345	7.0	327.8	338.1	2044
2808	Clay 345kV Voltage	SBK Marcy R3108	2.8	327.8	340.7	2691
2809	Edic 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	337.1	1991
2811 >E	Pannell Road 345kV Voltage	Marcy South N.	9.3	327.8	345.5	3614
2812	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	336.6	1992
2823	Edic 345kV Voltage	Ph2 DC 1500	6.6	327.8	335.5	3137
2825	Marcy 345kV Voltage	Ph2 DC 1500	6.6	327.8	335.3	3138
2832 >E	Clay 345kV Voltage	SBK Edic R945	7.8	327.8	339.8	2063
2832 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	7.8	327.8	339.8	2063

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2833 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	6.9	327.8	338.9	2002
2846	Buchanan North 345kV Voltage	Pre-Fault	25.7	NA	346	2846
2847	Edic 345kV Voltage	Marcy South S.	2.9	327.8	331.9	3392
2848	Marcy 345kV Voltage	Marcy South S.	2.8	327.8	331.6	3392
2851	Gordon Rd 345kV Voltage	Marcy South S.	3.9	327.8	340.8	3393
2853 >E	Station 80 345kV Voltage	Marcy South N.	11.2	327.8	344.7	3640
2857	Oakdale 345kV Voltage	Pre-Fault	5.2	NA	335	2857
2857	Edic 345kV Voltage	Volney-Marcy	3.2	327.8	329.5	2795
2859	Marcy 345kV Voltage	Volney-Marcy	3.2	327.8	329.2	2796
2862	Clay 345kV Voltage	Volney-Marcy	2.9	327.8	333.4	2798
2863	Edic 345kV Voltage	SBK Princetown 345	4.6	327.8	328.5	2645
2863	New Scotland 345kV Voltage Alps	Pre-Fault	10.3	NA	348	2863
2863	New Scotland 345kV Voltage Gilb	Pre-Fault	10.3	NA	348	2863
2863	Marcy 345kV Voltage	SBK Princetown 345	4.6	327.8	328.3	2646
2865	Edic 345kV Voltage	Ravenswood 3	5.2	327.8	328.0	2965
2865 >E	Clay 345kV Voltage	Marcy South S.	3.3	327.8	332.5	3393
2866	Marcy 345kV Voltage	Ravenswood 3	5.2	327.8	327.8	2966
2866	Marcy 345kV Voltage	SBK Edic R70	5.2	327.8	327.8	2898
2866	Marcy 345kV Voltage	Gordon Rd.-N.Scot 345	5.2	327.8	327.8	2866
2866	Marcy 345kV Voltage	N.Scot-Leeds 345	5.2	327.8	327.8	2825
2866	Edic 345kV Voltage	N.Scot-Leeds 345	5.2	327.8	327.8	2825
2866	Edic 345kV Voltage	Gordon Rd.-N.Scot 345	5.2	327.8	327.8	2866
2874 >E	Edic 345kV Voltage	SBK Edic R70	5.3	327.8	326.2	2906
2878 >E	Fraser 345kV Voltage	Pre-Fault	6.0	NA	338	2878
2885 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	10.7	327.8	341.5	2739
2887 >E	Clay 345kV Voltage	SBK Princetown 345	5.3	327.8	329.3	2664
2888 >E	Rock Tavern 345kV Voltage	Pre-Fault	18.8	NA	348	2888
2889 >E	Clay 345kV Voltage	Ph2 DC 1500	13.2	327.8	336.8	3184
2891 >E	Coopers Corners 345kV Voltage	Pre-Fault	8.1	NA	338	2891
2892 >E	Clay 345kV Voltage	Ravenswood 3	5.8	327.8	328.5	2991
2893 >E	Gilboa 345kV Voltage	Pre-Fault	11.7	NA	348	2893
2895 >E	Clay 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	327.9	2853
2896 >E	Clay 345kV Voltage	Gordon Rd.-N.Scot 345	6.0	327.8	327.8	2896
2897 >E	Pannell Road 345kV Voltage	Volney-Marcy	4.6	327.8	334.1	2817
2900 >E	Oakdale 345kV Voltage	Volney-Marcy	3.7	320	326.8	2819
2900 >E	Clay 345kV Voltage	SBK Edic R70	6.2	327.8	327.0	2932
2905 >E	Pleasant Valley 345kV Voltage	Pre-Fault	26.9	NA	348	2905
2906 >E	New Scotland 345kV Voltage Alps	Marcy South S.	4.9	327.8	343.0	3393
2906 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	4.9	327.8	343.0	3393
2906 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	8.4	320	337.2	2037
2910 >E	Pannell Road 345kV Voltage	Marcy South S.	5.9	327.8	332.9	3393

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2915 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	11.6	327.8	338.3	2041
2915 >E	Station 80 345kV Voltage	Volney-Marcy	5.5	327.8	334.2	2827
2918 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	13.8	327.8	339.8	3205
2920 >E	Station 80 345kV Voltage	Marcy South S.	5.9	327.8	332.3	3393
2923 >E	Oakdale 345kV Voltage	SBK Edic R945	9.4	320	338.1	2122
2923 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	9.4	320	338.1	2122
2924 >E	Pannell Road 345kV Voltage	SBK Edic R945	13.1	327.8	338.7	2123
2924 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	13.1	327.8	338.7	2123
2924 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.9	320	322.1	2694
2927 >E	Oakdale 345kV Voltage	Ravenswood 3	5.0	320	321.7	3025
2928 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	13.0	327.8	339.0	2047
2933 >E	Buchanan South 345kV Voltage	Pre-Fault	36.2	NA	346	2933
2933 >E	Oakdale 345kV Voltage	Marcy South S.	5.4	320	323.7	3393
2934 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	9.3	327.8	341.6	2050
2934 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	5.2	320	320.2	2889
2936 >E	Oakdale 345kV Voltage	Gordon Rd.-N.Scot 345	5.2	320	320.0	2936
2936 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	7.7	327.8	331.0	2890
2936 >E	Pannell Road 345kV Voltage	SBK Princetown 345	7.3	327.8	329.3	2703
2936 >E	St.Lawrence 230kV Voltage	Pre-Fault	26.4	NA	225	2936
2937 >E	Station 80 345kV Voltage	SBK Marcy R3108	13.8	327.8	342.2	2774
2938 >E	Oakdale 345kV Voltage	SBK Marcy R3108	9.8	320	336.4	2775
2939 >E	Oakdale 345kV Voltage	SBK Edic R70	5.3	320	319.4	2969
2939 >E	Ramapo 500kV Voltage	Ph2 DC 1500	34.2	500	506.6	3220
2939 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	327.8	2894
2939 >E	Fraser 345kV Voltage	Volney-Marcy	6.0	327.8	327.8	2840
2939 >E	Fraser 345kV Voltage	SBK Edic R70	6.0	327.8	327.8	2970
2939 >E	Fraser 345kV Voltage	Ravenswood 3	6.0	327.8	327.8	3036
2939 >E	Fraser 345kV Voltage	SBK Princetown 345	6.0	327.8	327.8	2705
2939 >E	Fraser 345kV Voltage	Gordon Rd.-N.Scot 345	6.0	327.8	327.8	2939
2939 >E	New Scotland 345kV Voltage Alps	Marcy South N.	12.4	327.8	349.1	3694
2939 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	12.4	327.8	349.1	3694
2940 >E	Gordon Rd 345kV Voltage	Volney-Marcy	6.8	327.8	330.5	2841
2942 >E	Pannell Road 345kV Voltage	Ravenswood 3	7.8	327.8	328.6	3038
2945 >E	Gordon Rd 345kV Voltage	Ravenswood 3	8.4	327.8	329.9	3042
2947 >E	Gilboa 345kV Voltage	Marcy South S.	5.8	327.8	344.0	3393
2947 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	8.0	327.8	327.9	2901
2947 >E	Coopers Corners 345kV Voltage	Ravenswood 3	7.7	327.8	331.1	3044
2948 >E	Pannell Road 345kV Voltage	Gordon Rd.-N.Scot 345	8.0	327.8	327.8	2948
2952 >E	Fraser 345kV Voltage	SBK Edic R945	10.4	327.8	341.9	2140
2952 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	341.9	2140
2952 >E	Pannell Road 345kV Voltage	SBK Edic R70	8.2	327.8	327.3	2983

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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2956 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	14.6	327.8	342.4	2061
2956 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	13.8	327.8	338.0	2061
2958 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	7.7	327.8	329.8	2720
2962 >E	Station 80 345kV Voltage	SBK Princetown 345	8.6	327.8	329.2	2723
2964 >E	Gordon Rd 345kV Voltage	Gordon Rd.-N.Scot 345	8.9	327.8	327.8	2964
2964 >E	Fraser 345kV Voltage	Marcy South S.	7.8	327.8	327.8	3393
2965 >E	Coopers Corners 345kV Voltage	Volney-Marcy	7.3	327.8	328.9	2855
2965 >E	Coopers Corners 345kV Voltage	SBK Edic R70	8.1	327.8	328.9	2996
2966 >E	Station 80 345kV Voltage	Ravenswood 3	9.1	327.8	328.7	3062
2969 >E	Marcy 345kV Voltage	SBK Marcy R3108	19.8	327.8	327.8	2795
2969 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	8.0	327.8	328.5	2921
2971 >E	Station 80 345kV Voltage	SBK Edic R945	15.5	327.8	338.2	2153
2971 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	15.5	327.8	338.2	2153
2974 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	9.3	327.8	327.9	2926
2974 >E	Coopers Corners 345kV Voltage	Gordon Rd.-N.Scot 345	8.1	327.8	327.8	2974
2975 >E	Station 80 345kV Voltage	Gordon Rd.-N.Scot 345	9.3	327.8	327.8	2975
2975 >E	Gordon Rd 345kV Voltage	SBK Edic R70	9.0	327.8	326.5	3006
2979 >E	Station 80 345kV Voltage	SBK Edic R70	9.5	327.8	327.4	3009
2980 >E	Coopers Corners 345kV Voltage	SBK Edic R945	16.5	327.8	342.7	2158
2980 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	16.5	327.8	342.7	2158
2991 >E	Ramapo 345kV Voltage	Pre-Fault	32.4	NA	346	2991
2991 >E	St.Lawrence 230kV Voltage	Volney-Marcy	15.0	218.5	222.9	2869
3013 >E	St.Lawrence 230kV Voltage	Marcy South N.	25.0	218.5	226.9	3740
3015 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	8.6	327.8	333.3	2965
3015 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	8.6	327.8	333.3	2965
3017 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	15.7	327.8	336.1	2827
3019 >E	Leeds 345kV Voltage	Marcy South S.	7.3	327.8	347.7	3394
3025 >E	St.Lawrence 230kV Voltage	Marcy South S.	18.3	218.5	222.1	3394
3035 >E	Ramapo 500kV Voltage	Marcy South S.	23.7	500	502.2	3394
3037 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	8.6	327.8	331.2	2894
3037 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	8.6	327.8	331.2	2894
3039 >E	Ladentown 345kV Voltage	Pre-Fault	33.3	NA	346	3039
3049 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	9.8	327.8	330.0	3141
3049 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	9.8	327.8	330.0	3141
3052 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	39.3	500	504.8	2107
3068 >E	Leeds 345kV Voltage	Pre-Fault	20.0	NA	345	3068
3072 >E	New Scotland 345kV Voltage Alps	Gordon Rd.-N.Scot 345	10.3	327.8	327.8	3072
3072 >E	New Scotland 345kV Voltage Gilb	Gordon Rd.-N.Scot 345	10.3	327.8	327.8	3072
3072 >E	Roseton 345kV Voltage	Pre-Fault	29.0	NA	345	3072
3072 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	10.4	327.8	327.8	3102
3072 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	10.4	327.8	327.8	3102

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3080 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	43.4	500	504.5	2222
3080 >E	Ramapo 500kV Voltage	SBK Edic R945	43.4	500	504.5	2223
3084 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	23.7	218.5	219.4	2818
3085 >E	Oakdale 345kV Voltage	Ph2 DC 1500	16.9	320	331.2	3325
3091 >E	Somerset 345kV Voltage	Marcy South S.	10.7	327.8	333.9	3394
3092 >E	St.Lawrence 230kV Voltage	Ravenswood 3	25.7	218.5	219.1	3182
3093 >E	Somerset 345kV Voltage	Pre-Fault	18.5	NA	338	3093
3094 >E	Somerset 345kV Voltage	Volney-Marcy	10.8	327.8	338.0	2925
3097 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	27.9	218.5	225.7	2128
3105 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	11.1	327.8	329.9	3049
3108 >E	St.Lawrence 230kV Voltage	Gordon Rd.-N.Scot 345	26.4	218.5	218.5	3108
3109 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	26.5	218.5	218.4	3053
3109 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	27.7	327.8	338.6	3343
3114 >E	Gilboa 345kV Voltage	Volney-Marcy	11.1	327.8	329.1	2937
3116 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	10.6	327.8	323.6	2843
3116 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	10.6	327.8	323.6	2843
3118 >E	Gilboa 345kV Voltage	Ravenswood 3	11.5	327.8	328.8	3208
3122 >E	St.Lawrence 230kV Voltage	SBK Edic R70	27.9	218.5	217.9	3151
3125 >E	Bowline 1 345kV Voltage	Pre-Fault	33.2	NA	345	3125
3130 >E	Gilboa 345kV Voltage	Gordon Rd.-N.Scot 345	11.7	327.8	327.8	3130
3132 >E	Gilboa 345kV Voltage	SBK Edic R70	11.8	327.8	327.6	3160
3136 >E	Gilboa 345kV Voltage	SBK Princetown 345	11.7	327.8	327.3	2859
3136 >E	Watercure 230kV Voltage	Marcy South N.	22.7	207	230.0	3817
3140 >E	Bowline 2 345kV Voltage	Pre-Fault	33.2	NA	345	3140
3155 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	18.6	327.8	342.4	3375
3155 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	18.6	327.8	342.4	3375
3173 >E	Rock Tavern 345kV Voltage	Ravenswood 3	17.0	327.8	332.8	3260
3174 >E	St.Lawrence 230kV Voltage	SBK Edic R945	36.1	218.5	225.0	2283
3174 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	36.1	218.5	225.0	2283
3193 >E	Somerset 345kV Voltage	Marcy South N.	21.9	327.8	346.9	3852
3205 >E	Dunwoodie 345kV Voltage	Ravenswood 3	36.1	327.8	336.2	3290
3205 >E	Fraser 345kV Voltage	Marcy South N.	17.3	327.8	327.8	3860
3206 >E	Pleasant Valley 345kV Voltage	Marcy South S.	19.1	327.8	342.3	3395
3209 >E	Sprain Brook 345kV Voltage	Ravenswood 3	36.1	327.8	336.2	3294
3240 >E	Buchanan North 345kV Voltage	Ravenswood 3	30.7	327.8	335.2	3324
3241 >E	Ramapo 500kV Voltage	Ravenswood 3	127.6	500	505.4	3325
3244 >E	Somerset 345kV Voltage	SBK Princetown 345	17.1	327.8	329.8	2944
3248 >E	Rock Tavern 345kV Voltage	Volney-Marcy	17.6	327.8	328.9	3010
3250 >E	Station 80 345kV Voltage	Ph2 DC 1500	37.7	327.8	339.9	3444
3250 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	18.2	327.8	328.7	2949
3252 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	18.3	327.8	328.6	3187

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3256 >E	Somerset 345kV Voltage	Ravenswood 3	17.9	327.8	329.2	3339
3258 >E	Millwood 345kV Voltage	Ravenswood 3	31.2	327.8	335.8	3341
3261 >E	Rock Tavern 345kV Voltage	SBK Edic R70	18.8	327.8	328.2	3288
3267 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	48.3	218.5	224.7	3456
3268 >E	Rock Tavern 345kV Voltage	Gordon Rd.-N.Scot 345	18.8	327.8	327.8	3268
3273 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	21.4	207	223.4	2212
3280 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	18.5	327.8	327.9	3213
3281 >E	Somerset 345kV Voltage	Gordon Rd.-N.Scot 345	18.5	327.8	327.8	3281
3289 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	29.8	327.8	335.4	3472
3290 >E	Somerset 345kV Voltage	SBK Edic R70	18.9	327.8	327.3	3317
3303 >E	Buchanan South 345kV Voltage	Ravenswood 3	30.2	327.8	335.8	3385
3309 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	21.4	327.8	341.3	2229
3317 >E	Watercure 230kV Voltage	SBK Edic R945	24.2	207	222.9	2374
3317 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	24.2	207	222.9	2374
3318 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	24.3	327.8	332.6	3399
3326 >E	Fraser 345kV Voltage	SBK Marcy R3108	27.6	327.8	327.8	3030
3326 >E	Fraser 345kV Voltage	Ph2 DC 1500	27.7	327.8	327.8	3499
3327 >E	Ramapo 500kV Voltage	SBK Marcy R3108	63.4	500	501.4	3031
3330 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	25.0	327.8	341.3	2239
3336 >E	Gilboa 345kV Voltage	Marcy South N.	22.2	327.8	339.5	3942
3361 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	54.9	218.5	223.7	3053
3363 >E	Ramapo 345kV Voltage	Ravenswood 3	28.0	327.8	334.5	3442
3365 >E	Gilboa 345kV Voltage	SBK Edic R945	23.5	327.8	341.0	2405
3365 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	23.6	327.8	341.0	2405
3365 >E	Watercure 230kV Voltage	SBK Marcy R3108	24.4	207	224.9	3056
3371 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	23.4	327.8	334.0	2259
3371 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	23.4	327.8	334.0	2259
3386 >E	Gordon Rd 345kV Voltage	SBK Edic R945	24.5	327.8	320.5	2418
3386 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	24.5	327.8	320.5	2418
3387 >E	Somerset 345kV Voltage	SBK Edic R945	28.0	327.8	341.0	2419
3387 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	28.0	327.8	341.0	2419
3391 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	24.6	327.8	329.9	3316
3396 >E	Ladentown 345kV Voltage	Ravenswood 3	28.5	327.8	335.3	3473
3396 >E	Niagara 230kV East Voltage	Marcy South S.	39.6	218.5	221.6	3396
3396 >E	Niagara 230kV West Voltage	Marcy South S.	39.6	218.5	221.6	3396
3407 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	24.9	327.8	334.4	2431
3407 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	24.9	327.8	334.4	2431
3407 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	24.9	327.8	334.4	2431
3407 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	24.9	327.8	334.4	2431
3412 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	20.0	327.8	327.8	3336
3412 >E	Leeds 345kV Voltage	Volney-Marcy	20.0	327.8	327.8	3101

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3412 >E	Leeds 345kV Voltage	SBK Princetown 345	20.0	327.8	327.8	3075
3412 >E	Leeds 345kV Voltage	Gordon Rd.-N.Scot 345	20.0	327.8	327.8	3412
3412 >E	Leeds 345kV Voltage	Ravenswood 3	20.0	327.8	327.8	3488
3412 >E	Leeds 345kV Voltage	SBK Edic R70	20.0	327.8	327.8	3437
3432 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	25.9	327.8	328.4	3112
3432 >E	Roseton 345kV Voltage	Ravenswood 3	26.2	327.8	332.6	3508
3441 >E	Bowline 1 345kV Voltage	Ravenswood 3	28.4	327.8	335.5	3516
3445 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	26.8	327.8	327.9	3470
3447 >E	Pleasant Valley 345kV Voltage	Gordon Rd.-N.Scot 345	26.9	327.8	327.8	3447
3448 >E	Niagara 345kV Voltage	Marcy South S.	20.0	327.8	334.7	3396
3451 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	27.5	327.8	334.4	3112
3451 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	27.5	327.8	334.4	3112
3452 >E	Bowline 2 345kV Voltage	Ravenswood 3	28.4	327.8	335.6	3527
3473 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	34.8	327.8	328.9	3393
3473 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	27.2	327.8	326.8	3123
3484 >E	Buchanan North 345kV Voltage	Volney-Marcy	34.8	327.8	328.6	3141
3505 >E	Buchanan North 345kV Voltage	SBK Princetown 345	36.2	327.8	328.1	3147
3508 >E	Buchanan North 345kV Voltage	SBK Edic R70	36.8	327.8	328.0	3532
3509 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	35.3	327.8	329.2	3426
3514 >E	Buchanan North 345kV Voltage	Gordon Rd.-N.Scot 345	36.8	327.8	327.8	3514
3519 >E	Gardenville 230kV Voltage	Marcy South S.	25.5	207	212.1	3397
3529 >E	Niagara 345kV Voltage	Volney-Marcy	22.7	327.8	341.4	3166
3532 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	42.6	327.8	329.0	3448
3533 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	27.6	327.8	329.1	3449
3536 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	42.5	327.8	329.0	3452
3537 >E	Watercure 230kV Voltage	Volney-Marcy	28.1	207	229.6	3170
3540 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	33.9	327.8	329.2	3456
3543 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	30.9	327.8	328.9	3458
3543 >E	Ramapo 345kV Voltage	Volney-Marcy	30.5	327.8	328.9	3174
3547 >E	Millwood 345kV Voltage	Volney-Marcy	36.6	327.8	328.2	3176
3548 >E	Roseton 345kV Voltage	Volney-Marcy	27.8	327.8	328.6	3176
3553 >E	Gilboa 345kV Voltage	Ph2 DC 1500	31.2	327.8	338.0	3663
3557 >E	Millwood 345kV Voltage	SBK Edic R70	37.8	327.8	327.9	3581
3558 >E	Leeds 345kV Voltage	Marcy South N.	28.5	327.8	344.5	4081
3562 >E	Ramapo 345kV Voltage	SBK Princetown 345	31.6	327.8	328.4	3192
3563 >E	Millwood 345kV Voltage	Gordon Rd.-N.Scot 345	37.9	327.8	327.8	3563
3566 >E	Roseton 345kV Voltage	SBK Edic R70	28.9	327.8	328.0	3589
3567 >E	Buchanan South 345kV Voltage	Volney-Marcy	34.7	327.8	328.5	3187
3570 >E	Roseton 345kV Voltage	Gordon Rd.-N.Scot 345	29.0	327.8	327.8	3570
3570 >E	Roseton 345kV Voltage	SBK Princetown 345	28.7	327.8	327.8	3199
3571 >E	Niagara 230kV East Voltage	Volney-Marcy	52.1	218.5	225.5	3189

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3571 >E	Niagara 230kV West Voltage	Volney-Marcy	52.1	218.5	225.5	3189
3573 >E	Ramapo 345kV Voltage	SBK Edic R70	32.3	327.8	328.0	3597
3576 >E	Millwood 345kV Voltage	SBK Princetown 345	37.9	327.8	327.5	3203
3577 >E	Roseton 345kV Voltage	Marcy South S.	29.0	327.8	338.9	3397
3578 >E	Dunwoodie 345kV Voltage	Volney-Marcy	44.6	327.8	328.0	3193
3580 >E	Ramapo 345kV Voltage	Gordon Rd.-N.Scot 345	32.4	327.8	327.8	3580
3581 >E	Dunwoodie 345kV Voltage	SBK Edic R70	45.6	327.8	327.9	3605
3582 >E	Sprain Brook 345kV Voltage	Volney-Marcy	44.5	327.8	328.0	3195
3585 >E	Buchanan South 345kV Voltage	SBK Edic R70	36.1	327.8	328.0	3609
3586 >E	Sprain Brook 345kV Voltage	SBK Edic R70	45.6	327.8	327.9	3610
3587 >E	Dunwoodie 345kV Voltage	Gordon Rd.-N.Scot 345	45.7	327.8	327.8	3587
3591 >E	Buchanan South 345kV Voltage	Gordon Rd.-N.Scot 345	36.2	327.8	327.8	3591
3592 >E	Sprain Brook 345kV Voltage	Gordon Rd.-N.Scot 345	45.7	327.8	327.8	3592
3594 >E	Buchanan South 345kV Voltage	SBK Princetown 345	35.9	327.8	327.7	3217
3600 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	31.6	327.8	329.1	3512
3604 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	45.8	327.8	327.4	3225
3608 >E	Ladentown 345kV Voltage	Volney-Marcy	31.5	327.8	328.9	3209
3608 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	45.8	327.8	327.5	3228
3619 >E	Millwood 345kV Voltage	Marcy South S.	40.7	327.8	336.4	3397
3619 >E	Niagara 230kV East Voltage	Pre-Fault	102.5	NA	225	3619
3619 >E	Niagara 230kV West Voltage	Pre-Fault	102.5	NA	225	3619
3624 >E	Ramapo 500kV Voltage	Volney-Marcy	101.7	500	503.1	3218
3631 >E	Ladentown 345kV Voltage	SBK Princetown 345	32.7	327.8	328.2	3246
3638 >E	Ladentown 345kV Voltage	SBK Edic R70	33.3	327.8	328.0	3661
3645 >E	Ladentown 345kV Voltage	Gordon Rd.-N.Scot 345	33.3	327.8	327.8	3645
3646 >E	Ramapo 500kV Voltage	Marcy South N.	104.6	500	504.0	4136
3650 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	31.6	327.8	329.2	3558
3656 >E	Bowline 1 345kV Voltage	Volney-Marcy	31.4	327.8	329.0	3236
3663 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	31.5	327.8	329.2	3570
3668 >E	Niagara 345kV Voltage	Pre-Fault	40.8	NA	338	3668
3669 >E	Bowline 2 345kV Voltage	Volney-Marcy	31.3	327.8	329.0	3243
3679 >E	Dunwoodie 345kV Voltage	Marcy South S.	50.8	327.8	335.7	3397
3680 >E	Sprain Brook 345kV Voltage	Marcy South S.	50.3	327.8	335.6	3397
3681 >E	Bowline 1 345kV Voltage	SBK Princetown 345	32.6	327.8	328.3	3286
3690 >E	Bowline 1 345kV Voltage	SBK Edic R70	33.2	327.8	328.0	3712
3695 >E	Bowline 2 345kV Voltage	SBK Princetown 345	32.5	327.8	328.3	3296
3697 >E	Bowline 1 345kV Voltage	Gordon Rd.-N.Scot 345	33.2	327.8	327.8	3697
3704 >E	Bowline 2 345kV Voltage	SBK Edic R70	33.1	327.8	328.0	3726
3710 >E	Bowline 2 345kV Voltage	Gordon Rd.-N.Scot 345	33.2	327.8	327.8	3710
3717 >E	Watercure 230kV Voltage	Ph2 DC 1500	39.5	207	220.0	3781
3745 >E	Buchanan North 345kV Voltage	Marcy South S.	43.7	327.8	330.6	3398

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3747 >E	Somerset 345kV Voltage	SBK Marcy R3108	44.6	327.8	361.5	3308
3762 >E	Buchanan South 345kV Voltage	Marcy South S.	42.5	327.8	334.5	3398
3778 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	45.9	327.8	343.8	2452
3782 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	50.4	327.8	325.0	3330
3845 >E	Pleasant Valley 345kV Voltage	Marcy South N.	48.2	327.8	338.5	4260
3870 >E	Ramapo 500kV Voltage	SBK Princetown 345	136.8	500	501.7	3433
3881 >E	Coopers Corners 345kV Voltage	Marcy South N.	34.8	327.8	303.0	4283
3895 >E	Gilboa 345kV Voltage	SBK Marcy R3108	42.4	327.8	330.9	3405
3919 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	141.9	500	501.4	3810
3922 >E	Rock Tavern 345kV Voltage	SBK Edic R945	52.4	327.8	343.5	2761
3922 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	52.4	327.8	343.5	2761
3960 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	65.2	327.8	341.6	3956
3976 >E	Niagara 345kV Voltage	SBK Princetown 345	37.4	327.8	330.5	3516
4017 >E	Niagara 345kV Voltage	Ravenswood 3	39.2	327.8	329.5	4067
4030 >E	Leeds 345kV Voltage	Ph2 DC 1500	41.9	327.8	343.4	4007
4038 >E	Niagara 345kV Voltage	Marcy South N.	46.5	327.8	349.4	4381
4082 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	40.8	327.8	327.9	3963
4083 >E	Ramapo 345kV Voltage	Marcy South S.	47.5	327.8	328.3	3400
4084 >E	Niagara 345kV Voltage	Gordon Rd.-N.Scot 345	40.8	327.8	327.8	4084
4096 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	92.5	218.5	227.3	2604
4096 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	92.5	218.5	227.3	2604
4101 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	46.5	327.8	344.1	2606
4114 >E	Niagara 345kV Voltage	SBK Edic R70	41.9	327.8	327.1	4131
4134 >E	Niagara 230kV East Voltage	SBK Princetown 345	92.1	218.5	220.0	3640
4134 >E	Niagara 230kV West Voltage	SBK Princetown 345	92.1	218.5	220.0	3640
4153 >E	Ramapo 500kV Voltage	Pre-Fault	169.0	NA	500	4153
4153 >E	Ramapo 500kV Voltage	Gordon Rd.-N.Scot 345	169.0	500	500.0	4153
4165 >E	Ladentown 345kV Voltage	Marcy South S.	49.6	327.8	328.6	3400
4165 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	59.7	327.8	345.8	4105
4175 >E	Ramapo 500kV Voltage	SBK Edic R70	173.7	500	499.9	4192
4186 >E	Niagara 230kV East Voltage	Ravenswood 3	97.3	218.5	219.5	4229
4186 >E	Niagara 230kV West Voltage	Ravenswood 3	97.3	218.5	219.5	4229
4201 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	61.4	327.8	342.6	4131
4208 >E	Ramapo 345kV Voltage	Ph2 DC 1500	63.2	327.8	344.6	4135
4227 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	78.9	327.8	339.2	2667
4235 >E	Niagara 230kV East Voltage	SBK Edic R945	103.0	218.5	227.1	2961
4235 >E	Niagara 230kV West Voltage	SBK Edic R945	103.0	218.5	227.1	2961
4235 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	103.0	218.5	227.1	2961
4235 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	103.0	218.5	227.1	2961
4244 >E	Niagara 345kV Voltage	SBK Edic R945	51.8	327.8	343.4	2967
4244 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	51.8	327.8	343.4	2967

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4260 >E	Rock Tavern 345kV Voltage	Marcy South S.	47.3	327.8	313.7	3401
4270 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	70.8	327.8	345.0	4180
4282 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	102.4	218.5	218.5	4150
4282 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	102.4	218.5	218.5	4150
4286 >E	Niagara 230kV East Voltage	Gordon Rd.-N.Scot 345	102.5	218.5	218.5	4286
4286 >E	Niagara 230kV West Voltage	Gordon Rd.-N.Scot 345	102.5	218.5	218.5	4286
4297 >E	Ladentown 345kV Voltage	Ph2 DC 1500	63.2	327.8	346.0	4200
4300 >E	Niagara 230kV East Voltage	Marcy South N.	108.9	218.5	230.1	4545
4300 >E	Niagara 230kV West Voltage	Marcy South N.	108.9	218.5	230.1	4545
4316 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	68.1	327.8	342.6	2709
4327 >E	Niagara 230kV East Voltage	SBK Edic R70	105.9	218.5	218.1	4342
4327 >E	Niagara 230kV West Voltage	SBK Edic R70	105.9	218.5	218.1	4342
4337 >E	Millwood 345kV Voltage	Ph2 DC 1500	79.1	327.8	344.8	4229
4386 >E	Bowline 1 345kV Voltage	Marcy South S.	54.7	327.8	326.3	3401
4399 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	63.2	327.8	347.1	4273
4402 >E	Bowline 2 345kV Voltage	Marcy South S.	54.5	327.8	326.4	3402
4425 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	63.1	327.8	347.5	4292
4432 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	90.2	327.8	339.0	3087
4432 >E	Buchanan North 345kV Voltage	SBK Edic R945	90.2	327.8	339.0	3087
4463 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	98.2	327.8	343.3	4320
4494 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	100.4	327.8	343.4	4342
4522 >E	Rainey 345kV Voltage	Ravenswood 3	82.4	327.8	342.2	4551
4535 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	77.9	327.8	342.2	3153
4536 >E	Ramapo 345kV Voltage	SBK Edic R945	78.0	327.8	342.2	3154
4539 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	73.1	327.8	343.3	2815
4569 >E	Roseton 345kV Voltage	Marcy South N.	66.7	327.8	334.2	4713
4578 >E	Millwood 345kV Voltage	Marcy South N.	87.2	327.8	333.5	4719
4624 >E	Farragut 345kV Voltage	Ravenswood 3	86.9	327.8	341.5	4648
4648 >E	Dunwoodie 345kV Voltage	Marcy South N.	103.7	327.8	332.2	4763
4648 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	72.7	327.8	344.3	2867
4659 >E	Sprain Brook 345kV Voltage	Marcy South N.	103.6	327.8	332.2	4769
4681 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	72.7	327.8	344.6	2883
4705 >E	Roseton 345kV Voltage	Ph2 DC 1500	74.8	327.8	346.4	4494
4765 >E	Rock Tavern 345kV Voltage	Marcy South N.	69.4	327.8	321.3	4836
4792 >E	Ladentown 345kV Voltage	SBK Edic R945	83.6	327.8	342.9	3318
4794 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	83.7	327.8	342.8	3320
4868 >E	Buchanan North 345kV Voltage	Marcy South N.	100.6	327.8	331.3	4900
4870 >E	Gardenville 230kV Voltage	Marcy South N.	85.8	207	232.0	4902
4882 >E	Buchanan South 345kV Voltage	Marcy South N.	93.0	327.8	333.3	4909
4917 >E	Bowline 1 345kV Voltage	SBK Edic R945	83.3	327.8	343.9	3398
4918 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	83.3	327.8	343.9	3399

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
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4926 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	101.0	327.8	341.5	3000
4956 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	83.3	327.8	344.1	3423
4956 >E	Bowline 2 345kV Voltage	SBK Edic R945	83.3	327.8	344.1	3423
4963 >E	Coopers Corners 345kV Voltage	Marcy South S.	53.7	327.8	183.3	3405
4965 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	83.9	207	225.3	3018
4980 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	73.5	327.8	327.8	3025
5102 >E	Rainey 345kV Voltage	Pre-Fault	139.0	NA	338	5102
5112 >E	Gardenville 230kV Voltage	Volney-Marcy	85.2	207	231.7	4039
5127 >E	Farragut 345kV Voltage	Pre-Fault	145.1	NA	338	5127
5135 >E	Leeds 345kV Voltage	SBK Edic R945	78.2	327.8	327.8	3538
5137 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	78.2	327.8	327.8	3539
5210 >E	Gardenville 230kV Voltage	SBK Edic R945	94.3	207	225.0	3585
5211 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	94.4	207	225.0	3586
5241 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	95.6	327.8	341.8	3150
5261 >E	Buchanan South 345kV Voltage	SBK Edic R945	116.8	327.8	341.4	3618
5264 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	117.0	327.8	341.4	3620
5366 >E	Goethals 345kV Voltage	Ravenswood 3	116.3	327.8	340.7	5358
5419 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	132.6	327.8	341.2	3235
5420 >E	Leeds 345kV Voltage	SBK Marcy R3108	89.3	327.8	327.8	4410
5473 >E	Ramapo 345kV Voltage	Marcy South N.	104.9	327.8	330.6	5279
5581 >E	Roseton 345kV Voltage	SBK Edic R945	108.7	327.8	341.5	3823
5583 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	108.8	327.8	341.5	3824
5701 >E	Watercure 230kV Voltage	Ravenswood 3	114.8	207	220.4	5678
5717 >E	Ladentown 345kV Voltage	Marcy South N.	110.5	327.8	332.2	5431
5729 >E	Watercure 230kV Voltage	SBK Princetown 345	114.8	207	220.3	4887
5808 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	124.6	327.8	336.5	3420
5875 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	179.5	327.8	340.6	3452
5883 >E	Millwood 345kV Voltage	SBK Edic R945	156.1	327.8	341.5	4016
5883 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	156.1	327.8	341.5	4016
5902 >E	Goethals 345kV Voltage	Pre-Fault	198.1	NA	338	5902
6011 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	188.4	327.8	340.8	3517
6181 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	140.1	327.8	336.7	4207
6181 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	140.1	327.8	336.7	4207
6197 >E	Bowline 1 345kV Voltage	Marcy South N.	121.5	327.8	332.7	5731
6234 >E	Bowline 2 345kV Voltage	Marcy South N.	121.0	327.8	332.7	5754
6268 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	129.6	327.8	329.6	6007
6347 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	135.2	327.8	329.6	6081
6447 >E	Rainey 345kV Voltage	Volney-Marcy	135.8	327.8	328.3	4775
6485 >E	Sprain Brook 345kV Voltage	SBK Edic R945	215.2	327.8	341.0	4402
6492 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	215.6	327.8	341.0	4406
6509 >E	Rainey 345kV Voltage	SBK Edic R70	138.7	327.8	327.9	6499

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6520 >E	Rainey 345kV Voltage	Gordon Rd.-N.Scot 345	139.0	327.8	327.8	6520
6529 >E	Farragut 345kV Voltage	Volney-Marcy	141.7	327.8	328.3	4820
6547 >E	Rainey 345kV Voltage	SBK Princetown 345	139.5	327.8	327.6	5527
6594 >E	Farragut 345kV Voltage	SBK Edic R70	144.8	327.8	327.9	6583
6607 >E	Farragut 345kV Voltage	Gordon Rd.-N.Scot 345	145.1	327.8	327.8	6607
6634 >E	Farragut 345kV Voltage	SBK Princetown 345	145.6	327.8	327.6	5595
6661 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	226.6	327.8	341.3	4514
6661 >E	Dunwoodie 345kV Voltage	SBK Edic R945	226.6	327.8	341.3	4514
6826 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	211.0	327.8	329.4	5337
6834 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	168.3	327.8	326.8	5342
6930 >E	Rainey 345kV Voltage	Marcy South S.	154.0	327.8	341.6	3416
6958 >E	Watercure 230kV Voltage	Pre-Fault	234.1	NA	215	6958
6970 >E	Farragut 345kV Voltage	Marcy South S.	158.6	327.8	341.3	3416
7385 >E	Ramapo 345kV Voltage	SBK Marcy R3108	193.8	327.8	330.1	5705
7566 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	184.3	327.8	329.6	7221
7825 >E	Goethals 345kV Voltage	Volney-Marcy	193.9	327.8	328.3	5535
7904 >E	Goethals 345kV Voltage	SBK Edic R70	197.6	327.8	327.9	7879
7922 >E	Goethals 345kV Voltage	Gordon Rd.-N.Scot 345	198.1	327.8	327.8	7922
7955 >E	Goethals 345kV Voltage	SBK Princetown 345	198.8	327.8	327.6	6628
7973 >E	Ladentown 345kV Voltage	SBK Marcy R3108	207.1	327.8	330.2	6092
8297 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	206.8	327.8	330.4	6306
8385 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	206.4	327.8	330.5	6364
8388 >E	Goethals 345kV Voltage	Marcy South S.	215.6	327.8	342.3	3424
8705 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	229.7	207	207.5	8285
8793 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	256.9	327.8	329.0	6633
8831 >E	Watercure 230kV Voltage	Gordon Rd.-N.Scot 345	234.1	207	207.0	8831
9862 >E	Farragut 345kV Voltage	Ph2 DC 1500	271.0	327.8	352.8	8217
9879 >E	Roseton 345kV Voltage	SBK Marcy R3108	272.8	327.8	327.4	7349
9897 >E	Rainey 345kV Voltage	Ph2 DC 1500	266.9	327.8	353.3	8242
10031 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	336.2	327.8	329.4	7449
10361 >E	Watercure 230kV Voltage	SBK Edic R70	292.9	207	200.5	10307
11570 >E	Goethals 345kV Voltage	Ph2 DC 1500	340.8	327.8	353.8	9449
11885 >E	Rainey 345kV Voltage	Marcy South N.	337.5	327.8	334.4	9288
12037 >E	Farragut 345kV Voltage	Marcy South N.	350.2	327.8	334.3	9383
12069 >E	Northport 138kV Voltage	Pre-Fault	1046.6	NA	135	12069

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
13019 >E	Northport 138kV Voltage	Ravenswood 3	818.1	131.1	134.1	12678
14741 >E	Gardenville 230kV Voltage	SBK Princetown 345	446.7	207	222.5	11935
14806 >E	Millwood 345kV Voltage	SBK Marcy R3108	606.1	327.8	328.6	10596
15322 >E	Goethals 345kV Voltage	Marcy South N.	482.0	327.8	334.2	11438
15364 >E	Northport 138kV Voltage	N.Scot-Leeds 345	985.1	131.1	131.9	14512
16037 >E	Northport 138kV Voltage	Volney-Marcy	1037.0	131.1	131.2	10066
16111 >E	Northport 138kV Voltage	SBK Edic R70	1043.8	131.1	131.1	15992
16151 >E	Northport 138kV Voltage	Gordon Rd.-N.Scot 345	1046.6	131.1	131.1	16151
16161 >E	Gardenville 230kV Voltage	Ravenswood 3	499.7	207	221.1	15684
16252 >E	Northport 138kV Voltage	SBK Princetown 345	1053.6	131.1	131.0	13117
17136 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	537.0	327.8	349.6	8819
17178 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	549.5	327.8	349.2	8839
20224 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	666.0	327.8	350.0	13195
20224 >E	Farragut 345kV Voltage	SBK Edic R945	666.0	327.8	350.0	13195
20285 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	655.1	327.8	350.6	13234
20285 >E	Rainey 345kV Voltage	SBK Edic R945	655.1	327.8	350.6	13234
20516 >E	Gardenville 230kV Voltage	Pre-Fault	1050.8	NA	217	20516
22479 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	762.2	327.8	352.1	11366
23406 >E	Northport 138kV Voltage	Ph2 DC 1500	1618.8	131.1	146.7	17992
27557 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	959.1	327.8	353.6	17889
27557	Goethals 345kV Voltage	SBK Edic R945	959.1	327.8	353.6	17889

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
27852	Sprain Brook 345kV Voltage	SBK Marcy R3108	1464.7	327.8	326.4	19193
>E						
30010	Gardenville 230kV Voltage	N.Scot-Leeds 345	1014.3	207	208.0	28207
>E						
31024	Gardenville 230kV Voltage	Gordon Rd.-N.Scot 345	1050.8	207	207.0	31024
>E						
33777	Northport 138kV Voltage	Marcy South S.	2434.8	131.1	138.7	3568
>E						
34731	Northport 138kV Voltage	Marcy South N.	2517.8	131.1	133.7	23575
>E						
35464	Dunwoodie 345kV Voltage	SBK Marcy R3108	1922.4	327.8	325.3	24210
>E						
43554	Gardenville 230kV Voltage	SBK Edic R70	1519.4	207	195.1	43122
>E						
84856	Somerset 345kV Voltage	Ph2 DC 1500	3844.8	327.8	1194.8	62345
>E						
99998	Gardenville 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Marcy R3108	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Ph2 DC 1500	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Marcy R3108	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Ph2 DC 1500	NA	218.5	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99999	Farragut 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99999
>E						
99999	Goethals 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99999
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Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

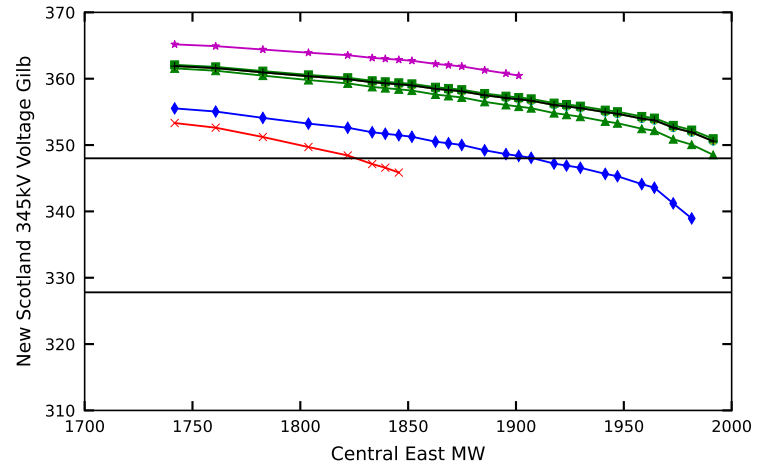
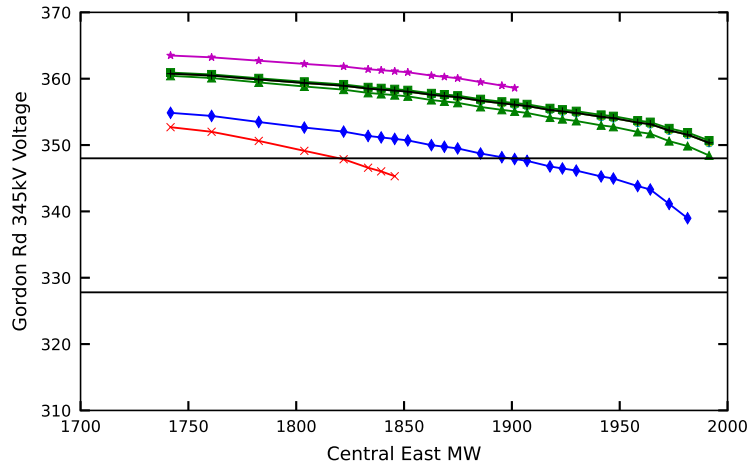
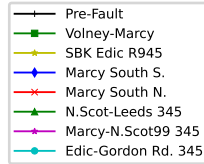
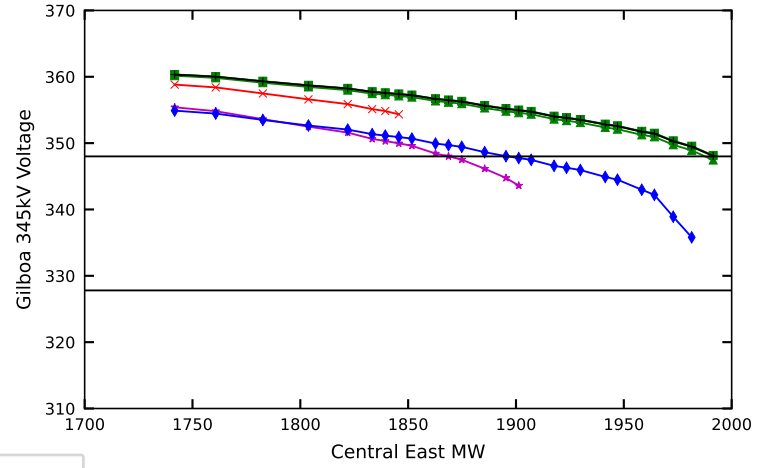
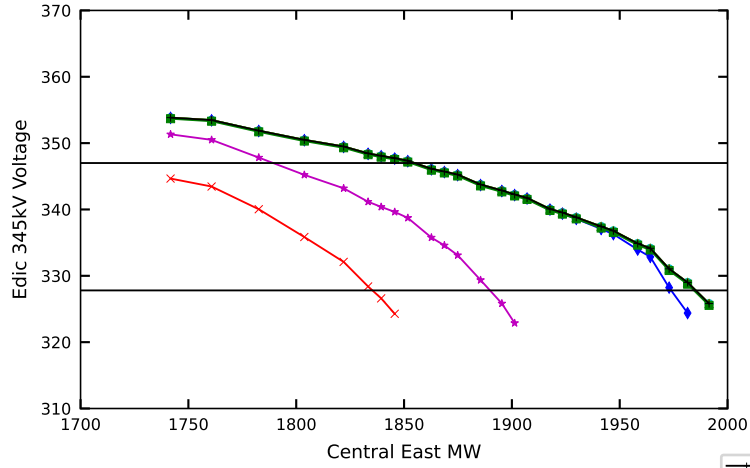
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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 3S

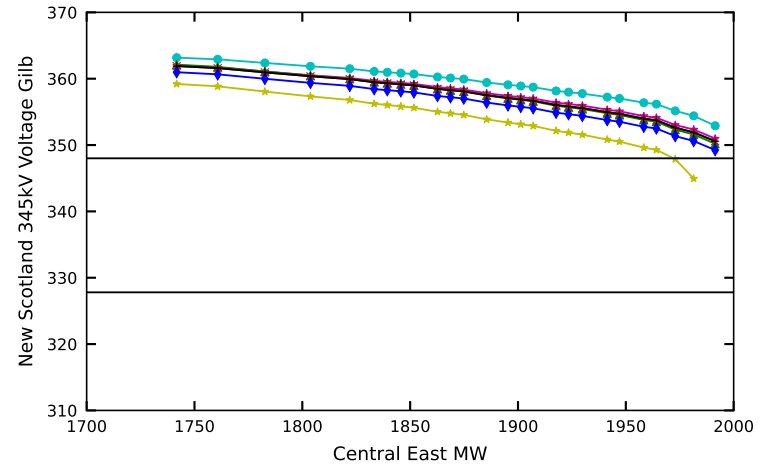
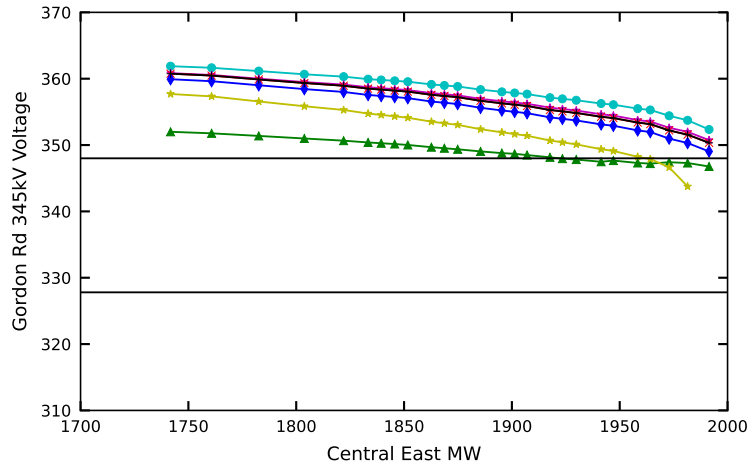
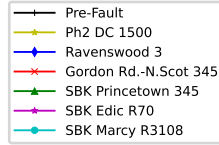
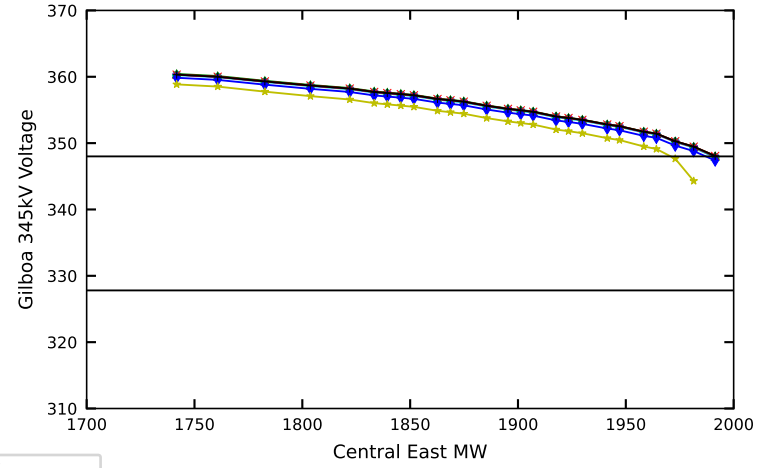
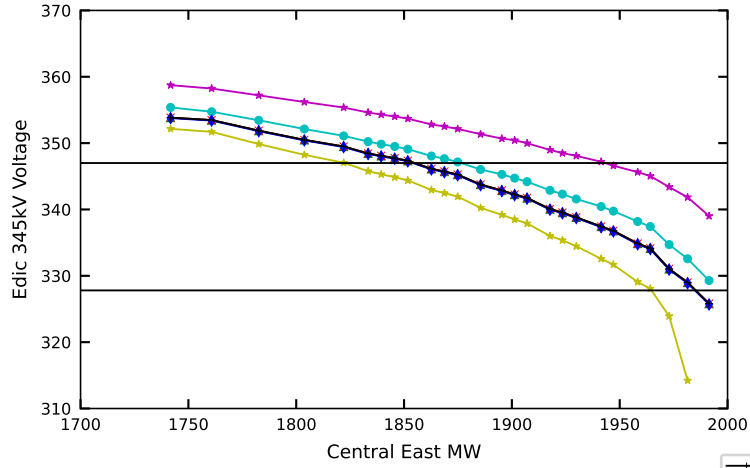
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				<-Post->	<-Pre->	
99999 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99999
99999 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99999
99999 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99999
99999 >E	Rainey 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

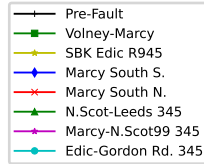
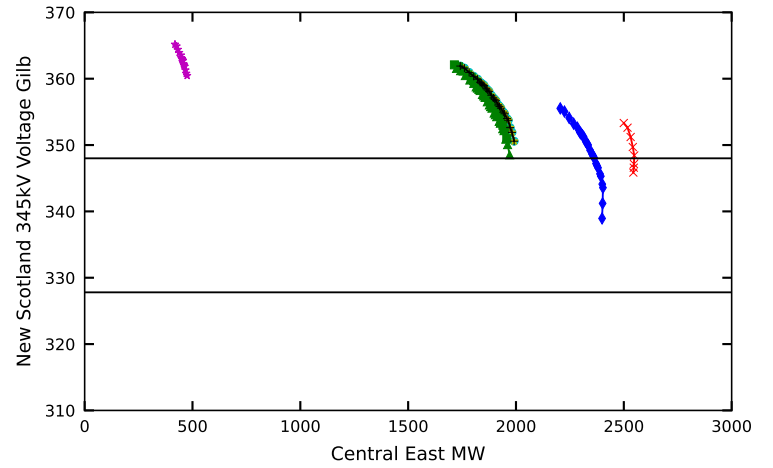
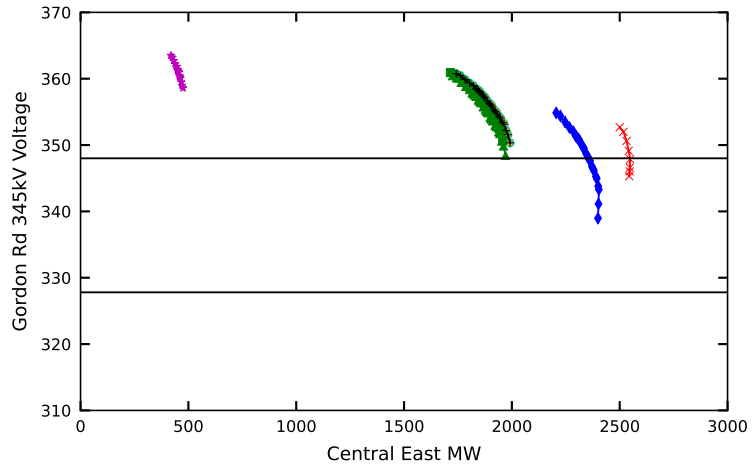
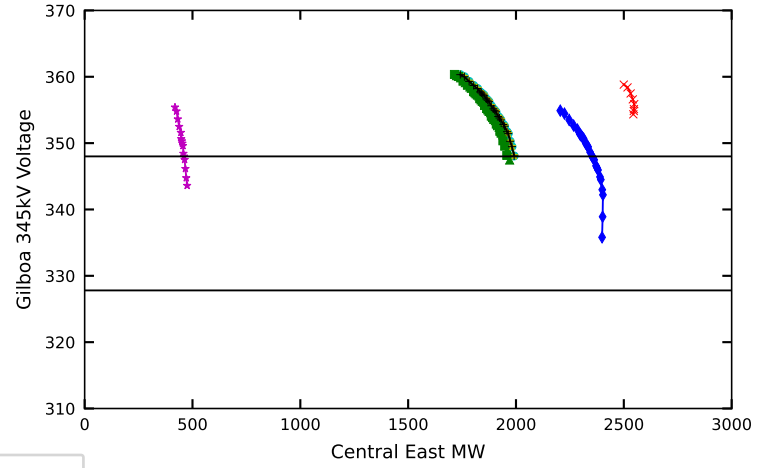
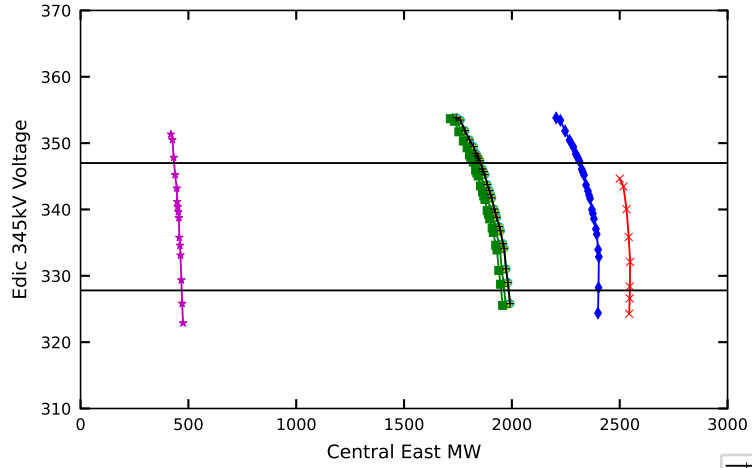
1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 05 Figure 1



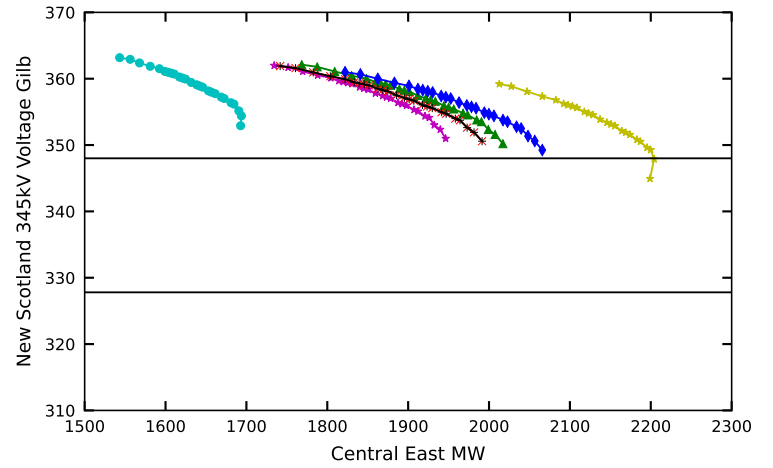
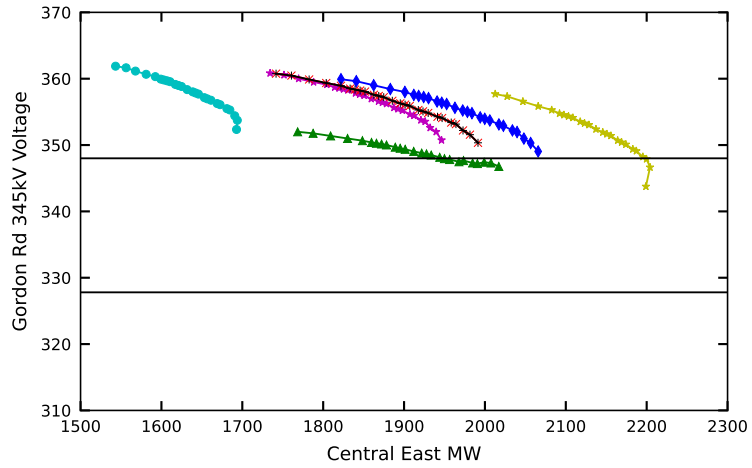
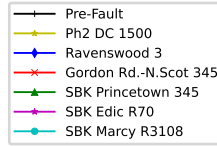
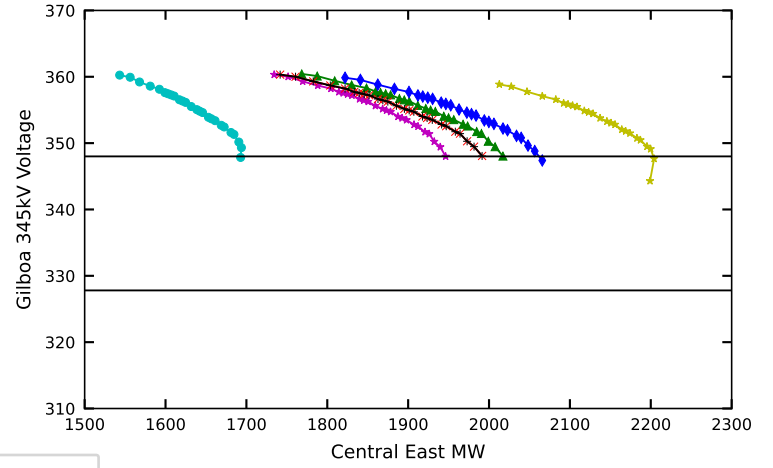
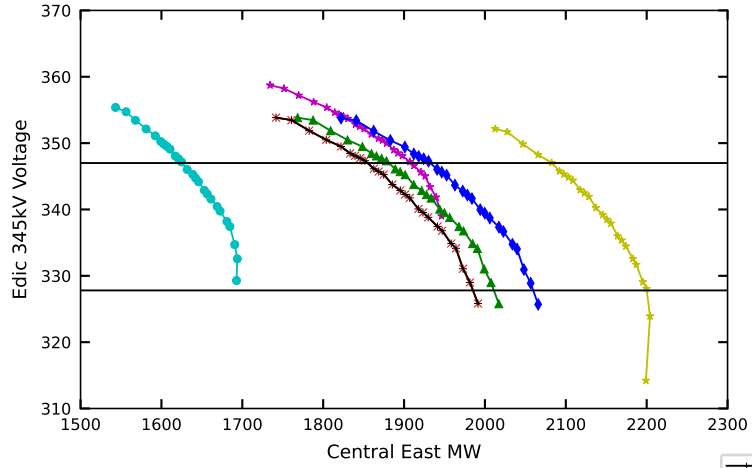
1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 05 Figure 2



1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 05 Figure 1



1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 3O 14 OS

Interface: Central East

Transfer		base	ce01	ce02	ce03	ce07	ce08	ce11	ce13	ce15	ce20	ce30	ce31	log09	log15
MW															
1741	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1760	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1782	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1803	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1821	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1833	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1839	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1845	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1851	t9	0	0	0	0	1	0	0	0	0	0	0	0	0	0
1862	t10	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1868	t11	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1874	t12	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1885	t13	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1895	t14	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1901	t15	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1907	t16	0	0	1	0	2	0	0	0	0	0	0	0	0	0
1917	t17	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1923	t18	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1929	t19	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1941	t20	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1947	t21	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1958	t22	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1964	t23	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1972	t24	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1981	t25	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1991	t26	0	0	2	0	2	2	0	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 3O 14 OS

Interface: Central East

N.Scot

345

log09) 0

Ravens

wood 3

log15) 0 2

Ph2 DC

1500

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1683 <E	Dunwoodie 345kV Voltage	Pre-Fault	89.9	NA	348	1683
1692 <E	Sprain Brook 345kV Voltage	Pre-Fault	89.9	NA	348	1692
1730	limit with 5% margin	Marcy South N.	NA	NA	NA	2420
1806	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	451
1823 >E	Oakdale 345kV Voltage	Marcy South N.	5.3	320	351.9	2548
1833	Marcy 345kV Voltage	Pre-Fault	16.4	NA	348	1833
1838 >E	Marcy 345kV Voltage	Marcy South N.	4.8	327.8	348.2	2554
1842 >E	Edic 345kV Voltage	Marcy South N.	4.9	327.8	348.3	2556
1844	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	8.6	327.8	348.2	452
1854	Edic 345kV Voltage	Pre-Fault	9.0	NA	347	1854
1857 >E	Clay 345kV Voltage	Marcy South N.	5.6	327.8	352.2	2561
1860	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.5	327.8	349.9	457
1865	limit with 5% margin	Marcy South S.	NA	NA	NA	2283
1874	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2093
1881	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.7	320	346.9	465
1882	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1609
1889	Edic 345kV Voltage	Marcy-N.Scot99 345	2.8	327.8	343.4	468
1891	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.8	327.8	342.7	469
1891	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1891
1891	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	1872
1891	limit with 5% margin	SBK Edic R945	NA	NA	NA	1891
1891	limit with 5% margin	Volney-Marcy	NA	NA	NA	1859
1891	limit with 5% margin	SBK Edic R70	NA	NA	NA	1849
1891	limit with 5% margin	SBK Prinetown 345	NA	NA	NA	1916
1891	limit with 5% margin	Gordon Rd.-N.Scot 345	NA	NA	NA	1891
1891	limit with 5% margin	Ravenswood 3	NA	NA	NA	1962
1907 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	2.5	327.8	348.2	479
1912 >E	Pannell Road 345kV Voltage	Marcy South N.	8.7	327.8	349.7	2581
1922 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	14.1	500	508.1	490
1929	Millwood 345kV Voltage	Pre-Fault	70.8	NA	348	1929
1933 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	346.8	497
1941	Pannell Road 345kV Voltage	Pre-Fault	10.3	NA	346	1941
1943	Clay 345kV Voltage	Pre-Fault	10.8	NA	345	1943
1944	Station 80 345kV Voltage	Pre-Fault	8.3	NA	346	1944
1948 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	346.3	507
1952 >E	Station 80 345kV Voltage	Marcy South N.	10.4	327.8	349.3	2596
1960	Buchanan North 345kV Voltage	Pre-Fault	70.5	NA	346	1960
1962	Marcy 345kV Voltage	Ph2 DC 1500	5.8	327.8	333.8	2198
1964	Edic 345kV Voltage	Ph2 DC 1500	2.1	327.8	334.0	2200
1965 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	6.3	218.5	226.7	519
1965	Fraser 345kV Voltage	Pre-Fault	3.5	NA	338	1965

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1966	Coopers Corners 345kV Voltage	Pre-Fault	4.8	NA	338	1966
1967	Oakdale 345kV Voltage	Pre-Fault	3.1	NA	335	1967
1976	Rock Tavern 345kV Voltage	Pre-Fault	13.2	NA	348	1976
1976 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	5.3	207	231.6	527
1979	Marcy 345kV Voltage	SBK Marcy R3108	2.5	327.8	328.8	1693
1979	Marcy 345kV Voltage	SBK Edic R70	4.1	327.8	328.7	1938
1981 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	5.1	327.8	351.8	531
1983	Marcy 345kV Voltage	N.Scot-Leeds 345	3.1	327.8	327.8	1962
1983	Marcy 345kV Voltage	SBK Edic R945	3.1	327.8	327.8	1983
1983	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.1	327.8	327.8	1983
1983	Marcy 345kV Voltage	Volney-Marcy	3.1	327.8	327.8	1949
1983	Marcy 345kV Voltage	SBK Princetown 345	3.1	327.8	327.8	2009
1983	Marcy 345kV Voltage	Gordon Rd.-N.Scot 345	3.1	327.8	327.8	1983
1983	Marcy 345kV Voltage	Ravenswood 3	3.1	327.8	327.8	2058
1984	Edic 345kV Voltage	Volney-Marcy	3.1	327.8	328.1	1950
1984	Edic 345kV Voltage	Ravenswood 3	3.1	327.8	327.9	2059
1985	Edic 345kV Voltage	SBK Princetown 345	3.1	327.8	327.8	2011
1985	Edic 345kV Voltage	N.Scot-Leeds 345	3.1	327.8	327.8	1964
1985	Edic 345kV Voltage	SBK Edic R945	3.1	327.8	327.8	1985
1985	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.1	327.8	327.8	1985
1985	Edic 345kV Voltage	Gordon Rd.-N.Scot 345	3.1	327.8	327.8	1985
1988 >E	Marcy 345kV Voltage	Marcy South S.	5.3	327.8	330.5	2416
1990 >E	Oakdale 345kV Voltage	Ph2 DC 1500	2.4	320	327.5	2212
1991 >E	Edic 345kV Voltage	Marcy South S.	5.3	327.8	330.8	2418
1991 >E	Fraser 345kV Voltage	Ph2 DC 1500	2.6	327.8	330.8	2213
1991 >E	Gilboa 345kV Voltage	Pre-Fault	7.1	NA	348	1991
1991 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	3.5	327.8	332.7	2213
1994 >E	Coopers Corners 345kV Voltage	Ravenswood 3	3.8	327.8	331.9	2069
1995 >E	Clay 345kV Voltage	Ph2 DC 1500	2.9	327.8	334.7	2215
1999 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	347.9	543
2000 >E	Edic 345kV Voltage	SBK Marcy R3108	4.0	327.8	324.4	1700
2002 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	327.8	2002
2002 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	327.8	1981
2002 >E	Fraser 345kV Voltage	Volney-Marcy	3.3	327.8	327.8	1968
2002 >E	Fraser 345kV Voltage	SBK Edic R70	3.3	327.8	327.8	1953
2002 >E	Fraser 345kV Voltage	SBK Princetown 345	3.3	327.8	327.8	2027
2002 >E	Fraser 345kV Voltage	Gordon Rd.-N.Scot 345	3.3	327.8	327.8	2002
2002 >E	Fraser 345kV Voltage	Ravenswood 3	3.3	327.8	327.8	2076
2002 >E	Fraser 345kV Voltage	SBK Edic R945	3.3	327.8	327.8	2002
2005 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.7	320	325.4	1702
2007 >E	Oakdale 345kV Voltage	Volney-Marcy	2.7	320	321.8	1972

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2008 >E	Oakdale 345kV Voltage	Ravenswood 3	2.7	320	321.4	2081
2009 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	328.3	1987
2010 >E	Gordon Rd 345kV Voltage	Pre-Fault	8.1	NA	348	2010
2010 >E	New Scotland 345kV Voltage Alps	Pre-Fault	7.5	NA	348	2010
2010 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	7.5	NA	348	2010
2010 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	3.9	327.8	327.9	2036
2011 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.0	327.8	327.8	2011
2011 >E	Coopers Corners 345kV Voltage	Gordon Rd.-N.Scot 345	4.0	327.8	327.8	2011
2011 >E	Coopers Corners 345kV Voltage	SBK Edic R945	4.0	327.8	327.8	2011
2011 >E	Fraser 345kV Voltage	SBK Marcy R3108	4.7	327.8	327.8	1704
2012 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.8	320	320.1	1990
2012 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.8	320	320.1	2037
2012 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.8	320	320.0	2012
2012 >E	Oakdale 345kV Voltage	SBK Edic R945	2.8	320	320.0	2012
2012 >E	Oakdale 345kV Voltage	Gordon Rd.-N.Scot 345	2.8	320	320.0	2012
2012 >E	Ramapo 500kV Voltage	Ph2 DC 1500	19.0	500	506.2	2223
2012 >E	Buchanan South 345kV Voltage	Pre-Fault	15.1	NA	346	2012
2012 >E	Coopers Corners 345kV Voltage	SBK Edic R70	3.9	327.8	327.4	1960
2015 >E	Coopers Corners 345kV Voltage	Volney-Marcy	4.2	327.8	326.7	1980
2016 >E	Fraser 345kV Voltage	Marcy South S.	5.1	327.8	332.7	2432
2017 >E	St.Lawrence 230kV Voltage	Pre-Fault	12.3	NA	225	2017
2018 >E	Oakdale 345kV Voltage	SBK Edic R70	2.8	320	317.9	1964
2021 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	6.1	218.5	221.9	2228
2022 >E	Watercure 230kV Voltage	Marcy South N.	13.4	207	231.5	2622
2022 >E	Clay 345kV Voltage	Volney-Marcy	4.1	327.8	328.7	1987
2024 >E	Clay 345kV Voltage	Ravenswood 3	4.0	327.8	328.2	2096
2026 >E	Clay 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	327.9	2003
2026 >E	Clay 345kV Voltage	SBK Princetown 345	4.1	327.8	327.8	2051
2026 >E	Ramapo 500kV Voltage	Ravenswood 3	22.7	500	505.2	2098
2026 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.1	327.8	327.8	2026
2026 >E	Clay 345kV Voltage	SBK Edic R945	4.1	327.8	327.8	2026
2026 >E	Clay 345kV Voltage	Gordon Rd.-N.Scot 345	4.1	327.8	327.8	2026
2028 >E	Ramapo 345kV Voltage	Pre-Fault	13.8	NA	346	2028
2030 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	4.8	327.8	333.8	2232
2030 >E	Pleasant Valley 345kV Voltage	Pre-Fault	15.7	NA	348	2030
2030 >E	Edic 345kV Voltage	SBK Edic R70	3.5	327.8	313.2	1972
2031 >E	Clay 345kV Voltage	SBK Marcy R3108	4.7	327.8	328.8	1712
2038 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	8.5	218.5	225.3	1714
2049 >E	Clay 345kV Voltage	Marcy South S.	6.6	327.8	334.1	2450
2050 >E	Oakdale 345kV Voltage	Marcy South S.	6.2	320	327.8	2451
2050 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	6.1	327.8	324.6	1719

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2051 >E	Ladentown 345kV Voltage	Pre-Fault	14.2	NA	346	2051
2052 >E	Station 80 345kV Voltage	Ph2 DC 1500	6.1	327.8	334.0	2243
2054 >E	Clay 345kV Voltage	SBK Edic R70	4.3	327.8	321.0	1988
2062 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	6.1	327.8	329.4	1723
2063 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	7.9	327.8	350.0	587
2068 >E	Niagara 230kV East Voltage	Pre-Fault	10.9	NA	225	2068
2068 >E	Niagara 230kV West Voltage	Pre-Fault	10.9	NA	225	2068
2070 >E	Pannell Road 345kV Voltage	Volney-Marcy	6.6	327.8	328.4	2033
2070 >E	Pannell Road 345kV Voltage	Ravenswood 3	6.5	327.8	328.3	2139
2071 >E	St.Lawrence 230kV Voltage	SBK Edic R70	9.8	218.5	220.6	1999
2073 >E	Gilboa 345kV Voltage	Marcy South S.	7.6	327.8	346.0	2464
2073 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	6.6	327.8	327.9	2049
2073 >E	Pannell Road 345kV Voltage	SBK Princetown 345	6.6	327.8	327.8	2097
2074 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	6.6	327.8	327.8	2074
2074 >E	Pannell Road 345kV Voltage	SBK Edic R945	6.6	327.8	327.8	2074
2074 >E	Pannell Road 345kV Voltage	Gordon Rd.-N.Scot 345	6.6	327.8	327.8	2074
2078 >E	Station 80 345kV Voltage	SBK Marcy R3108	6.7	327.8	329.2	1729
2087 >E	St.Lawrence 230kV Voltage	Ravenswood 3	11.6	218.5	219.3	2155
2088 >E	Bowline 1 345kV Voltage	Pre-Fault	14.2	NA	345	2088
2088 >E	Roseton 345kV Voltage	Pre-Fault	14.3	NA	345	2088
2088 >E	St.Lawrence 230kV Voltage	Volney-Marcy	11.7	218.5	219.2	2052
2091 >E	Gilboa 345kV Voltage	Ph2 DC 1500	6.0	327.8	334.7	2262
2094 >E	Bowline 2 345kV Voltage	Pre-Fault	14.1	NA	345	2094
2096 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	12.2	218.5	218.5	2119
2097 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	12.3	218.5	218.5	2097
2097 >E	St.Lawrence 230kV Voltage	SBK Edic R945	12.3	218.5	218.5	2097
2097 >E	St.Lawrence 230kV Voltage	Gordon Rd.-N.Scot 345	12.3	218.5	218.5	2097
2097 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	12.3	218.5	218.5	2072
2100 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	6.3	327.8	336.4	2267
2100 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	6.3	327.8	336.4	2267
2100 >E	Rock Tavern 345kV Voltage	Ravenswood 3	7.6	327.8	332.8	2167
2103 >E	Pannell Road 345kV Voltage	SBK Edic R70	7.0	327.8	323.4	2021
2103 >E	Station 80 345kV Voltage	Ravenswood 3	8.4	327.8	328.5	2169
2104 >E	Pannell Road 345kV Voltage	Marcy South S.	9.4	327.8	334.2	2481
2104 >E	Station 80 345kV Voltage	Volney-Marcy	8.5	327.8	328.3	2067
2105 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.0	327.8	337.8	2269
2108 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	8.5	327.8	327.9	2082
2108 >E	Station 80 345kV Voltage	SBK Princetown 345	8.5	327.8	327.8	2131
2108 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	8.5	327.8	327.8	2108
2108 >E	Station 80 345kV Voltage	SBK Edic R945	8.5	327.8	327.8	2108
2108 >E	Station 80 345kV Voltage	Gordon Rd.-N.Scot 345	8.5	327.8	327.8	2108

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2110 >E	Gordon Rd 345kV Voltage	Marcy South N.	14.4	327.8	352.4	2654
2118 >E	New Scotland 345kV Voltage Alps	Marcy South N.	14.4	327.8	352.9	2658
2118 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	14.4	327.8	352.9	2658
2120 >E	Dunwoodie 345kV Voltage	Ravenswood 3	14.4	327.8	335.5	2185
2122 >E	Sprain Brook 345kV Voltage	Ravenswood 3	14.5	327.8	335.5	2187
2125 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	329.2	2099
2125 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	6.5	327.8	332.6	2099
2125 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	6.5	327.8	332.6	2099
2128 >E	Gilboa 345kV Voltage	Ravenswood 3	7.0	327.8	328.7	2193
2129 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	8.2	327.8	335.1	2281
2132 >E	Gilboa 345kV Voltage	SBK Edic R70	7.0	327.8	328.2	2040
2133 >E	Gilboa 345kV Voltage	SBK Princetown 345	7.0	327.8	328.0	2155
2134 >E	St.Lawrence 230kV Voltage	Marcy South N.	25.1	218.5	230.5	2663
2134 >E	Niagara 230kV East Voltage	Ravenswood 3	10.7	218.5	218.9	2198
2134 >E	Niagara 230kV West Voltage	Ravenswood 3	10.7	218.5	218.9	2198
2135 >E	New Scotland 345kV Voltage Alps	Marcy South S.	10.9	327.8	346.4	2498
2135 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	10.9	327.8	346.4	2498
2135 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	7.8	327.8	328.5	2108
2135 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	7.1	327.8	327.8	2135
2135 >E	Gilboa 345kV Voltage	SBK Edic R945	7.1	327.8	327.8	2135
2135 >E	Gilboa 345kV Voltage	Gordon Rd.-N.Scot 345	7.1	327.8	327.8	2135
2136 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	7.0	327.8	332.6	2109
2136 >E	Gilboa 345kV Voltage	Volney-Marcy	7.1	327.8	327.6	2098
2137 >E	Station 80 345kV Voltage	Marcy South S.	11.0	327.8	334.0	2500
2137 >E	Buchanan North 345kV Voltage	Ravenswood 3	13.4	327.8	334.7	2202
2138 >E	Niagara 230kV East Voltage	Volney-Marcy	10.8	218.5	218.6	2099
2138 >E	Niagara 230kV West Voltage	Volney-Marcy	10.8	218.5	218.6	2099
2138 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	10.9	218.5	218.5	2111
2138 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	10.9	218.5	218.5	2111
2138 >E	Niagara 230kV East Voltage	SBK Princetown 345	10.9	218.5	218.5	2160
2138 >E	Niagara 230kV West Voltage	SBK Princetown 345	10.9	218.5	218.5	2160
2138 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	8.0	327.8	328.1	2160
2138 >E	Niagara 230kV East Voltage	SBK Edic R945	10.9	218.5	218.5	2138
2138 >E	Niagara 230kV West Voltage	SBK Edic R945	10.9	218.5	218.5	2138
2138 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	10.9	218.5	218.5	2138
2138 >E	Niagara 230kV East Voltage	Gordon Rd.-N.Scot 345	10.9	218.5	218.5	2138
2138 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	10.9	218.5	218.5	2138
2138 >E	Niagara 230kV West Voltage	Gordon Rd.-N.Scot 345	10.9	218.5	218.5	2138
2139 >E	Gordon Rd 345kV Voltage	Marcy South S.	11.3	327.8	346.2	2501
2141 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	327.8	2141
2141 >E	Rock Tavern 345kV Voltage	Gordon Rd.-N.Scot 345	8.1	327.8	327.8	2141

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2141 >E	Rock Tavern 345kV Voltage	SBK Edic R945	8.1	327.8	327.8	2141
2141 >E	Leeds 345kV Voltage	Pre-Fault	13.4	NA	345	2141
2144 >E	Station 80 345kV Voltage	SBK Edic R70	9.3	327.8	323.6	2048
2144 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	23.6	500	500.4	2117
2145 >E	Rock Tavern 345kV Voltage	SBK Edic R70	8.2	327.8	327.3	2049
2147 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	7.3	327.8	329.7	2211
2147 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	7.3	327.8	329.7	2211
2149 >E	Ramapo 500kV Voltage	SBK Princetown 345	24.3	500	500.2	2171
2152 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	7.2	327.8	329.1	2173
2152 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	7.2	327.8	329.1	2173
2154 >E	Ramapo 500kV Voltage	SBK Edic R945	24.6	500	500.0	2155
2154 >E	Ramapo 500kV Voltage	Pre-Fault	24.6	NA	500	2154
2154 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	24.6	500	500.0	2154
2154 >E	Ramapo 500kV Voltage	Gordon Rd.-N.Scot 345	24.6	500	500.0	2154
2155 >E	Ramapo 500kV Voltage	SBK Edic R70	24.6	500	500.0	2056
2156 >E	Niagara 230kV East Voltage	SBK Edic R70	11.8	218.5	216.9	2056
2156 >E	Niagara 230kV West Voltage	SBK Edic R70	11.8	218.5	216.9	2056
2157 >E	Rock Tavern 345kV Voltage	Volney-Marcy	8.7	327.8	325.8	2118
2158 >E	Gordon Rd 345kV Voltage	Ravenswood 3	7.9	327.8	329.8	2221
2160 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	7.3	327.8	328.0	2059
2160 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	7.3	327.8	328.0	2059
2161 >E	Millwood 345kV Voltage	Ravenswood 3	14.1	327.8	335.2	2224
2161 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	7.5	327.8	327.8	2161
2161 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	7.5	327.8	327.8	2161
2161 >E	New Scotland 345kV Voltage Alps	Gordon Rd.-N.Scot 345	7.5	327.8	327.8	2161
2161 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	7.5	327.8	327.8	2161
2161 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	7.5	327.8	327.8	2161
2161 >E	New Scotland 345kV Voltage Gilb	Gordon Rd.-N.Scot 345	7.5	327.8	327.8	2161
2167 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	14.7	327.8	347.5	659
2167 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	7.6	327.8	327.1	2128
2167 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	7.6	327.8	327.1	2128
2167 >E	Ramapo 500kV Voltage	Volney-Marcy	26.6	500	499.5	2128
2172 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	17.8	327.8	343.5	662
2173 >E	Gordon Rd 345kV Voltage	SBK Edic R70	8.0	327.8	327.9	2068
2174 >E	Gordon Rd 345kV Voltage	SBK Edic R945	8.1	327.8	327.8	2174
2174 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	327.8	2174
2174 >E	Gordon Rd 345kV Voltage	Gordon Rd.-N.Scot 345	8.1	327.8	327.8	2174
2178 >E	Buchanan South 345kV Voltage	Ravenswood 3	13.7	327.8	335.0	2240
2180 >E	Gordon Rd 345kV Voltage	Volney-Marcy	8.3	327.8	327.1	2141
2196 >E	Ramapo 345kV Voltage	Ravenswood 3	12.8	327.8	333.9	2256
2199 >E	Gilboa 345kV Voltage	SBK Marcy R3108	10.1	327.8	328.8	1774

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2214 >E	Ladentown 345kV Voltage	Ravenswood 3	13.0	327.8	334.5	2273
2219 >E	Somerset 345kV Voltage	Marcy South N.	18.5	327.8	352.2	2695
2227 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	16.0	327.8	348.6	700
2228 >E	Somerset 345kV Voltage	Ph2 DC 1500	11.5	327.8	336.2	2330
2228 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	15.6	327.8	334.1	2330
2229 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	14.3	327.8	328.4	2199
2234 >E	Buchanan North 345kV Voltage	SBK Princetown 345	14.6	327.8	328.1	2253
2235 >E	Bowline 1 345kV Voltage	Ravenswood 3	13.0	327.8	334.6	2292
2236 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	15.8	327.8	328.3	2205
2238 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	15.9	327.8	328.4	2207
2239 >E	Buchanan North 345kV Voltage	SBK Edic R945	14.8	327.8	327.8	2239
2239 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	14.8	327.8	327.8	2239
2239 >E	Buchanan North 345kV Voltage	Gordon Rd.-N.Scot 345	14.8	327.8	327.8	2239
2240 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	16.1	327.8	328.1	2258
2240 >E	Bowline 2 345kV Voltage	Ravenswood 3	13.0	327.8	334.7	2298
2242 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	16.2	327.8	328.1	2261
2244 >E	Buchanan North 345kV Voltage	SBK Edic R70	15.0	327.8	327.5	2115
2245 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	16.3	327.8	327.8	2245
2245 >E	Dunwoodie 345kV Voltage	SBK Edic R945	16.3	327.8	327.8	2245
2245 >E	Dunwoodie 345kV Voltage	Gordon Rd.-N.Scot 345	16.3	327.8	327.8	2245
2245 >E	Ramapo 500kV Voltage	SBK Marcy R3108	37.9	500	501.6	1791
2246 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	12.4	327.8	327.4	1792
2247 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	16.4	327.8	327.8	2247
2247 >E	Sprain Brook 345kV Voltage	Gordon Rd.-N.Scot 345	16.4	327.8	327.8	2247
2247 >E	Sprain Brook 345kV Voltage	SBK Edic R945	16.4	327.8	327.8	2247
2249 >E	Dunwoodie 345kV Voltage	SBK Edic R70	16.5	327.8	327.5	2119
2251 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	16.0	327.8	349.9	716
2252 >E	Sprain Brook 345kV Voltage	SBK Edic R70	16.6	327.8	327.5	2121
2256 >E	Ramapo 345kV Voltage	Ph2 DC 1500	13.9	327.8	335.8	2344
2258 >E	Buchanan North 345kV Voltage	Volney-Marcy	15.7	327.8	326.5	2216
2258 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	16.0	327.8	350.7	722
2260 >E	Dunwoodie 345kV Voltage	Volney-Marcy	17.0	327.8	326.9	2218
2263 >E	Sprain Brook 345kV Voltage	Volney-Marcy	17.1	327.8	326.9	2221
2265 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	15.2	327.8	328.5	2233
2269 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	13.4	327.8	328.6	2237
2271 >E	Millwood 345kV Voltage	SBK Princetown 345	15.5	327.8	328.2	2289
2273 >E	Roseton 345kV Voltage	Ravenswood 3	13.4	327.8	332.0	2328
2275 >E	Ramapo 345kV Voltage	SBK Princetown 345	13.7	327.8	328.2	2293
2276 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	14.6	327.8	328.6	2243
2277 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	15.7	327.8	327.8	2277
2277 >E	Millwood 345kV Voltage	Gordon Rd.-N.Scot 345	15.7	327.8	327.8	2277

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2277 >E	Millwood 345kV Voltage	SBK Edic R945	15.7	327.8	327.8	2277
2280 >E	Ramapo 345kV Voltage	SBK Edic R945	13.8	327.8	327.8	2280
2280 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	13.8	327.8	327.8	2280
2280 >E	Ramapo 345kV Voltage	Gordon Rd.-N.Scot 345	13.8	327.8	327.8	2280
2281 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	14.8	327.8	332.0	2335
2282 >E	Buchanan South 345kV Voltage	SBK Princetown 345	15.0	327.8	328.2	2299
2282 >E	Millwood 345kV Voltage	SBK Edic R70	15.9	327.8	327.4	2141
2284 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	11.4	327.8	326.7	1806
2284 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	11.4	327.8	326.7	1806
2286 >E	Ramapo 345kV Voltage	SBK Edic R70	14.1	327.8	327.4	2143
2288 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	15.1	327.8	327.8	2288
2288 >E	Buchanan South 345kV Voltage	SBK Edic R945	15.1	327.8	327.8	2288
2288 >E	Buchanan South 345kV Voltage	Gordon Rd.-N.Scot 345	15.1	327.8	327.8	2288
2291 >E	Ladentown 345kV Voltage	Ph2 DC 1500	14.4	327.8	336.0	2361
2293 >E	Buchanan South 345kV Voltage	SBK Edic R70	15.3	327.8	327.4	2148
2296 >E	Millwood 345kV Voltage	Volney-Marcy	16.5	327.8	326.6	2253
2297 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	328.6	2263
2297 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	16.3	327.8	333.8	2364
2298 >E	Fraser 345kV Voltage	Marcy South N.	19.0	327.8	327.8	2724
2303 >E	Ladentown 345kV Voltage	SBK Princetown 345	14.0	327.8	328.2	2321
2304 >E	Ramapo 345kV Voltage	Volney-Marcy	14.8	327.8	326.0	2262
2305 >E	Somerset 345kV Voltage	SBK Marcy R3108	13.5	327.8	329.4	1813
2305 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	20.9	327.8	345.0	754
2306 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	12.5	327.8	327.3	1814
2306 >E	Millwood 345kV Voltage	Ph2 DC 1500	17.6	327.8	332.6	2369
2306 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	29.0	218.5	232.1	755
2306 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	29.0	218.5	232.1	755
2308 >E	Buchanan South 345kV Voltage	Volney-Marcy	16.0	327.8	326.4	2265
2309 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	14.2	327.8	327.8	2309
2309 >E	Ladentown 345kV Voltage	Gordon Rd.-N.Scot 345	14.2	327.8	327.8	2309
2309 >E	Ladentown 345kV Voltage	SBK Edic R945	14.2	327.8	327.8	2309
2313 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	14.4	327.8	336.5	2372
2315 >E	Ladentown 345kV Voltage	SBK Edic R70	14.4	327.8	327.3	2163
2316 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	15.0	327.8	353.7	762
2316 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	20.8	327.8	331.7	2374
2319 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	328.7	2284
2319 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	21.0	327.8	331.6	2375
2319 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	14.3	327.8	336.6	2375
2321 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	13.8	327.8	328.6	2286
2322 >E	St.Lawrence 230kV Voltage	Marcy South S.	31.5	218.5	222.1	2603
2325 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	328.7	2290

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2326 >E	Bowline 1 345kV Voltage	SBK Princetown 345	14.0	327.8	328.2	2342
2327 >E	Roseton 345kV Voltage	SBK Princetown 345	14.1	327.8	328.2	2344
2328 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	15.0	327.8	329.0	2293
2331 >E	Bowline 1 345kV Voltage	SBK Edic R945	14.2	327.8	327.8	2331
2331 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	14.2	327.8	327.8	2331
2331 >E	Bowline 1 345kV Voltage	Gordon Rd.-N.Scot 345	14.2	327.8	327.8	2331
2332 >E	Bowline 2 345kV Voltage	SBK Princetown 345	14.0	327.8	328.2	2348
2333 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	14.3	327.8	327.8	2333
2333 >E	Roseton 345kV Voltage	Gordon Rd.-N.Scot 345	14.3	327.8	327.8	2333
2333 >E	Roseton 345kV Voltage	SBK Edic R945	14.3	327.8	327.8	2333
2334 >E	Ladentown 345kV Voltage	Volney-Marcy	15.1	327.8	326.0	2290
2338 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	14.1	327.8	327.8	2338
2338 >E	Bowline 2 345kV Voltage	Gordon Rd.-N.Scot 345	14.1	327.8	327.8	2338
2338 >E	Bowline 2 345kV Voltage	SBK Edic R945	14.1	327.8	327.8	2338
2338 >E	Bowline 1 345kV Voltage	SBK Edic R70	14.4	327.8	327.3	2178
2338 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	15.5	327.8	328.4	2354
2339 >E	Roseton 345kV Voltage	SBK Edic R70	14.4	327.8	327.4	2179
2343 >E	Roseton 345kV Voltage	Ph2 DC 1500	15.0	327.8	334.0	2387
2344 >E	Bowline 2 345kV Voltage	SBK Edic R70	14.4	327.8	327.3	2182
2347 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	15.7	327.8	327.8	2347
2347 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	15.7	327.8	327.8	2347
2347 >E	Pleasant Valley 345kV Voltage	Gordon Rd.-N.Scot 345	15.7	327.8	327.8	2347
2347 >E	Ramapo 500kV Voltage	Marcy South N.	64.5	500	505.3	2742
2351 >E	Gordon Rd 345kV Voltage	SBK Princetown 345	19.0	327.8	306.1	2367
2352 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	15.8	327.8	327.5	2187
2355 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	19.0	327.8	346.9	789
2356 >E	Roseton 345kV Voltage	Volney-Marcy	15.1	327.8	326.2	2312
2357 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	16.3	327.8	331.8	2394
2358 >E	Bowline 1 345kV Voltage	Volney-Marcy	15.1	327.8	325.9	2314
2362 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	19.3	207	230.6	794
2364 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	16.3	327.8	326.8	2319
2365 >E	Bowline 2 345kV Voltage	Volney-Marcy	15.1	327.8	325.9	2320
2371 >E	Leeds 345kV Voltage	SBK Edic R70	13.4	327.8	327.8	2200
2371 >E	Leeds 345kV Voltage	SBK Princetown 345	13.4	327.8	327.8	2386
2371 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	13.4	327.8	327.8	2334
2371 >E	Leeds 345kV Voltage	SBK Edic R945	13.4	327.8	327.8	2371
2371 >E	Leeds 345kV Voltage	Volney-Marcy	13.4	327.8	327.8	2326
2371 >E	Leeds 345kV Voltage	Ravenswood 3	13.4	327.8	327.8	2419
2371 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	13.4	327.8	327.8	2371
2371 >E	Leeds 345kV Voltage	Gordon Rd.-N.Scot 345	13.4	327.8	327.8	2371
2373 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	24.8	327.8	343.1	801

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2378 >E	Watercure 230kV Voltage	Marcy South S.	16.7	207	218.0	2634
2396 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	16.1	327.8	339.4	817
2402 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	30.0	327.8	340.8	821
2408 >E	Leeds 345kV Voltage	Ph2 DC 1500	14.7	327.8	327.8	2419
2412 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	30.7	327.8	340.7	828
2419 >E	Ramapo 500kV Voltage	Marcy South S.	59.8	500	500.2	2657
2459 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	17.1	327.8	336.9	860
2459 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	17.1	327.8	336.9	860
2463 >E	Somerset 345kV Voltage	Marcy South S.	20.8	327.8	336.7	2682
2464 >E	Leeds 345kV Voltage	Marcy South S.	19.3	327.8	346.6	2682
2470 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	26.8	327.8	328.2	1875
2520 >E	Ramapo 345kV Voltage	SBK Marcy R3108	24.0	327.8	328.7	1893
2535 >E	Gilboa 345kV Voltage	Marcy South N.	25.4	327.8	340.0	2812
2574 >E	Millwood 345kV Voltage	SBK Marcy R3108	30.0	327.8	327.6	1913
2575 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	28.1	327.8	328.0	1913
2577 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	34.8	327.8	327.5	1914
2579 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	35.2	327.8	327.5	1915
2583 >E	Ladentown 345kV Voltage	SBK Marcy R3108	25.0	327.8	328.7	1916
2602 >E	Watercure 230kV Voltage	SBK Marcy R3108	26.3	207	215.1	1924
2602 >E	Niagara 230kV East Voltage	Ph2 DC 1500	45.6	218.5	224.9	2516
2602 >E	Niagara 230kV West Voltage	Ph2 DC 1500	45.6	218.5	224.9	2516
2612 >E	Roseton 345kV Voltage	SBK Marcy R3108	24.7	327.8	328.0	1927
2619 >E	Niagara 345kV Voltage	Ph2 DC 1500	22.4	327.8	338.8	2524
2623 >E	Leeds 345kV Voltage	SBK Marcy R3108	22.0	327.8	327.8	1932
2624 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	25.1	327.8	328.8	1932
2634 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	25.0	327.8	328.9	1936
2665 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	28.2	327.8	327.4	1947
2731 >E	Rainey 345kV Voltage	Ravenswood 3	37.1	327.8	340.5	2754
2757 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	33.0	327.8	341.5	1067
2780 >E	Farragut 345kV Voltage	Ravenswood 3	39.3	327.8	339.7	2800
2806 >E	Niagara 230kV East Voltage	Marcy South N.	69.1	218.5	232.7	2912
2806 >E	Niagara 230kV West Voltage	Marcy South N.	69.1	218.5	232.7	2912
2820 >E	Niagara 345kV Voltage	Marcy South N.	35.5	327.8	355.3	2918
2836 >E	Gardenville 230kV Voltage	Marcy South N.	42.7	207	230.5	2923
2869 >E	Rainey 345kV Voltage	Pre-Fault	54.7	NA	338	2869
2875 >E	Niagara 345kV Voltage	SBK Marcy R3108	29.4	327.8	329.8	2025
2879 >E	Farragut 345kV Voltage	Pre-Fault	57.2	NA	338	2879
2923 >E	Pleasant Valley 345kV Voltage	Marcy South S.	44.7	327.8	338.1	2938
2929 >E	Leeds 345kV Voltage	Marcy South N.	35.3	327.8	347.7	2958
2975 >E	Watercure 230kV Voltage	Ph2 DC 1500	44.7	207	251.2	2700
2995 >E	Gardenville 230kV Voltage	Ph2 DC 1500	39.3	207	218.2	2710

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3013 >E	Niagara 230kV East Voltage	SBK Marcy R3108	70.9	218.5	219.6	2076
3013 >E	Niagara 230kV West Voltage	SBK Marcy R3108	70.9	218.5	219.6	2076
3135 >E	Goethals 345kV Voltage	Ravenswood 3	53.5	327.8	338.4	3130
3167 >E	Goethals 345kV Voltage	Pre-Fault	76.9	NA	338	3167
3190 >E	Gardenville 230kV Voltage	Pre-Fault	73.6	NA	217	3190
3249 >E	Niagara 345kV Voltage	Marcy South S.	42.5	327.8	339.4	3120
3263 >E	Coopers Corners 345kV Voltage	Marcy South N.	44.2	327.8	295.0	3081
3272 >E	Niagara 230kV East Voltage	Marcy South S.	90.7	218.5	224.7	3133
3272 >E	Niagara 230kV West Voltage	Marcy South S.	90.7	218.5	224.7	3133
3381 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	53.0	327.8	328.6	3302
3400 >E	Somerset 345kV Voltage	Pre-Fault	103.7	NA	338	3400
3408 >E	Rainey 345kV Voltage	SBK Princetown 345	54.1	327.8	328.1	3394
3416 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	55.5	327.8	328.6	3336
3427 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	54.7	327.8	327.8	3427
3427 >E	Rainey 345kV Voltage	SBK Edic R945	54.7	327.8	327.8	3427
3427 >E	Rainey 345kV Voltage	Gordon Rd.-N.Scot 345	54.7	327.8	327.8	3427
3430 >E	Gardenville 230kV Voltage	Marcy South S.	57.3	207	218.0	3221
3444 >E	Farragut 345kV Voltage	SBK Princetown 345	56.6	327.8	328.1	3429
3449 >E	Rainey 345kV Voltage	SBK Edic R70	55.5	327.8	327.4	2921
3463 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	57.2	327.8	327.8	3463
3463 >E	Farragut 345kV Voltage	SBK Edic R945	57.2	327.8	327.8	3463
3463 >E	Farragut 345kV Voltage	Gordon Rd.-N.Scot 345	57.2	327.8	327.8	3463
3487 >E	Farragut 345kV Voltage	SBK Edic R70	58.1	327.8	327.4	2946
3502 >E	Rainey 345kV Voltage	Volney-Marcy	57.4	327.8	326.4	3426
3541 >E	Farragut 345kV Voltage	Volney-Marcy	60.1	327.8	326.4	3463
3551 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	51.7	327.8	327.8	1615
3679 >E	Gardenville 230kV Voltage	SBK Marcy R3108	65.0	207	211.8	2323
3730 >E	Pleasant Valley 345kV Voltage	Marcy South N.	74.3	327.8	340.6	3254
3732 >E	Rainey 345kV Voltage	Ph2 DC 1500	66.5	327.8	334.7	3075
3741 >E	Gardenville 230kV Voltage	Ravenswood 3	67.0	207	209.5	3695
3758 >E	Farragut 345kV Voltage	Ph2 DC 1500	68.9	327.8	334.7	3088
3796 >E	Roseton 345kV Voltage	Marcy South S.	68.1	327.8	325.6	3425
3816 >E	Millwood 345kV Voltage	Marcy South S.	90.2	327.8	324.6	3436
3869 >E	Gardenville 230kV Voltage	Volney-Marcy	71.7	207	207.8	3782
3889 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	74.5	327.8	328.6	3789
3899 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	72.6	207	207.4	3798
3918 >E	Gardenville 230kV Voltage	SBK Princetown 345	73.3	207	207.1	3890
3923 >E	Dunwoodie 345kV Voltage	Marcy South S.	110.0	327.8	324.6	3496
3926 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	73.6	207	207.0	3926
3926 >E	Gardenville 230kV Voltage	SBK Edic R945	73.6	207	207.0	3926
3926 >E	Gardenville 230kV Voltage	Gordon Rd.-N.Scot 345	73.6	207	207.0	3926

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3927 >E	Goethals 345kV Voltage	SBK Princetown 345	76.1	327.8	328.1	3899
3929 >E	Sprain Brook 345kV Voltage	Marcy South S.	109.5	327.8	324.4	3499
3952 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	76.9	327.8	327.8	3952
3952 >E	Goethals 345kV Voltage	Gordon Rd.-N.Scot 345	76.9	327.8	327.8	3952
3952 >E	Goethals 345kV Voltage	SBK Edic R945	76.9	327.8	327.8	3952
3984 >E	Goethals 345kV Voltage	SBK Edic R70	78.1	327.8	327.4	3279
4055 >E	Goethals 345kV Voltage	Volney-Marcy	80.8	327.8	326.5	3963
4056 >E	Somerset 345kV Voltage	Ravenswood 3	88.9	327.8	331.7	3988
4157 >E	Buchanan South 345kV Voltage	Marcy South S.	96.0	327.8	319.5	3627
4166 >E	Buchanan North 345kV Voltage	Marcy South S.	102.1	327.8	314.7	3631
4307 >E	Goethals 345kV Voltage	Ph2 DC 1500	91.1	327.8	335.0	3360
4333 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	91.7	327.8	347.1	2156
4337 >E	Somerset 345kV Voltage	Volney-Marcy	99.3	327.8	329.0	4237
4354 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	94.3	327.8	346.7	2170
4395 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	101.2	327.8	328.4	4274
4427 >E	Somerset 345kV Voltage	SBK Princetown 345	102.5	327.8	328.1	4385
4458 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	103.7	327.8	327.8	4458
4458 >E	Somerset 345kV Voltage	SBK Edic R945	103.7	327.8	327.8	4458
4458 >E	Somerset 345kV Voltage	Gordon Rd.-N.Scot 345	103.7	327.8	327.8	4458
4597 >E	Buchanan North 345kV Voltage	Marcy South N.	125.6	327.8	330.6	3575
4731 >E	Roseton 345kV Voltage	Marcy South N.	100.0	327.8	333.4	3625
4742 >E	Rock Tavern 345kV Voltage	Marcy South N.	97.3	327.8	315.8	3629
4934 >E	Millwood 345kV Voltage	Marcy South N.	137.3	327.8	332.9	3700
4975 >E	Ramapo 345kV Voltage	Marcy South S.	112.2	327.8	303.2	4083
5001 >E	Rainey 345kV Voltage	SBK Marcy R3108	113.1	327.8	328.3	2813
5050 >E	Farragut 345kV Voltage	SBK Marcy R3108	117.3	327.8	328.3	2831
5082 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	123.8	327.8	346.7	2673
5096 >E	Buchanan South 345kV Voltage	Marcy South N.	134.5	327.8	332.7	3760
5113 >E	Gardenville 230kV Voltage	SBK Edic R70	117.1	207	190.9	4034
5145 >E	Ladentown 345kV Voltage	Marcy South S.	115.9	327.8	303.6	4178
5158 >E	Ramapo 345kV Voltage	Marcy South N.	124.6	327.8	330.3	3783
5233 >E	Sprain Brook 345kV Voltage	Marcy South N.	171.2	327.8	330.9	3811
5264 >E	Dunwoodie 345kV Voltage	Marcy South N.	173.7	327.8	330.9	3822
5366 >E	Rock Tavern 345kV Voltage	Marcy South S.	109.9	327.8	262.3	4301
5642 >E	Ladentown 345kV Voltage	Marcy South N.	137.6	327.8	331.7	3962
5664 >E	Bowline 1 345kV Voltage	Marcy South S.	127.9	327.8	297.2	4467
5700 >E	Bowline 2 345kV Voltage	Marcy South S.	127.3	327.8	297.1	4487
6079 >E	Goethals 345kV Voltage	SBK Marcy R3108	158.7	327.8	328.3	3213
6242 >E	Bowline 1 345kV Voltage	Marcy South N.	151.4	327.8	332.3	4184
6289 >E	Bowline 2 345kV Voltage	Marcy South N.	150.8	327.8	332.3	4201
6978 >E	Coopers Corners 345kV Voltage	Marcy South S.	124.6	327.8	-30.1	5201

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
8697 >E	Northport 138kV Voltage	Ph2 DC 1500	529.2	131.1	133.3	5534
10983 >E	Rainey 345kV Voltage	Marcy South S.	334.5	327.8	324.9	7436
11091 >E	Farragut 345kV Voltage	Marcy South S.	345.4	327.8	325.0	7496
12749 >E	Northport 138kV Voltage	SBK Marcy R3108	845.3	131.1	131.3	5687
12767 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	855.7	131.1	140.2	7984
14074 >E	Goethals 345kV Voltage	Marcy South S.	465.5	327.8	325.7	9161
15980 >E	Rainey 345kV Voltage	Marcy South N.	514.0	327.8	334.0	7789
16034 >E	Farragut 345kV Voltage	Marcy South N.	526.7	327.8	334.1	7809
20613 >E	Goethals 345kV Voltage	Marcy South N.	711.1	327.8	334.9	9504
51278 >E	Northport 138kV Voltage	Marcy South S.	3865.4	131.1	126.8	29920
79524 >E	Somerset 345kV Voltage	SBK Edic R70	3076.1	327.8	-395.8	53803
93653 >E	Northport 138kV Voltage	Marcy South N.	7196.5	131.1	133.0	36540
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Gordon Rd.-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

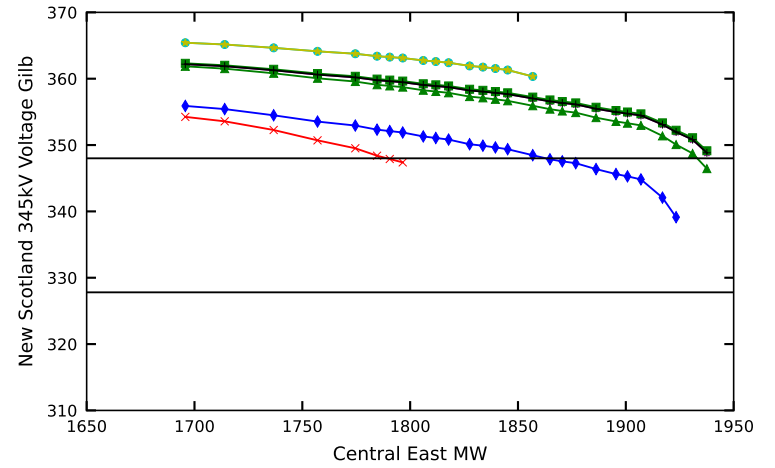
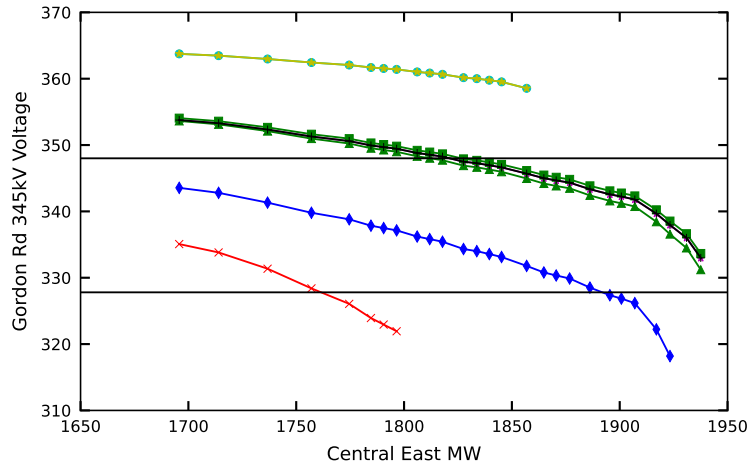
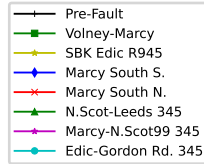
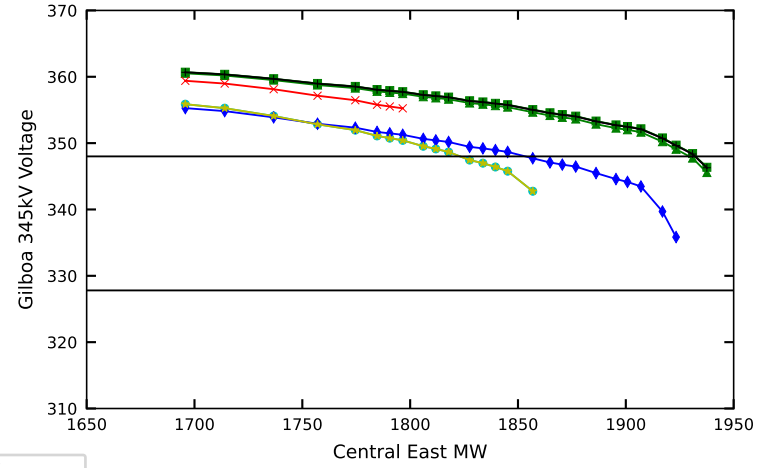
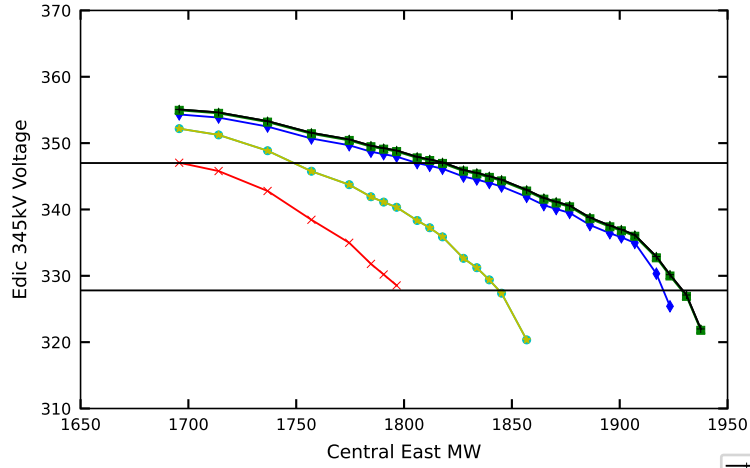
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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 14 OS

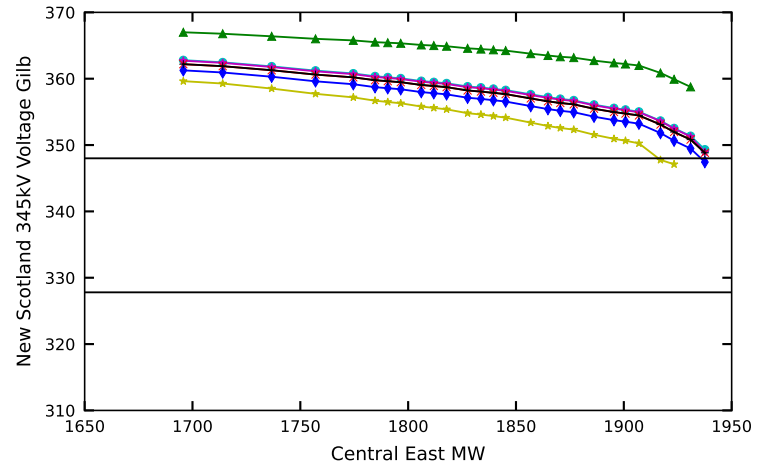
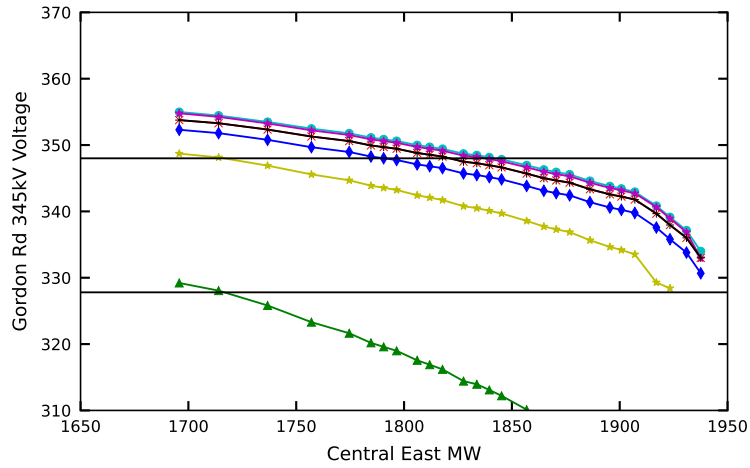
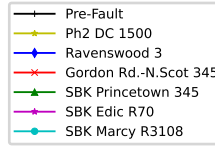
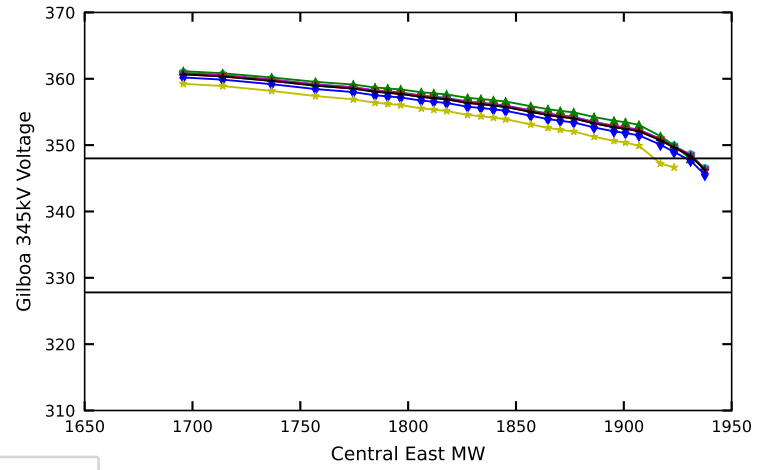
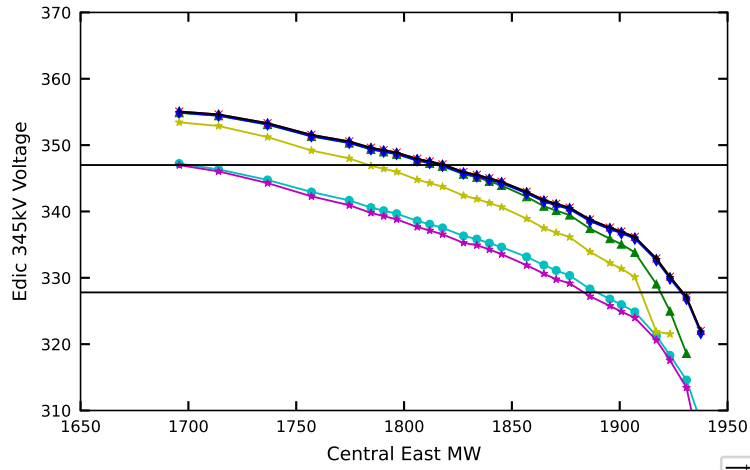
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Gordon Rd.-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R945	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Gordon Rd.-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

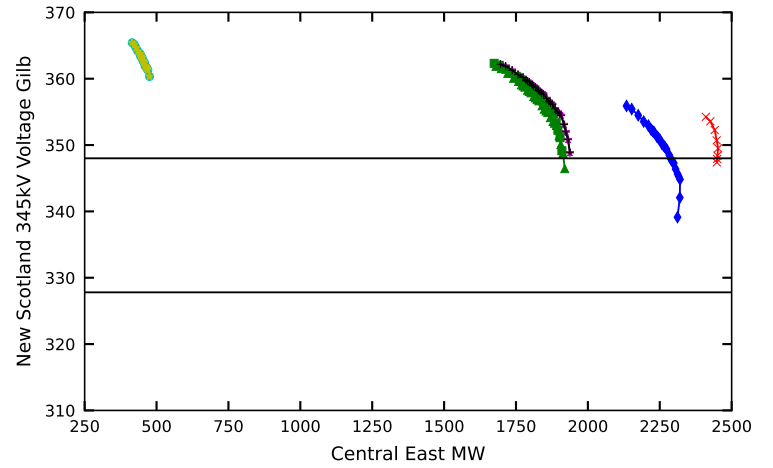
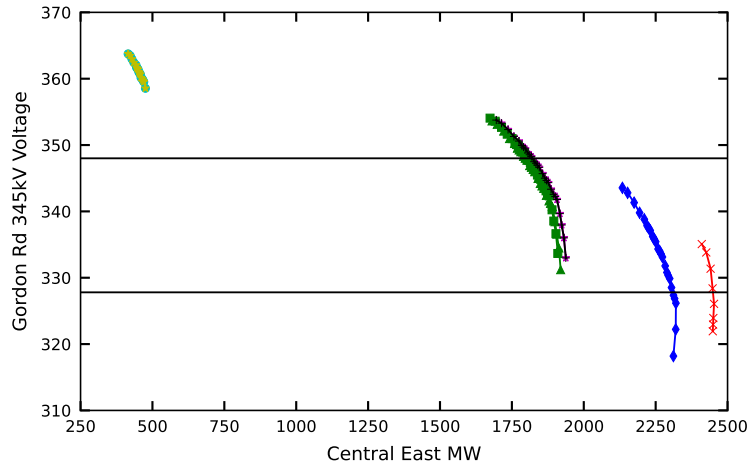
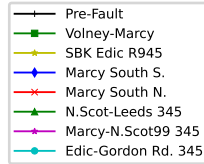
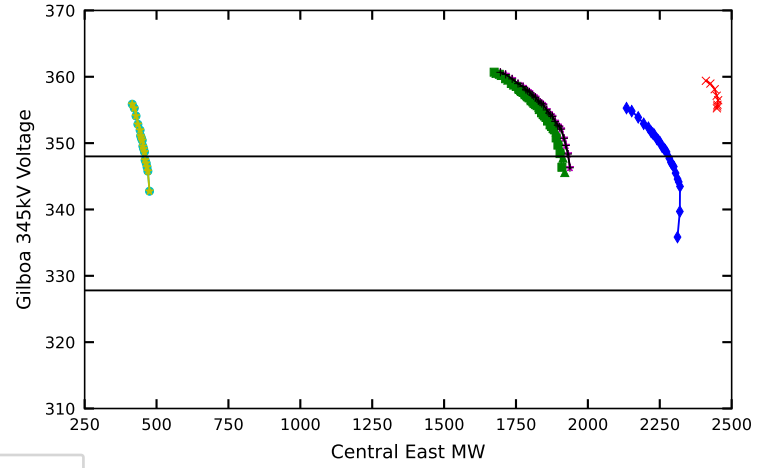
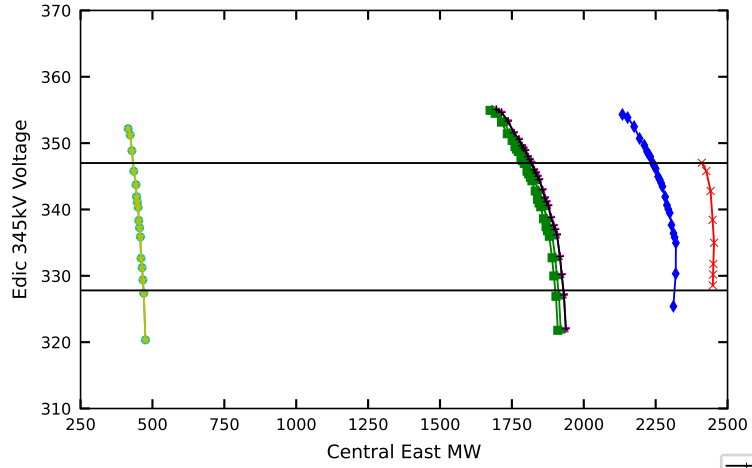
1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 05 Figure 1



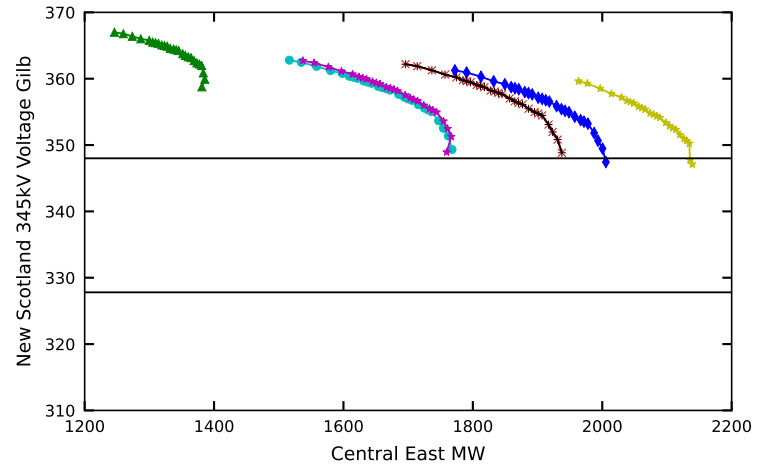
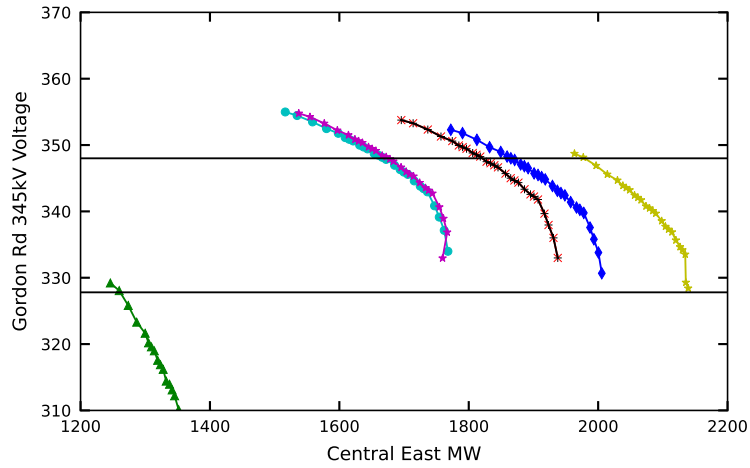
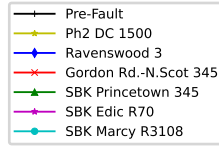
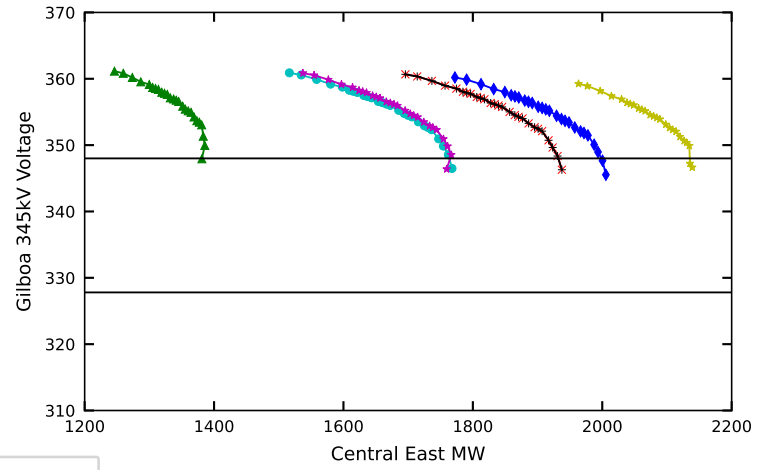
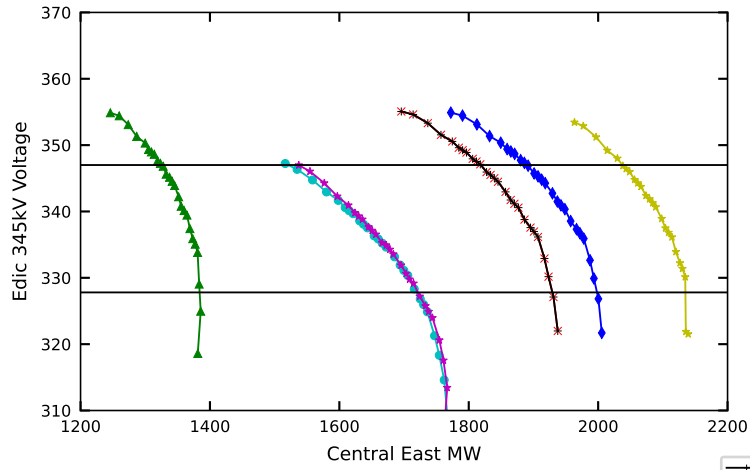
1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 05 Figure 2



1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 05 Figure 1



1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 3O 18 OS

Interface: Central East

Transfer MW		base	ce01	ce02	ce03	ce07	ce08	ce11	ce13	ce15	ce20	ce30	ce31	log09	log15
1695	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1714	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1736	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1757	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1774	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1784	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1790	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1796	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1806	t9	0	0	0	0	1	0	0	0	0	0	0	0	0	0
1811	t10	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1817	t11	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1827	t12	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1833	t13	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1839	t14	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1845	t15	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1856	t16	0	0	0	0	2	0	0	0	0	0	0	0	0	0
1864	t17	0	2	0	0	2	0	2	0	0	0	0	0	0	0
1870	t18	0	2	0	0	2	0	2	0	0	0	0	0	0	0
1876	t19	0	2	0	0	2	0	2	0	0	0	0	0	0	0
1886	t20	0	2	0	0	2	0	2	0	0	0	0	0	0	0
1895	t21	0	2	0	0	2	0	2	0	0	0	0	0	0	0
1900	t22	0	2	0	0	2	0	2	0	0	0	0	0	0	0
1907	t23	0	2	0	0	2	0	2	0	0	0	0	0	0	0
1916	t24	0	2	0	0	2	0	2	0	0	0	0	0	0	0
1923	t25	0	2	0	0	2	0	2	0	0	0	0	0	0	0
1930	t26	0	2	0	0	2	1	2	0	0	0	0	0	0	2
1937	t27	0	2	0	0	2	2	2	0	0	0	2	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 3O 18 OS

Interface: Central East

n Rd.-

N.Scot

345

log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
--------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Ravens

wood

3

log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
--------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Ph2 DC

1500

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1649 <E	Dunwoodie 345kV Voltage	Pre-Fault	87.3	NA	348	1649
1658 <E	Sprain Brook 345kV Voltage	Pre-Fault	87.3	NA	348	1658
1685	limit with 5% margin	Marcy South N.	NA	NA	NA	2330
1716	Gordon Rd 345kV Voltage	SBK Princetown 345	10.1	327.8	353.2	1261
1761	Gordon Rd 345kV Voltage	Marcy South N.	7.5	327.8	351.1	2449
1764	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	451
1764	limit with 5% margin	SBK Edic R945	NA	NA	NA	451
1784 >E	Oakdale 345kV Voltage	Marcy South N.	5.6	320	352.2	2455
1799	Coopers Corners 345kV Voltage	SBK Edic R945	4.9	327.8	348.5	450
1799	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.9	327.8	348.5	450
1810 >E	Edic 345kV Voltage	Marcy South N.	5.1	327.8	348.5	2463
1811	limit with 5% margin	Marcy South S.	NA	NA	NA	2204
1811	Marcy 345kV Voltage	Pre-Fault	14.0	NA	348	1811
1816	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	350.4	457
1816	Fraser 345kV Voltage	SBK Edic R945	4.5	327.8	350.4	457
1818	Edic 345kV Voltage	Pre-Fault	8.4	NA	347	1818
1820 >E	Marcy 345kV Voltage	Marcy South N.	5.1	327.8	348.4	2466
1821	Gordon Rd 345kV Voltage	Pre-Fault	12.7	NA	348	1821
1824 >E	Clay 345kV Voltage	Marcy South N.	5.9	327.8	352.1	2467
1827	limit with 5% margin	SBK Princetown 345	NA	NA	NA	1316
1827	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2032
1834	limit with 5% margin	SBK Edic R70	NA	NA	NA	1678
1835	Oakdale 345kV Voltage	SBK Edic R945	2.9	320	347.4	465
1835	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.9	320	347.4	465
1840	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1840
1840	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	1823
1840	limit with 5% margin	Volney-Marcy	NA	NA	NA	1814
1840	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1679
1840	limit with 5% margin	Gordon Rd.-N.Scot 345	NA	NA	NA	1840
1840	limit with 5% margin	Ravenswood 3	NA	NA	NA	1905
1844	Edic 345kV Voltage	SBK Edic R945	2.8	327.8	344.6	469
1844	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	344.6	469
1845	Marcy 345kV Voltage	SBK Edic R945	1.7	327.8	344.9	469
1845	Marcy 345kV Voltage	Edic-Gordon Rd. 345	1.7	327.8	344.9	469
1857 >E	Clay 345kV Voltage	SBK Edic R945	2.0	327.8	348.9	475
1857 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.0	327.8	348.9	475
1869 >E	Ramapo 500kV Voltage	SBK Edic R945	9.9	500	508.2	481
1869 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	9.9	500	508.2	481
1878 >E	Pannell Road 345kV Voltage	SBK Edic R945	3.1	327.8	347.2	486
1878 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	3.1	327.8	347.2	486
1881 >E	Pannell Road 345kV Voltage	Marcy South N.	9.1	327.8	349.6	2483

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1883	Edic 345kV Voltage	SBK Edic R70	4.8	327.8	339.3	1721
1883	Millwood 345kV Voltage	Pre-Fault	35.8	NA	348	1883
1889	Edic 345kV Voltage	SBK Marcy R3108	6.1	327.8	338.4	1718
1890 >E	Station 80 345kV Voltage	SBK Edic R945	3.6	327.8	346.6	492
1890 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	346.6	492
1891	Gordon Rd 345kV Voltage	Marcy South S.	8.0	327.8	342.9	2309
1893	Coopers Corners 345kV Voltage	SBK Marcy R3108	7.2	327.8	340.6	1723
1895	Pannell Road 345kV Voltage	Pre-Fault	12.1	NA	346	1895
1897	Clay 345kV Voltage	Pre-Fault	11.4	NA	345	1897
1898	Station 80 345kV Voltage	Pre-Fault	9.8	NA	346	1898
1908 >E	Watercure 230kV Voltage	SBK Edic R945	4.1	207	232.0	501
1909 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	4.1	207	232.0	501
1909	Edic 345kV Voltage	Ph2 DC 1500	1.2	327.8	335.2	2134
1910	Buchanan North 345kV Voltage	Pre-Fault	20.7	NA	346	1910
1910	Marcy 345kV Voltage	Ph2 DC 1500	1.2	327.8	335.4	2134
1913	Coopers Corners 345kV Voltage	SBK Edic R70	3.5	327.8	338.0	1750
1913	Coopers Corners 345kV Voltage	Pre-Fault	4.7	NA	338	1913
1913	Fraser 345kV Voltage	Pre-Fault	3.5	NA	338	1913
1914 >E	Gilboa 345kV Voltage	SBK Edic R945	3.8	327.8	351.3	503
1914 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	351.3	503
1914	Oakdale 345kV Voltage	Pre-Fault	3.0	NA	335	1914
1918	Edic 345kV Voltage	SBK Princetown 345	1.5	327.8	332.1	1384
1920	Marcy 345kV Voltage	SBK Princetown 345	1.5	327.8	332.0	1384
1920 >E	Rock Tavern 345kV Voltage	SBK Edic R945	5.2	327.8	348.1	506
1920 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	5.2	327.8	348.1	506
1920	Rock Tavern 345kV Voltage	Pre-Fault	8.3	NA	348	1920
1924 >E	Station 80 345kV Voltage	Marcy South N.	10.9	327.8	349.2	2496
1926 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	2.3	327.8	334.9	1386
1926	Clay 345kV Voltage	SBK Edic R70	2.2	327.8	338.5	1763
1927 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.2	327.8	336.7	2141
1928	Edic 345kV Voltage	Ravenswood 3	2.5	327.8	328.1	1998
1928	Edic 345kV Voltage	Volney-Marcy	2.5	327.8	328.0	1901
1929	Edic 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	327.8	1911
1929	Edic 345kV Voltage	Marcy-N.Scot99 345	2.5	327.8	327.8	1929
1929	Edic 345kV Voltage	Gordon Rd.-N.Scot 345	2.5	327.8	327.8	1929
1930	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.5	327.8	327.8	1930
1930	Marcy 345kV Voltage	SBK Edic R70	2.5	327.8	327.8	1766
1930	Marcy 345kV Voltage	Gordon Rd.-N.Scot 345	2.5	327.8	327.8	1930
1930	Marcy 345kV Voltage	Ravenswood 3	2.5	327.8	327.8	1999
1930	Marcy 345kV Voltage	SBK Marcy R3108	2.5	327.8	327.8	1761
1930	Marcy 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	327.8	1912

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1930	Marcy 345kV Voltage	Volney-Marcy	2.5	327.8	327.8	1902
1931 >E	Fraser 345kV Voltage	SBK Princetown 345	1.9	327.8	331.9	1388
1931 >E	Oakdale 345kV Voltage	SBK Princetown 345	1.7	320	328.2	1388
1932	Gilboa 345kV Voltage	Pre-Fault	3.2	NA	348	1932
1932	Clay 345kV Voltage	SBK Marcy R3108	1.3	327.8	336.2	1763
1933	Coopers Corners 345kV Voltage	Ravenswood 3	1.7	327.8	332.0	2002
1936 >E	Oakdale 345kV Voltage	SBK Edic R70	2.0	320	325.9	1771
1936	Oakdale 345kV Voltage	SBK Marcy R3108	1.2	320	324.1	1767
1937	Fraser 345kV Voltage	Marcy-N.Scot99 345	1.5	327.8	327.8	1937
1937	Fraser 345kV Voltage	N.Scot-Leeds 345	1.5	327.8	327.8	1919
1937	Fraser 345kV Voltage	Volney-Marcy	1.5	327.8	327.8	1909
1937	Fraser 345kV Voltage	SBK Marcy R3108	1.5	327.8	327.8	1767
1937	Fraser 345kV Voltage	Gordon Rd.-N.Scot 345	1.5	327.8	327.8	1937
1937	Fraser 345kV Voltage	Ravenswood 3	1.5	327.8	327.8	2005
1937 >E	Clay 345kV Voltage	SBK Princetown 345	2.0	327.8	334.9	1391
1939 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.2	218.5	229.2	515
1939 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	8.2	218.5	229.2	515
1940 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	1.8	327.8	328.2	1922
1940 >E	Oakdale 345kV Voltage	Volney-Marcy	1.4	320	321.8	1912
1940 >E	New Scotland 345kV Voltage Alps	Pre-Fault	3.3	NA	348	1940
1940 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	3.3	NA	348	1940
1940 >E	Oakdale 345kV Voltage	Ravenswood 3	1.4	320	321.5	2008
1940 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	1.8	327.8	327.8	1940
1940 >E	Coopers Corners 345kV Voltage	Gordon Rd.-N.Scot 345	1.8	327.8	327.8	1940
1941 >E	Buchanan South 345kV Voltage	Pre-Fault	6.1	NA	346	1941
1942 >E	Fraser 345kV Voltage	SBK Edic R70	2.7	327.8	327.8	1775
1942 >E	St.Lawrence 230kV Voltage	Pre-Fault	4.2	NA	225	1942
1942 >E	Coopers Corners 345kV Voltage	Volney-Marcy	1.8	327.8	326.9	1914
1942 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	1.4	320	320.1	1924
1942 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	1.4	320	320.0	1942
1942 >E	Oakdale 345kV Voltage	Gordon Rd.-N.Scot 345	1.4	320	320.0	1942
1943 >E	Gordon Rd 345kV Voltage	Ravenswood 3	2.1	327.8	330.2	2010
1944 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	2.0	327.8	329.8	1926
1945 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.6	320	322.7	2151
1945 >E	Clay 345kV Voltage	Volney-Marcy	1.7	327.8	328.7	1917
1946 >E	Clay 345kV Voltage	Ravenswood 3	1.7	327.8	328.3	2012
1946 >E	Clay 345kV Voltage	N.Scot-Leeds 345	1.7	327.8	327.9	1928
1946 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	1.7	327.8	327.8	1946
1946 >E	Clay 345kV Voltage	Gordon Rd.-N.Scot 345	1.7	327.8	327.8	1946
1947 >E	Ramapo 500kV Voltage	Ravenswood 3	9.6	500	505.2	2013
1947 >E	Ramapo 345kV Voltage	Pre-Fault	5.7	NA	346	1947

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1947 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	2.0	327.8	334.5	1776
1948 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	2.2	327.8	327.8	1948
1948 >E	Gordon Rd 345kV Voltage	Gordon Rd.-N.Scot 345	2.2	327.8	327.8	1948
1949 >E	Pleasant Valley 345kV Voltage	Pre-Fault	6.7	NA	348	1949
1949 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	7.4	327.8	328.8	2154
1950 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	2.1	327.8	327.0	1778
1950 >E	Gordon Rd 345kV Voltage	Volney-Marcy	2.2	327.8	327.0	1922
1951 >E	Fraser 345kV Voltage	Ph2 DC 1500	6.1	327.8	324.5	2155
1952 >E	Pannell Road 345kV Voltage	SBK Edic R70	3.3	327.8	335.7	1783
1955 >E	Station 80 345kV Voltage	SBK Marcy R3108	2.5	327.8	334.5	1783
1957 >E	Ladentown 345kV Voltage	Pre-Fault	5.8	NA	346	1957
1960 >E	Edic 345kV Voltage	Marcy South S.	7.4	327.8	329.2	2358
1961 >E	Pannell Road 345kV Voltage	SBK Princetown 345	3.3	327.8	334.5	1400
1963 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	3.8	218.5	219.9	1790
1964 >E	Pannell Road 345kV Voltage	Ravenswood 3	2.6	327.8	328.4	2026
1964 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.7	327.8	327.5	1792
1964 >E	Pannell Road 345kV Voltage	Volney-Marcy	2.7	327.8	328.3	1936
1965 >E	Station 80 345kV Voltage	SBK Edic R70	4.0	327.8	335.3	1792
1965 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	327.9	1945
1965 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	327.8	1965
1965 >E	Pannell Road 345kV Voltage	Gordon Rd.-N.Scot 345	2.7	327.8	327.8	1965
1966 >E	St.Lawrence 230kV Voltage	Ravenswood 3	4.0	218.5	219.3	2028
1967 >E	St.Lawrence 230kV Voltage	Volney-Marcy	4.0	218.5	219.1	1938
1968 >E	Ramapo 500kV Voltage	SBK Marcy R3108	8.7	500	503.2	1794
1969 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	4.2	218.5	218.5	1969
1969 >E	St.Lawrence 230kV Voltage	Gordon Rd.-N.Scot 345	4.2	218.5	218.5	1969
1969 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	4.2	218.5	218.5	1949
1970 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	3.0	327.8	335.4	1796
1972 >E	Station 80 345kV Voltage	SBK Princetown 345	3.7	327.8	334.1	1403
1972 >E	Bowline 1 345kV Voltage	Pre-Fault	5.9	NA	345	1972
1973 >E	Ramapo 500kV Voltage	Ph2 DC 1500	29.7	500	505.3	2168
1974 >E	Roseton 345kV Voltage	Pre-Fault	6.2	NA	345	1974
1974 >E	Marcy 345kV Voltage	Marcy South S.	7.7	327.8	327.8	2369
1975 >E	Bowline 2 345kV Voltage	Pre-Fault	5.9	NA	345	1975
1975 >E	Station 80 345kV Voltage	Ravenswood 3	3.3	327.8	328.5	2035
1977 >E	Niagara 230kV East Voltage	Pre-Fault	5.8	NA	225	1977
1977 >E	Niagara 230kV West Voltage	Pre-Fault	5.8	NA	225	1977
1977 >E	Station 80 345kV Voltage	Volney-Marcy	3.4	327.8	328.1	1948
1978 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	327.9	1957
1978 >E	Fraser 345kV Voltage	Marcy South S.	6.0	327.8	330.5	2372
1978 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	3.3	327.8	327.8	1978

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1978 >E	Station 80 345kV Voltage	Gordon Rd.-N.Scot 345	3.3	327.8	327.8	1978
1980 >E	Rock Tavern 345kV Voltage	Ravenswood 3	3.4	327.8	332.6	2039
1980 >E	Watercure 230kV Voltage	Marcy South N.	13.3	207	231.4	2512
1982 >E	Somerset 345kV Voltage	SBK Edic R945	6.3	327.8	350.2	537
1982 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	6.3	327.8	350.2	537
1983 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	6.5	218.5	221.4	1408
1985 >E	Dunwoodie 345kV Voltage	Ravenswood 3	5.8	327.8	335.4	2043
1985 >E	Sprain Brook 345kV Voltage	Ravenswood 3	5.8	327.8	335.4	2043
1986 >E	Clay 345kV Voltage	Ph2 DC 1500	10.8	327.8	318.6	2176
1991 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	2.9	327.8	332.7	1969
1991 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	2.9	327.8	332.7	1969
1991 >E	Oakdale 345kV Voltage	Marcy South S.	5.4	320	324.5	2381
1991 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	329.4	1969
1992 >E	Buchanan North 345kV Voltage	Ravenswood 3	5.5	327.8	334.6	2048
1992 >E	Gilboa 345kV Voltage	Ravenswood 3	3.1	327.8	329.0	2049
1995 >E	Niagara 230kV East Voltage	SBK Marcy R3108	4.8	218.5	221.9	1817
1995 >E	Niagara 230kV West Voltage	SBK Marcy R3108	4.8	218.5	221.9	1817
1995 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	328.2	1973
1996 >E	Ramapo 500kV Voltage	SBK Princetown 345	12.7	500	504.5	1412
1996 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	3.2	327.8	327.8	1996
1996 >E	Gilboa 345kV Voltage	Gordon Rd.-N.Scot 345	3.2	327.8	327.8	1996
1997 >E	Gilboa 345kV Voltage	SBK Marcy R3108	3.2	327.8	327.7	1819
1997 >E	Gilboa 345kV Voltage	Volney-Marcy	3.2	327.8	327.7	1968
1997 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	3.5	327.8	327.8	1997
1997 >E	Rock Tavern 345kV Voltage	Gordon Rd.-N.Scot 345	3.5	327.8	327.8	1997
1998 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	10.1	500	500.3	1976
1998 >E	Leeds 345kV Voltage	Pre-Fault	5.9	NA	345	1998
1999 >E	Rock Tavern 345kV Voltage	Volney-Marcy	3.5	327.8	327.2	1970
2000 >E	Millwood 345kV Voltage	Ravenswood 3	5.6	327.8	335.1	2055
2001 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	3.2	327.8	329.7	2055
2001 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	3.2	327.8	329.7	2055
2001 >E	Ramapo 500kV Voltage	Pre-Fault	10.3	NA	500	2001
2001 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	10.3	500	500.0	2001
2001 >E	Ramapo 500kV Voltage	Gordon Rd.-N.Scot 345	10.3	500	500.0	2001
2001 >E	Ramapo 500kV Voltage	Volney-Marcy	10.3	500	500.0	1972
2007 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	3.2	327.8	327.8	1828
2007 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	3.2	327.8	327.8	1828
2007 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	3.3	327.8	327.8	2007
2007 >E	New Scotland 345kV Voltage Alps	Gordon Rd.-N.Scot 345	3.3	327.8	327.8	2007
2007 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	3.3	327.8	327.8	2007
2007 >E	New Scotland 345kV Voltage Gilb	Gordon Rd.-N.Scot 345	3.3	327.8	327.8	2007

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2008 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	4.8	327.8	337.5	1417
2008 >E	Buchanan South 345kV Voltage	Ravenswood 3	5.5	327.8	334.9	2061
2009 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	3.4	327.8	327.3	1980
2009 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	3.4	327.8	327.3	1980
2009 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	5.4	327.8	331.7	1829
2011 >E	Buchanan North 345kV Voltage	SBK Edic R945	10.4	327.8	342.4	550
2011 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	342.4	550
2011 >E	Niagara 230kV East Voltage	Ravenswood 3	5.7	218.5	219.1	2063
2011 >E	Niagara 230kV West Voltage	Ravenswood 3	5.7	218.5	219.1	2063
2015 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	5.8	218.5	218.5	1991
2015 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	5.8	218.5	218.5	1991
2015 >E	Niagara 230kV East Voltage	Volney-Marcy	5.9	218.5	218.5	1985
2015 >E	Niagara 230kV West Voltage	Volney-Marcy	5.9	218.5	218.5	1985
2015 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	5.8	218.5	218.5	2015
2015 >E	Niagara 230kV East Voltage	Gordon Rd.-N.Scot 345	5.8	218.5	218.5	2015
2015 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	5.8	218.5	218.5	2015
2015 >E	Niagara 230kV West Voltage	Gordon Rd.-N.Scot 345	5.8	218.5	218.5	2015
2017 >E	Ramapo 345kV Voltage	Ravenswood 3	5.3	327.8	333.7	2069
2019 >E	Ramapo 345kV Voltage	SBK Edic R945	9.2	327.8	346.9	554
2019 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	9.2	327.8	346.9	554
2021 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	6.2	327.8	329.9	1840
2021 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	6.2	327.8	329.9	1840
2022 >E	Ramapo 345kV Voltage	SBK Marcy R3108	5.1	327.8	333.0	1840
2023 >E	Gilboa 345kV Voltage	SBK Princetown 345	4.5	327.8	332.3	1423
2024 >E	Rock Tavern 345kV Voltage	SBK Edic R70	6.5	327.8	335.0	1837
2025 >E	Ladentown 345kV Voltage	Ravenswood 3	5.4	327.8	334.4	2074
2025 >E	Clay 345kV Voltage	Marcy South S.	8.2	327.8	332.2	2406
2027 >E	Ramapo 500kV Voltage	SBK Edic R70	20.0	500	503.3	1839
2029 >E	Millwood 345kV Voltage	SBK Marcy R3108	5.8	327.8	330.5	1846
2030 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	5.9	327.8	328.2	2005
2030 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	5.6	327.8	331.2	1848
2032 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	328.2	2008
2032 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	6.0	327.8	327.8	2032
2032 >E	Buchanan North 345kV Voltage	Gordon Rd.-N.Scot 345	6.0	327.8	327.8	2032
2033 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	328.2	2008
2034 >E	Bowline 1 345kV Voltage	Ravenswood 3	5.4	327.8	334.5	2082
2034 >E	Buchanan North 345kV Voltage	Volney-Marcy	6.0	327.8	327.4	2005
2035 >E	Ladentown 345kV Voltage	SBK Marcy R3108	5.2	327.8	332.7	1851
2035 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	6.6	327.8	327.8	2035
2035 >E	Dunwoodie 345kV Voltage	Gordon Rd.-N.Scot 345	6.6	327.8	327.8	2035
2035 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	6.6	327.8	327.8	2035

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2035 >E	Sprain Brook 345kV Voltage	Gordon Rd.-N.Scot 345	6.6	327.8	327.8	2035
2036 >E	Bowline 2 345kV Voltage	Ravenswood 3	5.4	327.8	334.5	2083
2037 >E	Dunwoodie 345kV Voltage	Volney-Marcy	6.6	327.8	327.5	2007
2037 >E	Sprain Brook 345kV Voltage	Volney-Marcy	6.6	327.8	327.5	2007
2042 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	328.3	2017
2042 >E	St.Lawrence 230kV Voltage	SBK Edic R70	12.7	218.5	219.1	1851
2043 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	5.3	327.8	332.9	1859
2045 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	5.2	327.8	333.0	1860
2045 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	327.8	2045
2045 >E	Millwood 345kV Voltage	Gordon Rd.-N.Scot 345	6.2	327.8	327.8	2045
2048 >E	Millwood 345kV Voltage	Volney-Marcy	6.3	327.8	327.4	2017
2048 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	5.9	327.8	328.3	2022
2049 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	328.3	2023
2049 >E	Somerset 345kV Voltage	SBK Marcy R3108	5.7	327.8	339.3	1864
2050 >E	Ladentown 345kV Voltage	SBK Edic R945	9.7	327.8	347.6	569
2050 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	9.7	327.8	347.6	569
2050 >E	Gilboa 345kV Voltage	Marcy South S.	9.1	327.8	344.0	2424
2051 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	6.1	327.8	327.8	2051
2051 >E	Buchanan South 345kV Voltage	Gordon Rd.-N.Scot 345	6.1	327.8	327.8	2051
2051 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	327.8	2051
2051 >E	Ramapo 345kV Voltage	Gordon Rd.-N.Scot 345	5.7	327.8	327.8	2051
2053 >E	Gilboa 345kV Voltage	SBK Edic R70	5.9	327.8	327.8	1859
2054 >E	Buchanan South 345kV Voltage	Volney-Marcy	6.1	327.8	327.4	2023
2054 >E	Ramapo 345kV Voltage	Volney-Marcy	5.8	327.8	327.4	2024
2056 >E	Roseton 345kV Voltage	Ravenswood 3	5.9	327.8	331.8	2099
2056 >E	Roseton 345kV Voltage	SBK Marcy R3108	5.6	327.8	331.8	1869
2056 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	6.3	327.8	331.9	2099
2060 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	328.3	2034
2063 >E	Somerset 345kV Voltage	Pre-Fault	10.0	NA	338	2063
2063 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	12.8	327.8	312.8	2220
2063 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	5.8	327.8	327.8	2063
2063 >E	Ladentown 345kV Voltage	Gordon Rd.-N.Scot 345	5.8	327.8	327.8	2063
2063 >E	Bowline 1 345kV Voltage	SBK Edic R945	9.6	327.8	348.8	576
2063 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	9.6	327.8	348.8	576
2066 >E	Ladentown 345kV Voltage	Volney-Marcy	5.9	327.8	327.4	2035
2067 >E	Station 80 345kV Voltage	Ph2 DC 1500	12.0	327.8	315.7	2223
2068 >E	Bowline 2 345kV Voltage	SBK Edic R945	9.6	327.8	349.7	578
2068 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	9.6	327.8	349.7	578
2070 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	5.8	327.8	328.4	2043
2072 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	5.8	327.8	328.4	2045
2073 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	6.4	327.8	329.4	1884

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2073 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	327.8	2073
2073 >E	Bowline 1 345kV Voltage	Gordon Rd.-N.Scot 345	5.9	327.8	327.8	2073
2075 >E	Buchanan South 345kV Voltage	SBK Edic R945	11.4	327.8	342.9	582
2075 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	11.4	327.8	342.9	582
2076 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	327.8	2076
2076 >E	Bowline 2 345kV Voltage	Gordon Rd.-N.Scot 345	5.9	327.8	327.8	2076
2076 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	328.9	2049
2076 >E	Bowline 1 345kV Voltage	Volney-Marcy	5.9	327.8	327.3	2045
2077 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	328.4	2049
2078 >E	Bowline 2 345kV Voltage	Volney-Marcy	5.9	327.8	327.3	2047
2079 >E	Dunwoodie 345kV Voltage	SBK Edic R945	13.5	327.8	337.1	584
2079 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	13.5	327.8	337.1	584
2080 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	6.4	327.8	328.3	1880
2080 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	6.4	327.8	328.3	1880
2080 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	327.8	2080
2080 >E	Roseton 345kV Voltage	Gordon Rd.-N.Scot 345	6.2	327.8	327.8	2080
2081 >E	Sprain Brook 345kV Voltage	SBK Edic R945	13.6	327.8	337.4	585
2081 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	13.6	327.8	337.4	585
2082 >E	Pannell Road 345kV Voltage	Marcy South S.	11.2	327.8	332.0	2447
2083 >E	Somerset 345kV Voltage	SBK Edic R70	7.6	327.8	336.5	1881
2083 >E	Roseton 345kV Voltage	Volney-Marcy	6.2	327.8	327.4	2052
2083 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	6.7	327.8	327.8	2083
2083 >E	Pleasant Valley 345kV Voltage	Gordon Rd.-N.Scot 345	6.7	327.8	327.8	2083
2086 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	6.7	327.8	327.4	2055
2087 >E	Somerset 345kV Voltage	SBK Princetown 345	7.2	327.8	336.5	1447
2092 >E	New Scotland 345kV Voltage Alps	Marcy South N.	14.6	327.8	352.6	2544
2092 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	14.6	327.8	352.6	2544
2093 >E	Millwood 345kV Voltage	SBK Edic R945	12.6	327.8	340.2	591
2093 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	12.6	327.8	340.2	591
2099 >E	Niagara 230kV East Voltage	SBK Edic R945	17.6	218.5	229.9	594
2099 >E	Niagara 230kV West Voltage	SBK Edic R945	17.6	218.5	229.9	594
2099 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	17.6	218.5	229.9	594
2099 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	17.6	218.5	229.9	594
2099 >E	Buchanan North 345kV Voltage	SBK Princetown 345	10.3	327.8	335.0	1451
2100 >E	Leeds 345kV Voltage	Ravenswood 3	5.9	327.8	327.8	2134
2100 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	327.8	2100
2100 >E	Leeds 345kV Voltage	Volney-Marcy	5.9	327.8	327.8	2069
2100 >E	Leeds 345kV Voltage	Gordon Rd.-N.Scot 345	5.9	327.8	327.8	2100
2100 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	5.9	327.8	327.8	2071
2100 >E	Leeds 345kV Voltage	SBK Marcy R3108	5.9	327.8	327.8	1908
2103 >E	Station 80 345kV Voltage	Marcy South S.	12.1	327.8	331.4	2462

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2108 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	9.6	327.8	319.0	2246
2108 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	9.6	327.8	319.0	2246
2109 >E	Ramapo 345kV Voltage	SBK Princetown 345	8.9	327.8	337.6	1455
2119 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	10.8	327.8	324.1	2253
2128 >E	Gilboa 345kV Voltage	Ph2 DC 1500	10.9	327.8	314.2	2258
2135 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	6.6	327.8	314.2	1465
2135 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	6.6	327.8	314.2	1465
2137 >E	Roseton 345kV Voltage	SBK Edic R945	11.8	327.8	345.7	612
2137 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	11.8	327.8	345.7	612
2137 >E	Ladentown 345kV Voltage	SBK Princetown 345	9.5	327.8	337.7	1466
2138 >E	New Scotland 345kV Voltage Alps	Marcy South S.	13.6	327.8	343.9	2488
2138 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	13.6	327.8	343.9	2488
2142 >E	Buchanan North 345kV Voltage	SBK Edic R70	13.9	327.8	332.4	1926
2147 >E	Somerset 345kV Voltage	Ravenswood 3	9.5	327.8	329.6	2171
2151 >E	Buchanan South 345kV Voltage	SBK Princetown 345	11.2	327.8	335.0	1471
2152 >E	Bowline 1 345kV Voltage	SBK Princetown 345	9.4	327.8	338.5	1471
2153 >E	Ramapo 345kV Voltage	SBK Edic R70	11.8	327.8	333.7	1934
2156 >E	Bowline 2 345kV Voltage	SBK Princetown 345	9.4	327.8	338.6	1473
2162 >E	Millwood 345kV Voltage	SBK Princetown 345	12.3	327.8	333.5	1475
2164 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	10.0	327.8	327.9	2130
2165 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	10.0	327.8	327.8	2165
2165 >E	Somerset 345kV Voltage	Gordon Rd.-N.Scot 345	10.0	327.8	327.8	2165
2166 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	14.5	327.8	332.6	1476
2167 >E	Niagara 345kV Voltage	SBK Edic R945	11.3	327.8	353.2	627
2167 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	11.3	327.8	353.2	627
2167 >E	Somerset 345kV Voltage	Volney-Marcy	10.2	327.8	327.5	2135
2168 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	14.7	327.8	332.5	1477
2174 >E	Roseton 345kV Voltage	SBK Princetown 345	10.1	327.8	335.9	1480
2179 >E	St.Lawrence 230kV Voltage	Marcy South N.	30.1	218.5	230.0	2569
2189 >E	Ladentown 345kV Voltage	SBK Edic R70	12.5	327.8	333.7	1962
2199 >E	Watercure 230kV Voltage	SBK Marcy R3108	11.3	207	221.9	1993
2206 >E	Buchanan South 345kV Voltage	SBK Edic R70	14.9	327.8	332.2	1975
2207 >E	Somerset 345kV Voltage	Marcy South N.	19.6	327.8	351.9	2578
2208 >E	Bowline 1 345kV Voltage	SBK Edic R70	12.5	327.8	334.0	1976
2208 >E	Gardenville 230kV Voltage	SBK Edic R945	14.9	207	230.7	647
2208 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	14.9	207	230.7	647
2212 >E	Watercure 230kV Voltage	SBK Princetown 345	12.6	207	229.6	1494
2214 >E	Bowline 2 345kV Voltage	SBK Edic R70	12.5	327.8	334.1	1981
2214 >E	Roseton 345kV Voltage	SBK Edic R70	12.4	327.8	332.4	1981
2218 >E	Millwood 345kV Voltage	SBK Edic R70	16.5	327.8	331.4	1984
2220 >E	Dunwoodie 345kV Voltage	SBK Edic R70	19.2	327.8	330.7	1985

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2220 >E	Sprain Brook 345kV Voltage	SBK Edic R70	19.2	327.8	330.8	1985
2224 >E	Gordon Rd 345kV Voltage	SBK Edic R945	11.9	327.8	316.0	655
2224 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	11.9	327.8	316.0	655
2225 >E	Rainey 345kV Voltage	Ravenswood 3	14.7	327.8	340.6	2233
2229 >E	Gardenville 230kV Voltage	SBK Marcy R3108	11.7	207	218.7	2019
2244 >E	Farragut 345kV Voltage	Ravenswood 3	15.5	327.8	339.8	2247
2246 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	13.0	327.8	330.6	1506
2246 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	12.0	327.8	335.1	665
2246 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	12.0	327.8	335.1	665
2246 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	12.0	327.8	335.1	665
2246 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	12.0	327.8	335.1	665
2252 >E	Leeds 345kV Voltage	SBK Princetown 345	10.9	327.8	327.5	1509
2264 >E	Ramapo 500kV Voltage	Marcy South N.	60.7	500	505.5	2594
2265 >E	Gardenville 230kV Voltage	Pre-Fault	20.4	NA	217	2265
2265 >E	St.Lawrence 230kV Voltage	Marcy South S.	29.5	218.5	218.0	2580
2266 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	14.8	327.8	329.9	2020
2270 >E	Fraser 345kV Voltage	Marcy South N.	19.2	327.8	327.8	2596
2278 >E	Leeds 345kV Voltage	SBK Edic R70	12.1	327.8	327.8	2029
2278 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	22.2	327.8	324.5	2345
2281 >E	Rainey 345kV Voltage	Pre-Fault	21.7	NA	338	2281
2285 >E	Farragut 345kV Voltage	Pre-Fault	22.7	NA	338	2285
2306 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	17.4	327.8	338.5	695
2306 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	17.4	327.8	338.5	695
2326 >E	Ramapo 345kV Voltage	Ph2 DC 1500	20.2	327.8	323.7	2373
2333 >E	Niagara 345kV Voltage	SBK Marcy R3108	14.2	327.8	351.6	2108
2349 >E	Niagara 230kV East Voltage	SBK Princetown 345	30.1	218.5	225.1	1545
2349 >E	Niagara 230kV West Voltage	SBK Princetown 345	30.1	218.5	225.1	1545
2349 >E	Somerset 345kV Voltage	Marcy South S.	18.6	327.8	331.6	2640
2349 >E	Niagara 345kV Voltage	SBK Princetown 345	14.4	327.8	339.4	1545
2354 >E	Niagara 345kV Voltage	SBK Edic R70	15.1	327.8	338.6	2087
2359 >E	Niagara 230kV East Voltage	SBK Edic R70	32.0	218.5	224.7	2091
2359 >E	Niagara 230kV West Voltage	SBK Edic R70	32.0	218.5	224.7	2091
2375 >E	Watercure 230kV Voltage	Pre-Fault	25.4	NA	215	2375
2378 >E	Ladentown 345kV Voltage	Ph2 DC 1500	21.0	327.8	322.8	2403
2380 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	23.4	327.8	321.8	2404
2384 >E	Goethals 345kV Voltage	Ravenswood 3	21.1	327.8	338.4	2358
2390 >E	Millwood 345kV Voltage	Ph2 DC 1500	25.1	327.8	320.9	2410
2397 >E	Goethals 345kV Voltage	Pre-Fault	30.4	NA	338	2397
2399 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	29.3	327.8	321.6	2415
2403 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	29.6	327.8	321.4	2417
2412 >E	Gardenville 230kV Voltage	Ravenswood 3	18.4	207	209.8	2380

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2413 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	21.1	327.8	322.3	2423
2419 >E	Ramapo 500kV Voltage	Marcy South S.	67.5	500	496.9	2691
2422 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	21.1	327.8	322.2	2428
2443 >E	Watercure 230kV Voltage	Ravenswood 3	20.8	207	212.3	2405
2444 >E	Roseton 345kV Voltage	Ph2 DC 1500	21.5	327.8	318.0	2441
2463 >E	Gardenville 230kV Voltage	Volney-Marcy	20.3	207	207.3	2424
2464 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	20.2	207	207.2	2410
2467 >E	Rainey 345kV Voltage	SBK Marcy R3108	20.7	327.8	329.4	2224
2468 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	20.4	207	207.0	2468
2468 >E	Gardenville 230kV Voltage	Gordon Rd.-N.Scot 345	20.4	207	207.0	2468
2471 >E	Somerset 345kV Voltage	Ph2 DC 1500	25.4	327.8	300.0	2457
2476 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	23.7	327.8	315.8	2460
2480 >E	Farragut 345kV Voltage	SBK Marcy R3108	21.6	327.8	329.4	2235
2484 >E	Leeds 345kV Voltage	Ph2 DC 1500	19.2	327.8	306.7	2464
2490 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	21.3	327.8	328.4	2434
2502 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	21.7	327.8	327.8	2502
2502 >E	Rainey 345kV Voltage	Gordon Rd.-N.Scot 345	21.7	327.8	327.8	2502
2503 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	22.2	327.8	328.4	2446
2508 >E	Rainey 345kV Voltage	Volney-Marcy	21.9	327.8	327.5	2469
2512 >E	Gilboa 345kV Voltage	Marcy South N.	25.8	327.8	339.7	2666
2516 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	22.7	327.8	327.8	2516
2516 >E	Farragut 345kV Voltage	Gordon Rd.-N.Scot 345	22.7	327.8	327.8	2516
2522 >E	Farragut 345kV Voltage	Volney-Marcy	22.9	327.8	327.5	2482
2523 >E	Watercure 230kV Voltage	Volney-Marcy	23.9	207	209.2	2483
2571 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	25.1	207	207.3	2509
2578 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	25.4	207	207.0	2578
2578 >E	Watercure 230kV Voltage	Gordon Rd.-N.Scot 345	25.4	207	207.0	2578
2589 >E	Leeds 345kV Voltage	Marcy South S.	25.5	327.8	341.1	2814
2603 >E	Gardenville 230kV Voltage	SBK Princetown 345	26.5	207	220.3	1640
2676 >E	Goethals 345kV Voltage	SBK Marcy R3108	29.5	327.8	328.8	2403
2691 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	29.8	327.8	328.3	2621
2707 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	30.4	327.8	327.8	2707
2707 >E	Goethals 345kV Voltage	Gordon Rd.-N.Scot 345	30.4	327.8	327.8	2707
2715 >E	Goethals 345kV Voltage	Volney-Marcy	30.7	327.8	327.5	2671
2738 >E	Gardenville 230kV Voltage	SBK Edic R70	32.0	207	219.2	2377
2772 >E	Gardenville 230kV Voltage	Marcy South N.	41.6	207	228.6	2741
2794 >E	Watercure 230kV Voltage	SBK Edic R70	37.6	207	234.6	2420
2795 >E	Leeds 345kV Voltage	SBK Edic R945	29.3	327.8	327.8	934
2795 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	29.3	327.8	327.8	934
2864 >E	Niagara 345kV Voltage	Marcy South N.	38.4	327.8	354.7	2768
2878 >E	Niagara 230kV East Voltage	Marcy South N.	76.7	218.5	232.1	2772

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2878 >E	Niagara 230kV West Voltage	Marcy South N.	76.7	218.5	232.1	2772
2926 >E	Leeds 345kV Voltage	Marcy South N.	36.0	327.8	347.3	2786
3022 >E	Coopers Corners 345kV Voltage	Marcy South S.	27.6	327.8	226.0	3128
3099 >E	Pleasant Valley 345kV Voltage	Marcy South S.	54.2	327.8	330.4	3184
3118 >E	Rainey 345kV Voltage	SBK Edic R945	47.6	327.8	342.9	1091
3118 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	47.6	327.8	342.9	1091
3147 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	49.7	327.8	342.8	1105
3147 >E	Farragut 345kV Voltage	SBK Edic R945	49.7	327.8	342.8	1106
3163 >E	Rainey 345kV Voltage	SBK Princetown 345	46.6	327.8	336.1	1850
3182 >E	Farragut 345kV Voltage	SBK Princetown 345	48.3	327.8	336.0	1858
3211 >E	Niagara 345kV Voltage	Pre-Fault	64.8	NA	338	3211
3237 >E	Coopers Corners 345kV Voltage	Marcy South N.	44.3	327.8	293.7	2876
3289 >E	Niagara 345kV Voltage	Marcy South S.	46.9	327.8	332.7	3321
3334 >E	Niagara 345kV Voltage	Ravenswood 3	47.5	327.8	336.1	3107
3505 >E	Rainey 345kV Voltage	SBK Edic R70	60.4	327.8	331.7	2958
3526 >E	Niagara 345kV Voltage	Ph2 DC 1500	56.0	327.8	287.5	3069
3527 >E	Farragut 345kV Voltage	SBK Edic R70	62.5	327.8	331.7	2975
3530 >E	Rock Tavern 345kV Voltage	Marcy South S.	52.0	327.8	278.7	3496
3552 >E	Goethals 345kV Voltage	SBK Edic R945	66.1	327.8	342.7	1304
3552 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	66.1	327.8	342.7	1304
3600 >E	Goethals 345kV Voltage	SBK Princetown 345	65.1	327.8	336.0	2014
3714 >E	Roseton 345kV Voltage	Marcy South S.	66.2	327.8	313.8	3629
3781 >E	Pleasant Valley 345kV Voltage	Marcy South N.	76.7	327.8	340.1	3033
3844 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	63.9	327.8	328.2	3695
3866 >E	Niagara 230kV East Voltage	Ph2 DC 1500	142.1	218.5	196.8	3266
3866 >E	Niagara 230kV West Voltage	Ph2 DC 1500	142.1	218.5	196.8	3266
3872 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	64.8	327.8	327.8	3872
3872 >E	Niagara 345kV Voltage	Gordon Rd.-N.Scot 345	64.8	327.8	327.8	3872
3980 >E	Niagara 345kV Voltage	Volney-Marcy	68.5	327.8	326.1	3909
4062 >E	Goethals 345kV Voltage	SBK Edic R70	84.1	327.8	331.6	3380
4129 >E	Millwood 345kV Voltage	Marcy South S.	106.5	327.8	310.3	3930
4214 >E	Dunwoodie 345kV Voltage	Marcy South S.	127.5	327.8	312.4	3991
4224 >E	Sprain Brook 345kV Voltage	Marcy South S.	127.1	327.8	312.0	3998
4255 >E	Niagara 230kV East Voltage	Marcy South S.	157.5	218.5	222.2	4021
4255 >E	Niagara 230kV West Voltage	Marcy South S.	157.5	218.5	222.2	4021
4386 >E	Rainey 345kV Voltage	Ph2 DC 1500	93.4	327.8	318.2	3568
4419 >E	Farragut 345kV Voltage	Ph2 DC 1500	96.6	327.8	318.5	3587
4452 >E	Buchanan North 345kV Voltage	Marcy South S.	116.9	327.8	296.1	4164
4531 >E	Buchanan South 345kV Voltage	Marcy South S.	113.4	327.8	301.0	4221
4555 >E	Buchanan North 345kV Voltage	Marcy South N.	124.6	327.8	330.4	3257
4729 >E	Rock Tavern 345kV Voltage	Marcy South N.	97.5	327.8	314.8	3307

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\18_OS\Sum2023_CEVC_PH2_30_18_OS.xlsx

1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4775 >E	Roseton 345kV Voltage	Marcy South N.	101.9	327.8	332.7	3320
5018 >E	Millwood 345kV Voltage	Marcy South N.	141.3	327.8	332.3	3391
5077 >E	Ramapo 345kV Voltage	Marcy South N.	122.6	327.8	330.2	3408
5128 >E	Buchanan South 345kV Voltage	Marcy South N.	136.3	327.8	332.2	3422
5172 >E	Goethals 345kV Voltage	Ph2 DC 1500	127.1	327.8	319.6	4024
5270 >E	Watercure 230kV Voltage	Marcy South S.	135.6	207	247.5	4756
5336 >E	Ramapo 345kV Voltage	Marcy South S.	126.9	327.8	274.5	4804
5358 >E	Sprain Brook 345kV Voltage	Marcy South N.	177.4	327.8	330.2	3489
5398 >E	Dunwoodie 345kV Voltage	Marcy South N.	180.3	327.8	330.1	3500
5583 >E	Ladentown 345kV Voltage	Marcy South N.	136.3	327.8	331.6	3554
5703 >E	Ladentown 345kV Voltage	Marcy South S.	137.4	327.8	272.0	5070
6179 >E	Bowline 1 345kV Voltage	Marcy South N.	150.1	327.8	332.1	3726
6224 >E	Bowline 2 345kV Voltage	Marcy South N.	149.4	327.8	332.1	3739
6475 >E	Bowline 2 345kV Voltage	Marcy South S.	154.8	327.8	257.8	5629
6479 >E	Bowline 1 345kV Voltage	Marcy South S.	157.2	327.8	257.4	5632
6595 >E	Northport 138kV Voltage	SBK Princetown 345	367.1	131.1	134.5	3137
7850 >E	Northport 138kV Voltage	SBK Edic R70	467.4	131.1	132.6	6248
9952 >E	Northport 138kV Voltage	Ph2 DC 1500	632.6	131.1	127.8	6798
12336 >E	Rainey 345kV Voltage	Marcy South S.	385.5	327.8	307.6	9874
12445 >E	Farragut 345kV Voltage	Marcy South S.	397.5	327.8	308.1	9953
15855 >E	Goethals 345kV Voltage	Marcy South S.	534.9	327.8	309.1	12422
16285 >E	Rainey 345kV Voltage	Marcy South N.	525.2	327.8	333.5	6649
16335 >E	Farragut 345kV Voltage	Marcy South N.	537.9	327.8	333.6	6663
20876 >E	Goethals 345kV Voltage	Marcy South N.	721.1	327.8	334.6	7976
53570 >E	Northport 138kV Voltage	Marcy South S.	4045.8	131.1	117.4	39739
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
99998 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

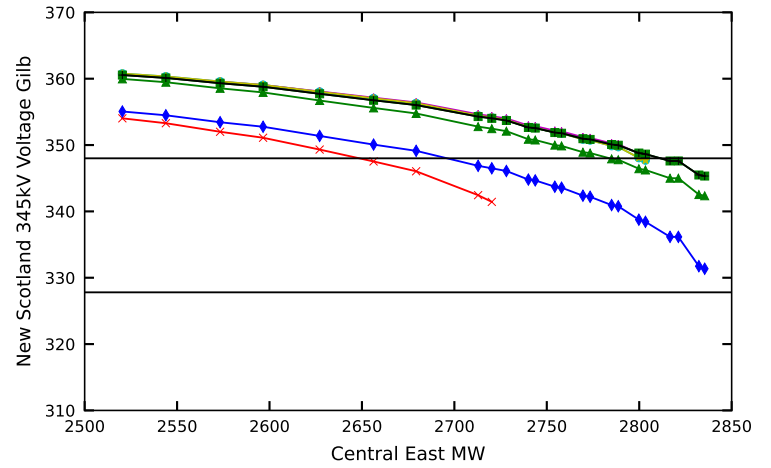
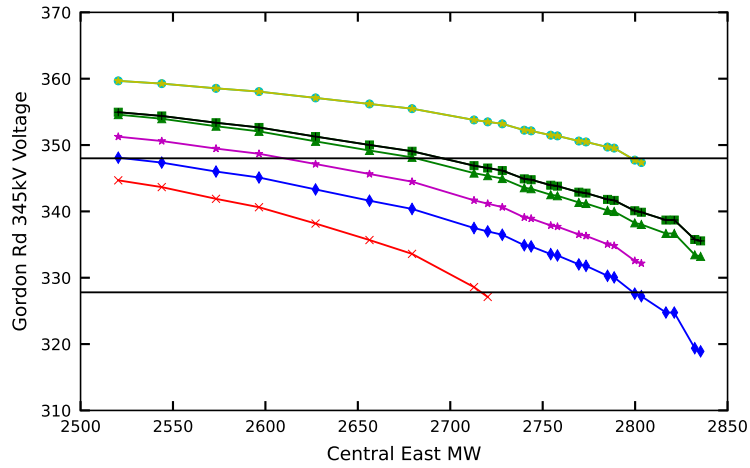
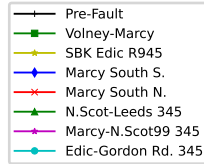
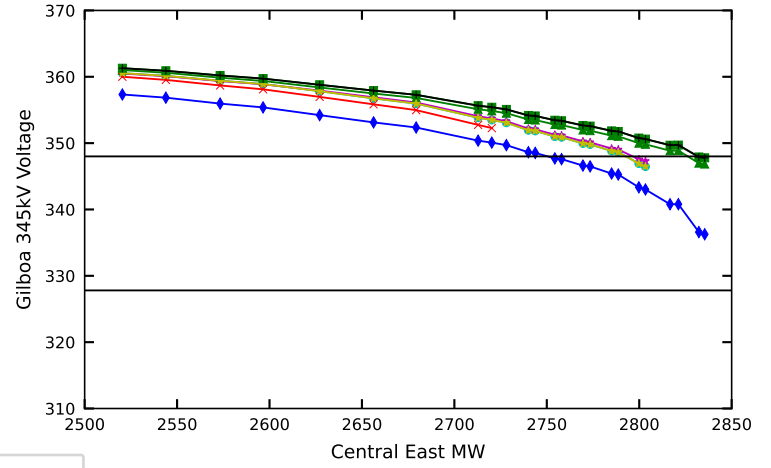
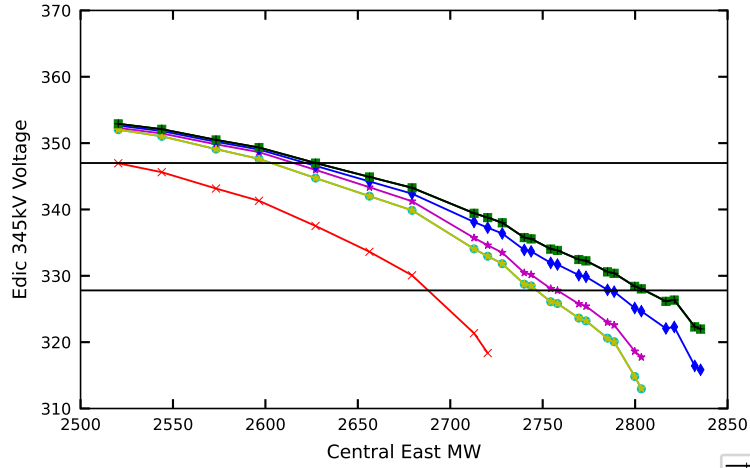
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1: 2023S CEVC PH2 CE1770 MS2270 DE1300 30 18 OS

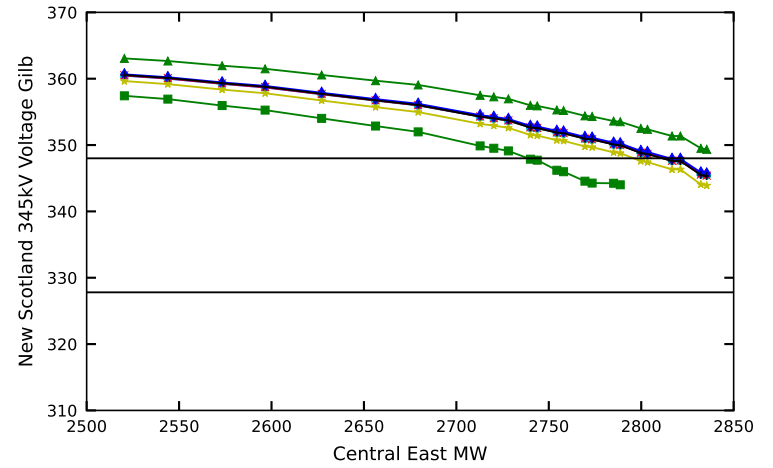
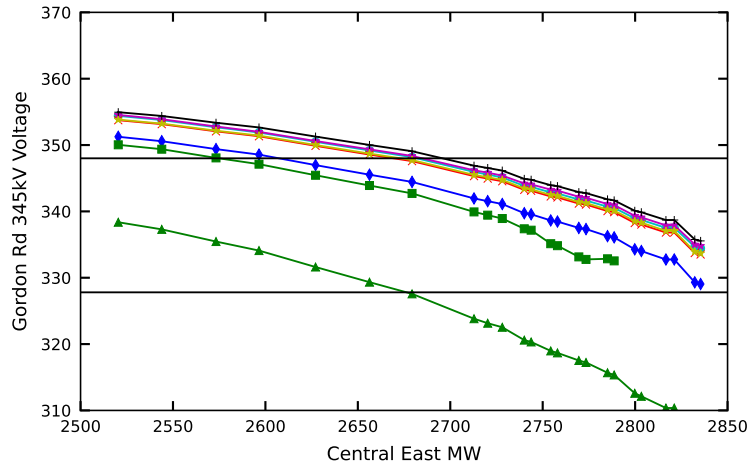
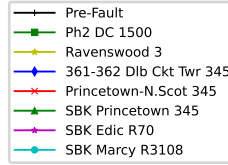
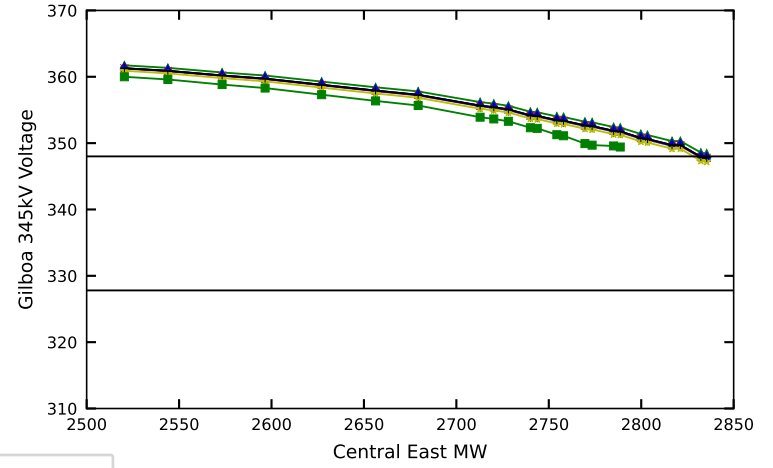
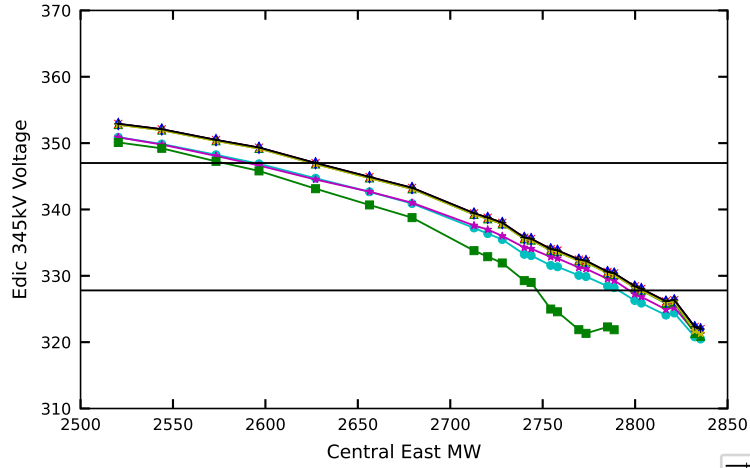
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						
99998	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Gordon Rd.-N.Scot 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
>E						
99998	Watercure 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
>E						
99999	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

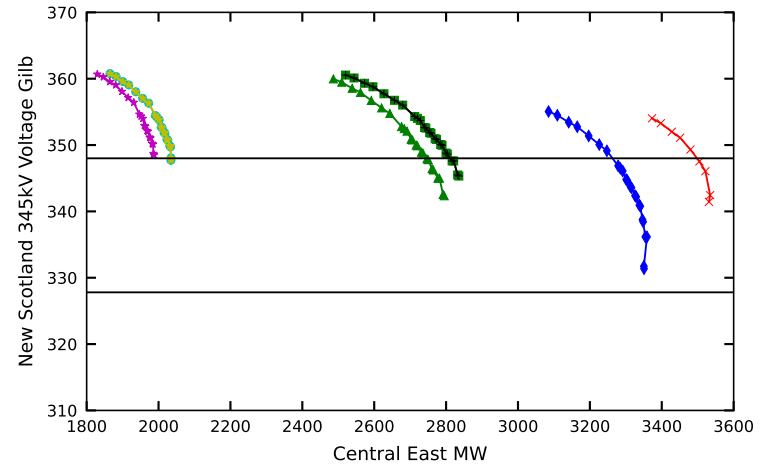
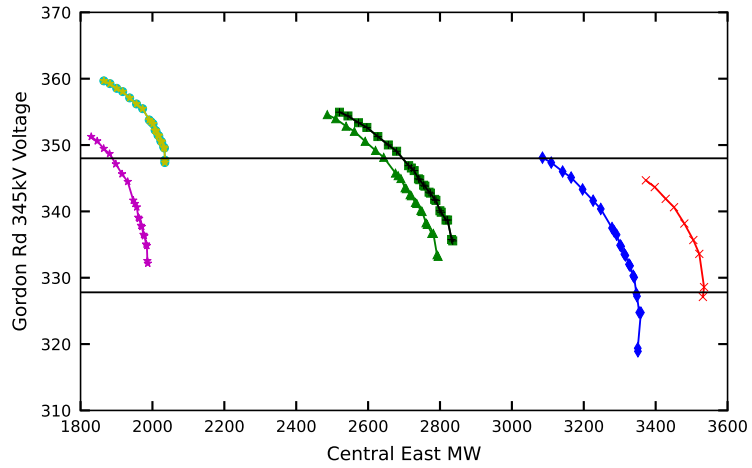
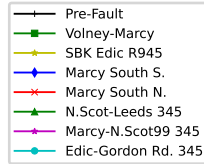
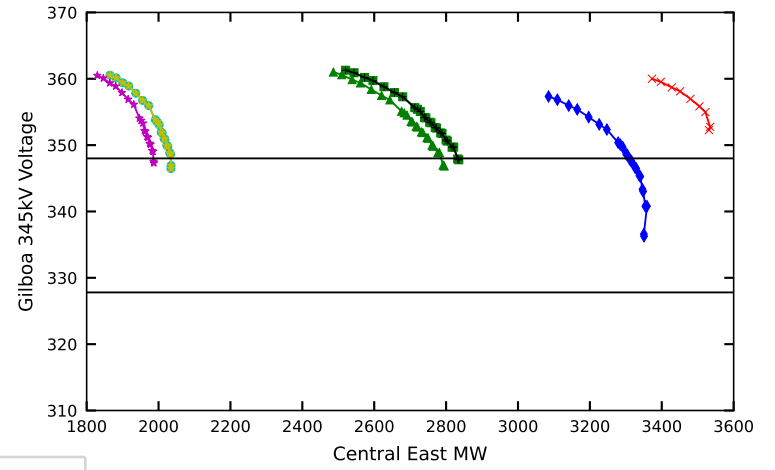
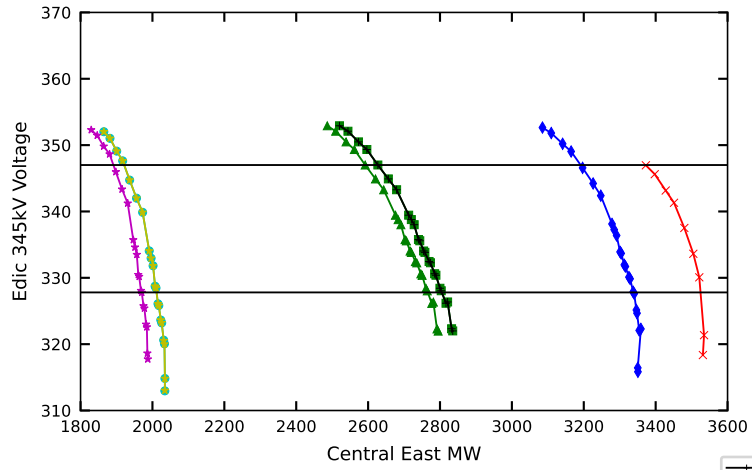
1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 05 Figure 1



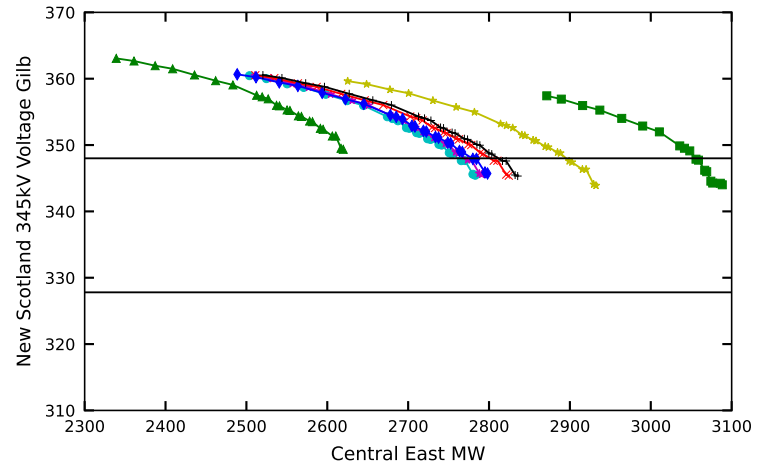
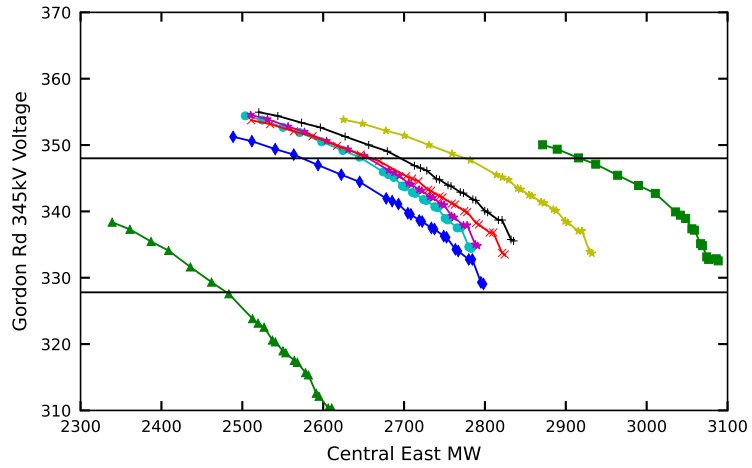
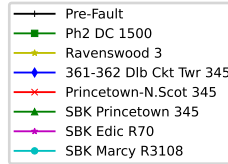
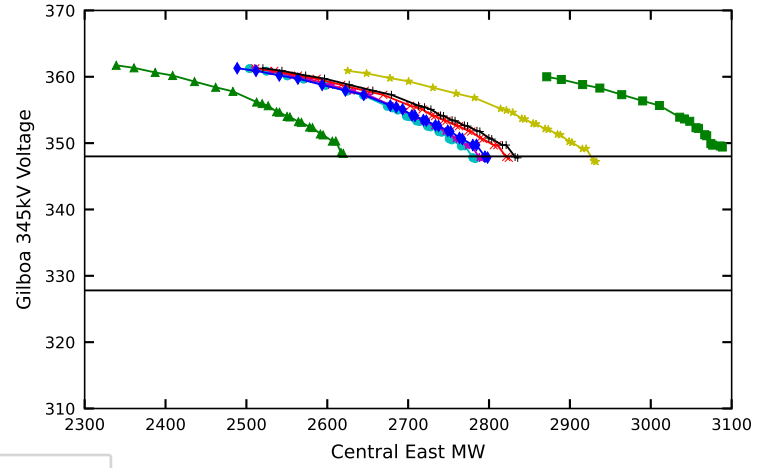
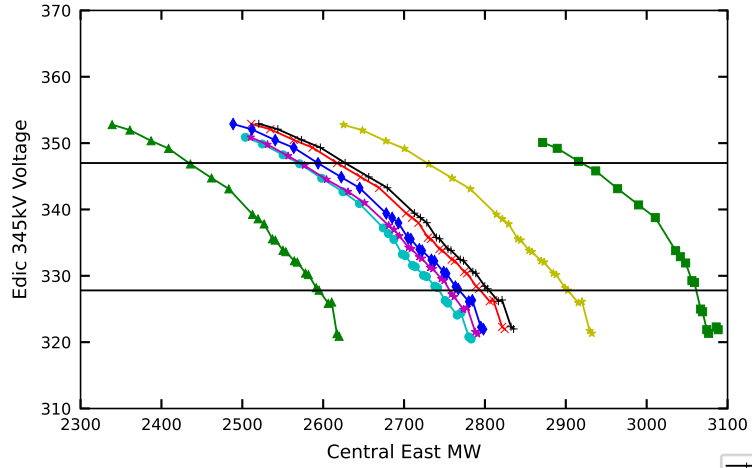
1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 05 Figure 2



1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 05 Figure 1



1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 3O 19 OS

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2520	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2543	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2573	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2596	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2627	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2656	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2679	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2712	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2720	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2728	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2740	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2743	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2754	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2757	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2769	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2773	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2785	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2788	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2799	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	9															
2803	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	0															
2816	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	1															
2821	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	2															
2832	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	3															
2835	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	4															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 3O 19 OS

Interface: Central East

	t	t	t	t	t	t	t	t	t	t	t1	t1	t1	t1	t1	t1	t1	t1	t1	t1	t2	t2	t2	t2	t2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	0
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic- Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce02) Marcy- N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce03) N.Scot- Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce13) Volney- Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princeto wn 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princeto wn- N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 3O 19 OS

Interface: Central East

Ravensw

ood 3

log15) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 2 2 2 2 2

Ph2 DC

1500

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2436 <E	Dunwoodie 345kV Voltage	Pre-Fault	103.5	NA	348	2436
2447 <E	Sprain Brook 345kV Voltage	Pre-Fault	103.6	NA	348	2447
2577	limit with 5% margin	Marcy South N.	NA	NA	NA	3357
2615	Marcy 345kV Voltage	Pre-Fault	13.0	NA	348	2615
2627	Edic 345kV Voltage	Pre-Fault	13.9	NA	347	2627
2649	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2933
2659	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1932
2659	limit with 5% margin	SBK Edic R945	NA	NA	NA	1932
2663	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1887
2676	Gordon Rd 345kV Voltage	SBK Princetown 345	13.1	327.8	349.2	2480
2680	limit with 5% margin	Marcy South S.	NA	NA	NA	3190
2688	Edic 345kV Voltage	Marcy South N.	3.8	327.8	342.3	3524
2689	Marcy 345kV Voltage	Marcy South N.	3.8	327.8	342.2	3525
2693	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2655
2693	limit with 5% margin	Volney-Marcy	NA	NA	NA	2693
2693	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2643
2693	limit with 5% margin	SBK Edic R70	NA	NA	NA	2651
2693	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2488
2693	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2683
2693	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2658
2693	limit with 5% margin	Ravenswood 3	NA	NA	NA	2785
2694	Pannell Road 345kV Voltage	Pre-Fault	14.3	NA	346	2694
2695	Gordon Rd 345kV Voltage	Pre-Fault	15.4	NA	348	2695
2697	Station 80 345kV Voltage	Pre-Fault	14.6	NA	346	2697
2703	Clay 345kV Voltage	Pre-Fault	11.6	NA	345	2703
2710	Clay 345kV Voltage	Marcy South N.	4.6	327.8	344.4	3533
2718 >E	Gordon Rd 345kV Voltage	Marcy South N.	6.7	327.8	346.5	3536
2720 >E	Oakdale 345kV Voltage	Marcy South N.	4.4	320	342.9	3537
2722	Millwood 345kV Voltage	Pre-Fault	101.1	NA	348	2722
2745	Marcy 345kV Voltage	SBK Edic R945	4.4	327.8	335.4	2010
2745	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	335.4	2010
2746	Edic 345kV Voltage	SBK Edic R945	4.4	327.8	335.1	2011
2746	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	335.1	2011
2746	Edic 345kV Voltage	Ph2 DC 1500	2.6	327.8	335.1	3061
2747	Marcy 345kV Voltage	Ph2 DC 1500	2.6	327.8	335.1	3061
2751 >E	Pannell Road 345kV Voltage	Marcy South N.	6.5	327.8	342.0	3549
2757	Edic 345kV Voltage	Marcy-N.Scot99 345	13.0	327.8	333.8	1970
2762	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	333.4	1972
2770 >E	Station 80 345kV Voltage	Marcy South N.	7.3	327.8	340.9	3557
2784	Oakdale 345kV Voltage	Pre-Fault	7.7	NA	335	2784

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2786	Edic 345kV Voltage	Marcy South S.	12.7	327.8	330.5	3338
2789	Buchanan North 345kV Voltage	Pre-Fault	29.8	NA	346	2789
2789	Marcy 345kV Voltage	Marcy South S.	4.5	327.8	330.3	3340
2791	Edic 345kV Voltage	SBK Marcy R3108	5.8	327.8	330.0	2743
2792	Clay 345kV Voltage	SBK Edic R945	2.7	327.8	336.9	2033
2792	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	336.9	2033
2796	Edic 345kV Voltage	SBK Edic R70	5.4	327.8	329.0	2756
2798	Oakdale 345kV Voltage	SBK Edic R945	2.5	320	332.8	2034
2798	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.5	320	332.8	2034
2798	Gordon Rd 345kV Voltage	Marcy South S.	4.5	327.8	340.2	3345
2799	Clay 345kV Voltage	Marcy-N.Scot99 345	5.0	327.8	335.9	1985
2803	Edic 345kV Voltage	Ravenswood 3	7.0	327.8	328.0	2902
2803	Edic 345kV Voltage	SBK Princetown 345	6.7	327.8	328.0	2594
2804	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	7.1	327.8	327.9	2768
2804	Edic 345kV Voltage	N.Scot-Leeds 345	7.1	327.8	327.8	2766
2805	Edic 345kV Voltage	Princetown-N.Scot 345	7.1	327.8	327.8	2794
2805	Edic 345kV Voltage	Volney-Marcy	7.1	327.8	327.8	2805
2805	Marcy 345kV Voltage	SBK Princetown 345	6.7	327.8	327.8	2596
2805	Marcy 345kV Voltage	N.Scot-Leeds 345	7.0	327.8	327.8	2766
2805	Marcy 345kV Voltage	Volney-Marcy	7.0	327.8	327.8	2805
2805	Marcy 345kV Voltage	SBK Marcy R3108	7.0	327.8	327.8	2755
2805	Marcy 345kV Voltage	SBK Edic R70	7.0	327.8	327.8	2763
2805	Marcy 345kV Voltage	Princetown-N.Scot 345	7.0	327.8	327.8	2794
2805	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	7.0	327.8	327.8	2769
2805	Marcy 345kV Voltage	Ravenswood 3	7.0	327.8	327.8	2904
2805 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.3	320	331.4	1987
2809 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	338.6	2035
2810 >E	Fraser 345kV Voltage	SBK Edic R945	2.8	327.8	338.6	2035
2811	New Scotland 345kV Voltage Alps	Pre-Fault	12.8	NA	348	2811
2811	New Scotland 345kV Voltage Gilb	Pre-Fault	12.8	NA	348	2811
2811 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	340.6	2036
2812 >E	Coopers Corners 345kV Voltage	SBK Edic R945	3.6	327.8	340.5	2036
2822 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	337.5	2037
2822	Fraser 345kV Voltage	Pre-Fault	3.3	NA	338	2822
2822 >E	Pannell Road 345kV Voltage	SBK Edic R945	4.5	327.8	337.5	2037
2824 >E	Clay 345kV Voltage	Ph2 DC 1500	11.3	327.8	335.8	3112
2829	Rock Tavern 345kV Voltage	Pre-Fault	8.1	NA	348	2829
2829 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.3	327.8	337.5	1996
2831	Gilboa 345kV Voltage	Pre-Fault	6.2	NA	348	2831

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2832	Coopers Corners 345kV Voltage	Pre-Fault	23.5	NA	338	2832
2837 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	7.9	327.8	340.1	1998
2839 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	337.6	2039
2839 >E	Station 80 345kV Voltage	SBK Edic R945	5.4	327.8	337.6	2039
2843 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	11.5	327.8	339.3	3125
2843 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	9.1	327.8	337.4	2000
2846 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	7.4	218.5	226.1	2040
2847 >E	St.Lawrence 230kV Voltage	SBK Edic R945	7.5	218.5	226.1	2039
2849 >E	New Scotland 345kV Voltage Alps	Marcy South N.	9.3	327.8	347.2	3588
2849 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	9.3	327.8	347.2	3588
2850 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	12.4	327.8	334.5	2813
2853 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	8.0	327.8	336.1	2004
2858 >E	St.Lawrence 230kV Voltage	Pre-Fault	36.8	NA	225	2858
2858 >E	St.Lawrence 230kV Voltage	Marcy South N.	15.5	218.5	225.3	3592
2862 >E	Clay 345kV Voltage	SBK Princetown 345	10.8	327.8	329.3	2643
2862 >E	Clay 345kV Voltage	Ravenswood 3	10.9	327.8	329.3	2956
2868 >E	Clay 345kV Voltage	SBK Marcy R3108	13.1	327.8	328.9	2813
2868 >E	Ramapo 500kV Voltage	Ph2 DC 1500	28.2	500	506.7	3142
2876 >E	Pleasant Valley 345kV Voltage	Pre-Fault	93.2	NA	348	2876
2878 >E	Clay 345kV Voltage	SBK Edic R70	13.9	327.8	328.1	2830
2880 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	13.0	327.8	327.9	2843
2880 >E	Clay 345kV Voltage	N.Scot-Leeds 345	13.0	327.8	327.9	2841
2881 >E	Clay 345kV Voltage	Princetown-N.Scot 345	13.0	327.8	327.8	2870
2881 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	9.5	327.8	336.0	2013
2881 >E	Clay 345kV Voltage	Volney-Marcy	13.1	327.8	327.8	2881
2892 >E	Oakdale 345kV Voltage	Ravenswood 3	11.6	320	322.3	2982
2893 >E	Oakdale 345kV Voltage	SBK Princetown 345	11.6	320	322.2	2671
2893 >E	Oakdale 345kV Voltage	Ph2 DC 1500	11.8	320	329.9	3159
2904 >E	Oakdale 345kV Voltage	SBK Marcy R3108	12.8	320	321.3	2847
2906 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	13.2	327.8	330.8	2868
2907 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	13.9	218.5	225.3	2022
2912 >E	Gordon Rd 345kV Voltage	Ravenswood 3	13.0	327.8	330.4	3000
2912 >E	Oakdale 345kV Voltage	SBK Edic R70	13.4	320	320.7	2862
2914 >E	Ramapo 500kV Voltage	Ravenswood 3	34.0	500	505.6	3003
2915 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	14.0	327.8	330.2	2904
2917 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	12.9	320	320.3	2881
2918 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	12.9	320	320.3	2879
2918 >E	Somerset 345kV Voltage	Marcy South N.	10.9	327.8	341.3	3615

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2920 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	13.0	320	320.1	2909
2921 >E	Oakdale 345kV Voltage	Volney-Marcy	13.1	320	320.0	2921
2922 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	6.1	327.8	322.9	2048
2922 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	6.4	327.8	339.8	2048
2922 >E	Gordon Rd 345kV Voltage	SBK Edic R945	6.2	327.8	322.8	2048
2923 >E	Gilboa 345kV Voltage	SBK Edic R945	6.5	327.8	339.7	2048
2930 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	327.8	2892
2930 >E	Fraser 345kV Voltage	Volney-Marcy	13.7	327.8	327.8	2930
2930 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	13.7	327.8	327.8	2919
2930 >E	Fraser 345kV Voltage	Ravenswood 3	13.7	327.8	327.8	3017
2930 >E	Fraser 345kV Voltage	SBK Marcy R3108	13.7	327.8	327.8	2871
2930 >E	Fraser 345kV Voltage	SBK Edic R70	13.7	327.8	327.8	2879
2930 >E	Fraser 345kV Voltage	SBK Princetown 345	13.7	327.8	327.8	2704
2930 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	13.7	327.8	327.8	2894
2931 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	14.5	327.8	329.1	2872
2931 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	16.9	327.8	335.8	3185
2932 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	25.2	500	506.9	2049
2933 >E	Fraser 345kV Voltage	Marcy South N.	10.0	327.8	327.8	3621
2933 >E	Buchanan South 345kV Voltage	Pre-Fault	130.2	NA	346	2933
2933 >E	Ramapo 500kV Voltage	SBK Edic R945	25.5	500	506.9	2049
2936 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	6.7	327.8	334.4	2050
2936 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	6.7	327.8	334.4	2050
2937 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	6.8	327.8	334.3	2049
2937 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	6.8	327.8	334.3	2049
2938 >E	Gordon Rd 345kV Voltage	SBK Edic R70	14.8	327.8	328.6	2887
2939 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	25.9	500	505.2	2033
2949 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	8.2	327.8	341.2	2051
2950 >E	Rock Tavern 345kV Voltage	SBK Edic R945	8.2	327.8	341.1	2051
2950 >E	Gordon Rd 345kV Voltage	Volney-Marcy	14.9	327.8	327.8	2950
2955 >E	Niagara 230kV East Voltage	Marcy South S.	10.3	218.5	219.1	3498
2955 >E	Niagara 230kV West Voltage	Marcy South S.	10.3	218.5	219.1	3498
2957 >E	Coopers Corners 345kV Voltage	Ravenswood 3	18.3	327.8	332.7	3041
2971 >E	Pannell Road 345kV Voltage	Ravenswood 3	15.3	327.8	329.9	3053
2973 >E	Station 80 345kV Voltage	Ph2 DC 1500	19.2	327.8	335.9	3214
2976 >E	Pannell Road 345kV Voltage	SBK Princetown 345	15.6	327.8	329.6	2745
2990 >E	Watercure 230kV Voltage	Marcy South N.	17.3	207	228.8	3644
2994 >E	Fraser 345kV Voltage	Ph2 DC 1500	14.4	327.8	333.0	3228
2998 >E	St.Lawrence 230kV Voltage	Ravenswood 3	25.0	218.5	221.2	3078
3000 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	342.7	2057
3002 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	18.2	327.8	328.1	2938

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3003 >E	Somerset 345kV Voltage	SBK Edic R945	10.6	327.8	342.6	2057
3006 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	17.6	327.8	327.9	2972
3006 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	17.6	327.8	327.9	2969
3007 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	17.6	327.8	327.8	2997
3007 >E	Pannell Road 345kV Voltage	Volney-Marcy	17.7	327.8	327.8	3007
3013 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	28.3	218.5	220.8	2948
3013 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	31.2	218.5	225.0	3241
3016 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	21.0	327.8	330.2	2780
3017 >E	Station 80 345kV Voltage	Ravenswood 3	17.2	327.8	330.0	3094
3017 >E	Pannell Road 345kV Voltage	SBK Edic R70	19.2	327.8	327.3	2960
3028 >E	St.Lawrence 230kV Voltage	SBK Edic R70	31.1	218.5	220.4	2970
3028 >E	Station 80 345kV Voltage	SBK Princetown 345	17.6	327.8	329.4	2791
3036 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	15.3	327.8	342.4	3257
3036 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	15.3	327.8	342.4	3257
3038 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	11.7	207	231.6	2062
3042 >E	Watercure 230kV Voltage	SBK Edic R945	11.9	207	231.5	2061
3053 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	30.7	218.5	219.7	2813
3057 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	23.1	327.8	328.5	3022
3058 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	19.9	327.8	336.5	3272
3059 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	19.6	327.8	327.9	3026
3059 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	19.6	327.8	327.9	3024
3060 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	19.6	327.8	327.8	3050
3060 >E	Station 80 345kV Voltage	Volney-Marcy	19.6	327.8	327.8	3060
3062 >E	Station 80 345kV Voltage	SBK Marcy R3108	20.5	327.8	327.7	2994
3064 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	13.4	327.8	339.3	2075
3064 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	23.3	327.8	328.1	3031
3067 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	16.3	327.8	336.7	2065
3068 >E	Buchanan North 345kV Voltage	SBK Edic R945	16.4	327.8	336.6	2064
3070 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	23.5	327.8	327.9	3060
3072 >E	Coopers Corners 345kV Voltage	Volney-Marcy	23.5	327.8	327.8	3072
3078 >E	Station 80 345kV Voltage	SBK Edic R70	21.5	327.8	326.9	3017
3079 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	16.8	327.8	333.1	3044
3079 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	16.8	327.8	333.1	3044
3089 >E	Gilboa 345kV Voltage	Marcy South N.	15.1	327.8	337.3	3683
3090 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	14.3	327.8	339.8	2068
3092 >E	Ramapo 345kV Voltage	SBK Edic R945	14.3	327.8	339.7	2067
3097 >E	St.Lawrence 230kV Voltage	Volney-Marcy	36.8	218.5	218.5	3097
3098 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	36.8	218.5	218.5	3088

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3098 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	36.8	218.5	218.5	3066
3099 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	36.8	218.5	218.5	3064
3114 >E	Coopers Corners 345kV Voltage	SBK Edic R70	24.6	327.8	326.0	3050
3118 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	24.8	327.8	325.9	3046
3119 >E	Ramapo 345kV Voltage	Pre-Fault	101.1	NA	346	3119
3121 >E	Niagara 345kV Voltage	Marcy South N.	15.6	327.8	340.4	3695
3121 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	17.8	327.8	330.9	3188
3121 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	17.8	327.8	330.9	3188
3129 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	14.9	327.8	339.8	2072
3130 >E	Ladentown 345kV Voltage	SBK Edic R945	15.0	327.8	339.8	2071
3135 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	17.2	327.8	336.5	2073
3136 >E	Buchanan South 345kV Voltage	SBK Edic R945	17.3	327.8	336.5	2072
3139 >E	Ramapo 500kV Voltage	SBK Princetown 345	43.7	500	500.9	2890
3140 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	16.3	327.8	333.5	2101
3140 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	16.3	327.8	333.5	2101
3141 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	18.7	327.8	334.8	2074
3142 >E	Millwood 345kV Voltage	SBK Edic R945	18.8	327.8	334.8	2072
3146 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	17.4	327.8	339.5	2103
3148 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	22.0	327.8	333.6	2074
3149 >E	Sprain Brook 345kV Voltage	SBK Edic R945	22.1	327.8	333.6	2073
3150 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	22.3	327.8	333.5	2075
3151 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	14.9	327.8	340.6	2075
3151 >E	Dunwoodie 345kV Voltage	SBK Edic R945	22.4	327.8	333.5	2073
3153 >E	Bowline 1 345kV Voltage	SBK Edic R945	15.0	327.8	340.6	2073
3157 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	14.9	327.8	340.8	2075
3159 >E	Bowline 2 345kV Voltage	SBK Edic R945	14.9	327.8	340.8	2074
3161 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	46.3	500	500.5	3128
3175 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	47.2	500	500.2	3144
3180 >E	Ramapo 500kV Voltage	SBK Marcy R3108	47.3	500	500.1	3103
3180 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	16.0	327.8	338.0	2078
3181 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	47.8	500	500.1	3172
3182 >E	Roseton 345kV Voltage	SBK Edic R945	16.1	327.8	337.9	2077
3183 >E	Ramapo 500kV Voltage	SBK Edic R70	47.7	500	500.0	3114
3184 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	19.9	327.8	327.8	3184
3184 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	19.9	327.8	327.8	3184
3184 >E	Ramapo 500kV Voltage	Pre-Fault	48.1	NA	500	3184
3184 >E	Ramapo 500kV Voltage	Volney-Marcy	48.1	500	500.0	3184
3185 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	19.9	327.8	327.7	3176
3185 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	19.9	327.8	327.7	3176

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3188 >E	Leeds 345kV Voltage	Pre-Fault	40.3	NA	345	3188
3189 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	20.1	327.8	327.5	3112
3189 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	20.1	327.8	327.5	3112
3194 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	20.1	327.8	327.3	3164
3194 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	20.1	327.8	327.3	3164
3195 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	20.3	327.8	327.2	3125
3195 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	20.3	327.8	327.2	3125
3201 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	21.3	327.8	344.0	2121
3214 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	18.4	327.8	332.7	2082
3215 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	18.5	327.8	332.7	2080
3215 >E	Niagara 230kV East Voltage	Marcy South N.	37.3	218.5	227.3	3732
3215 >E	Niagara 230kV West Voltage	Marcy South N.	37.3	218.5	227.3	3732
3262 >E	Gilboa 345kV Voltage	Ph2 DC 1500	21.9	327.8	340.0	3410
3264 >E	Ladentown 345kV Voltage	Pre-Fault	104.0	NA	346	3264
3270 >E	Somerset 345kV Voltage	Pre-Fault	34.0	NA	338	3270
3275 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	23.1	327.8	329.8	3245
3280 >E	Ramapo 500kV Voltage	Marcy South N.	68.9	500	500.5	3758
3288 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	21.0	327.8	322.6	3021
3288 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	21.0	327.8	322.6	3021
3288 >E	Gilboa 345kV Voltage	Ravenswood 3	23.4	327.8	329.3	3337
3293 >E	Leeds 345kV Voltage	Marcy South N.	20.8	327.8	342.0	3763
3312 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	18.4	327.8	327.8	2093
3312 >E	Leeds 345kV Voltage	SBK Edic R945	18.4	327.8	327.8	2091
3319 >E	Gilboa 345kV Voltage	SBK Marcy R3108	24.3	327.8	328.0	3233
3321 >E	Gilboa 345kV Voltage	SBK Edic R70	24.4	327.8	327.9	3243
3322 >E	Coopers Corners 345kV Voltage	Marcy South N.	20.0	327.8	303.9	3775
3324 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	24.5	327.8	327.8	3315
3324 >E	Gilboa 345kV Voltage	Volney-Marcy	24.5	327.8	327.8	3324
3325 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	24.5	327.8	327.8	3297
3341 >E	Gilboa 345kV Voltage	SBK Princetown 345	24.5	327.8	327.1	3069
3355 >E	Watercure 230kV Voltage	Pre-Fault	30.3	NA	215	3355
3384 >E	Watercure 230kV Voltage	Ph2 DC 1500	27.1	207	220.5	3493
3392 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	21.7	327.8	347.6	2103
3401 >E	Niagara 345kV Voltage	SBK Edic R945	22.0	327.8	347.5	2101
3426 >E	Somerset 345kV Voltage	Ph2 DC 1500	32.2	327.8	339.4	3522
3437 >E	Pleasant Valley 345kV Voltage	Marcy South N.	32.5	327.8	335.0	3820
3438 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	48.3	218.5	229.3	2108
3438 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	48.3	218.5	229.3	2108

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3449 >E	Niagara 230kV East Voltage	SBK Edic R945	49.1	218.5	229.2	2106
3449 >E	Niagara 230kV West Voltage	SBK Edic R945	49.1	218.5	229.2	2106
3469 >E	Roseton 345kV Voltage	Pre-Fault	103.5	NA	345	3469
3474 >E	Watercure 230kV Voltage	Ravenswood 3	26.5	207	211.1	3503
3474 >E	Somerset 345kV Voltage	Ravenswood 3	28.9	327.8	332.0	3503
3491 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	41.4	327.8	339.8	2220
3499 >E	Watercure 230kV Voltage	SBK Princetown 345	27.0	207	210.3	3209
3510 >E	Rock Tavern 345kV Voltage	Ravenswood 3	42.3	327.8	338.4	3535
3519 >E	Ramapo 500kV Voltage	Marcy South S.	92.7	500	503.1	4084
3519 >E	Buchanan North 345kV Voltage	Ravenswood 3	63.8	327.8	337.9	3543
3526 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	35.0	327.8	343.4	2232
3534 >E	Somerset 345kV Voltage	SBK Princetown 345	30.8	327.8	330.2	3240
3535 >E	Bowline 1 345kV Voltage	Pre-Fault	104.0	NA	345	3535
3576 >E	Watercure 230kV Voltage	SBK Marcy R3108	30.0	207	207.7	3473
3582 >E	Bowline 2 345kV Voltage	Pre-Fault	103.8	NA	345	3582
3584 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	29.9	207	207.5	3560
3587 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	29.9	207	207.4	3564
3589 >E	Sprain Brook 345kV Voltage	Marcy South N.	49.4	327.8	327.3	3880
3594 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	30.2	207	207.1	3587
3594 >E	Dunwoodie 345kV Voltage	Marcy South N.	50.1	327.8	327.4	3882
3598 >E	Watercure 230kV Voltage	Volney-Marcy	30.3	207	207.0	3598
3615 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	34.0	327.8	327.9	3592
3616 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	34.0	327.8	327.9	3594
3617 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	34.0	327.8	327.8	3610
3617 >E	Watercure 230kV Voltage	SBK Edic R70	31.4	207	206.4	3518
3617 >E	Somerset 345kV Voltage	Volney-Marcy	34.0	327.8	327.8	3617
3621 >E	Niagara 230kV East Voltage	Pre-Fault	119.3	NA	225	3621
3621 >E	Niagara 230kV West Voltage	Pre-Fault	119.3	NA	225	3621
3626 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	49.7	327.8	341.8	3658
3642 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	37.7	327.8	344.1	2271
3653 >E	Somerset 345kV Voltage	SBK Marcy R3108	35.7	327.8	326.8	3544
3691 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	66.5	218.5	225.8	2287
3691 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	66.5	218.5	225.8	2287
3691 >E	Millwood 345kV Voltage	Marcy South N.	48.1	327.8	327.7	3920
3695 >E	Somerset 345kV Voltage	SBK Edic R70	37.4	327.8	325.5	3591
3697 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	37.5	327.8	345.2	2289
3706 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	42.4	327.8	343.6	3712
3711 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	33.0	327.8	342.1	2294
3714 >E	Gardenville 230kV Voltage	Marcy South N.	41.6	207	227.3	3929

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3715 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	37.5	327.8	345.5	2295
3725 >E	Leeds 345kV Voltage	Ph2 DC 1500	33.5	327.8	344.0	3725
3780 >E	Ramapo 345kV Voltage	Ravenswood 3	58.0	327.8	339.5	3776
3789 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	50.1	327.8	341.6	2321
3791 >E	Ramapo 345kV Voltage	Ph2 DC 1500	47.1	327.8	345.1	3770
3809 >E	Sprain Brook 345kV Voltage	Ravenswood 3	120.4	327.8	338.2	3803
3829 >E	Dunwoodie 345kV Voltage	Ravenswood 3	124.6	327.8	338.2	3820
3832 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	47.7	327.8	345.7	3798
3837 >E	Buchanan South 345kV Voltage	Ravenswood 3	76.8	327.8	339.1	3827
3841 >E	Rock Tavern 345kV Voltage	Marcy South N.	40.0	327.8	314.4	3979
3850 >E	Roseton 345kV Voltage	Marcy South N.	42.5	327.8	329.1	3983
3859 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	53.8	327.8	344.9	3816
3868 >E	Ladentown 345kV Voltage	Ph2 DC 1500	47.5	327.8	346.4	3823
3874 >E	Ladentown 345kV Voltage	Ravenswood 3	60.5	327.8	340.1	3860
3878 >E	Millwood 345kV Voltage	Ravenswood 3	93.7	327.8	338.6	3864
3881 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	40.3	327.8	327.8	3866
3881 >E	Leeds 345kV Voltage	Volney-Marcy	40.3	327.8	327.8	3881
3881 >E	Leeds 345kV Voltage	SBK Princetown 345	40.3	327.8	327.8	3549
3881 >E	Leeds 345kV Voltage	Ravenswood 3	40.3	327.8	327.8	3867
3882 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	40.3	327.8	327.8	3876
3882 >E	Leeds 345kV Voltage	SBK Edic R70	40.3	327.8	327.8	3765
3882 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	40.3	327.8	327.8	3864
3882 >E	Leeds 345kV Voltage	SBK Marcy R3108	40.3	327.8	327.8	3758
3885 >E	Buchanan North 345kV Voltage	Marcy South N.	57.1	327.8	323.8	3996
3897 >E	Buchanan South 345kV Voltage	Marcy South N.	52.9	327.8	326.0	4001
3908 >E	Millwood 345kV Voltage	Ph2 DC 1500	60.0	327.8	344.5	3850
3941 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	47.4	327.8	347.6	3872
3947 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	61.9	327.8	340.6	2374
3957 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	48.0	327.8	343.1	2377
3963 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	47.4	327.8	347.9	3887
3967 >E	Bowline 1 345kV Voltage	Ravenswood 3	60.3	327.8	340.8	3944
3993 >E	Bowline 2 345kV Voltage	Ravenswood 3	60.3	327.8	341.0	3967
3993 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	74.0	327.8	342.8	3908
4000 >E	Niagara 230kV East Voltage	Ravenswood 3	91.5	218.5	221.8	3973
4000 >E	Niagara 230kV West Voltage	Ravenswood 3	91.5	218.5	221.8	3973
4015 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	75.6	327.8	342.9	3923
4065 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	78.6	327.8	339.3	2414
4073 >E	Niagara 345kV Voltage	Pre-Fault	60.5	NA	338	4073
4098 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	81.1	327.8	339.3	2425
4102 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	65.0	327.8	330.2	3745

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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4142 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	75.1	327.8	334.4	4100
4179 >E	Roseton 345kV Voltage	Ph2 DC 1500	56.5	327.8	346.7	4034
4184 >E	Niagara 230kV East Voltage	Ph2 DC 1500	106.0	218.5	225.9	4037
4184 >E	Niagara 230kV West Voltage	Ph2 DC 1500	106.0	218.5	225.9	4037
4192 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	50.1	327.8	327.8	2457
4197 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	69.7	327.8	328.9	4189
4237 >E	Niagara 230kV East Voltage	SBK Princetown 345	107.9	218.5	219.8	3864
4237 >E	Niagara 230kV West Voltage	SBK Princetown 345	107.9	218.5	219.8	3864
4264 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	72.3	327.8	328.0	4252
4276 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	72.8	327.8	327.9	4272
4280 >E	Rock Tavern 345kV Voltage	Volney-Marcy	72.9	327.8	327.8	4280
4302 >E	Niagara 345kV Voltage	Ph2 DC 1500	55.7	327.8	342.1	4118
4310 >E	Niagara 345kV Voltage	Ravenswood 3	49.1	327.8	334.1	4250
4311 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	66.4	327.8	337.4	2497
4311 >E	Roseton 345kV Voltage	Ravenswood 3	72.6	327.8	336.9	4251
4369 >E	Rock Tavern 345kV Voltage	SBK Edic R70	75.7	327.8	326.6	4218
4388 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	118.8	218.5	218.6	4379
4388 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	118.8	218.5	218.6	4379
4389 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	118.9	218.5	218.6	4385
4389 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	118.9	218.5	218.6	4385
4394 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	119.2	218.5	218.5	4392
4394 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	119.2	218.5	218.5	4392
4395 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	76.9	327.8	326.2	4235
4397 >E	Niagara 230kV East Voltage	Volney-Marcy	119.3	218.5	218.5	4397
4397 >E	Niagara 230kV West Voltage	Volney-Marcy	119.3	218.5	218.5	4397
4397 >E	Ramapo 345kV Voltage	Marcy South N.	66.0	327.8	318.8	4198
4403 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	62.8	207	225.1	2528
4422 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	64.2	207	242.0	2221
4424 >E	Buchanan North 345kV Voltage	SBK Princetown 345	95.9	327.8	329.4	4030
4449 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	98.9	327.8	329.1	4447
4473 >E	Gardenville 230kV Voltage	SBK Edic R945	66.2	207	242.2	2220
4478 >E	Niagara 230kV East Voltage	SBK Marcy R3108	125.4	218.5	217.8	4312
4478 >E	Niagara 230kV West Voltage	SBK Marcy R3108	125.4	218.5	217.8	4312
4512 >E	Niagara 345kV Voltage	SBK Princetown 345	55.0	327.8	330.7	4109
4514 >E	Ladentown 345kV Voltage	Marcy South N.	68.1	327.8	320.0	4244
4539 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	84.1	327.8	330.2	4539
4562 >E	Niagara 230kV East Voltage	SBK Edic R70	131.7	218.5	217.1	4398
4562 >E	Niagara 230kV West Voltage	SBK Edic R70	131.7	218.5	217.1	4398

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4576 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	105.4	327.8	327.9	4571
4587 >E	Buchanan North 345kV Voltage	Princeton-N.Scot 345	106.1	327.8	327.8	4585
4591 >E	Buchanan North 345kV Voltage	Volney-Marcy	106.3	327.8	327.8	4591
4628 >E	Buchanan North 345kV Voltage	SBK Edic R70	107.1	327.8	327.5	4459
4634 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	69.8	327.8	337.2	2246
4641 >E	Rainey 345kV Voltage	SBK Edic R945	70.1	327.8	337.2	2239
4660 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	109.0	327.8	327.1	4482
4660 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	72.2	327.8	337.1	2249
4667 >E	Farragut 345kV Voltage	SBK Edic R945	72.5	327.8	337.0	2242
4684 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	60.4	327.8	327.9	4681
4684 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	60.4	327.8	327.9	4687
4688 >E	Niagara 345kV Voltage	Princeton-N.Scot 345	60.5	327.8	327.8	4687
4690 >E	Niagara 345kV Voltage	Volney-Marcy	60.5	327.8	327.8	4690
4725 >E	Ramapo 345kV Voltage	SBK Princeton 345	90.2	327.8	330.1	4298
4757 >E	Pleasant Valley 345kV Voltage	Princeton-N.Scot 345	93.0	327.8	327.8	4756
4759 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	93.2	327.8	327.8	4759
4767 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	93.2	327.8	327.7	4765
4775 >E	Pleasant Valley 345kV Voltage	SBK Princeton 345	90.8	327.8	327.6	4342
4789 >E	Niagara 345kV Voltage	SBK Marcy R3108	63.7	327.8	326.2	4601
4790 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	94.0	327.8	327.5	4610
4807 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	94.7	327.8	329.3	4813
4817 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	95.3	327.8	327.2	4627
4842 >E	Bowline 1 345kV Voltage	Marcy South N.	76.1	327.8	317.0	4374
4857 >E	Bowline 2 345kV Voltage	Marcy South N.	75.5	327.8	319.3	4380
4883 >E	Niagara 345kV Voltage	SBK Edic R70	66.7	327.8	324.6	4696
4915 >E	Ladentown 345kV Voltage	SBK Princeton 345	93.0	327.8	330.1	4466
4935 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	100.0	327.8	328.0	4936
4946 >E	Gardenville 230kV Voltage	Pre-Fault	125.6	NA	217	4946
4952 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	100.8	327.8	327.9	4952
4959 >E	Ramapo 345kV Voltage	Volney-Marcy	101.1	327.8	327.8	4959
4974 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	96.7	327.8	329.6	4984
5008 >E	Ramapo 345kV Voltage	SBK Edic R70	102.2	327.8	327.3	4813
5044 >E	Ramapo 345kV Voltage	SBK Marcy R3108	103.9	327.8	327.0	4839
5048 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	118.0	327.8	329.8	5060
5062 >E	Bowline 1 345kV Voltage	SBK Princeton 345	93.0	327.8	330.3	4597
5066 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	96.3	327.8	329.6	5078
5087 >E	Buchanan South 345kV Voltage	SBK Princeton 345	117.4	327.8	329.5	4619

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5101 >E	Roseton 345kV Voltage	SBK Princetown 345	96.3	327.8	329.2	4632
5103 >E	Bowline 2 345kV Voltage	SBK Princetown 345	92.9	327.8	330.3	4633
5130 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	96.7	327.8	329.7	5143
5130 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	102.8	327.8	328.1	5135
5149 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	103.6	327.8	327.9	5150
5156 >E	Ladentown 345kV Voltage	Volney-Marcy	104.0	327.8	327.8	5156
5170 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	96.5	327.8	329.7	5185
5203 >E	Ladentown 345kV Voltage	SBK Edic R70	104.9	327.8	327.3	4994
5240 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	103.0	327.8	327.9	5247
5240 >E	Ladentown 345kV Voltage	SBK Marcy R3108	106.5	327.8	327.0	5022
5248 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	103.4	327.8	327.8	5249
5250 >E	Roseton 345kV Voltage	Volney-Marcy	103.5	327.8	327.8	5250
5260 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	141.8	327.8	329.9	5277
5279 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	97.1	327.8	337.1	2320
5287 >E	Goethals 345kV Voltage	SBK Edic R945	97.5	327.8	337.0	2311
5288 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	129.2	327.8	327.9	5296
5295 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	102.8	327.8	328.1	5303
5297 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	129.9	327.8	327.8	5299
5299 >E	Gardenville 230kV Voltage	Ravenswood 3	92.9	207	214.2	5134
5303 >E	Buchanan South 345kV Voltage	Volney-Marcy	130.2	327.8	327.8	5303
5315 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	103.6	327.8	327.9	5318
5317 >E	Roseton 345kV Voltage	SBK Edic R70	105.4	327.8	327.2	5100
5323 >E	Bowline 1 345kV Voltage	Volney-Marcy	104.0	327.8	327.8	5323
5341 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	102.7	327.8	328.0	5349
5341 >E	Buchanan South 345kV Voltage	SBK Edic R70	130.7	327.8	327.5	5123
5358 >E	Roseton 345kV Voltage	SBK Marcy R3108	107.2	327.8	326.8	5132
5361 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	103.5	327.8	327.9	5363
5367 >E	Bowline 2 345kV Voltage	Volney-Marcy	103.8	327.8	327.8	5367
5372 >E	Bowline 1 345kV Voltage	SBK Edic R70	104.9	327.8	327.3	5152
5390 >E	Millwood 345kV Voltage	SBK Princetown 345	144.8	327.8	329.1	4888
5406 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	134.1	327.8	327.0	5177
5414 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	106.6	327.8	326.9	5184
5415 >E	Bowline 2 345kV Voltage	SBK Edic R70	104.7	327.8	327.3	5192
5448 >E	Gardenville 230kV Voltage	Ph2 DC 1500	102.3	207	222.8	4898
5458 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	106.4	327.8	326.9	5225
5603 >E	Millwood 345kV Voltage	Volney-Marcy	159.9	327.8	327.8	5603

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5605 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	159.9	327.8	327.8	5609
5606 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	159.7	327.8	327.8	5620
5628 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	190.9	327.8	329.9	5653
5645 >E	Millwood 345kV Voltage	SBK Edic R70	160.4	327.8	327.5	5406
5719 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	198.6	327.8	329.9	5746
5732 >E	Gardenville 230kV Voltage	SBK Princetown 345	109.0	207	210.7	5192
5745 >E	Millwood 345kV Voltage	SBK Marcy R3108	166.1	327.8	326.9	5492
5816 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	197.4	327.8	329.0	5267
5925 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	206.1	327.8	329.0	5363
6083 >E	Sprain Brook 345kV Voltage	Volney-Marcy	219.6	327.8	327.8	6083
6091 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	220.1	327.8	327.8	6098
6105 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	220.5	327.8	327.7	6128
6116 >E	Sprain Brook 345kV Voltage	SBK Edic R70	219.1	327.8	327.6	5845
6164 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	124.4	207	207.3	6188
6166 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	124.4	207	207.3	6204
6189 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	125.2	207	207.1	6196
6202 >E	Gardenville 230kV Voltage	Volney-Marcy	125.6	207	207.0	6202
6208 >E	Dunwoodie 345kV Voltage	Volney-Marcy	229.8	327.8	327.8	6208
6210 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	229.8	327.8	327.8	6217
6218 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	229.8	327.8	327.8	6243
6236 >E	Dunwoodie 345kV Voltage	SBK Edic R70	228.8	327.8	327.7	5956
6293 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	230.8	327.8	326.8	6002
6325 >E	Gardenville 230kV Voltage	SBK Marcy R3108	130.5	207	206.0	6032
6427 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	241.6	327.8	326.8	6127
6576 >E	Gardenville 230kV Voltage	SBK Edic R70	139.8	207	204.0	6272
7132 >E	New Scotland 345kV Voltage Alps	Marcy South S.	515.9	327.8	351.8	7838
7132 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	515.9	327.8	351.8	7838
7178 >E	Rainey 345kV Voltage	Marcy South N.	166.1	327.8	327.2	5295
7262 >E	Farragut 345kV Voltage	Marcy South N.	172.7	327.8	327.2	5328
8162 >E	Rainey 345kV Voltage	Ph2 DC 1500	203.8	327.8	352.7	6744
8167 >E	Farragut 345kV Voltage	Ph2 DC 1500	208.2	327.8	352.2	6747
8301 >E	Rainey 345kV Voltage	Ravenswood 3	279.4	327.8	346.1	7818
8510 >E	Farragut 345kV Voltage	Ravenswood 3	287.9	327.8	345.5	8004
8784 >E	Goethals 345kV Voltage	Marcy South N.	234.0	327.8	327.1	5928
9082 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	238.2	327.8	347.4	4113
9113 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	244.2	327.8	347.1	4123
9483 >E	Goethals 345kV Voltage	Ph2 DC 1500	261.9	327.8	352.9	7642

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
9869 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	556.7	131.1	134.8	2850
9891 >E	Northport 138kV Voltage	SBK Edic R945	558.4	131.1	134.8	2822
10383 >E	Goethals 345kV Voltage	Ravenswood 3	357.4	327.8	346.4	9678
11143 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	326.0	327.8	348.1	4810
13997 >E	Farragut 345kV Voltage	Pre-Fault	729.9	NA	338	13997
14123 >E	Rainey 345kV Voltage	Pre-Fault	714.8	NA	338	14123
18377 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	599.1	327.8	332.0	18706
18440 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	613.3	327.8	331.9	18770
19031 >E	Rainey 345kV Voltage	SBK Princetown 345	620.6	327.8	331.1	17001
19209 >E	Farragut 345kV Voltage	SBK Princetown 345	639.8	327.8	330.9	17159
19563 >E	Northport 138kV Voltage	Ph2 DC 1500	1321.4	131.1	146.0	14500
19864 >E	Goethals 345kV Voltage	Pre-Fault	1126.6	NA	338	19864
20717 >E	Rainey 345kV Voltage	SBK Edic R70	686.4	327.8	328.8	19434
20728 >E	Farragut 345kV Voltage	SBK Edic R70	700.3	327.8	328.8	19445
21414 >E	Rainey 345kV Voltage	Volney-Marcy	714.8	327.8	327.8	21414
21442 >E	Farragut 345kV Voltage	Volney-Marcy	729.9	327.8	327.8	21442
21545 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	719.8	327.8	327.6	21634
21576 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	735.1	327.8	327.6	21665
21683 >E	Rainey 345kV Voltage	361-362 D1b Ckt Twr 345	724.8	327.8	327.4	21992
21717 >E	Farragut 345kV Voltage	361-362 D1b Ckt Twr 345	740.3	327.8	327.4	22026
22166 >E	Farragut 345kV Voltage	SBK Marcy R3108	756.5	327.8	326.8	20780
22262 >E	Rainey 345kV Voltage	SBK Marcy R3108	745.7	327.8	326.6	20869

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
26023	Goethals 345kV Voltage	N.Scot-Leeds 345	917.2	327.8	332.5	26533
>E						
26545	Goethals 345kV Voltage	SBK Princetown 345	933.8	327.8	332.1	23674
>E						
29656	Goethals 345kV Voltage	SBK Edic R70	1057.6	327.8	329.3	27754
>E						
31355	Goethals 345kV Voltage	Volney-Marcy	1126.6	327.8	327.8	31355
>E						
31671	Goethals 345kV Voltage	Princetown-N.Scot 345	1139.0	327.8	327.5	31814
>E						
31680	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	1139.0	327.8	327.5	32172
>E						
32042	Goethals 345kV Voltage	SBK Marcy R3108	1151.6	327.8	327.2	29974
>E						
35053	Ramapo 345kV Voltage	Marcy South S.	1261.1	327.8	390.4	36853
>E						
41837	Northport 138kV Voltage	Marcy-N.Scot99 345	3071.4	131.1	145.3	15203
>E						
42777	Buchanan North 345kV Voltage	Marcy South S.	1994.0	327.8	380.5	44880
>E						
84779	Ladentown 345kV Voltage	Marcy South S.	3139.4	327.8	460.0	88527
>E						
99998	Buchanan South 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Clay 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Coopers Corners 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Fraser 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Gilboa 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Millwood 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	St.Lawrence 230kV Voltage	Marcy South S.	NA	218.5	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 D1b Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Oakdale 345kV Voltage	Marcy South S.	NA	320	NA	99998
99998 >E	Pannell Road 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Pleasant Valley 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Rock Tavern 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Roseton 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

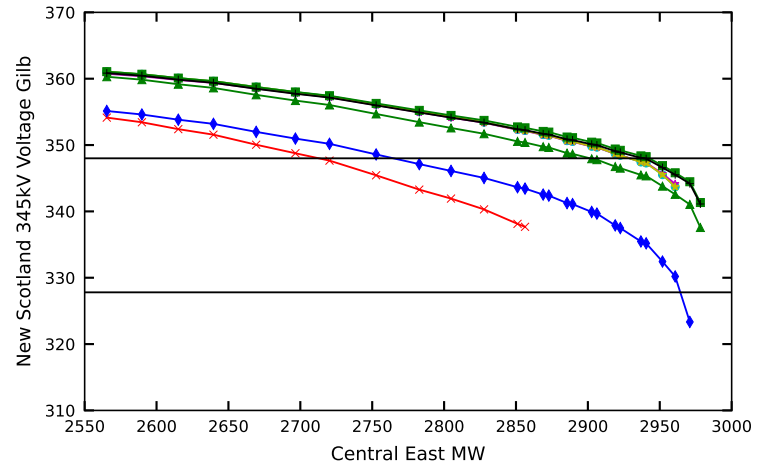
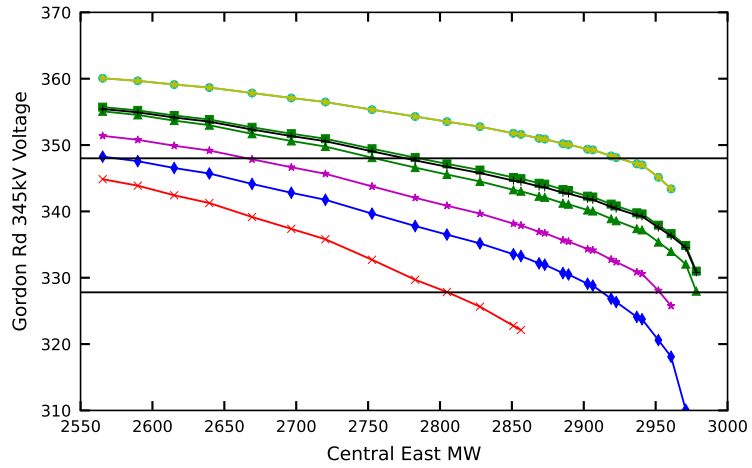
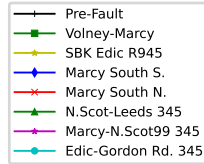
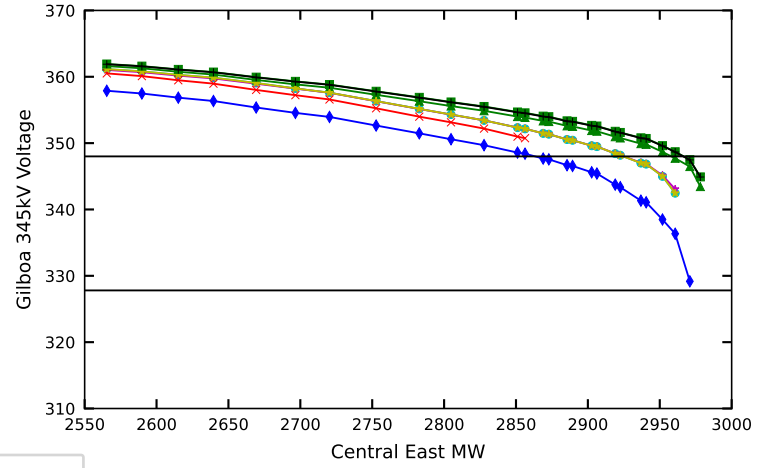
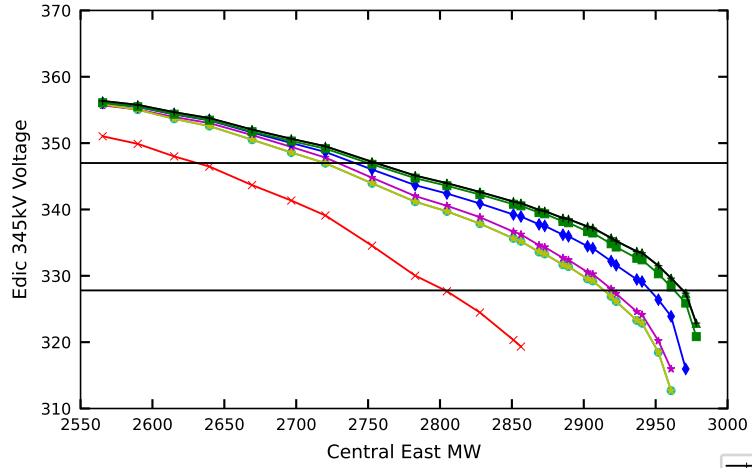
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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 19 OS

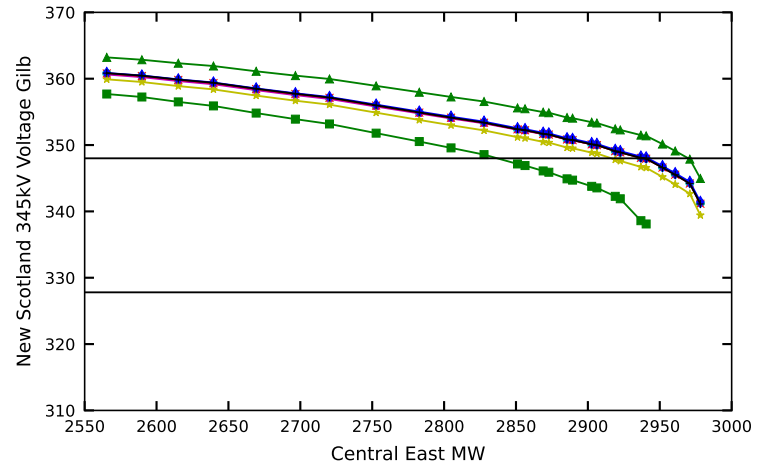
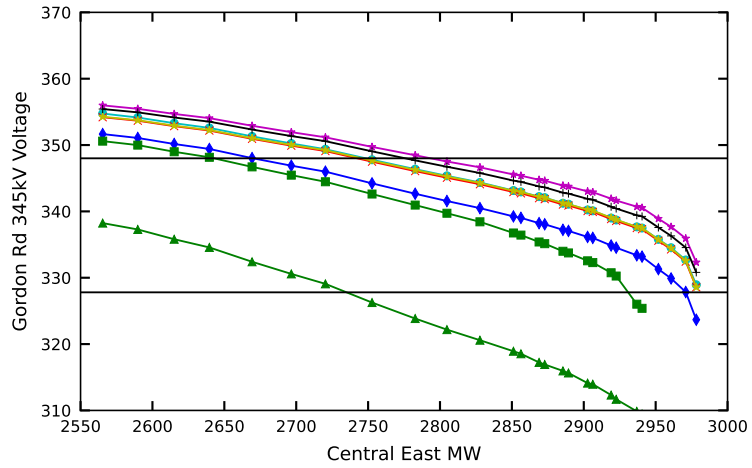
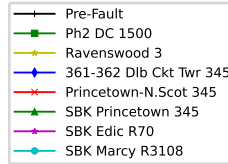
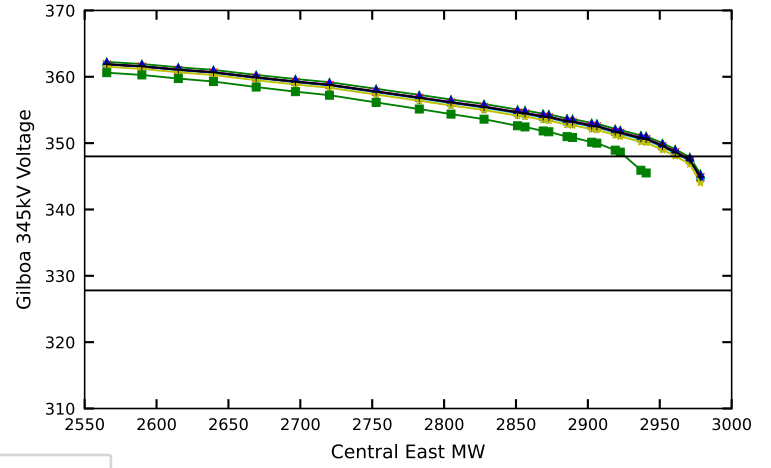
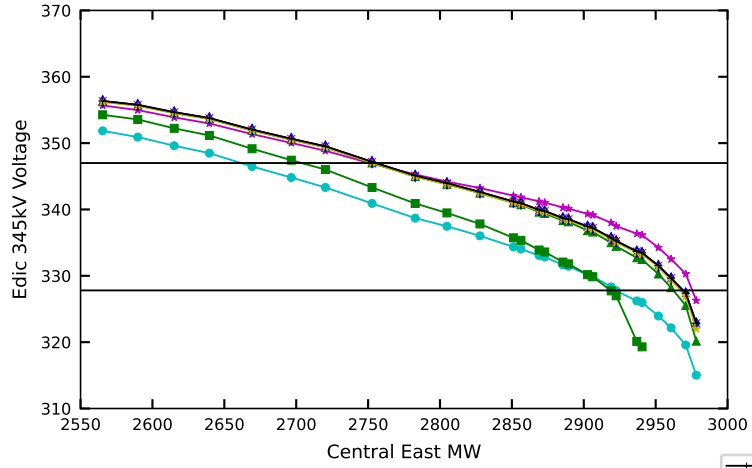
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Sprain Brook 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99999	Bowline 1 345kV Voltage	Marcy South S.	NA	327.8	NA	99999
>E						
99999	Bowline 2 345kV Voltage	Marcy South S.	NA	327.8	NA	99999
>E						
99999	Leeds 345kV Voltage	Marcy South S.	NA	327.8	NA	99999
>E						
99999	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

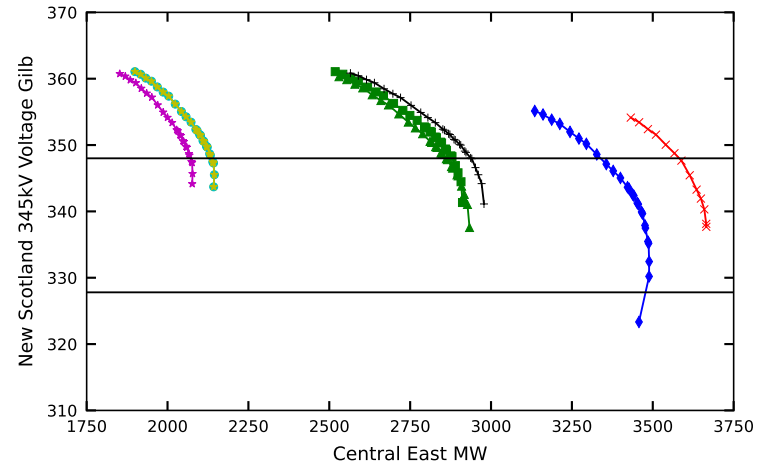
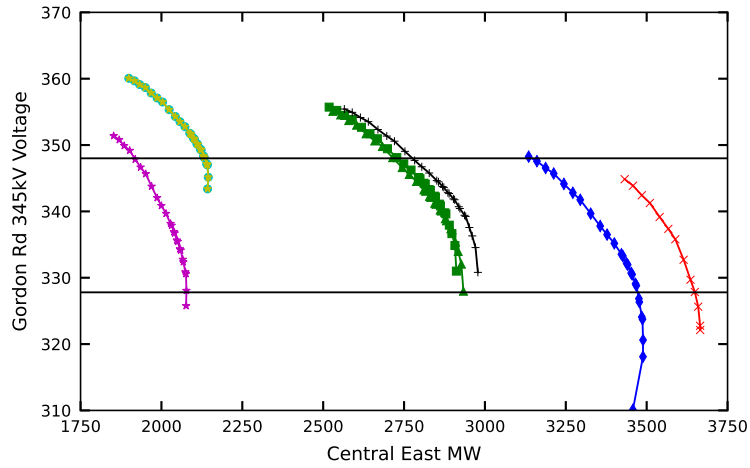
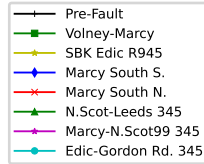
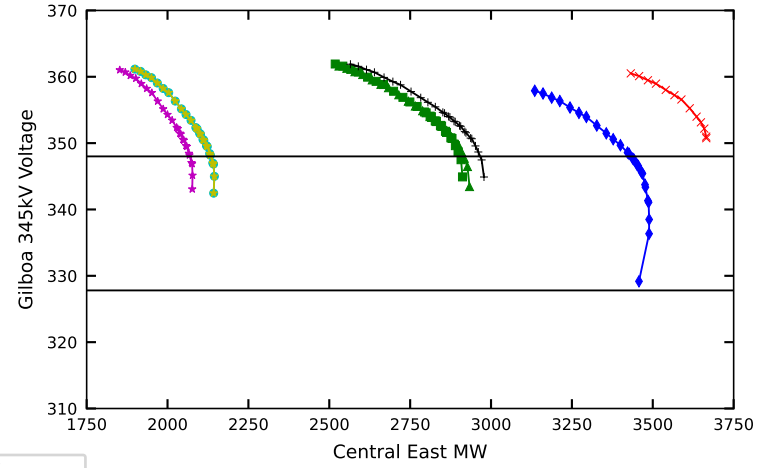
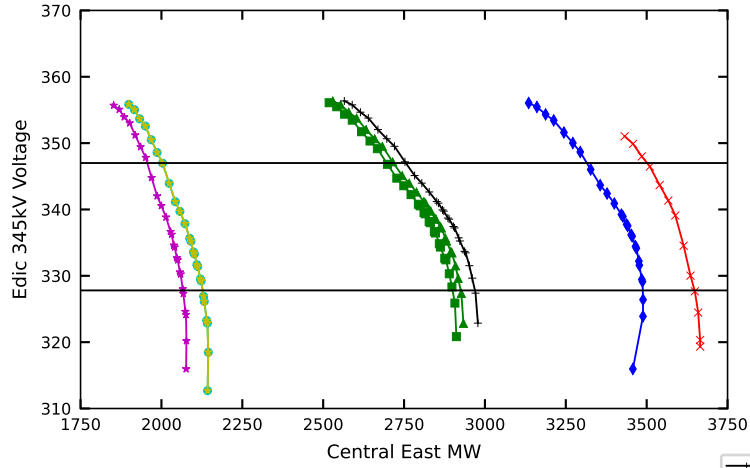
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_05 Figure 1



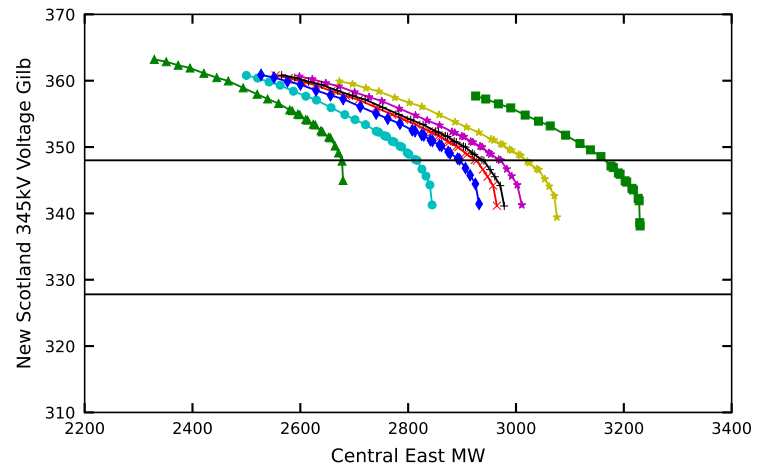
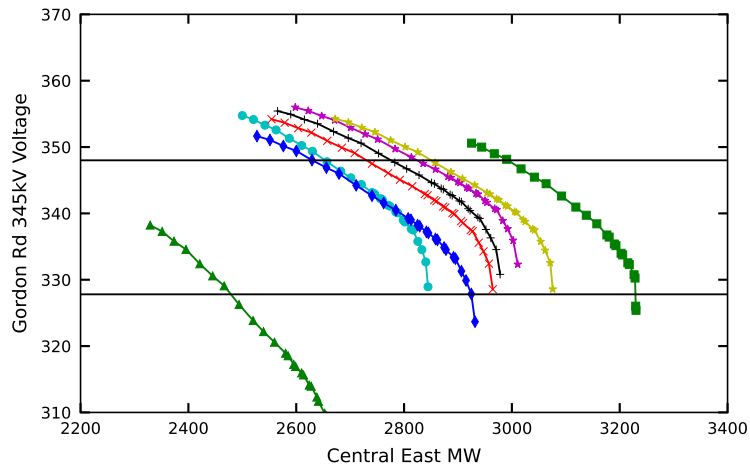
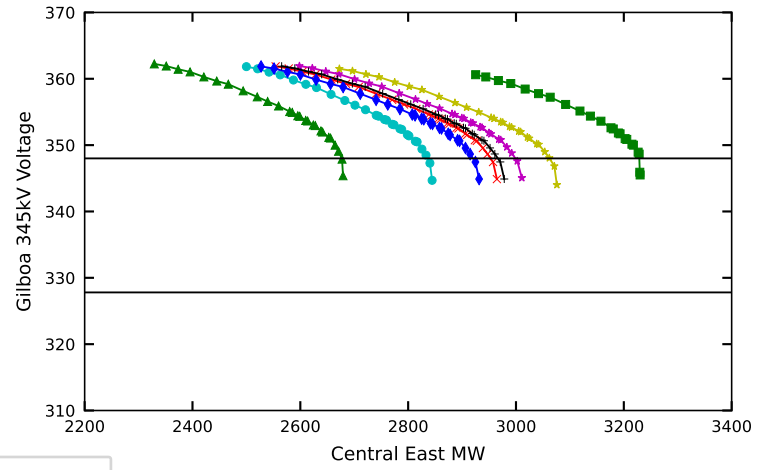
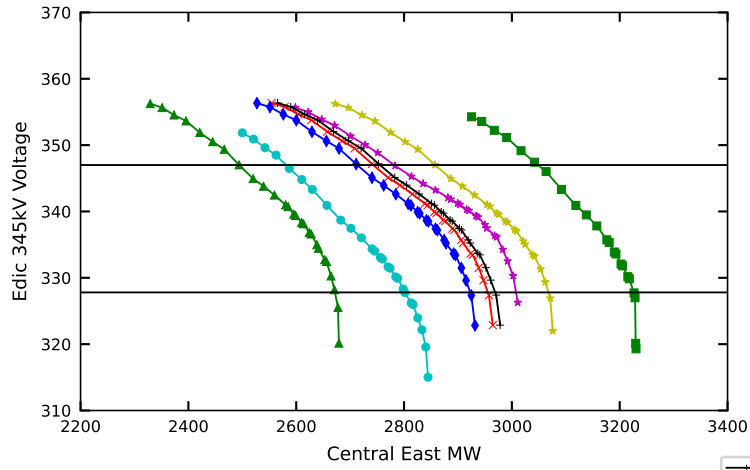
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_05 Figure 2



1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_OS Figure 1



1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_05 Figure 2



- +— Pre-Fault
- Ph2 DC 1500
- ★— Ravenswood 3
- ◆— 361-362 Dlb Ckt Twr 345
- ×— Princetown-N.Scot 345
- ▲— SBK Princetown 345
- ★— SBK Edic R70
- SBK Marcy R3108

Voltage Contingency Analysis Procedure (VCAP)

02-28-2023 15:10

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 3O 3O_OS

Interface: Central East

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\3O_OS\Sum2023_CEVC_PH2_3O_3O_OS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 3O 3O_OS

Interface: Central East

own- N.Scot 345 ce32)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
361- 362 Dlb Ckt Twr 345 log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens wood 3 log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2		
Ph2 DC 1500																											

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2478 <E	Dunwoodie 345kV Voltage	Pre-Fault	110.3	NA	348	2478
2490 <E	Sprain Brook 345kV Voltage	Pre-Fault	110.5	NA	348	2490
2713	limit with 5% margin	Marcy South N.	NA	NA	NA	3482
2735	Gordon Rd 345kV Voltage	SBK Princetown 345	11.5	327.8	349.9	2478
2741	Marcy 345kV Voltage	Pre-Fault	13.7	NA	348	2741
2755	Edic 345kV Voltage	Pre-Fault	14.5	NA	347	2755
2775	Gordon Rd 345kV Voltage	Pre-Fault	22.0	NA	348	2775
2793	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3068
2803	Edic 345kV Voltage	Marcy South N.	9.4	327.8	344.0	3648
2804	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2037
2804	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1973
2804	limit with 5% margin	Marcy South S.	NA	NA	NA	3314
2804	limit with 5% margin	SBK Edic R945	NA	NA	NA	2037
2805	Gordon Rd 345kV Voltage	Marcy South N.	10.4	327.8	346.7	3649
2806	Marcy 345kV Voltage	Marcy South N.	7.1	327.8	343.9	3649
2807	Millwood 345kV Voltage	Pre-Fault	114.1	NA	348	2807
2829	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2786
2829	limit with 5% margin	Volney-Marcy	NA	NA	NA	2766
2829	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2702
2829	limit with 5% margin	SBK Edic R70	NA	NA	NA	2860
2829	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2545
2829	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2816
2829	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2785
2829	limit with 5% margin	Ravenswood 3	NA	NA	NA	2922
2850	Clay 345kV Voltage	Marcy South N.	7.4	327.8	346.9	3665
2866 >E	Oakdale 345kV Voltage	Marcy South N.	8.6	320	345.8	3666
2890	Pannell Road 345kV Voltage	Pre-Fault	27.6	NA	346	2890
2893	Station 80 345kV Voltage	Pre-Fault	25.2	NA	346	2893
2894	Clay 345kV Voltage	Pre-Fault	19.7	NA	345	2894
2899	Buchanan North 345kV Voltage	Pre-Fault	54.9	NA	346	2899
2911	Marcy 345kV Voltage	SBK Edic R945	5.4	327.8	336.5	2125
2911	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	336.5	2125
2912	Gordon Rd 345kV Voltage	Marcy South S.	6.5	327.8	341.2	3472
2914	Edic 345kV Voltage	SBK Edic R945	5.5	327.8	336.3	2127
2914	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	336.3	2127
2918	Edic 345kV Voltage	Ph2 DC 1500	6.0	327.8	335.8	3226
2919	Marcy 345kV Voltage	Ph2 DC 1500	4.8	327.8	335.6	3226
2920	Edic 345kV Voltage	Marcy-N.Scot99 345	4.8	327.8	335.6	2066
2922	Edic 345kV Voltage	SBK Marcy R3108	6.1	327.8	335.3	2801
2924	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.3	327.8	334.9	2068

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2930	Gordon Rd 345kV Voltage	Ph2 DC 1500	3.4	327.8	339.8	3229
2936 >E	Pannell Road 345kV Voltage	Marcy South N.	12.0	327.8	346.4	3669
2938	New Scotland 345kV Voltage Alps	Pre-Fault	30.2	NA	348	2938
2938	New Scotland 345kV Voltage Gilb	Pre-Fault	30.2	NA	348	2938
2946	Edic 345kV Voltage	Marcy South S.	4.2	327.8	332.5	3487
2947	Marcy 345kV Voltage	Marcy South S.	4.1	327.8	332.2	3488
2951	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	340.3	2144
2951	Coopers Corners 345kV Voltage	SBK Edic R945	3.6	327.8	340.3	2144
2953 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	4.5	327.8	337.4	2077
2953 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	340.0	2077
2953	Oakdale 345kV Voltage	Pre-Fault	4.5	NA	335	2953
2955	Rock Tavern 345kV Voltage	Pre-Fault	15.3	NA	348	2955
2957 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	338.9	2146
2957 >E	Fraser 345kV Voltage	SBK Edic R945	3.0	327.8	338.9	2146
2957 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.8	320	334.3	2146
2957 >E	Oakdale 345kV Voltage	SBK Edic R945	2.8	320	334.2	2146
2958 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	339.5	2146
2958 >E	Clay 345kV Voltage	SBK Edic R945	3.4	327.8	339.5	2146
2959 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.2	327.8	338.5	2078
2960 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.0	320	333.8	2078
2961	Fraser 345kV Voltage	Pre-Fault	4.5	NA	338	2961
2962	Edic 345kV Voltage	SBK Princetown 345	3.8	327.8	329.3	2671
2962	Marcy 345kV Voltage	SBK Princetown 345	3.8	327.8	329.2	2671
2962 >E	Clay 345kV Voltage	Ph2 DC 1500	6.0	327.8	340.8	3233
2962	Edic 345kV Voltage	Volney-Marcy	4.2	327.8	329.2	2899
2964	Marcy 345kV Voltage	Volney-Marcy	4.2	327.8	328.8	2901
2964	Pleasant Valley 345kV Voltage	Pre-Fault	17.2	NA	348	2964
2964 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	338.7	2078
2966	Gilboa 345kV Voltage	Pre-Fault	8.5	NA	348	2966
2966	Coopers Corners 345kV Voltage	Pre-Fault	6.4	NA	338	2966
2967	Edic 345kV Voltage	Ravenswood 3	4.2	327.8	328.2	3067
2967	Marcy 345kV Voltage	Ravenswood 3	4.2	327.8	328.0	3068
2968	Marcy 345kV Voltage	Princetown-N.Scot 345	4.5	327.8	327.8	2955
2968	Marcy 345kV Voltage	N.Scot-Leeds 345	4.5	327.8	327.8	2924
2968	Marcy 345kV Voltage	SBK Marcy R3108	4.5	327.8	327.8	2838
2968	Marcy 345kV Voltage	SBK Edic R70	4.5	327.8	327.8	2999
2968	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.5	327.8	327.8	2922
2968	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.5	327.8	327.8	2922
2968	Edic 345kV Voltage	N.Scot-Leeds 345	4.5	327.8	327.8	2925

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2968	Edic 345kV Voltage	Princetown-N.Scot 345	4.5	327.8	327.8	2955
2969 >E	Ramapo 500kV Voltage	Ph2 DC 1500	17.1	500	507.5	3235
2970 >E	New Scotland 345kV Voltage Alps	Marcy South N.	11.6	327.8	349.2	3671
2970 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	11.6	327.8	349.2	3671
2971	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	1.8	327.8	334.5	2924
2971 >E	New Scotland 345kV Voltage Alps	Marcy South S.	4.1	327.8	344.3	3491
2971 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	4.1	327.8	344.3	3491
2971	Buchanan South 345kV Voltage	Pre-Fault	5.2	NA	346	2971
2975	Edic 345kV Voltage	SBK Edic R70	1.8	327.8	324.6	3007
2976	Clay 345kV Voltage	SBK Marcy R3108	2.0	327.8	334.6	2843
2978 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	1.8	327.8	330.7	2933
2979 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	1.9	327.8	330.1	2966
2979 >E	Gordon Rd 345kV Voltage	Ravenswood 3	1.8	327.8	330.1	3076
2980 >E	Oakdale 345kV Voltage	SBK Marcy R3108	1.9	320	325.6	2845
2980 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	2.0	327.8	329.7	2845
2980 >E	Ramapo 345kV Voltage	Pre-Fault	4.4	NA	346	2980
2982 >E	Coopers Corners 345kV Voltage	Ravenswood 3	2.0	327.8	332.0	3078
2982 >E	St.Lawrence 230kV Voltage	Pre-Fault	4.6	NA	225	2982
2983 >E	Clay 345kV Voltage	Volney-Marcy	2.0	327.8	331.2	2914
2984 >E	Gordon Rd 345kV Voltage	Volney-Marcy	1.9	327.8	327.7	2915
2984 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.9	320	335.4	3237
2984 >E	Oakdale 345kV Voltage	Volney-Marcy	1.9	320	323.2	2915
2984 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	1.9	327.8	330.8	2680
2984 >E	Clay 345kV Voltage	SBK Princetown 345	1.8	327.8	330.6	2680
2985 >E	Fraser 345kV Voltage	Volney-Marcy	1.8	327.8	327.8	2916
2985 >E	Fraser 345kV Voltage	SBK Edic R70	1.8	327.8	327.8	3019
2985 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	1.8	327.8	327.8	2939
2985 >E	Fraser 345kV Voltage	SBK Marcy R3108	1.8	327.8	327.8	2848
2985 >E	Fraser 345kV Voltage	SBK Princetown 345	1.8	327.8	327.8	2680
2985 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	1.8	327.8	327.8	2971
2985 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	1.8	327.8	327.8	2938
2985 >E	Fraser 345kV Voltage	Ravenswood 3	1.8	327.8	327.8	3080
2985 >E	Oakdale 345kV Voltage	SBK Princetown 345	1.8	320	322.8	2681
2986 >E	Oakdale 345kV Voltage	Ravenswood 3	1.9	320	322.1	3081
2987 >E	Ladentown 345kV Voltage	Pre-Fault	4.5	NA	346	2987
2987 >E	Gordon Rd 345kV Voltage	SBK Edic R70	2.0	327.8	326.1	3021
2987 >E	Clay 345kV Voltage	Ravenswood 3	2.0	327.8	329.3	3081
2988 >E	Ramapo 500kV Voltage	Ravenswood 3	7.3	500	505.3	3082
2988 >E	Coopers Corners 345kV Voltage	SBK Edic R70	2.1	327.8	329.0	3023

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2989 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	2.1	327.8	328.7	2943
2990 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	2.1	327.8	328.3	2942
2990 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.0	320	320.3	2943
2990 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	327.8	327.9	2943
2990 >E	Clay 345kV Voltage	N.Scot-Leeds 345	2.2	327.8	327.9	2944
2990 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.0	320	320.2	2944
2990 >E	Clay 345kV Voltage	Princetown-N.Scot 345	2.2	327.8	327.8	2976
2990 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.0	320	320.1	2977
2991 >E	Station 80 345kV Voltage	Marcy South N.	14.9	327.8	346.5	3672
2991 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	2.1	327.8	327.9	2977
2992 >E	Coopers Corners 345kV Voltage	Volney-Marcy	2.2	327.8	327.1	2920
2993 >E	Oakdale 345kV Voltage	SBK Edic R70	2.1	320	319.0	3028
2995 >E	Clay 345kV Voltage	SBK Edic R70	2.3	327.8	325.9	3030
2996 >E	Fraser 345kV Voltage	Ph2 DC 1500	5.9	327.8	339.2	3239
2998 >E	Bowline 2 345kV Voltage	Pre-Fault	4.2	NA	345	2998
2998 >E	Gilboa 345kV Voltage	Marcy South S.	4.4	327.8	345.1	3495
2998 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	2.1	327.8	332.5	2951
2998 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	2.1	327.8	332.5	2951
2998 >E	Roseton 345kV Voltage	Pre-Fault	5.1	NA	345	2998
2999 >E	Leeds 345kV Voltage	Pre-Fault	3.5	NA	345	2999
2999 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	2.5	327.8	324.0	2856
3000 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	3.9	218.5	221.1	2856
3000 >E	Bowline 1 345kV Voltage	Pre-Fault	4.8	NA	345	3000
3000 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.2	327.8	331.8	2856
3003 >E	St.Lawrence 230kV Voltage	Volney-Marcy	3.9	218.5	220.3	2927
3004 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	2.3	327.8	330.1	3092
3004 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	2.3	327.8	330.1	3092
3005 >E	Pannell Road 345kV Voltage	SBK Princetown 345	2.9	327.8	330.4	2685
3005 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	5.9	327.8	339.0	2157
3005 >E	Pannell Road 345kV Voltage	SBK Edic R945	5.9	327.8	338.9	2157
3006 >E	St.Lawrence 230kV Voltage	Ravenswood 3	4.1	218.5	219.8	3093
3006 >E	Pannell Road 345kV Voltage	Volney-Marcy	3.1	327.8	330.2	2928
3006 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	4.0	218.5	219.7	2686
3008 >E	Pannell Road 345kV Voltage	Ravenswood 3	3.0	327.8	329.6	3094
3008 >E	Clay 345kV Voltage	Marcy South S.	6.0	327.8	333.2	3497
3009 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	2.3	327.8	327.9	2931
3009 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	2.3	327.8	327.9	2931
3009 >E	Dunwoodie 345kV Voltage	Ravenswood 3	5.4	327.8	335.8	3096

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3010 >E	Sprain Brook 345kV Voltage	Ravenswood 3	5.3	327.8	335.9	3096
3010 >E	New Scotland 345kV Voltage Alps	Prinetown-N.Scot 345	2.4	327.8	327.7	2996
3010 >E	New Scotland 345kV Voltage Gilb	Prinetown-N.Scot 345	2.4	327.8	327.7	2996
3010 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	2.4	327.8	327.5	3048
3010 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	2.4	327.8	327.5	3048
3010 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	2.4	327.8	327.4	2862
3010 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	2.4	327.8	327.4	2862
3011 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	2.4	327.8	327.3	2962
3011 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	2.4	327.8	327.3	2962
3011 >E	Buchanan North 345kV Voltage	Ravenswood 3	4.1	327.8	335.0	3097
3011 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	8.3	327.8	339.8	3241
3012 >E	St.Lawrence 230kV Voltage	Prinetown-N.Scot 345	4.6	218.5	218.5	2997
3012 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	4.6	218.5	218.4	2963
3012 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	4.6	218.5	218.4	2963
3013 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	3.3	327.8	327.9	2965
3014 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	327.9	2964
3014 >E	Pannell Road 345kV Voltage	Prinetown-N.Scot 345	3.3	327.8	327.8	2999
3014 >E	St.Lawrence 230kV Voltage	SBK Edic R70	4.8	218.5	217.9	3053
3014 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.9	327.8	331.1	2864
3016 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	331.6	2966
3016 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	7.4	327.8	345.4	3242
3016 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	7.4	327.8	345.4	3242
3017 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.6	327.8	338.1	2084
3017 >E	Rock Tavern 345kV Voltage	Ravenswood 3	3.1	327.8	333.6	3101
3017 >E	Station 80 345kV Voltage	SBK Prinetown 345	3.6	327.8	330.4	2689
3018 >E	Pannell Road 345kV Voltage	SBK Edic R70	3.5	327.8	326.4	3058
3019 >E	Station 80 345kV Voltage	Volney-Marcy	3.8	327.8	330.0	2937
3020 >E	Station 80 345kV Voltage	Ravenswood 3	3.8	327.8	329.9	3102
3020 >E	Gilboa 345kV Voltage	Ravenswood 3	2.6	327.8	330.1	3102
3020 >E	Millwood 345kV Voltage	Ravenswood 3	4.8	327.8	335.6	3102
3021 >E	New Scotland 345kV Voltage Alps	SBK Prinetown 345	2.5	327.8	323.1	2689
3021 >E	New Scotland 345kV Voltage Gilb	SBK Prinetown 345	2.5	327.8	323.1	2689
3022 >E	Ramapo 500kV Voltage	SBK Prinetown 345	7.5	500	501.2	2690
3022 >E	Fraser 345kV Voltage	Marcy South S.	5.9	327.8	327.8	3499
3022 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	14.1	218.5	227.8	3243
3024 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	9.7	218.5	226.1	2162
3024 >E	St.Lawrence 230kV Voltage	SBK Edic R945	9.7	218.5	226.1	2162

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30_30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3025 >E	Gilboa 345kV Voltage	SBK Marcy R3108	2.8	327.8	328.1	2870
3025 >E	Buchanan South 345kV Voltage	Ravenswood 3	4.5	327.8	335.5	3106
3026 >E	Gilboa 345kV Voltage	Volney-Marcy	2.8	327.8	327.9	2941
3026 >E	Gilboa 345kV Voltage	Princeton-N.Scot 345	2.8	327.8	327.8	3012
3026 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	327.8	327.8	2977
3027 >E	Gilboa 345kV Voltage	SBK Edic R70	2.9	327.8	327.4	3068
3028 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	8.0	500	500.6	2977
3028 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	327.9	2978
3028 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	327.8	2977
3028 >E	Station 80 345kV Voltage	Princeton-N.Scot 345	4.1	327.8	327.8	3013
3029 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	7.1	327.8	338.6	2163
3029 >E	Station 80 345kV Voltage	SBK Edic R945	7.2	327.8	338.6	2163
3029 >E	Gilboa 345kV Voltage	SBK Princeton 345	2.9	327.8	326.8	2691
3030 >E	Rock Tavern 345kV Voltage	SBK Princeton 345	3.2	327.8	330.1	2692
3030 >E	Oakdale 345kV Voltage	Marcy South S.	5.1	320	320.3	3500
3031 >E	Ramapo 500kV Voltage	SBK Edic R70	8.2	500	500.2	3072
3031 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	8.2	500	500.2	2981
3031 >E	Ramapo 345kV Voltage	Ravenswood 3	3.9	327.8	334.5	3109
3032 >E	Ramapo 500kV Voltage	Volney-Marcy	8.4	500	500.1	2944
3032 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	8.3	500	500.1	3017
3032 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	9.7	327.8	341.0	3245
3033 >E	Ramapo 500kV Voltage	Pre-Fault	8.4	NA	500	3033
3033 >E	Station 80 345kV Voltage	SBK Edic R70	4.4	327.8	326.5	3075
3034 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	328.9	2982
3034 >E	Rock Tavern 345kV Voltage	SBK Edic R70	3.4	327.8	328.8	3076
3036 >E	Ladentown 345kV Voltage	Ravenswood 3	4.0	327.8	335.1	3112
3036 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	3.4	327.8	328.3	2986
3037 >E	Rock Tavern 345kV Voltage	Princeton-N.Scot 345	3.5	327.8	327.9	3022
3037 >E	Niagara 230kV East Voltage	Pre-Fault	8.2	NA	225	3037
3037 >E	Niagara 230kV West Voltage	Pre-Fault	8.2	NA	225	3037
3038 >E	Ramapo 500kV Voltage	SBK Marcy R3108	9.3	500	499.4	2877
3039 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	18.5	500	505.9	2165
3039 >E	Ramapo 500kV Voltage	SBK Edic R945	18.5	500	505.9	2165
3039 >E	Bowline 2 345kV Voltage	Ravenswood 3	3.7	327.8	335.2	3114
3040 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	19.1	500	505.9	2087
3041 >E	Buchanan North 345kV Voltage	SBK Princeton 345	4.5	327.8	328.7	2694
3041 >E	Rock Tavern 345kV Voltage	Volney-Marcy	3.7	327.8	326.8	2950

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30_30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3042 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	4.5	327.8	328.5	2989
3043 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	8.0	327.8	337.7	2087
3043 >E	Buchanan North 345kV Voltage	SBK Edic R70	4.6	327.8	328.3	3087
3043 >E	Leeds 345kV Voltage	Marcy South S.	5.2	327.8	348.5	3502
3045 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	328.0	2994
3045 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.9	3030
3046 >E	Bowline 1 345kV Voltage	Ravenswood 3	4.2	327.8	335.4	3119
3046 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	4.6	327.8	332.3	3119
3048 >E	Buchanan North 345kV Voltage	Volney-Marcy	4.8	327.8	327.3	2954
3054 >E	Ramapo 345kV Voltage	SBK Princetown 345	4.2	327.8	329.3	2698
3055 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	4.2	327.8	323.0	2887
3055 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	12.5	218.5	225.1	2088
3056 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	5.2	327.8	325.6	2887
3057 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	328.5	3002
3057 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	6.2	327.8	328.5	3002
3057 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	4.3	327.8	328.7	3002
3057 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	6.2	327.8	339.5	2170
3057 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	6.1	327.8	322.0	2170
3057 >E	Gilboa 345kV Voltage	SBK Edic R945	6.2	327.8	339.5	2170
3057 >E	Gordon Rd 345kV Voltage	SBK Edic R945	6.1	327.8	322.0	2170
3058 >E	Ramapo 345kV Voltage	SBK Edic R70	4.3	327.8	328.4	3104
3059 >E	Sprain Brook 345kV Voltage	SBK Edic R70	6.2	327.8	328.2	3105
3059 >E	Dunwoodie 345kV Voltage	SBK Edic R70	6.3	327.8	328.1	3105
3059 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	339.7	2170
3059 >E	Rock Tavern 345kV Voltage	SBK Edic R945	6.7	327.8	339.7	2170
3059 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	328.6	3004
3059 >E	Leeds 345kV Voltage	SBK Marcy R3108	3.5	327.8	327.8	2889
3059 >E	Leeds 345kV Voltage	SBK Edic R70	3.5	327.8	327.8	3106
3059 >E	Leeds 345kV Voltage	SBK Princetown 345	3.5	327.8	327.8	2699
3059 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	3.5	327.8	327.8	3044
3059 >E	Leeds 345kV Voltage	Ravenswood 3	3.5	327.8	327.8	3128
3059 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	327.8	3005
3059 >E	Leeds 345kV Voltage	Volney-Marcy	3.5	327.8	327.8	2961
3059 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	3.5	327.8	327.8	3008
3059 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	6.1	327.8	328.0	2699
3060 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	327.8	328.1	3008
3060 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	6.2	327.8	328.0	2699
3060 >E	Station 80 345kV Voltage	Ph2 DC 1500	11.4	327.8	340.8	3249

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3060 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	6.3	327.8	327.9	3008
3060 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	4.4	327.8	327.9	3045
3060 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	6.3	327.8	327.9	3009
3061 >E	Sprain Brook 345kV Voltage	Princeton-N.Scot 345	6.3	327.8	327.8	3045
3061 >E	Dunwoodie 345kV Voltage	Princeton-N.Scot 345	6.4	327.8	327.8	3045
3061 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	328.7	3006
3061 >E	Millwood 345kV Voltage	SBK Edic R70	5.5	327.8	328.2	3108
3062 >E	Roseton 345kV Voltage	Ravenswood 3	4.7	327.8	332.6	3129
3062 >E	Millwood 345kV Voltage	SBK Princeton 345	5.4	327.8	328.1	2700
3062 >E	Buchanan South 345kV Voltage	SBK Princeton 345	4.9	327.8	328.5	2700
3062 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	329.0	3007
3063 >E	Buchanan South 345kV Voltage	SBK Edic R70	5.1	327.8	328.3	3110
3063 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	5.5	327.8	327.9	3011
3063 >E	Ladentown 345kV Voltage	SBK Princeton 345	4.3	327.8	329.1	2700
3063 >E	Millwood 345kV Voltage	Princeton-N.Scot 345	5.5	327.8	327.8	3048
3064 >E	Bowline 2 345kV Voltage	SBK Princeton 345	3.9	327.8	329.2	2700
3064 >E	Ramapo 345kV Voltage	Volney-Marcy	4.5	327.8	327.1	2964
3064 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	339.3	2089
3064 >E	Sprain Brook 345kV Voltage	Volney-Marcy	6.5	327.8	327.3	2964
3064 >E	Dunwoodie 345kV Voltage	Volney-Marcy	6.5	327.8	327.3	2964
3065 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	338.8	2089
3065 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	327.9	3012
3065 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	328.8	3009
3065 >E	Buchanan South 345kV Voltage	Princeton-N.Scot 345	5.2	327.8	327.8	3050
3065 >E	St.Lawrence 230kV Voltage	Marcy South N.	23.3	218.5	229.1	3676
3066 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	328.8	3010
3066 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	6.4	327.8	333.1	2172
3066 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	6.4	327.8	333.1	2172
3066 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	6.4	327.8	333.1	2172
3066 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	6.4	327.8	333.1	2172
3066 >E	Ladentown 345kV Voltage	SBK Edic R70	4.4	327.8	328.4	3114
3067 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	4.9	327.8	328.0	3114
3067 >E	Millwood 345kV Voltage	Volney-Marcy	5.7	327.8	327.2	2966
3067 >E	Bowline 2 345kV Voltage	SBK Edic R70	4.1	327.8	328.4	3114
3068 >E	Pleasant Valley 345kV Voltage	Princeton-N.Scot 345	4.9	327.8	327.8	3053
3068 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	4.5	327.8	328.0	3016

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3068 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	4.9	327.8	327.7	3016
3069 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	328.1	3016
3069 >E	Buchanan South 345kV Voltage	Volney-Marcy	5.3	327.8	327.2	2967
3069 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	4.5	327.8	327.9	3053
3069 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.9	3054
3070 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	5.0	327.8	327.3	2968
3071 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	4.9	327.8	327.2	2702
3072 >E	Ladentown 345kV Voltage	Volney-Marcy	4.6	327.8	327.1	2969
3073 >E	Bowline 2 345kV Voltage	Volney-Marcy	4.3	327.8	327.1	2969
3073 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	7.0	327.8	325.9	2897
3073 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	7.0	327.8	325.9	2897
3074 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	6.9	327.8	332.1	2091
3074 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	6.9	327.8	332.1	2091
3074 >E	Ramapo 345kV Voltage	SBK Marcy R3108	5.0	327.8	324.7	2898
3075 >E	Bowline 1 345kV Voltage	SBK Princetown 345	4.5	327.8	329.3	2703
3076 >E	Millwood 345kV Voltage	SBK Marcy R3108	6.1	327.8	325.6	2898
3076 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	5.2	327.8	326.1	2899
3077 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	328.9	3020
3078 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	5.7	327.8	325.3	2900
3079 >E	Bowline 1 345kV Voltage	SBK Edic R70	4.7	327.8	328.5	3128
3079 >E	Niagara 230kV East Voltage	Ravenswood 3	7.6	218.5	219.9	3140
3079 >E	Niagara 230kV West Voltage	Ravenswood 3	7.6	218.5	219.9	3140
3081 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	328.1	3027
3081 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	4.9	327.8	328.8	3023
3081 >E	Roseton 345kV Voltage	SBK Princetown 345	4.9	327.8	328.7	2704
3082 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	4.8	327.8	327.9	3066
3082 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	4.6	327.8	324.8	2902
3083 >E	Roseton 345kV Voltage	SBK Edic R70	5.0	327.8	328.4	3133
3083 >E	Ladentown 345kV Voltage	SBK Marcy R3108	5.1	327.8	324.8	2902
3083 >E	Niagara 230kV East Voltage	SBK Princetown 345	7.7	218.5	219.4	2705
3083 >E	Niagara 230kV West Voltage	SBK Princetown 345	7.7	218.5	219.4	2705
3084 >E	Niagara 230kV East Voltage	SBK Marcy R3108	7.8	218.5	219.4	2903
3084 >E	Niagara 230kV West Voltage	SBK Marcy R3108	7.8	218.5	219.4	2903
3085 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	327.8	328.0	3031
3085 >E	Niagara 230kV East Voltage	Volney-Marcy	7.9	218.5	219.2	2977
3085 >E	Niagara 230kV West Voltage	Volney-Marcy	7.9	218.5	219.2	2977
3085 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	5.1	327.8	327.9	3070

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3086 >E	Bowline 1 345kV Voltage	Volney-Marcy	4.9	327.8	327.0	2978
3089 >E	Pannell Road 345kV Voltage	Marcy South S.	10.2	327.8	332.5	3509
3090 >E	Roseton 345kV Voltage	Volney-Marcy	5.2	327.8	327.1	2980
3090 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	8.2	218.5	218.5	3037
3090 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	8.2	218.5	218.5	3037
3090 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	8.2	218.5	218.5	3032
3090 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	8.2	218.5	218.5	3032
3091 >E	Niagara 230kV East Voltage	Princeton-N.Scot 345	8.2	218.5	218.5	3075
3091 >E	Niagara 230kV West Voltage	Princeton-N.Scot 345	8.2	218.5	218.5	3075
3092 >E	Niagara 230kV East Voltage	SBK Edic R70	8.3	218.5	218.4	3143
3092 >E	Niagara 230kV West Voltage	SBK Edic R70	8.3	218.5	218.4	3143
3094 >E	Pleasant Valley 345kV Voltage	Marcy South S.	9.1	327.8	340.2	3509
3097 >E	Gilboa 345kV Voltage	Ph2 DC 1500	8.9	327.8	346.5	3255
3098 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	5.4	327.8	324.4	2911
3101 >E	Roseton 345kV Voltage	SBK Marcy R3108	5.6	327.8	324.8	2912
3109 >E	Watercure 230kV Voltage	Pre-Fault	7.9	NA	215	3109
3111 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	10.7	327.8	334.6	2182
3111 >E	Buchanan North 345kV Voltage	SBK Edic R945	10.7	327.8	334.6	2183
3111 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	11.1	327.8	331.0	2183
3111 >E	Dunwoodie 345kV Voltage	SBK Edic R945	11.1	327.8	331.0	2183
3113 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	11.1	327.8	331.2	2183
3113 >E	Sprain Brook 345kV Voltage	SBK Edic R945	11.1	327.8	331.2	2183
3116 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	10.9	327.8	334.2	2095
3116 >E	Dunwoodie 345kV Voltage	Marcy South S.	11.3	327.8	330.7	3513
3116 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	11.3	327.8	330.7	2095
3118 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	11.3	327.8	330.8	2095
3120 >E	Sprain Brook 345kV Voltage	Marcy South S.	11.4	327.8	330.7	3513
3129 >E	Station 80 345kV Voltage	Marcy South S.	12.2	327.8	332.1	3515
3139 >E	Watercure 230kV Voltage	SBK Princeton 345	6.8	207	211.2	2719
3140 >E	Watercure 230kV Voltage	SBK Marcy R3108	7.2	207	211.2	2934
3140 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	11.2	327.8	332.5	2189
3140 >E	Millwood 345kV Voltage	SBK Edic R945	11.2	327.8	332.5	2190
3143 >E	Watercure 230kV Voltage	Ravenswood 3	7.0	207	210.8	3181
3146 >E	Watercure 230kV Voltage	Volney-Marcy	7.2	207	210.4	3015
3146 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	11.4	327.8	332.1	2099
3149 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	10.9	327.8	334.1	2191
3149 >E	Buchanan South 345kV Voltage	SBK Edic R945	10.9	327.8	334.1	2192
3149 >E	Millwood 345kV Voltage	Marcy South S.	11.6	327.8	331.9	3518
3150 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	10.5	327.8	337.9	2192

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3150 >E	Ramapo 345kV Voltage	SBK Edic R945	10.5	327.8	337.8	2192
3155 >E	St.Lawrence 230kV Voltage	Marcy South S.	21.2	218.5	221.9	3518
3155 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	11.2	327.8	333.7	2100
3157 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	337.4	2100
3158 >E	Somerset 345kV Voltage	Pre-Fault	14.1	NA	338	3158
3164 >E	Ramapo 500kV Voltage	Marcy South S.	30.3	500	503.3	3520
3168 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	10.6	327.8	337.5	2196
3168 >E	Ladentown 345kV Voltage	SBK Edic R945	10.6	327.8	337.5	2197
3171 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	7.9	207	207.2	3112
3172 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	7.9	207	207.0	3155
3172 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	7.9	207	207.0	3104
3176 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	10.9	327.8	337.1	2102
3181 >E	Watercure 230kV Voltage	Marcy South N.	21.5	207	229.8	3682
3185 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	10.6	327.8	338.2	2200
3185 >E	Bowline 1 345kV Voltage	SBK Edic R945	10.6	327.8	338.2	2201
3186 >E	Watercure 230kV Voltage	SBK Edic R70	8.4	207	205.4	3253
3189 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	10.6	327.8	338.3	2201
3189 >E	Bowline 2 345kV Voltage	SBK Edic R945	10.6	327.8	338.3	2202
3193 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	337.7	2104
3197 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	337.9	2104
3206 >E	Buchanan South 345kV Voltage	Marcy South S.	12.9	327.8	330.4	3526
3219 >E	Somerset 345kV Voltage	SBK Princetown 345	10.8	327.8	333.7	2739
3225 >E	Buchanan North 345kV Voltage	Marcy South S.	14.4	327.8	327.4	3529
3225 >E	Somerset 345kV Voltage	Ravenswood 3	11.3	327.8	333.2	3234
3226 >E	Rainey 345kV Voltage	Ravenswood 3	13.3	327.8	341.7	3234
3230 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	12.4	327.8	336.3	2211
3230 >E	Roseton 345kV Voltage	SBK Edic R945	12.4	327.8	336.2	2212
3231 >E	Roseton 345kV Voltage	Marcy South S.	12.2	327.8	336.2	3530
3236 >E	Watercure 230kV Voltage	Ph2 DC 1500	14.6	207	226.2	3278
3240 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	12.8	327.8	335.7	2109
3241 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	13.7	327.8	331.5	2214
3241 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	13.7	327.8	331.5	2215
3242 >E	Farragut 345kV Voltage	Ravenswood 3	14.0	327.8	341.0	3244
3247 >E	Somerset 345kV Voltage	Volney-Marcy	12.0	327.8	331.7	3076
3250 >E	Somerset 345kV Voltage	SBK Marcy R3108	12.5	327.8	331.5	2995
3251 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	14.0	327.8	330.9	2110
3251 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	16.5	327.8	346.6	3281
3254 >E	Gardenville 230kV Voltage	Pre-Fault	15.9	NA	217	3254
3255 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	13.9	327.8	342.7	2217
3255 >E	Somerset 345kV Voltage	SBK Edic R945	13.9	327.8	342.7	2218

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3256 >E	Leeds 345kV Voltage	Ph2 DC 1500	12.8	327.8	350.6	3281
3258 >E	Ramapo 500kV Voltage	Marcy South N.	53.2	500	503.9	3687
3275 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	15.8	207	231.7	2222
3276 >E	Watercure 230kV Voltage	SBK Edic R945	15.8	207	231.7	2223
3278 >E	Fraser 345kV Voltage	Marcy South N.	19.8	327.8	327.8	3688
3278 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	22.6	327.8	343.2	3285
3297 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	15.7	327.8	341.3	2116
3301 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	14.1	327.8	327.9	3233
3301 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	14.1	327.8	327.9	3216
3302 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	14.1	327.8	327.8	3282
3306 >E	Rainey 345kV Voltage	Pre-Fault	21.5	NA	338	3306
3308 >E	Farragut 345kV Voltage	Pre-Fault	22.3	NA	338	3308
3319 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	19.7	327.8	347.1	3292
3330 >E	Rock Tavern 345kV Voltage	Marcy South S.	13.5	327.8	318.2	3544
3333 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	18.4	207	231.6	2120
3340 >E	Somerset 345kV Voltage	SBK Edic R70	15.7	327.8	325.1	3433
3351 >E	Ramapo 345kV Voltage	Ph2 DC 1500	21.3	327.8	347.2	3297
3355 >E	Gardenville 230kV Voltage	Ravenswood 3	13.9	207	210.7	3317
3356 >E	Somerset 345kV Voltage	Ph2 DC 1500	20.1	327.8	345.6	3298
3356 >E	Millwood 345kV Voltage	Ph2 DC 1500	24.9	327.8	344.8	3298
3358 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	23.3	327.8	345.9	3298
3359 >E	Gilboa 345kV Voltage	Marcy South N.	21.9	327.8	342.1	3692
3359 >E	Gardenville 230kV Voltage	SBK Princetown 345	14.1	207	210.4	2773
3366 >E	Goethals 345kV Voltage	Ravenswood 3	19.0	327.8	340.1	3324
3370 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	15.8	327.8	327.8	2245
3370 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	15.8	327.8	327.8	2124
3370 >E	Leeds 345kV Voltage	SBK Edic R945	15.8	327.8	327.8	2246
3373 >E	Ladentown 345kV Voltage	Marcy South S.	16.8	327.8	325.3	3551
3375 >E	Gardenville 230kV Voltage	SBK Marcy R3108	14.8	207	209.4	3065
3378 >E	Gardenville 230kV Voltage	Volney-Marcy	14.8	207	209.2	3157
3379 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	30.0	327.8	342.7	3302
3384 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	30.4	327.8	342.6	3302
3384 >E	Ramapo 345kV Voltage	Marcy South S.	17.5	327.8	324.6	3552
3384 >E	Ladentown 345kV Voltage	Ph2 DC 1500	21.4	327.8	348.4	3302
3395 >E	Somerset 345kV Voltage	Marcy South N.	27.0	327.8	351.7	3694
3411 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	15.8	207	207.2	3313
3411 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	15.8	207	207.2	3337
3411 >E	Bowline 1 345kV Voltage	Marcy South S.	17.1	327.8	324.8	3556
3413 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	15.9	207	207.0	3391

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3417 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	21.4	327.8	349.8	3308
3426 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	21.3	327.8	350.2	3309
3426 >E	Gardenville 230kV Voltage	SBK Edic R70	16.4	207	206.2	3534
3432 >E	Goethals 345kV Voltage	Pre-Fault	30.8	NA	338	3432
3445 >E	Roseton 345kV Voltage	Ph2 DC 1500	22.5	327.8	349.2	3312
3454 >E	Bowline 2 345kV Voltage	Marcy South S.	18.4	327.8	322.6	3563
3503 >E	Rainey 345kV Voltage	SBK Princetown 345	20.6	327.8	328.8	2809
3504 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	20.7	327.8	328.8	3395
3505 >E	Leeds 345kV Voltage	Marcy South N.	25.2	327.8	349.2	3700
3513 >E	Farragut 345kV Voltage	SBK Princetown 345	21.4	327.8	328.8	2812
3515 >E	Rainey 345kV Voltage	SBK Edic R70	21.1	327.8	328.3	3637
3515 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	21.5	327.8	328.7	3404
3521 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	21.3	327.8	328.0	3439
3524 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	21.4	327.8	327.9	3500
3525 >E	Farragut 345kV Voltage	SBK Edic R70	21.9	327.8	328.3	3649
3532 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	22.2	327.8	328.0	3450
3535 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	22.3	327.8	327.9	3510
3536 >E	Rainey 345kV Voltage	Volney-Marcy	21.8	327.8	327.3	3254
3547 >E	Farragut 345kV Voltage	Volney-Marcy	22.7	327.8	327.3	3261
3558 >E	Somerset 345kV Voltage	Marcy South S.	25.5	327.8	333.2	3578
3560 >E	Coopers Corners 345kV Voltage	Marcy South S.	16.1	327.8	261.1	3579
3577 >E	Rainey 345kV Voltage	SBK Marcy R3108	23.4	327.8	325.4	3177
3588 >E	Farragut 345kV Voltage	SBK Marcy R3108	24.3	327.8	325.5	3183
3706 >E	Goethals 345kV Voltage	SBK Princetown 345	29.1	327.8	329.1	2859
3719 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	29.7	327.8	328.7	3583
3732 >E	Goethals 345kV Voltage	SBK Edic R70	30.3	327.8	328.2	3891
3738 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	30.5	327.8	328.0	3643
3743 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	30.7	327.8	327.9	3715
3752 >E	Goethals 345kV Voltage	Volney-Marcy	31.0	327.8	327.6	3387
3801 >E	Goethals 345kV Voltage	SBK Marcy R3108	32.8	327.8	326.0	3302
3807 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	29.2	327.8	347.7	2349
3807 >E	Niagara 345kV Voltage	SBK Edic R945	29.2	327.8	347.7	2352
3882 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	65.5	218.5	229.8	2367
3882 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	65.5	218.5	229.8	2367
3882 >E	Niagara 230kV East Voltage	SBK Edic R945	65.6	218.5	229.8	2370
3882 >E	Niagara 230kV West Voltage	SBK Edic R945	65.6	218.5	229.8	2370
3928 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	33.2	327.8	346.1	2186
3954 >E	Niagara 230kV East Voltage	Ph2 DC 1500	74.0	218.5	229.8	3396

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3954 >E	Niagara 230kV West Voltage	Ph2 DC 1500	74.0	218.5	229.8	3396
3955 >E	Pleasant Valley 345kV Voltage	Marcy South N.	52.6	327.8	343.8	3724
3979 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	39.7	327.8	333.9	2390
3979 >E	Rainey 345kV Voltage	SBK Edic R945	39.7	327.8	333.9	2394
3984 >E	Niagara 345kV Voltage	Ph2 DC 1500	36.9	327.8	349.7	3401
4002 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	40.5	327.8	333.4	2195
4006 >E	Farragut 345kV Voltage	SBK Edic R945	41.5	327.8	333.8	2400
4006 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	41.5	327.8	333.8	2397
4011 >E	Rainey 345kV Voltage	Marcy South S.	40.8	327.8	333.2	3646
4029 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	42.3	327.8	333.4	2198
4029 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	75.6	218.5	229.3	2198
4029 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	75.6	218.5	229.3	2198
4039 >E	Farragut 345kV Voltage	Marcy South S.	42.7	327.8	333.2	3650
4173 >E	Coopers Corners 345kV Voltage	Marcy South N.	44.7	327.8	310.0	3736
4236 >E	Niagara 230kV East Voltage	Marcy South N.	98.3	218.5	232.8	3739
4236 >E	Niagara 230kV West Voltage	Marcy South N.	98.3	218.5	232.8	3739
4245 >E	Niagara 345kV Voltage	Marcy South N.	50.4	327.8	355.7	3740
4311 >E	Northport 138kV Voltage	Pre-Fault	152.1	NA	135	4311
4349 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	55.3	327.8	333.9	2479
4349 >E	Goethals 345kV Voltage	SBK Edic R945	55.4	327.8	333.9	2484
4378 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	56.4	327.8	333.5	2237
4395 >E	Goethals 345kV Voltage	Marcy South S.	57.0	327.8	333.2	3702
4540 >E	Northport 138kV Voltage	Ravenswood 3	126.4	131.1	133.5	4074
4661 >E	Gardenville 230kV Voltage	Ph2 DC 1500	64.3	207	229.1	3512
4705 >E	Gardenville 230kV Voltage	Marcy South N.	74.3	207	233.2	3764
4817 >E	Roseton 345kV Voltage	Marcy South N.	75.8	327.8	341.3	3770
4834 >E	Niagara 345kV Voltage	Marcy South S.	62.0	327.8	334.8	3768
4845 >E	Northport 138kV Voltage	N.Scot-Leeds 345	147.5	131.1	131.5	4570
4849 >E	Buchanan North 345kV Voltage	Marcy South N.	100.1	327.8	334.3	3772
4858 >E	Northport 138kV Voltage	SBK Princetown 345	148.3	131.1	131.4	3145
4873 >E	Northport 138kV Voltage	SBK Edic R70	149.6	131.1	131.3	5222
4895 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	151.3	131.1	131.2	4726
4897 >E	Millwood 345kV Voltage	Marcy South N.	103.8	327.8	338.2	3775
4901 >E	Northport 138kV Voltage	Princetown-N.Scot 345	151.8	131.1	131.1	4852
4945 >E	Northport 138kV Voltage	Volney-Marcy	155.2	131.1	130.8	4120
5072 >E	Northport 138kV Voltage	SBK Marcy R3108	165.0	131.1	130.0	4008
5081 >E	Sprain Brook 345kV Voltage	Marcy South N.	129.9	327.8	336.9	3784
5093 >E	Dunwoodie 345kV Voltage	Marcy South N.	131.5	327.8	336.9	3785
5112 >E	Buchanan South 345kV Voltage	Marcy South N.	103.9	327.8	337.1	3786
5236 >E	Rainey 345kV Voltage	Ph2 DC 1500	88.9	327.8	352.6	3606

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5237 >E	Rock Tavern 345kV Voltage	Marcy South N.	86.7	327.8	328.6	3793
5252 >E	Farragut 345kV Voltage	Ph2 DC 1500	91.4	327.8	352.1	3609
5342 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	89.8	207	241.5	2717
5345 >E	Gardenville 230kV Voltage	SBK Edic R945	89.9	207	241.5	2726
5451 >E	Ramapo 345kV Voltage	Marcy South N.	103.9	327.8	334.1	3804
5710 >E	Niagara 230kV East Voltage	Marcy South S.	187.7	218.5	222.9	3898
5710 >E	Niagara 230kV West Voltage	Marcy South S.	187.7	218.5	222.9	3898
5753 >E	Ladentown 345kV Voltage	Marcy South N.	111.8	327.8	334.0	3821
5937 >E	Goethals 345kV Voltage	Ph2 DC 1500	119.1	327.8	352.2	3721
6064 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	116.4	207	243.5	2426
6246 >E	Bowline 1 345kV Voltage	Marcy South N.	123.2	327.8	332.4	3847
6282 >E	Bowline 2 345kV Voltage	Marcy South N.	122.7	327.8	332.6	3849
11216 >E	Northport 138kV Voltage	Ph2 DC 1500	655.3	131.1	144.4	4586
13376 >E	Rainey 345kV Voltage	Marcy South N.	394.0	327.8	342.8	4230
13436 >E	Farragut 345kV Voltage	Marcy South N.	404.3	327.8	342.6	4233
17056 >E	Goethals 345kV Voltage	Marcy South N.	549.9	327.8	343.4	4428
83575 >E	Northport 138kV Voltage	Marcy South N.	6333.8	131.1	141.0	8000
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

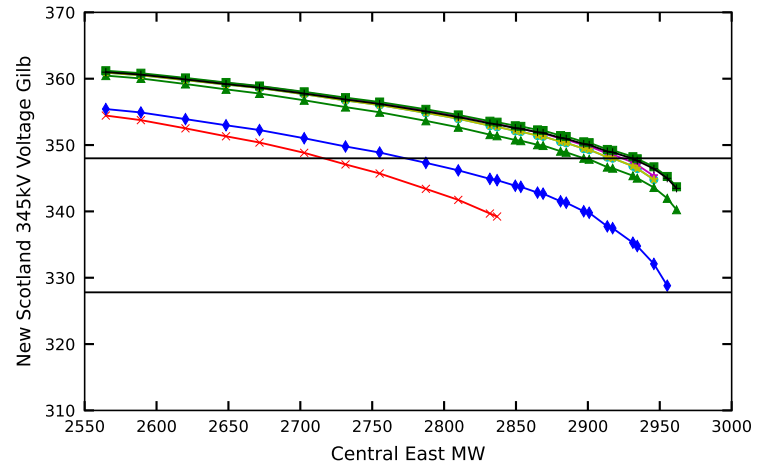
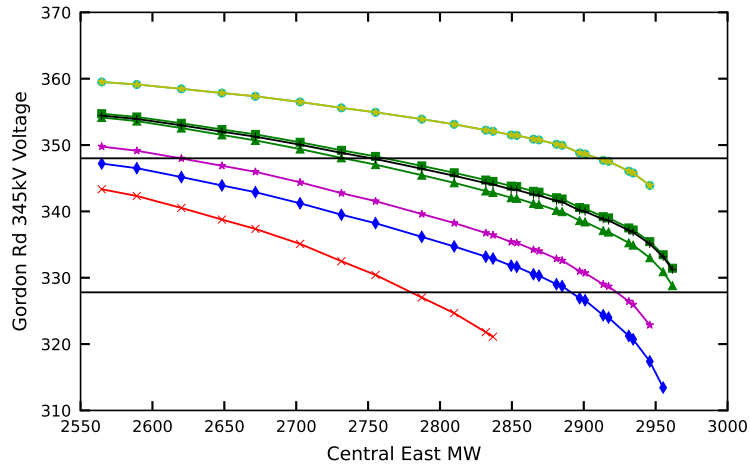
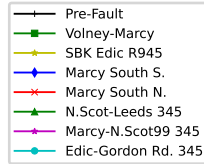
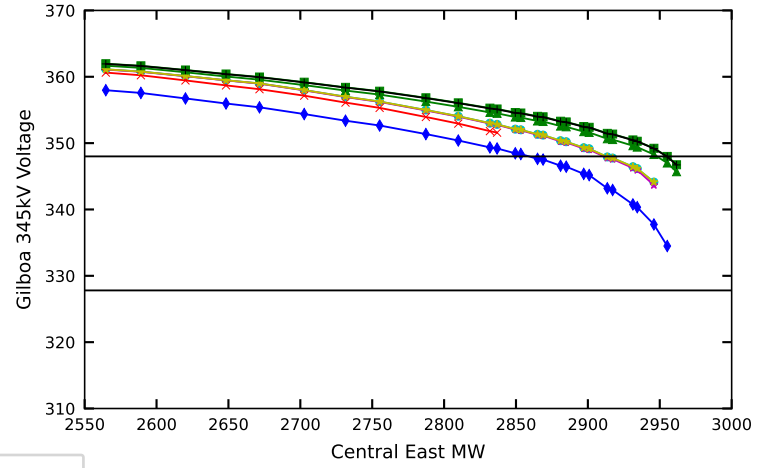
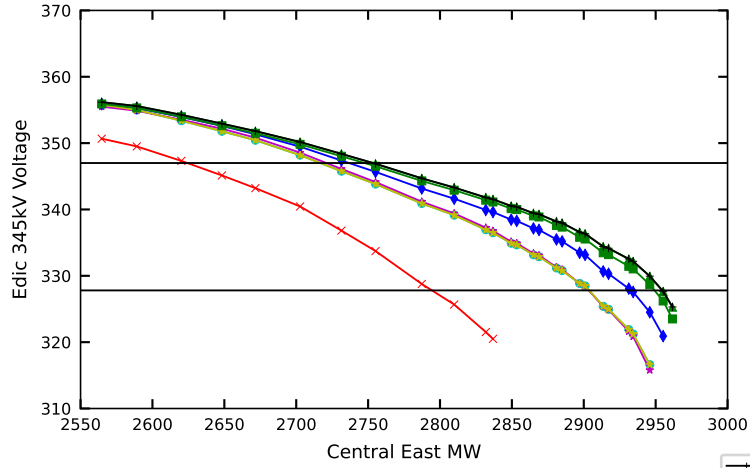
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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 30_OS

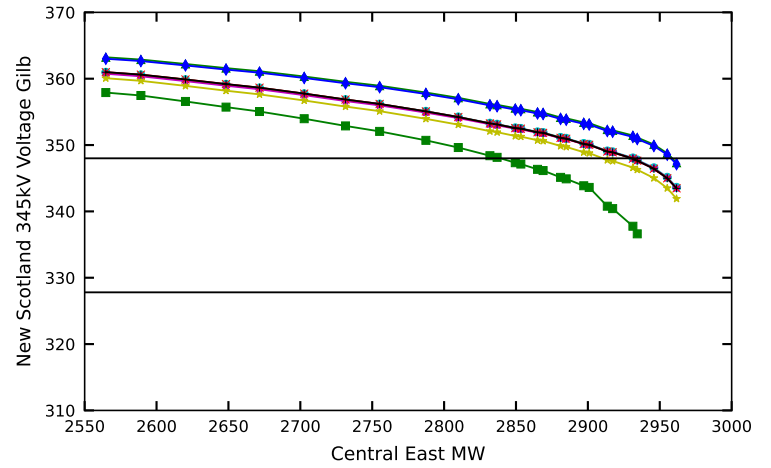
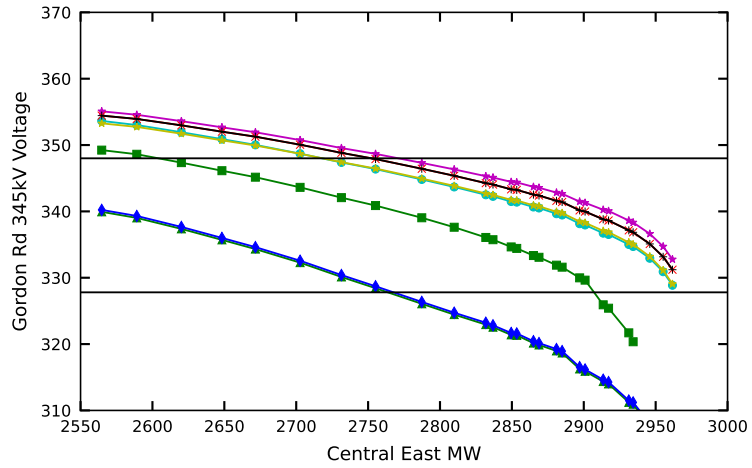
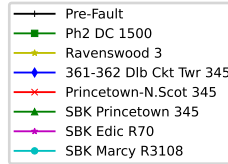
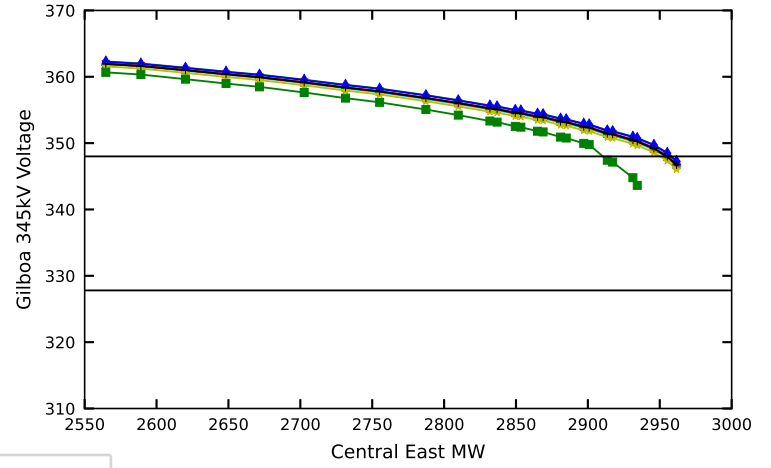
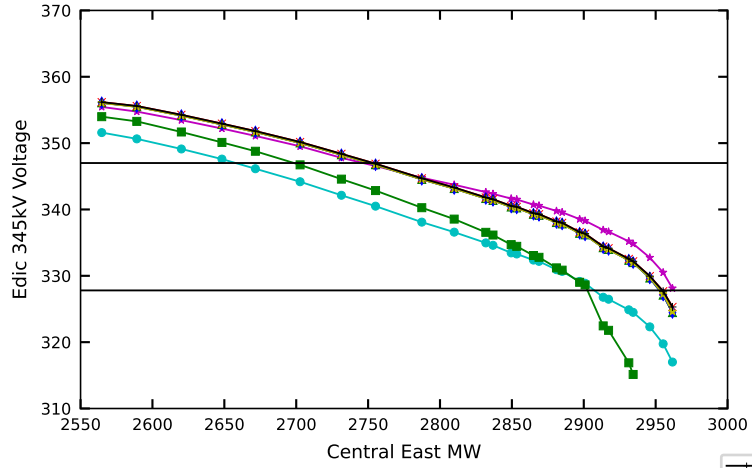
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

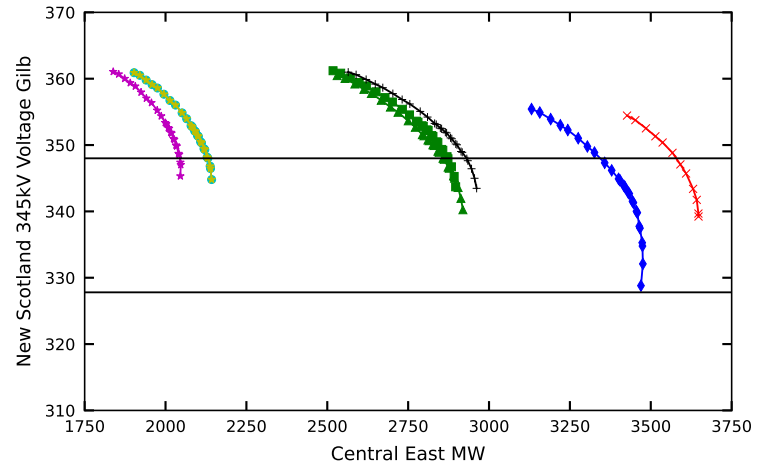
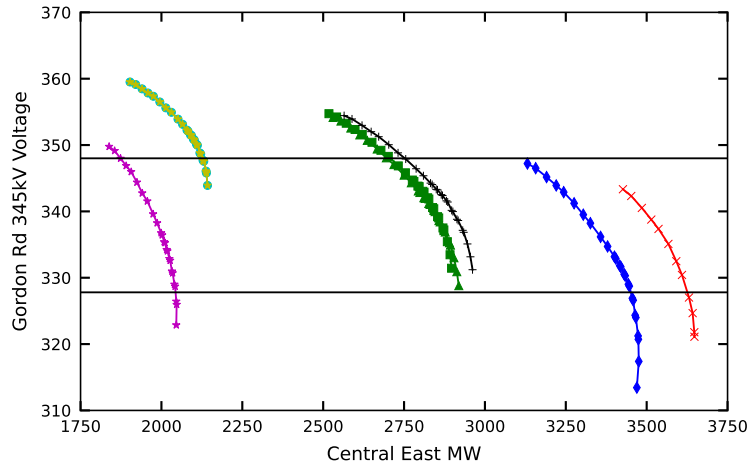
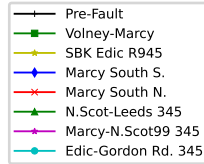
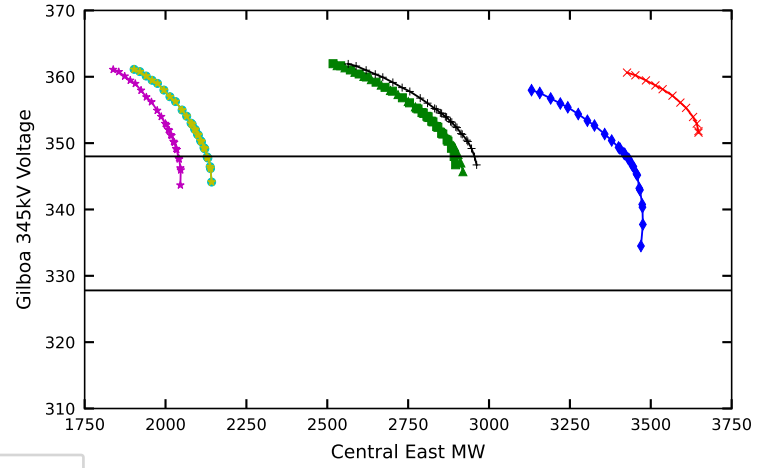
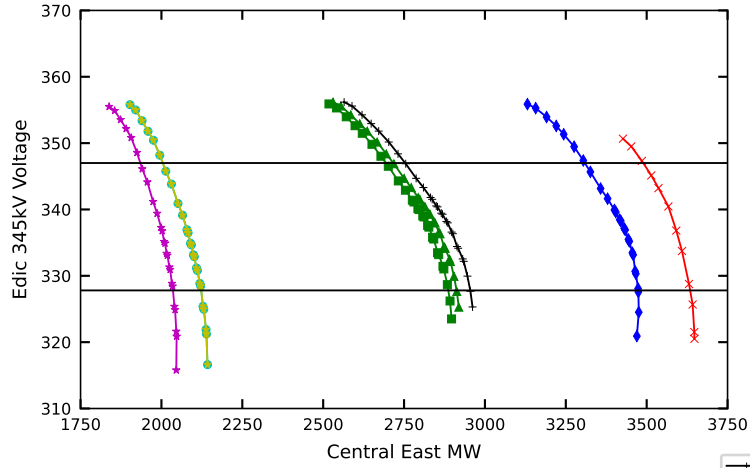
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_05 Figure 1



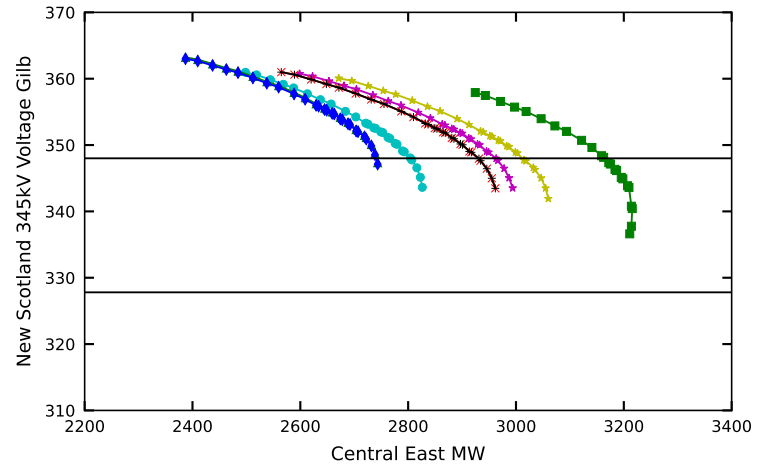
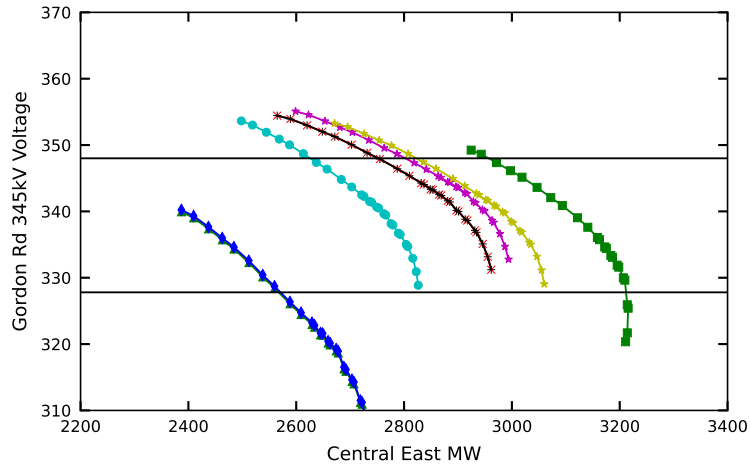
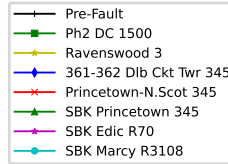
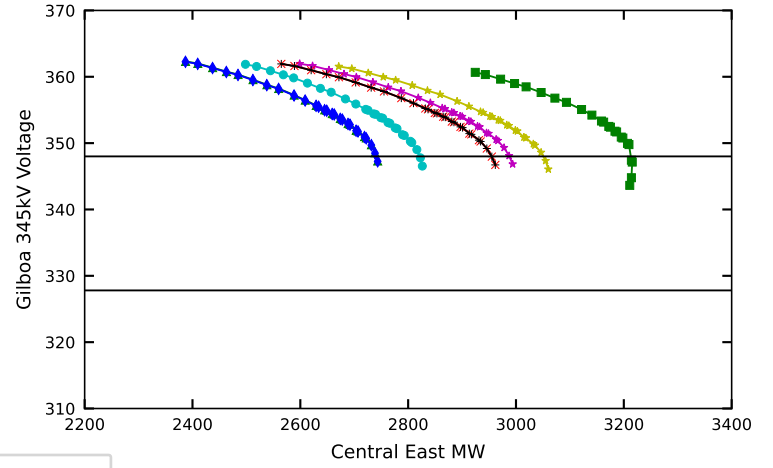
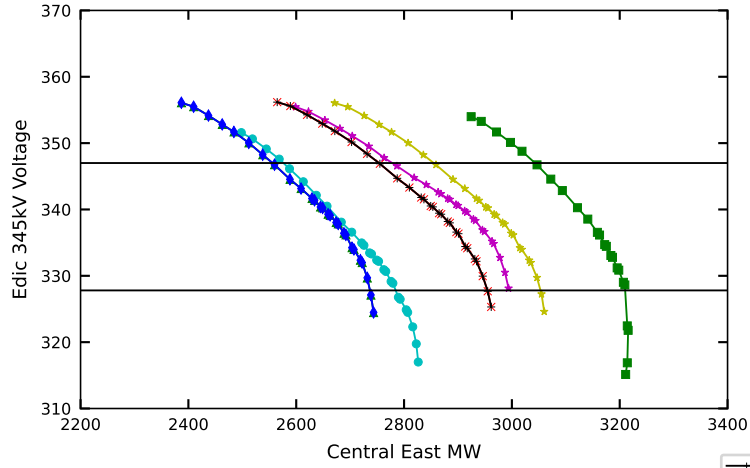
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_05 Figure 2



1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_05 Figure 1



1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_OS

Interface: Central East

Transfer r MW	bas e	ce0 1	ce0 2	ce0 3	ce0 7	ce0 8	ce1 1	ce1 3	ce1 5	ce2 0	ce3 0	ce3 1	ce3 2	log0 9	log1 5
2564	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2589	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2620	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2648	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2671	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2702	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2731	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2755	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2787	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2809	t1 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2831	t1 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2836	t1 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2849	t1 3	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2853	t1 4	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2864	t1 5	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2868	t1 6	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2881	t1 7	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2884	t1 8	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2897	t1 9	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2900	t2 0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2913	t2 1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2917	t2 2	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2931	t2 3	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2934	t2 4	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2945	t2 5	0	0	0	0	2	0	0	0	0	0	0	0	0	2
2955	t2 6	0	2	2	0	2	0	2	0	0	0	0	0	0	2
2961	t2 7	0	2	2	0	2	2	2	0	0	0	0	0	0	2

Voltage Contingency Analysis Procedure (VCAP)

02-27-2023 15:12

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 3O 55_OS

Interface: Central East

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

own- N.Scot 345 ce32)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
361- 362 Dlb Ckt Twr 345 log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Ravens wood 3 log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2		
Ph2 DC 1500																											

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2484 <E	Dunwoodie 345kV Voltage	Pre-Fault	110.9	NA	348	2484
2495 <E	Sprain Brook 345kV Voltage	Pre-Fault	111.1	NA	348	2495
2695	limit with 5% margin	Marcy South N.	NA	NA	NA	3465
2737	Marcy 345kV Voltage	Pre-Fault	15.8	NA	348	2737
2752	Gordon Rd 345kV Voltage	Pre-Fault	25.4	NA	348	2752
2753	Edic 345kV Voltage	Pre-Fault	15.9	NA	347	2753
2763	Gordon Rd 345kV Voltage	SBK Princetown 345	13.7	327.8	347.5	2567
2767	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	13.7	327.8	347.3	2570
2771	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3054
2779	Gordon Rd 345kV Voltage	Marcy South N.	9.5	327.8	346.8	3625
2787	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1944
2794	Edic 345kV Voltage	Marcy South N.	7.3	327.8	344.3	3634
2796	Marcy 345kV Voltage	Marcy South N.	7.2	327.8	344.1	3635
2798	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2035
2798	limit with 5% margin	Marcy South S.	NA	NA	NA	3301
2798	limit with 5% margin	SBK Edic R945	NA	NA	NA	2035
2812	Millwood 345kV Voltage	Pre-Fault	88.1	NA	348	2812
2813	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2773
2813	limit with 5% margin	Volney-Marcy	NA	NA	NA	2752
2813	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2684
2813	limit with 5% margin	SBK Edic R70	NA	NA	NA	2844
2813	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2606
2813	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2813
2813	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2606
2813	limit with 5% margin	Ravenswood 3	NA	NA	NA	2906
2836	Clay 345kV Voltage	Marcy South N.	5.8	327.8	347.1	3647
2855 >E	Oakdale 345kV Voltage	Marcy South N.	7.1	320	346.4	3649
2879	Pannell Road 345kV Voltage	Pre-Fault	36.3	NA	346	2879
2882	Station 80 345kV Voltage	Pre-Fault	17.6	NA	346	2882
2882	Clay 345kV Voltage	Pre-Fault	26.8	NA	345	2882
2891	Gordon Rd 345kV Voltage	Marcy South S.	6.7	327.8	340.8	3451
2893	Buchanan North 345kV Voltage	Pre-Fault	46.1	NA	346	2893
2901	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.1	327.8	336.2	2121
2901	Marcy 345kV Voltage	SBK Edic R945	4.1	327.8	336.2	2121
2902	Edic 345kV Voltage	Ph2 DC 1500	2.0	327.8	336.1	3210
2902	Marcy 345kV Voltage	Ph2 DC 1500	2.0	327.8	336.0	3210
2902 >E	Pannell Road 345kV Voltage	Marcy South N.	9.3	327.8	345.3	3652
2903	Edic 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	335.9	2035
2903	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.1	327.8	335.9	2122

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\55_OS\Sum2023_CEVC_Ph2_30_55_OS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2903	Edic 345kV Voltage	SBK Edic R945	4.1	327.8	335.9	2122
2907	Gordon Rd 345kV Voltage	Ph2 DC 1500	3.4	327.8	339.4	3211
2907	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	335.3	2037
2907	Edic 345kV Voltage	SBK Marcy R3108	6.0	327.8	335.4	2784
2922	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	338.0	2043
2930	New Scotland 345kV Voltage Alps	Pre-Fault	14.8	NA	348	2930
2930	New Scotland 345kV Voltage Gilb	Pre-Fault	14.8	NA	348	2930
2932	Edic 345kV Voltage	Marcy South S.	6.0	327.8	332.4	3473
2934	Marcy 345kV Voltage	Marcy South S.	3.8	327.8	332.1	3474
2940 >E	Station 80 345kV Voltage	Marcy South N.	11.1	327.8	344.7	3655
2940	Oakdale 345kV Voltage	Pre-Fault	5.2	NA	335	2940
2941	Coopers Corners 345kV Voltage	SBK Edic R945	3.7	327.8	340.1	2141
2941	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	3.7	327.8	340.1	2141
2943 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	7.2	327.8	340.5	2050
2946 >E	Fraser 345kV Voltage	SBK Edic R945	2.9	327.8	338.6	2142
2946 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	338.6	2142
2946 >E	Oakdale 345kV Voltage	SBK Edic R945	2.8	320	333.9	2142
2946 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.8	320	333.9	2142
2947 >E	Clay 345kV Voltage	SBK Edic R945	3.2	327.8	338.8	2142
2947 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.2	327.8	338.8	2142
2947	Rock Tavern 345kV Voltage	Pre-Fault	10.8	NA	348	2947
2948	Fraser 345kV Voltage	Pre-Fault	4.1	NA	338	2948
2949	Edic 345kV Voltage	Volney-Marcy	3.8	327.8	329.2	2886
2950	Marcy 345kV Voltage	Volney-Marcy	3.8	327.8	328.8	2887
2951 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.7	320	334.4	2052
2951 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.1	327.8	339.1	2053
2952	Edic 345kV Voltage	SBK Princetown 345	3.6	327.8	328.3	2736
2952	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.6	327.8	328.3	2736
2952	Marcy 345kV Voltage	SBK Princetown 345	3.6	327.8	328.1	2736
2952 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.8	327.8	338.9	2053
2953	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.6	327.8	328.1	2736
2953	Edic 345kV Voltage	Ravenswood 3	3.8	327.8	328.2	3053
2953	Marcy 345kV Voltage	Ravenswood 3	3.7	327.8	328.0	3053
2954	Marcy 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	327.8	2912
2954	Marcy 345kV Voltage	SBK Marcy R3108	4.1	327.8	327.8	2821
2954	Marcy 345kV Voltage	SBK Edic R70	4.1	327.8	327.8	2986
2954	Marcy 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.8	2954
2954	Edic 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	327.8	2912
2954	Coopers Corners 345kV Voltage	Pre-Fault	5.6	NA	338	2954

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2954	Edic 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.8	2954
2954	Gilboa 345kV Voltage	Pre-Fault	7.6	NA	348	2954
2955	Pleasant Valley 345kV Voltage	Pre-Fault	9.2	NA	348	2955
2956 >E	Clay 345kV Voltage	Ph2 DC 1500	7.2	327.8	339.9	3232
2960	Buchanan South 345kV Voltage	Pre-Fault	11.1	NA	346	2960
2962 >E	Edic 345kV Voltage	SBK Edic R70	2.7	327.8	325.0	2994
2962 >E	Clay 345kV Voltage	SBK Marcy R3108	2.6	327.8	334.9	2826
2964 >E	New Scotland 345kV Voltage Alps	Marcy South N.	11.1	327.8	349.2	3657
2964 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	11.1	327.8	349.2	3657
2964 >E	New Scotland 345kV Voltage Alps	Marcy South S.	4.3	327.8	344.5	3477
2964 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	4.3	327.8	344.5	3477
2964 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.1	327.8	330.3	2922
2965 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	3.2	327.8	330.2	2828
2965 >E	Ramapo 500kV Voltage	Ph2 DC 1500	22.1	500	507.3	3236
2965 >E	Gordon Rd 345kV Voltage	Ravenswood 3	3.1	327.8	330.0	3063
2968 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.3	320	325.8	2829
2969 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.2	320	332.7	3237
2973 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	3.3	327.8	327.8	2973
2973 >E	Gordon Rd 345kV Voltage	Volney-Marcy	3.2	327.8	327.7	2905
2974 >E	Clay 345kV Voltage	Volney-Marcy	2.8	327.8	331.2	2905
2974 >E	Oakdale 345kV Voltage	Volney-Marcy	2.4	320	323.2	2906
2977 >E	Coopers Corners 345kV Voltage	Ravenswood 3	3.4	327.8	332.3	3072
2977 >E	Oakdale 345kV Voltage	Ravenswood 3	2.3	320	322.0	3072
2978 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.3	327.8	326.2	3010
2978 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.4	320	321.7	2756
2978 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	320	321.7	2756
2980 >E	Clay 345kV Voltage	Ravenswood 3	2.8	327.8	329.2	3074
2980 >E	Clay 345kV Voltage	SBK Princetown 345	2.9	327.8	329.1	2757
2980 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	327.8	329.1	2757
2980 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	2.9	327.8	327.8	2937
2980 >E	Fraser 345kV Voltage	Volney-Marcy	2.9	327.8	327.8	2910
2980 >E	Fraser 345kV Voltage	SBK Marcy R3108	2.9	327.8	327.8	2836
2980 >E	Fraser 345kV Voltage	SBK Edic R70	2.9	327.8	327.8	3013
2980 >E	Fraser 345kV Voltage	SBK Princetown 345	2.9	327.8	327.8	2758
2980 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	2.9	327.8	327.8	2980
2980 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	327.8	327.8	2758
2980 >E	Fraser 345kV Voltage	Ravenswood 3	2.9	327.8	327.8	3074
2982 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.5	320	320.2	2938

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2982 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.5	320	320.0	2982
2983 >E	Ramapo 345kV Voltage	Pre-Fault	11.3	NA	346	2983
2984 >E	Oakdale 345kV Voltage	SBK Edic R70	2.5	320	319.4	3016
2984 >E	Clay 345kV Voltage	N.Scot-Leeds 345	3.1	327.8	327.9	2940
2984 >E	Clay 345kV Voltage	Princetown-N.Scot 345	3.1	327.8	327.8	2984
2985 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	3.5	327.8	330.3	2761
2985 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	3.5	327.8	330.3	2761
2986 >E	St.Lawrence 230kV Voltage	Pre-Fault	12.1	NA	225	2986
2986 >E	Clay 345kV Voltage	Marcy South S.	5.1	327.8	332.8	3479
2987 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.4	327.8	332.3	2840
2987 >E	Clay 345kV Voltage	SBK Edic R70	3.1	327.8	326.7	3020
2988 >E	Pannell Road 345kV Voltage	SBK Edic R945	5.2	327.8	338.0	2154
2988 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	5.2	327.8	338.0	2154
2989 >E	Coopers Corners 345kV Voltage	SBK Edic R70	3.7	327.8	329.4	3021
2990 >E	Gilboa 345kV Voltage	Marcy South S.	4.5	327.8	345.1	3480
2990 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	328.9	2947
2995 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	4.0	327.8	327.8	2995
2996 >E	Pannell Road 345kV Voltage	Volney-Marcy	3.5	327.8	329.9	2922
2997 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.7	327.8	331.5	2845
2997 >E	Coopers Corners 345kV Voltage	Volney-Marcy	4.0	327.8	327.2	2923
2998 >E	Ramapo 500kV Voltage	Ravenswood 3	16.8	500	505.6	3088
2998 >E	Ladentown 345kV Voltage	Pre-Fault	11.2	NA	346	2998
2998 >E	Pannell Road 345kV Voltage	Ravenswood 3	3.5	327.8	329.4	3088
3000 >E	Pannell Road 345kV Voltage	SBK Princetown 345	3.5	327.8	328.9	2773
3000 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	3.5	327.8	328.9	2773
3002 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	8.7	327.8	337.7	3252
3004 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	327.9	2960
3004 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	3004
3004 >E	Station 80 345kV Voltage	Volney-Marcy	3.8	327.8	329.5	2928
3005 >E	Station 80 345kV Voltage	Ravenswood 3	3.8	327.8	329.5	3093
3006 >E	Pannell Road 345kV Voltage	SBK Edic R70	3.7	327.8	327.3	3039
3007 >E	Fraser 345kV Voltage	Ph2 DC 1500	7.5	327.8	337.8	3254
3008 >E	Station 80 345kV Voltage	SBK Princetown 345	3.8	327.8	328.8	2779
3008 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	3.8	327.8	328.8	2778
3008 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	4.4	327.8	324.5	2852
3008 >E	Fraser 345kV Voltage	Marcy South S.	5.7	327.8	327.8	3482
3008 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	3.8	327.8	332.5	2964
3008 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	3.8	327.8	332.5	2964

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3010 >E	Station 80 345kV Voltage	SBK Edic R945	6.3	327.8	337.6	2161
3010 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	6.3	327.8	337.6	2161
3010 >E	St.Lawrence 230kV Voltage	SBK Edic R945	9.3	218.5	225.0	2161
3010 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	9.3	218.5	225.0	2161
3011 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	327.9	2967
3011 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	4.0	327.8	327.8	3011
3012 >E	Roseton 345kV Voltage	Pre-Fault	9.8	NA	345	3012
3013 >E	Station 80 345kV Voltage	SBK Edic R70	4.0	327.8	327.5	3046
3013 >E	Leeds 345kV Voltage	Pre-Fault	6.9	NA	345	3013
3013 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	7.8	327.8	337.9	2074
3013 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	7.7	218.5	222.7	2855
3017 >E	Oakdale 345kV Voltage	Marcy South S.	5.1	320	320.3	3483
3018 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	4.1	327.8	330.1	3104
3018 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	4.1	327.8	330.1	3104
3019 >E	Somerset 345kV Voltage	Pre-Fault	4.8	NA	338	3019
3025 >E	St.Lawrence 230kV Voltage	Volney-Marcy	8.3	218.5	221.7	2943
3027 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	4.2	327.8	328.0	2944
3027 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	4.2	327.8	328.0	2944
3027 >E	Bowline 1 345kV Voltage	Pre-Fault	11.2	NA	345	3027
3028 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	4.3	327.8	327.8	3028
3028 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	4.3	327.8	327.8	3028
3028 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	4.3	327.8	327.8	3062
3028 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	4.3	327.8	327.8	3062
3029 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	4.3	327.8	327.6	2863
3029 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	4.3	327.8	327.6	2863
3032 >E	Dunwoodie 345kV Voltage	Ravenswood 3	10.1	327.8	335.9	3114
3032 >E	Bowline 2 345kV Voltage	Pre-Fault	11.2	NA	345	3032
3032 >E	Sprain Brook 345kV Voltage	Ravenswood 3	10.0	327.8	336.0	3115
3033 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	20.5	500	505.4	2081
3035 >E	St.Lawrence 230kV Voltage	Ravenswood 3	9.2	218.5	221.0	3117
3038 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	11.6	327.8	338.8	3267
3038 >E	Gilboa 345kV Voltage	SBK Edic R945	5.7	327.8	340.7	2169
3038 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	5.7	327.8	340.7	2169
3042 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	18.0	218.5	227.4	3269
3042 >E	Leeds 345kV Voltage	Marcy South S.	5.5	327.8	349.0	3485
3043 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	9.2	327.8	337.3	2085
3045 >E	St.Lawrence 230kV Voltage	Marcy South N.	22.4	218.5	228.9	3663
3045 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	10.1	327.8	344.5	3270
3045 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	10.1	327.8	344.5	3270
3045 >E	Gordon Rd 345kV Voltage	SBK Edic R945	6.2	327.8	320.0	2171
3045 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	6.2	327.8	320.0	2171

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3048 >E	Rock Tavern 345kV Voltage	Ravenswood 3	6.0	327.8	334.9	3127
3049 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	4.5	327.8	322.9	2810
3049 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	4.5	327.8	322.9	2810
3049 >E	Pannell Road 345kV Voltage	Marcy South S.	8.2	327.8	331.8	3486
3049 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	4.9	327.8	329.7	3003
3050 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	4.5	327.8	322.7	2811
3050 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	4.5	327.8	322.7	2811
3050 >E	Buchanan North 345kV Voltage	Ravenswood 3	9.3	327.8	335.7	3129
3054 >E	Gilboa 345kV Voltage	Ravenswood 3	5.1	327.8	328.9	3132
3054 >E	Millwood 345kV Voltage	Ravenswood 3	9.3	327.8	335.9	3132
3055 >E	Station 80 345kV Voltage	Ph2 DC 1500	12.9	327.8	338.7	3274
3056 >E	Somerset 345kV Voltage	SBK Marcy R3108	4.5	327.8	330.4	2879
3056 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	11.1	218.5	219.2	2816
3056 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	11.1	218.5	219.2	2816
3057 >E	Somerset 345kV Voltage	Ravenswood 3	4.5	327.8	330.1	3134
3058 >E	Gilboa 345kV Voltage	SBK Marcy R3108	5.2	327.8	328.1	2880
3058 >E	Gilboa 345kV Voltage	Volney-Marcy	5.1	327.8	328.0	2967
3059 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	5.2	327.8	327.8	3059
3060 >E	Niagara 345kV Voltage	Pre-Fault	5.3	NA	338	3060
3060 >E	Gilboa 345kV Voltage	SBK Edic R70	5.2	327.8	327.7	3094
3062 >E	Somerset 345kV Voltage	Volney-Marcy	4.7	327.8	329.1	2970
3062 >E	Rock Tavern 345kV Voltage	SBK Edic R945	7.5	327.8	340.3	2176
3062 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	7.5	327.8	340.3	2176
3063 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	5.2	327.8	327.1	2821
3063 >E	Gilboa 345kV Voltage	SBK Princetown 345	5.2	327.8	327.0	2821
3064 >E	Somerset 345kV Voltage	SBK Princetown 345	4.7	327.8	328.7	2822
3064 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	328.7	2822
3064 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	7.0	327.8	334.0	2177
3064 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	7.0	327.8	334.0	2177
3064 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	7.0	327.8	334.0	2177
3064 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	7.0	327.8	334.0	2177
3064 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	12.1	218.5	218.5	3064
3064 >E	Ramapo 500kV Voltage	SBK Edic R945	25.3	500	507.0	2177
3064 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	25.3	500	507.0	2177
3065 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	12.1	218.5	218.4	3019
3068 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	4.8	327.8	327.8	3022

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3068 >E	Somerset 345kV Voltage	SBK Edic R70	4.8	327.8	327.8	3103
3068 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	4.8	327.8	327.8	3068
3071 >E	Buchanan South 345kV Voltage	Ravenswood 3	9.2	327.8	336.0	3145
3073 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	16.4	218.5	225.3	2095
3073 >E	St.Lawrence 230kV Voltage	SBK Edic R70	13.0	218.5	217.8	3108
3076 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	6.3	327.8	331.1	2831
3076 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	6.3	327.8	331.1	2831
3083 >E	Rock Tavern 345kV Voltage	SBK Edic R70	6.7	327.8	330.2	3118
3084 >E	Station 80 345kV Voltage	Marcy South S.	10.0	327.8	331.4	3490
3086 >E	Niagara 230kV East Voltage	Pre-Fault	16.0	NA	225	3086
3086 >E	Niagara 230kV West Voltage	Pre-Fault	16.0	NA	225	3086
3086 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	329.8	3038
3086 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	18.2	500	501.6	2838
3086 >E	Ramapo 500kV Voltage	SBK Princetown 345	18.2	500	501.6	2839
3088 >E	Watercure 230kV Voltage	Marcy South N.	16.6	207	228.0	3666
3090 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	8.1	327.8	331.7	2101
3090 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	8.1	327.8	331.7	2101
3097 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	8.4	327.8	332.5	3165
3099 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	19.7	500	501.0	3051
3100 >E	St.Lawrence 230kV Voltage	Marcy South S.	16.9	218.5	220.8	3491
3100 >E	Ramapo 345kV Voltage	Ravenswood 3	9.2	327.8	335.7	3167
3101 >E	Niagara 345kV Voltage	Ravenswood 3	4.9	327.8	330.2	3168
3101 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	7.5	327.8	327.8	3101
3103 >E	Niagara 345kV Voltage	SBK Marcy R3108	5.0	327.8	329.8	2905
3103 >E	Ramapo 500kV Voltage	SBK Edic R70	19.8	500	500.8	3139
3107 >E	Ladentown 345kV Voltage	Ravenswood 3	9.1	327.8	336.2	3173
3108 >E	Niagara 345kV Voltage	Volney-Marcy	5.1	327.8	328.9	3003
3109 >E	Niagara 345kV Voltage	SBK Princetown 345	5.1	327.8	328.6	2856
3109 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	328.6	2856
3110 >E	Rock Tavern 345kV Voltage	Volney-Marcy	7.9	327.8	326.5	3005
3112 >E	Niagara 345kV Voltage	SBK Edic R70	5.2	327.8	328.0	3148
3113 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	5.2	327.8	327.9	3065
3113 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	5.3	327.8	327.8	3113
3114 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	9.9	327.8	338.5	2110
3114 >E	Pleasant Valley 345kV Voltage	Marcy South S.	10.7	327.8	341.5	3493
3118 >E	Ramapo 500kV Voltage	Volney-Marcy	22.1	500	500.1	3010
3119 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	11.4	327.8	328.8	3070
3120 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	11.5	327.8	328.8	3071

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3120 >E	Sprain Brook 345kV Voltage	SBK Edic R70	11.4	327.8	328.6	3156
3121 >E	Ramapo 500kV Voltage	Pre-Fault	22.1	NA	500	3121
3121 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	22.1	500	500.0	3121
3122 >E	Dunwoodie 345kV Voltage	SBK Edic R70	11.6	327.8	328.6	3157
3122 >E	Bowline 1 345kV Voltage	Ravenswood 3	9.1	327.8	336.6	3185
3122 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	11.3	327.8	328.5	2866
3122 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	10.3	327.8	329.4	2866
3122 >E	Sprain Brook 345kV Voltage	SBK Princeton 345	11.3	327.8	328.4	2867
3123 >E	Buchanan North 345kV Voltage	SBK Princeton 345	10.3	327.8	329.4	2867
3124 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	11.4	327.8	328.4	2867
3124 >E	Dunwoodie 345kV Voltage	SBK Princeton 345	11.4	327.8	328.4	2868
3125 >E	Bowline 2 345kV Voltage	Ravenswood 3	9.1	327.8	336.6	3187
3125 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	10.6	327.8	329.1	3077
3126 >E	Buchanan North 345kV Voltage	SBK Edic R70	10.6	327.8	329.1	3162
3126 >E	Roseton 345kV Voltage	Ravenswood 3	8.6	327.8	333.3	3188
3126 >E	Ramapo 500kV Voltage	SBK Marcy R3108	23.3	500	499.7	2918
3127 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	8.5	327.8	324.3	2918
3128 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	8.7	327.8	329.2	3079
3130 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	329.0	3081
3130 >E	Sprain Brook 345kV Voltage	Princeton-N.Scot 345	12.0	327.8	327.8	3130
3131 >E	Dunwoodie 345kV Voltage	Princeton-N.Scot 345	12.2	327.8	327.8	3131
3132 >E	Leeds 345kV Voltage	Volney-Marcy	6.9	327.8	327.8	3020
3132 >E	Leeds 345kV Voltage	SBK Edic R70	6.9	327.8	327.8	3168
3132 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	6.9	327.8	327.8	3083
3132 >E	Leeds 345kV Voltage	SBK Marcy R3108	6.9	327.8	327.8	2921
3132 >E	Leeds 345kV Voltage	SBK Princeton 345	6.9	327.8	327.8	2874
3132 >E	Leeds 345kV Voltage	Princeton-N.Scot 345	6.9	327.8	327.8	3132
3132 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	6.9	327.8	327.8	2874
3132 >E	Leeds 345kV Voltage	Ravenswood 3	6.9	327.8	327.8	3192
3132 >E	Millwood 345kV Voltage	SBK Edic R70	10.5	327.8	328.8	3168
3134 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	10.3	327.8	328.7	2875
3134 >E	Millwood 345kV Voltage	SBK Princeton 345	10.3	327.8	328.7	2875
3135 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	8.9	327.8	328.5	3171
3137 >E	Sprain Brook 345kV Voltage	Volney-Marcy	12.3	327.8	327.2	3024
3138 >E	Dunwoodie 345kV Voltage	Volney-Marcy	12.5	327.8	327.2	3025
3141 >E	Buchanan North 345kV Voltage	Princeton-N.Scot 345	11.5	327.8	327.8	3141

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3141 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	9.2	327.8	327.8	3141
3142 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	8.9	327.8	327.7	2881
3142 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	8.9	327.8	327.7	2882
3143 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	11.1	327.8	327.8	3143
3146 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	9.3	327.8	327.3	3030
3146 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	329.2	3096
3147 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	10.2	327.8	329.1	2885
3147 >E	Buchanan South 345kV Voltage	SBK Princetown 345	10.2	327.8	329.1	2885
3148 >E	Buchanan South 345kV Voltage	SBK Edic R70	10.4	327.8	329.0	3184
3148 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	12.9	327.8	326.3	2930
3149 >E	Buchanan North 345kV Voltage	Volney-Marcy	11.8	327.8	327.1	3032
3150 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	13.1	327.8	326.3	2931
3151 >E	Millwood 345kV Voltage	Volney-Marcy	11.4	327.8	327.1	3034
3152 >E	Niagara 230kV East Voltage	Ravenswood 3	13.7	218.5	220.8	3208
3152 >E	Niagara 230kV West Voltage	Ravenswood 3	13.7	218.5	220.8	3208
3153 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	9.6	327.8	326.5	2933
3160 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	9.9	327.8	330.4	2895
3160 >E	Niagara 230kV East Voltage	SBK Marcy R3108	14.2	218.5	220.3	2937
3160 >E	Niagara 230kV West Voltage	SBK Marcy R3108	14.2	218.5	220.3	2937
3160 >E	Ramapo 345kV Voltage	SBK Princetown 345	9.9	327.8	330.4	2895
3162 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	11.1	327.8	327.8	3162
3163 >E	Millwood 345kV Voltage	SBK Marcy R3108	11.9	327.8	326.0	2939
3164 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	12.5	327.8	325.8	2939
3164 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	9.0	327.8	329.4	2899
3165 >E	Roseton 345kV Voltage	SBK Princetown 345	9.0	327.8	329.4	2899
3166 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	9.2	327.8	329.3	3115
3166 >E	Roseton 345kV Voltage	SBK Edic R70	9.2	327.8	329.2	3203
3168 >E	Ramapo 345kV Voltage	SBK Edic R70	10.4	327.8	329.7	3205
3169 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	329.6	3118
3170 >E	Buchanan South 345kV Voltage	Volney-Marcy	11.4	327.8	327.1	3048
3171 >E	Gilboa 345kV Voltage	Ph2 DC 1500	13.1	327.8	343.9	3324
3173 >E	Niagara 230kV East Voltage	Volney-Marcy	14.9	218.5	219.5	3050
3173 >E	Niagara 230kV West Voltage	Volney-Marcy	14.9	218.5	219.5	3050
3174 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	10.0	327.8	330.2	2906
3175 >E	Ladentown 345kV Voltage	SBK Princetown 345	10.0	327.8	330.2	2906
3177 >E	Buchanan North 345kV Voltage	SBK Edic R945	15.4	327.8	336.7	2210

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3177 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	15.4	327.8	336.7	2210
3177 >E	Niagara 230kV East Voltage	SBK Princetown 345	15.2	218.5	219.3	2909
3177 >E	Niagara 230kV West Voltage	SBK Princetown 345	15.2	218.5	219.3	2909
3177 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	15.2	218.5	219.3	2909
3177 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	15.2	218.5	219.3	2909
3180 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	9.8	327.8	327.8	3180
3181 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	329.7	3130
3181 >E	Ladentown 345kV Voltage	SBK Edic R70	10.3	327.8	329.6	3218
3182 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	11.9	207	221.5	2134
3185 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	12.0	327.8	325.7	2950
3186 >E	Niagara 230kV East Voltage	SBK Edic R70	15.8	218.5	218.7	3223
3186 >E	Niagara 230kV West Voltage	SBK Edic R70	15.8	218.5	218.7	3223
3188 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	15.9	218.5	218.6	3137
3188 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	15.9	218.5	218.6	3137
3188 >E	Roseton 345kV Voltage	Volney-Marcy	10.0	327.8	327.0	3061
3189 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	11.3	327.8	327.8	3189
3189 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	16.0	218.5	218.5	3189
3189 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	16.0	218.5	218.5	3189
3191 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	10.0	327.8	330.4	2919
3191 >E	Bowline 1 345kV Voltage	SBK Princetown 345	10.0	327.8	330.4	2919
3194 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	9.9	327.8	330.5	2921
3194 >E	Bowline 2 345kV Voltage	SBK Princetown 345	9.9	327.8	330.4	2922
3198 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	329.8	3147
3198 >E	Bowline 1 345kV Voltage	SBK Edic R70	10.4	327.8	329.8	3236
3199 >E	Ramapo 345kV Voltage	SBK Edic R945	13.5	327.8	339.7	2216
3199 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	13.5	327.8	339.7	2216
3200 >E	Ramapo 345kV Voltage	Volney-Marcy	11.7	327.8	326.9	3070
3201 >E	Roseton 345kV Voltage	SBK Marcy R3108	10.5	327.8	325.7	2960
3201 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	10.3	327.8	329.8	3150
3201 >E	Bowline 2 345kV Voltage	SBK Edic R70	10.3	327.8	329.8	3239
3202 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	11.2	327.8	327.8	3202
3212 >E	Ladentown 345kV Voltage	Volney-Marcy	11.6	327.8	326.9	3078
3212 >E	Somerset 345kV Voltage	SBK Edic R945	12.5	327.8	341.1	2220
3212 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	12.5	327.8	341.1	2220
3221 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	11.2	327.8	327.8	3221
3222 >E	Ramapo 345kV Voltage	SBK Marcy R3108	12.6	327.8	324.9	2971
3224 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	17.0	327.8	343.0	2148

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3224 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	11.2	327.8	327.8	3224
3232 >E	Bowline 1 345kV Voltage	Volney-Marcy	11.6	327.8	326.8	3093
3233 >E	Ladentown 345kV Voltage	SBK Marcy R3108	12.4	327.8	325.0	2977
3235 >E	Bowline 2 345kV Voltage	Volney-Marcy	11.5	327.8	326.8	3095
3236 >E	Watercure 230kV Voltage	SBK Edic R945	14.3	207	230.0	2227
3236 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	14.3	207	230.0	2227
3236 >E	Ladentown 345kV Voltage	SBK Edic R945	14.2	327.8	339.9	2228
3236 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	14.2	327.8	339.9	2228
3242 >E	Somerset 345kV Voltage	Marcy South N.	20.1	327.8	348.3	3678
3245 >E	Buchanan South 345kV Voltage	SBK Edic R945	16.5	327.8	336.7	2230
3245 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	16.5	327.8	336.7	2230
3252 >E	Millwood 345kV Voltage	SBK Edic R945	18.0	327.8	335.0	2232
3252 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	18.0	327.8	335.0	2232
3255 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	12.4	327.8	324.8	2989
3255 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	20.9	327.8	333.7	2233
3255 >E	Sprain Brook 345kV Voltage	SBK Edic R945	20.9	327.8	333.7	2233
3255 >E	Ramapo 500kV Voltage	Marcy South N.	54.5	500	501.7	3679
3256 >E	Dunwoodie 345kV Voltage	SBK Edic R945	21.1	327.8	333.6	2233
3256 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	21.1	327.8	333.6	2233
3258 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	12.3	327.8	324.7	2991
3258 >E	Bowline 1 345kV Voltage	SBK Edic R945	14.2	327.8	340.7	2234
3258 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	14.2	327.8	340.7	2234
3264 >E	Dunwoodie 345kV Voltage	Marcy South S.	21.2	327.8	333.3	3509
3264 >E	Bowline 2 345kV Voltage	SBK Edic R945	14.1	327.8	340.9	2236
3264 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	14.1	327.8	340.9	2236
3267 >E	Millwood 345kV Voltage	Marcy South S.	18.5	327.8	334.5	3509
3269 >E	Sprain Brook 345kV Voltage	Marcy South S.	21.3	327.8	333.3	3509
3282 >E	Roseton 345kV Voltage	Marcy South S.	14.6	327.8	337.6	3511
3283 >E	Roseton 345kV Voltage	SBK Edic R945	15.1	327.8	337.6	2241
3283 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	15.1	327.8	337.6	2241
3288 >E	Ramapo 500kV Voltage	Marcy South S.	48.1	500	505.3	3511
3293 >E	Fraser 345kV Voltage	Marcy South N.	20.6	327.8	327.8	3682
3305 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	16.7	327.8	340.2	2177
3319 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	17.7	327.8	332.7	2252
3319 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	17.7	327.8	332.7	2252
3351 >E	Buchanan South 345kV Voltage	Marcy South S.	20.3	327.8	332.9	3518
3355 >E	Gilboa 345kV Voltage	Marcy South N.	21.8	327.8	341.6	3687
3378 >E	Somerset 345kV Voltage	Ph2 DC 1500	23.2	327.8	342.3	3413
3395 >E	Buchanan North 345kV Voltage	Marcy South S.	23.4	327.8	329.0	3523
3398 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	29.4	327.8	338.4	2209
3411 >E	Rock Tavern 345kV Voltage	Marcy South S.	16.5	327.8	316.9	3524

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3413 >E	Gardenville 230kV Voltage	Pre-Fault	25.7	NA	217	3413
3422 >E	Rainey 345kV Voltage	Ravenswood 3	24.1	327.8	341.5	3418
3427 >E	Leeds 345kV Voltage	SBK Edic R945	18.2	327.8	327.8	2284
3427 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	18.2	327.8	327.8	2284
3432 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	25.9	327.8	344.8	3436
3433 >E	Somerset 345kV Voltage	Marcy South S.	20.8	327.8	332.2	3527
3434 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	33.1	327.8	342.3	3437
3445 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	26.1	327.8	341.9	2226
3447 >E	Leeds 345kV Voltage	Ph2 DC 1500	20.3	327.8	347.6	3443
3447 >E	Farragut 345kV Voltage	Ravenswood 3	25.2	327.8	340.7	3437
3514 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	29.6	327.8	346.0	3471
3515 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	27.3	327.8	342.2	2250
3522 >E	Leeds 345kV Voltage	Marcy South N.	25.9	327.8	347.3	3699
3539 >E	Gardenville 230kV Voltage	Ravenswood 3	21.2	207	212.1	3508
3544 >E	Ramapo 345kV Voltage	Ph2 DC 1500	31.4	327.8	345.8	3484
3555 >E	Farragut 345kV Voltage	Pre-Fault	39.4	NA	338	3555
3555 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	27.1	327.8	343.2	2264
3556 >E	Gardenville 230kV Voltage	SBK Marcy R3108	21.9	207	211.4	3158
3557 >E	Rainey 345kV Voltage	Pre-Fault	38.3	NA	338	3557
3562 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	33.2	327.8	339.1	2267
3562 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	34.7	327.8	345.0	3492
3568 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	27.1	327.8	343.5	2269
3571 >E	Millwood 345kV Voltage	Ph2 DC 1500	37.6	327.8	344.1	3495
3574 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	23.6	327.8	327.8	2271
3582 >E	Ramapo 345kV Voltage	Marcy South S.	25.6	327.8	325.4	3542
3586 >E	Ladentown 345kV Voltage	Marcy South S.	25.3	327.8	327.0	3543
3591 >E	Ladentown 345kV Voltage	Ph2 DC 1500	31.5	327.8	347.0	3504
3602 >E	Gardenville 230kV Voltage	Volney-Marcy	23.4	207	209.7	3361
3610 >E	Coopers Corners 345kV Voltage	Marcy South N.	25.8	327.8	307.7	3706
3611 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	45.6	327.8	342.2	3513
3612 >E	Gardenville 230kV Voltage	SBK Princetown 345	23.7	207	209.3	3241
3612 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	23.7	207	209.3	3241
3615 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	38.2	327.8	337.6	2285
3620 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	46.4	327.8	342.2	3516
3640 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	31.4	327.8	348.3	3525
3646 >E	Bowline 1 345kV Voltage	Marcy South S.	25.9	327.8	326.5	3549
3647 >E	Coopers Corners 345kV Voltage	Marcy South S.	18.5	327.8	248.9	3549
3654 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	31.4	327.8	348.7	3531
3661 >E	Gardenville 230kV Voltage	SBK Edic R70	25.4	207	207.3	3709
3663 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	25.5	207	207.3	3593

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3667 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	31.6	327.8	339.9	2303
3668 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	47.4	327.8	336.5	2304
3670 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	25.7	207	207.0	3670
3671 >E	Goethals 345kV Voltage	Ravenswood 3	34.1	327.8	339.6	3611
3682 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	48.4	327.8	336.4	2309
3684 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	34.0	327.8	334.0	2309
3708 >E	Bowline 2 345kV Voltage	Marcy South S.	27.8	327.8	324.6	3556
3712 >E	Niagara 345kV Voltage	SBK Edic R945	26.3	327.8	345.7	2367
3712 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	26.3	327.8	345.7	2367
3723 >E	Roseton 345kV Voltage	Ph2 DC 1500	34.7	327.8	347.6	3561
3756 >E	Goethals 345kV Voltage	Pre-Fault	53.2	NA	338	3756
3793 >E	Niagara 230kV East Voltage	SBK Edic R945	60.1	218.5	229.0	2391
3793 >E	Niagara 230kV West Voltage	SBK Edic R945	60.1	218.5	229.0	2391
3793 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	60.1	218.5	229.0	2391
3793 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	60.1	218.5	229.0	2391
3835 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	63.2	218.5	227.4	2362
3835 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	63.2	218.5	227.4	2362
3859 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	31.4	327.8	343.6	2371
3875 >E	Niagara 230kV East Voltage	Marcy South N.	73.9	218.5	231.2	3726
3875 >E	Niagara 230kV West Voltage	Marcy South N.	73.9	218.5	231.2	3726
3880 >E	Niagara 345kV Voltage	Marcy South N.	37.8	327.8	351.7	3727
3882 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	35.6	327.8	329.5	3448
3882 >E	Rainey 345kV Voltage	SBK Princetown 345	35.6	327.8	329.5	3448
3890 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	36.7	327.8	329.5	3454
3891 >E	Farragut 345kV Voltage	SBK Princetown 345	36.7	327.8	329.5	3455
3894 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	36.3	327.8	329.2	3816
3900 >E	Rainey 345kV Voltage	SBK Edic R70	36.5	327.8	329.0	3954
3904 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	37.4	327.8	329.1	3825
3910 >E	Farragut 345kV Voltage	SBK Edic R70	37.6	327.8	329.0	3964
3934 >E	Pleasant Valley 345kV Voltage	Marcy South N.	51.3	327.8	339.7	3731
3947 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	38.3	327.8	327.8	3947
3957 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	39.4	327.8	327.8	3957
3969 >E	Rainey 345kV Voltage	Volney-Marcy	39.0	327.8	327.2	3628
3970 >E	Watercure 230kV Voltage	Ph2 DC 1500	50.3	207	245.8	3667
3978 >E	Farragut 345kV Voltage	Volney-Marcy	40.1	327.8	327.3	3634
4018 >E	Rainey 345kV Voltage	SBK Marcy R3108	40.8	327.8	325.9	3415
4027 >E	Farragut 345kV Voltage	SBK Marcy R3108	41.9	327.8	326.0	3420
4088 >E	Niagara 345kV Voltage	Ph2 DC 1500	43.8	327.8	345.8	3717
4149 >E	Rock Tavern 345kV Voltage	Marcy South N.	47.3	327.8	313.7	3747

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4198 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	49.0	327.8	329.7	3690
4198 >E	Goethals 345kV Voltage	SBK Princetown 345	49.1	327.8	329.7	3690
4198 >E	Niagara 230kV East Voltage	Ph2 DC 1500	91.6	218.5	229.1	3765
4198 >E	Niagara 230kV West Voltage	Ph2 DC 1500	91.6	218.5	229.1	3765
4237 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	50.8	327.8	329.0	4145
4237 >E	Gardenville 230kV Voltage	Marcy South N.	56.4	207	230.2	3754
4240 >E	Goethals 345kV Voltage	SBK Edic R70	50.9	327.8	328.9	4301
4298 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	53.2	327.8	327.8	4298
4315 >E	Goethals 345kV Voltage	Volney-Marcy	53.7	327.8	327.5	3879
4375 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	54.1	207	224.0	2552
4379 >E	Goethals 345kV Voltage	SBK Marcy R3108	56.1	327.8	326.3	3616
4448 >E	Niagara 345kV Voltage	Marcy South S.	49.8	327.8	333.6	3634
4476 >E	Roseton 345kV Voltage	Marcy South N.	62.6	327.8	331.2	3772
4660 >E	Rainey 345kV Voltage	SBK Edic R945	66.1	327.8	337.5	2646
4661 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	66.1	327.8	337.5	2646
4685 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	68.3	327.8	337.4	2654
4685 >E	Farragut 345kV Voltage	SBK Edic R945	68.3	327.8	337.4	2653
4696 >E	Rainey 345kV Voltage	Marcy South S.	67.1	327.8	337.2	3660
4723 >E	Farragut 345kV Voltage	Marcy South S.	69.5	327.8	337.0	3663
5024 >E	Millwood 345kV Voltage	Marcy South N.	109.7	327.8	327.9	3814
5080 >E	Buchanan North 345kV Voltage	Marcy South N.	111.3	327.8	320.7	3818
5091 >E	Niagara 230kV East Voltage	Marcy South S.	146.6	218.5	222.5	3702
5091 >E	Niagara 230kV West Voltage	Marcy South S.	146.6	218.5	222.5	3702
5197 >E	Sprain Brook 345kV Voltage	Marcy South N.	135.8	327.8	327.3	3827
5204 >E	Dunwoodie 345kV Voltage	Marcy South N.	137.2	327.8	327.5	3828
5252 >E	Gardenville 230kV Voltage	SBK Edic R945	86.8	207	240.2	2820
5252 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	86.8	207	240.2	2820
5253 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	91.2	327.8	337.4	2820
5253 >E	Goethals 345kV Voltage	SBK Edic R945	91.3	327.8	337.4	2821
5308 >E	Goethals 345kV Voltage	Marcy South S.	93.1	327.8	337.1	3725
5328 >E	Buchanan South 345kV Voltage	Marcy South N.	113.3	327.8	323.9	3837
5537 >E	Gardenville 230kV Voltage	Ph2 DC 1500	97.8	207	231.0	4338
5670 >E	Northport 138kV Voltage	Pre-Fault	307.5	NA	135	5670
5947 >E	Ramapo 345kV Voltage	Marcy South N.	123.4	327.8	311.2	3884
6149 >E	Northport 138kV Voltage	Ravenswood 3	257.0	131.1	133.4	5537
6295 >E	Rainey 345kV Voltage	Ph2 DC 1500	129.8	327.8	351.8	4663
6296 >E	Farragut 345kV Voltage	Ph2 DC 1500	132.5	327.8	351.3	4663
6332 >E	Ladentown 345kV Voltage	Marcy South N.	133.8	327.8	310.2	3914
6653 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	290.3	131.1	131.8	5570

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6656 >E	Northport 138kV Voltage	SBK Princetown 345	290.5	131.1	131.8	5572
6666 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	142.5	327.8	342.7	3354
6668 >E	Northport 138kV Voltage	N.Scot-Leeds 345	291.8	131.1	131.8	6482
6685 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	146.1	327.8	342.5	3361
6690 >E	Northport 138kV Voltage	SBK Edic R70	293.5	131.1	131.7	6808
6870 >E	Northport 138kV Voltage	Princetown-N.Scot 345	307.5	131.1	131.1	6870
6965 >E	Northport 138kV Voltage	Volney-Marcy	314.8	131.1	130.8	5803
7106 >E	Bowline 2 345kV Voltage	Marcy South N.	151.8	327.8	303.2	3973
7119 >E	Bowline 1 345kV Voltage	Marcy South N.	154.5	327.8	302.8	3974
7136 >E	Northport 138kV Voltage	SBK Marcy R3108	327.9	131.1	130.2	5153
7163 >E	Goethals 345kV Voltage	Ph2 DC 1500	167.8	327.8	351.6	5035
7826 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	192.2	327.8	343.2	3761
8910 >E	Watercure 230kV Voltage	Marcy South S.	227.3	207	183.4	4107
9510 >E	Northport 138kV Voltage	Marcy South S.	518.8	131.1	135.2	4170
9681 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	531.9	131.1	135.0	4122
9681 >E	Northport 138kV Voltage	SBK Edic R945	531.9	131.1	135.0	4122
13847 >E	Rainey 345kV Voltage	Marcy South N.	411.2	327.8	328.7	4486
13907 >E	Farragut 345kV Voltage	Marcy South N.	421.8	327.8	328.9	4491
14539 >E	Northport 138kV Voltage	Ph2 DC 1500	918.5	131.1	144.7	8197
17350 >E	Watercure 230kV Voltage	SBK Marcy R3108	615.0	207	427.1	10848
17698 >E	Goethals 345kV Voltage	Marcy South N.	574.2	327.8	329.9	4780
22675 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1555.6	131.1	140.0	8964
81602 >E	Northport 138kV Voltage	Marcy South N.	6175.7	131.1	128.4	9651
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

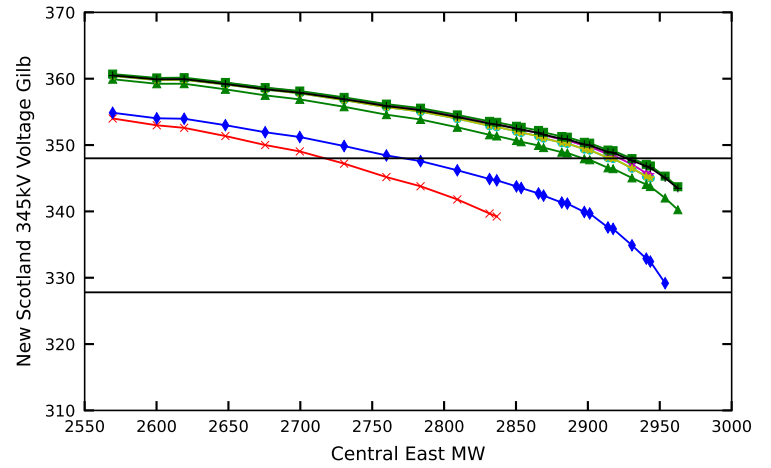
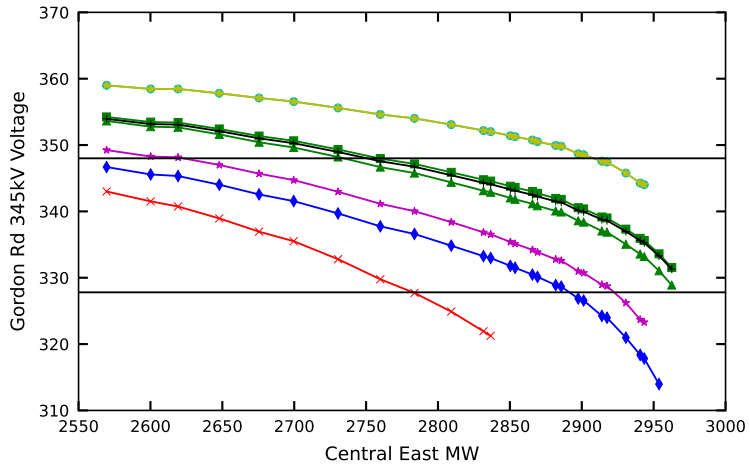
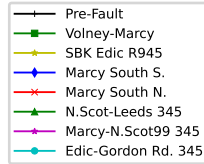
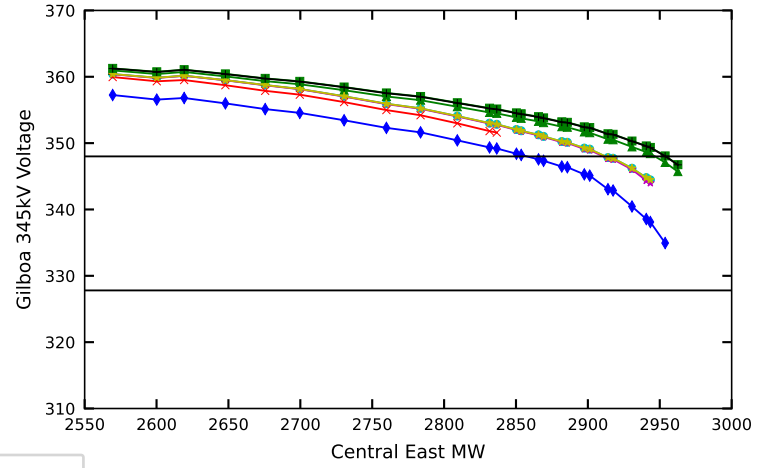
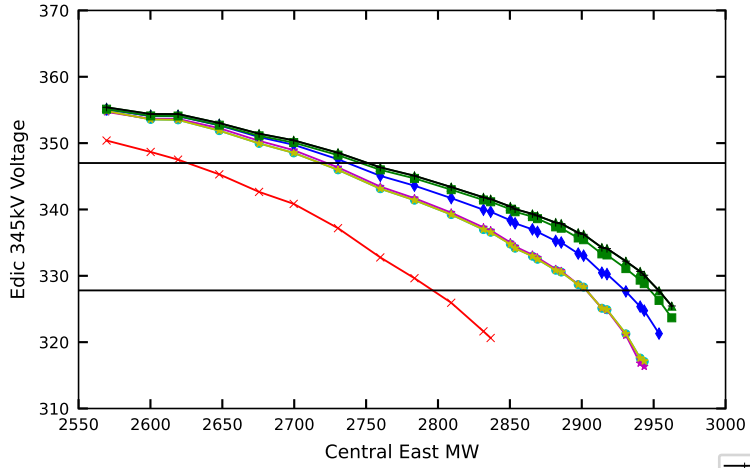
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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 55_OS

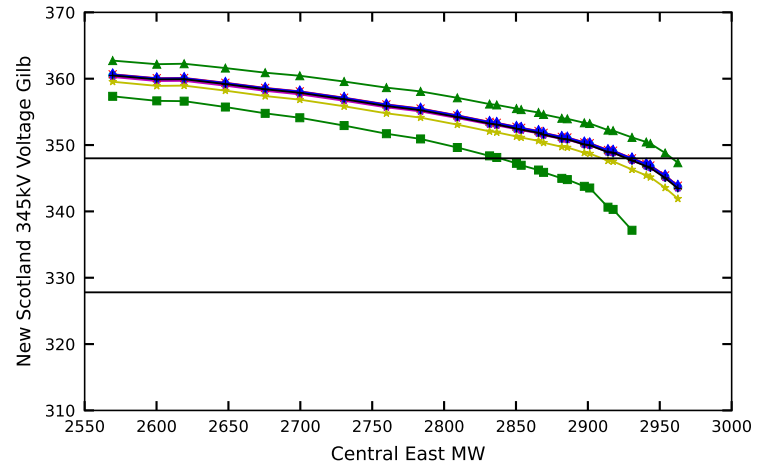
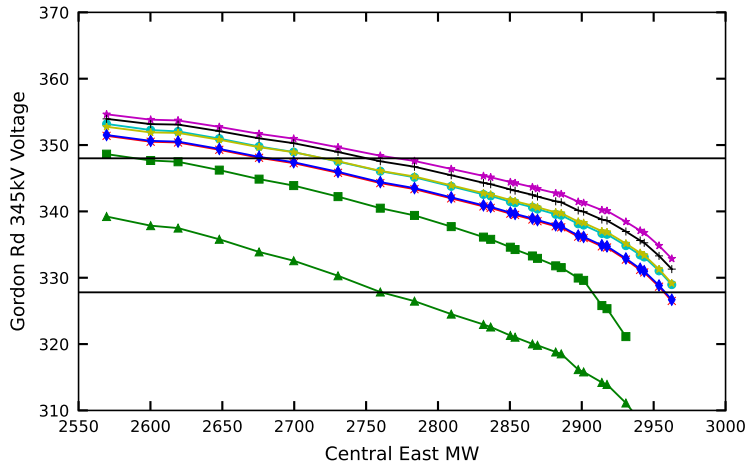
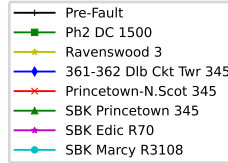
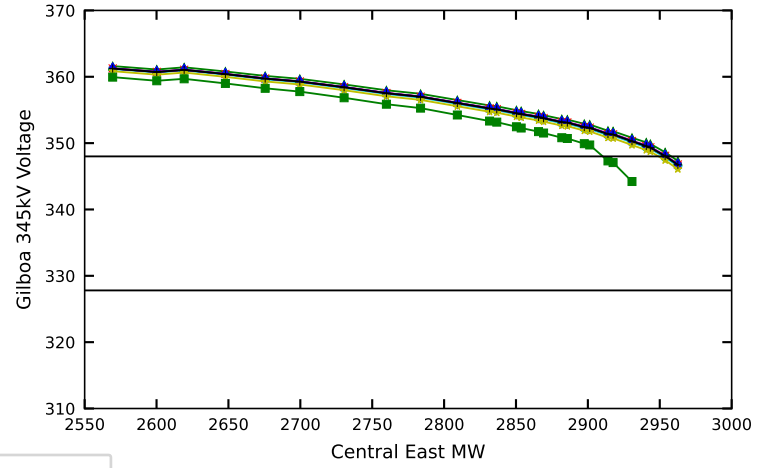
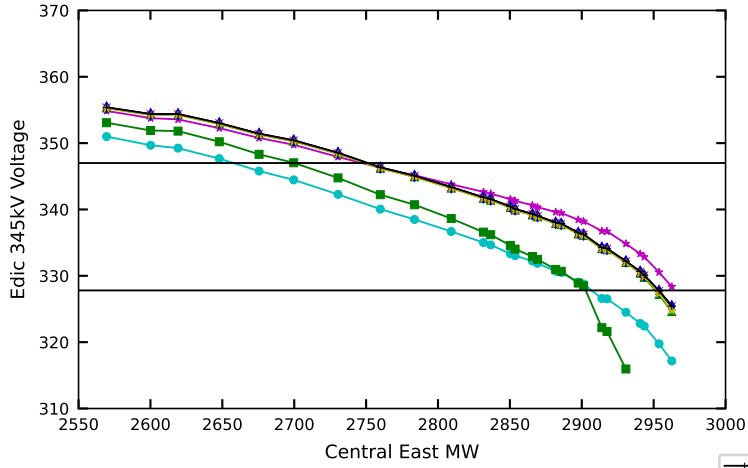
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				<-Post->	<-Pre->	
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>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

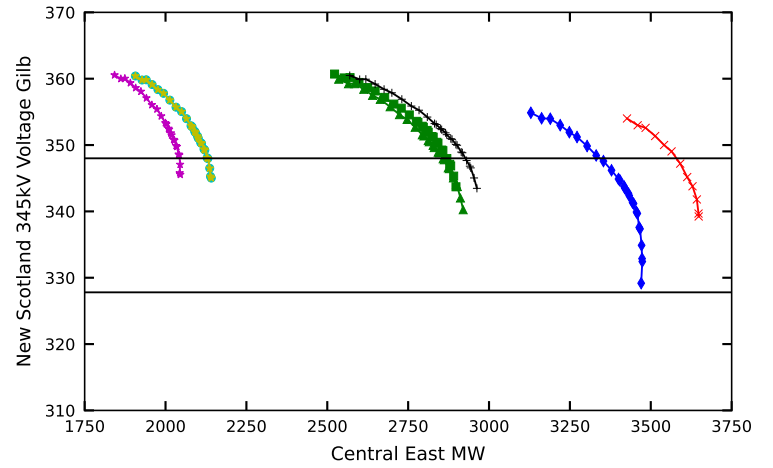
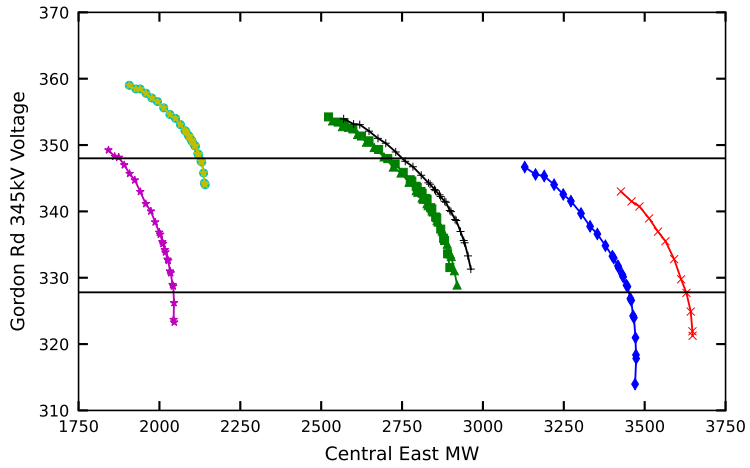
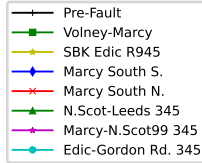
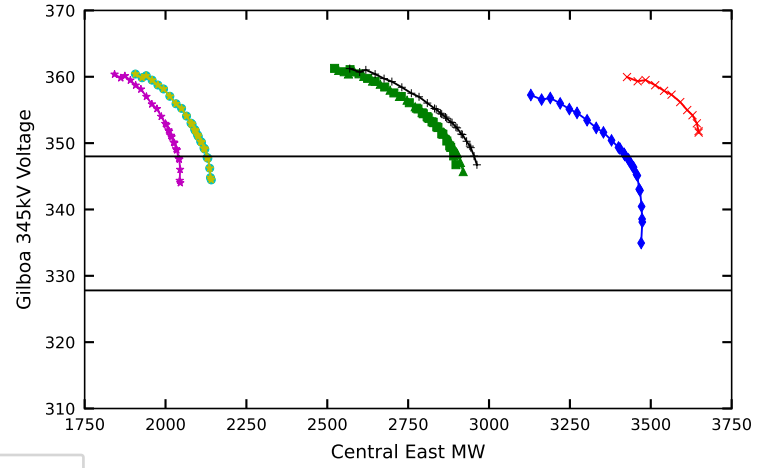
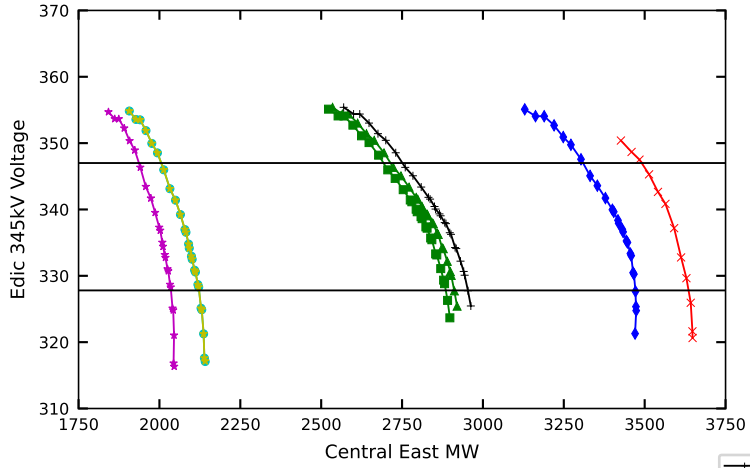
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS Figure 1



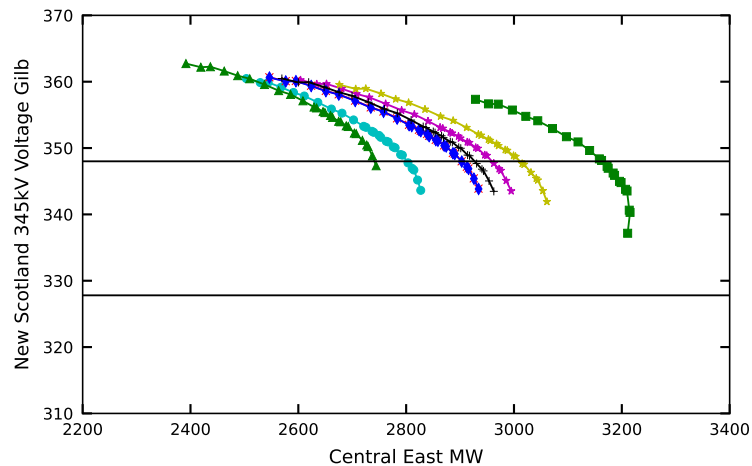
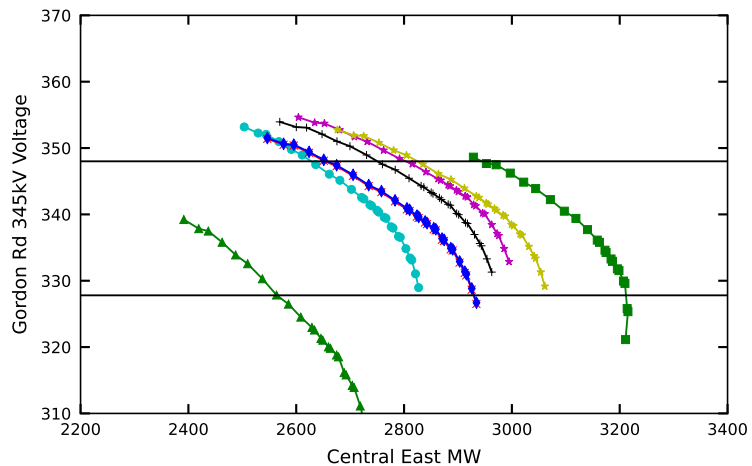
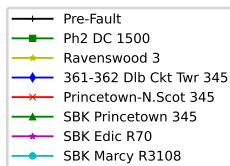
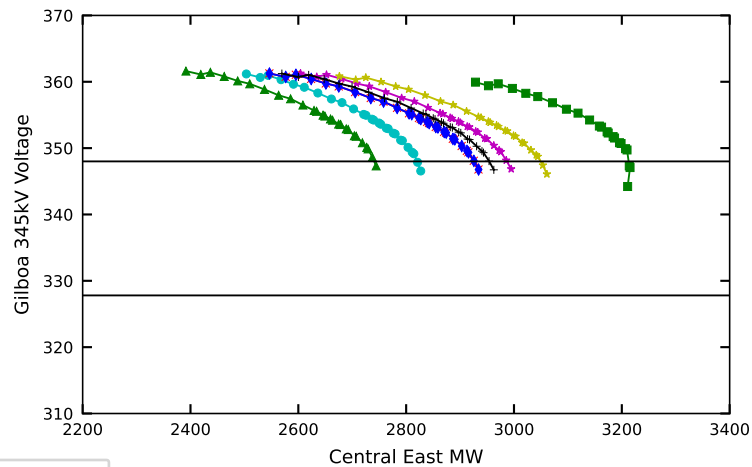
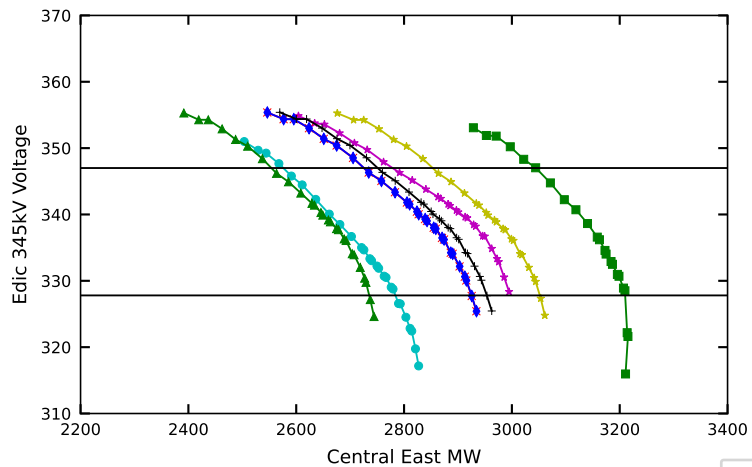
1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS Figure 2



1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS Figure 1



1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS Figure 2



Voltage Contingency Analysis Procedure (VCAP)

02-28-2023 14:47

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 3O 361_OS

Interface: Central East

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\361_OS\Sum2023_CEVC_Ph2_3O_361_OS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1300 3O 361_OS

Interface: Central East

Princet own- N.Scot 345	ce32)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
361- 362 Dlb Ckt Twr 345	log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens wood 3	log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2
Ph2 DC 1500																										

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1877 <E	Dunwoodie 345kV Voltage	Pre-Fault	527.5	NA	348	1877
2088 <E	Sprain Brook 345kV Voltage	Pre-Fault	405.2	NA	348	2088
2694	limit with 5% margin	Marcy South N.	NA	NA	NA	3465
2738	Marcy 345kV Voltage	Pre-Fault	13.2	NA	348	2738
2750	Gordon Rd 345kV Voltage	Pre-Fault	21.0	NA	348	2750
2751	Edic 345kV Voltage	Pre-Fault	13.4	NA	347	2751
2760	Gordon Rd 345kV Voltage	SBK Princetown 345	17.3	327.8	347.5	2564
2771	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3054
2782	Gordon Rd 345kV Voltage	Marcy South N.	11.5	327.8	346.8	3628
2784	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1942
2796	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2034
2796	limit with 5% margin	Marcy South S.	NA	NA	NA	3300
2796	limit with 5% margin	SBK Edic R945	NA	NA	NA	2034
2796	Edic 345kV Voltage	Marcy South N.	6.9	327.8	344.2	3635
2798	Marcy 345kV Voltage	Marcy South N.	6.9	327.8	344.1	3636
2811	Millwood 345kV Voltage	Pre-Fault	87.5	NA	348	2811
2814	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2774
2814	limit with 5% margin	Volney-Marcy	NA	NA	NA	2752
2814	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2685
2814	limit with 5% margin	SBK Edic R70	NA	NA	NA	2845
2814	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2607
2814	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2787
2814	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2787
2814	limit with 5% margin	Ravenswood 3	NA	NA	NA	2908
2837 >E	Clay 345kV Voltage	Marcy South N.	6.0	327.8	347.1	3648
2856 >E	Oakdale 345kV Voltage	Marcy South N.	7.2	320	346.4	3650
2874	Pannell Road 345kV Voltage	Pre-Fault	36.1	NA	346	2874
2877	Station 80 345kV Voltage	Pre-Fault	33.8	NA	346	2877
2880	Clay 345kV Voltage	Pre-Fault	21.3	NA	345	2880
2891	Gordon Rd 345kV Voltage	Marcy South S.	6.6	327.8	340.8	3451
2892	Buchanan North 345kV Voltage	Pre-Fault	46.3	NA	346	2892
2901	Marcy 345kV Voltage	SBK Edic R945	9.9	327.8	336.2	2121
2901	Marcy 345kV Voltage	Edic-Gordon Rd. 345	9.9	327.8	336.2	2121
2902	Edic 345kV Voltage	Ph2 DC 1500	2.0	327.8	336.0	3210
2902	Marcy 345kV Voltage	Ph2 DC 1500	2.0	327.8	335.9	3210
2903	Edic 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	335.9	2035
2903	Edic 345kV Voltage	SBK Edic R945	4.0	327.8	335.9	2122
2903	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.0	327.8	335.9	2122
2905 >E	Pannell Road 345kV Voltage	Marcy South N.	9.6	327.8	345.4	3655
2906	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	335.3	2037

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2906	Edic 345kV Voltage	SBK Marcy R3108	5.8	327.8	335.4	2784
2907	Gordon Rd 345kV Voltage	Ph2 DC 1500	3.3	327.8	339.4	3211
2922	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.2	327.8	338.0	2043
2926	New Scotland 345kV Voltage Alps	Pre-Fault	11.2	NA	348	2926
2926	New Scotland 345kV Voltage Gilb	Pre-Fault	11.2	NA	348	2926
2929	Edic 345kV Voltage	Marcy South S.	5.0	327.8	332.3	3471
2931	Marcy 345kV Voltage	Marcy South S.	4.3	327.8	332.0	3471
2937 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	4.8	327.8	340.3	2046
2938	Oakdale 345kV Voltage	Pre-Fault	5.7	NA	335	2938
2939	Coopers Corners 345kV Voltage	SBK Edic R945	4.3	327.8	340.2	2138
2939	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	340.2	2138
2943 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.5	320	334.0	2047
2944 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	338.8	2047
2945 >E	Station 80 345kV Voltage	Marcy South N.	11.5	327.8	344.9	3659
2946	Rock Tavern 345kV Voltage	Pre-Fault	11.4	NA	348	2946
2947 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.9	327.8	338.4	2144
2947 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	338.3	2144
2947	Edic 345kV Voltage	Volney-Marcy	4.1	327.8	329.1	2885
2947 >E	Fraser 345kV Voltage	SBK Edic R945	5.3	327.8	338.3	2145
2947	Fraser 345kV Voltage	Pre-Fault	4.4	NA	338	2947
2948 >E	Clay 345kV Voltage	SBK Edic R945	6.2	327.8	338.2	2145
2948 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	6.7	320	333.6	2145
2948	Marcy 345kV Voltage	Volney-Marcy	4.1	327.8	328.8	2886
2948 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.7	327.8	338.8	2048
2949 >E	Oakdale 345kV Voltage	SBK Edic R945	7.7	320	333.5	2146
2951	Edic 345kV Voltage	SBK Princetown 345	4.0	327.8	328.3	2735
2951	Marcy 345kV Voltage	SBK Princetown 345	4.0	327.8	328.1	2735
2951	Edic 345kV Voltage	Ravenswood 3	4.1	327.8	328.2	3051
2952	Marcy 345kV Voltage	Ravenswood 3	4.0	327.8	328.0	3052
2952	Marcy 345kV Voltage	SBK Marcy R3108	4.4	327.8	327.8	2820
2952	Marcy 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	327.8	2910
2952	Marcy 345kV Voltage	SBK Edic R70	4.4	327.8	327.8	2984
2952	Marcy 345kV Voltage	Princetown-N.Scot 345	4.4	327.8	327.8	2924
2952	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	327.8	327.8	2924
2953	Edic 345kV Voltage	Princetown-N.Scot 345	4.4	327.8	327.8	2925
2953	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	327.8	327.8	2925
2953	Edic 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	327.8	2911
2953	Coopers Corners 345kV Voltage	Pre-Fault	5.1	NA	338	2953
2954	Gilboa 345kV Voltage	Pre-Fault	6.8	NA	348	2954

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2954	Pleasant Valley 345kV Voltage	Pre-Fault	11.9	NA	348	2954
2957	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	332.5	2928
2958	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	332.3	2929
2961	Buchanan South 345kV Voltage	Pre-Fault	14.3	NA	346	2961
2964 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	7.1	218.5	225.2	3234
2964 >E	Edic 345kV Voltage	SBK Edic R70	4.0	327.8	324.9	2997
2965 >E	Ramapo 500kV Voltage	Ph2 DC 1500	22.4	500	507.3	3234
2965 >E	Clay 345kV Voltage	SBK Marcy R3108	4.5	327.8	335.0	2829
2966 >E	New Scotland 345kV Voltage Alps	Marcy South N.	11.3	327.8	349.2	3661
2966 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	11.3	327.8	349.2	3661
2967 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	330.3	2924
2967 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	4.3	327.8	330.2	2830
2968 >E	Gordon Rd 345kV Voltage	Ravenswood 3	4.2	327.8	330.0	3065
2970 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.8	320	325.7	2832
2973 >E	New Scotland 345kV Voltage Alps	Marcy South S.	6.4	327.8	343.9	3481
2973 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	6.4	327.8	343.9	3481
2978 >E	Gordon Rd 345kV Voltage	Volney-Marcy	4.3	327.8	327.7	2910
2978 >E	Oakdale 345kV Voltage	Volney-Marcy	2.9	320	323.1	2910
2982 >E	Oakdale 345kV Voltage	Ravenswood 3	2.9	320	322.0	3077
2982 >E	Coopers Corners 345kV Voltage	Ravenswood 3	4.4	327.8	332.4	3078
2983 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.9	320	321.6	2760
2984 >E	Clay 345kV Voltage	Marcy South S.	5.2	327.8	331.2	3484
2985 >E	Gordon Rd 345kV Voltage	SBK Edic R70	4.5	327.8	326.1	3018
2985 >E	Clay 345kV Voltage	Volney-Marcy	4.8	327.8	331.3	2916
2987 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.8	327.8	327.8	2943
2987 >E	Fraser 345kV Voltage	Volney-Marcy	3.8	327.8	327.8	2917
2987 >E	Fraser 345kV Voltage	SBK Marcy R3108	3.8	327.8	327.8	2843
2987 >E	Fraser 345kV Voltage	SBK Edic R70	3.8	327.8	327.8	3020
2987 >E	Fraser 345kV Voltage	SBK Princetown 345	3.8	327.8	327.8	2763
2987 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	3.8	327.8	327.8	2958
2987 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.8	327.8	327.8	2958
2987 >E	Fraser 345kV Voltage	Ravenswood 3	3.8	327.8	327.8	3082
2987 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.0	320	320.2	2944
2987 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	3.0	320	320.2	2958
2987 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.0	320	320.2	2958
2988 >E	Clay 345kV Voltage	Ph2 DC 1500	13.1	327.8	342.6	3244
2990 >E	Oakdale 345kV Voltage	SBK Edic R70	3.0	320	319.3	3023
2991 >E	Ramapo 345kV Voltage	Pre-Fault	14.7	NA	346	2991

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2993 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	4.5	327.8	330.3	2768
2995 >E	Clay 345kV Voltage	Ravenswood 3	4.8	327.8	329.4	3089
2996 >E	Clay 345kV Voltage	SBK Princetown 345	4.9	327.8	329.3	2771
2997 >E	St.Lawrence 230kV Voltage	Pre-Fault	16.7	NA	225	2997
2998 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.8	327.8	329.3	3031
3000 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.9	327.8	328.9	2957
3003 >E	Clay 345kV Voltage	N.Scot-Leeds 345	5.3	327.8	327.9	2959
3003 >E	Clay 345kV Voltage	Princetown-N.Scot 345	5.3	327.8	327.9	2974
3003 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	5.3	327.8	327.9	2974
3004 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	328.1	2975
3004 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	5.1	327.8	328.1	2975
3007 >E	Oakdale 345kV Voltage	Ph2 DC 1500	9.1	320	335.8	3251
3008 >E	Gilboa 345kV Voltage	Marcy South S.	6.3	327.8	344.1	3490
3009 >E	Coopers Corners 345kV Voltage	Volney-Marcy	5.2	327.8	327.1	2935
3010 >E	Ladentown 345kV Voltage	Pre-Fault	14.5	NA	346	3010
3011 >E	Fraser 345kV Voltage	Marcy South S.	6.1	327.8	327.8	3491
3012 >E	Clay 345kV Voltage	SBK Edic R70	5.6	327.8	326.3	3045
3012 >E	Ramapo 500kV Voltage	Ravenswood 3	23.3	500	505.6	3103
3013 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	8.2	327.8	338.1	2061
3021 >E	Fraser 345kV Voltage	Ph2 DC 1500	8.8	327.8	339.1	3257
3023 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	5.7	327.8	324.5	2867
3024 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	5.0	327.8	332.4	2980
3024 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	5.0	327.8	332.4	2980
3028 >E	Roseton 345kV Voltage	Pre-Fault	12.7	NA	345	3028
3030 >E	Leeds 345kV Voltage	Pre-Fault	9.0	NA	345	3030
3030 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	18.6	500	504.4	2217
3035 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	10.7	218.5	222.7	2875
3035 >E	Ramapo 500kV Voltage	SBK Edic R945	19.5	500	504.2	2220
3037 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	11.6	327.8	333.7	2223
3038 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	5.4	327.8	330.1	3125
3038 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	5.4	327.8	330.1	3125
3042 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	9.5	327.8	333.0	2879
3046 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	10.0	327.8	337.7	2067
3048 >E	Bowline 1 345kV Voltage	Pre-Fault	14.5	NA	345	3048
3050 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	5.5	327.8	328.0	2968
3050 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	5.5	327.8	328.0	2968
3050 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	10.7	327.8	345.1	3269
3050 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	10.7	327.8	345.1	3269
3050 >E	St.Lawrence 230kV Voltage	Marcy South N.	23.0	218.5	228.9	3670

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3051 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	5.7	327.8	327.7	3086
3051 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	5.7	327.8	327.7	3086
3052 >E	Dunwoodie 345kV Voltage	Ravenswood 3	12.9	327.8	336.0	3138
3052 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	5.7	327.8	327.5	2886
3052 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	5.7	327.8	327.5	2886
3052 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	13.1	327.8	339.7	3270
3052 >E	Sprain Brook 345kV Voltage	Ravenswood 3	12.8	327.8	336.0	3138
3053 >E	St.Lawrence 230kV Voltage	Volney-Marcy	11.6	218.5	221.7	2970
3054 >E	Pannell Road 345kV Voltage	SBK Edic R945	13.6	327.8	332.2	2237
3054 >E	Bowline 2 345kV Voltage	Pre-Fault	14.4	NA	345	3054
3054 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	5.7	327.8	327.2	3024
3054 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	5.7	327.8	327.2	3024
3054 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	5.7	327.8	327.2	3024
3054 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	5.7	327.8	327.2	3024
3059 >E	Oakdale 345kV Voltage	Marcy South S.	8.1	320	320.0	3503
3062 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	15.5	218.5	224.9	2070
3067 >E	St.Lawrence 230kV Voltage	Ravenswood 3	13.0	218.5	220.8	3150
3069 >E	Pannell Road 345kV Voltage	Volney-Marcy	10.1	327.8	330.7	2983
3073 >E	Rock Tavern 345kV Voltage	Ravenswood 3	7.7	327.8	335.1	3156
3074 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	8.3	327.8	336.0	2255
3075 >E	Pannell Road 345kV Voltage	Ravenswood 3	10.1	327.8	330.1	3157
3076 >E	Buchanan North 345kV Voltage	Ravenswood 3	11.9	327.8	335.8	3158
3077 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	329.7	3031
3079 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	6.0	327.8	322.8	2836
3079 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	6.0	327.8	322.8	2836
3079 >E	Rock Tavern 345kV Voltage	SBK Edic R945	8.6	327.8	335.6	2259
3080 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	8.2	327.8	338.3	2260
3081 >E	Millwood 345kV Voltage	Ravenswood 3	11.9	327.8	335.9	3162
3082 >E	Pannell Road 345kV Voltage	SBK Princetown 345	10.3	327.8	329.5	2839
3082 >E	Pannell Road 345kV Voltage	Marcy South S.	11.2	327.8	329.7	3509
3083 >E	Gilboa 345kV Voltage	Ravenswood 3	6.6	327.8	328.8	3164
3086 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	8.6	327.8	338.3	2075
3088 >E	Gilboa 345kV Voltage	SBK Marcy R3108	6.7	327.8	328.0	2910
3089 >E	Gilboa 345kV Voltage	Volney-Marcy	6.7	327.8	327.9	2999
3089 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	14.6	327.8	332.4	2268
3090 >E	St.Lawrence 230kV Voltage	Marcy South S.	16.1	218.5	216.2	3511
3091 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	6.8	327.8	327.7	3060
3091 >E	Gilboa 345kV Voltage	SBK Edic R945	8.9	327.8	337.5	2268

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3091 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	6.8	327.8	327.7	3059
3091 >E	Gilboa 345kV Voltage	SBK Edic R70	6.8	327.8	327.7	3127
3095 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	15.4	218.5	219.2	2849
3095 >E	Watercure 230kV Voltage	Marcy South N.	17.0	207	228.1	3674
3095 >E	Gilboa 345kV Voltage	SBK Princetown 345	6.8	327.8	327.1	2849
3099 >E	Ramapo 500kV Voltage	Marcy South S.	22.0	500	501.7	3513
3101 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	11.5	327.8	327.9	3053
3101 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	11.5	327.8	327.8	3070
3101 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	11.5	327.8	327.8	3070
3102 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	34.9	500	507.0	2078
3102 >E	Buchanan South 345kV Voltage	Ravenswood 3	11.7	327.8	336.1	3180
3106 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	16.7	218.5	218.5	3075
3106 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	16.7	218.5	218.5	3074
3106 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	16.8	218.5	218.4	3059
3107 >E	Leeds 345kV Voltage	Marcy South S.	9.2	327.8	347.5	3515
3108 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	9.2	327.8	331.8	2079
3108 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	9.2	327.8	331.8	2079
3108 >E	Station 80 345kV Voltage	SBK Marcy R3108	14.1	327.8	332.9	2924
3110 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	10.5	327.8	340.1	2079
3112 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	8.2	327.8	331.1	2862
3114 >E	Pannell Road 345kV Voltage	SBK Edic R70	12.0	327.8	326.7	3151
3116 >E	Station 80 345kV Voltage	SBK Edic R945	17.2	327.8	330.5	2291
3117 >E	St.Lawrence 230kV Voltage	SBK Edic R70	17.9	218.5	217.8	3154
3122 >E	Rock Tavern 345kV Voltage	SBK Edic R70	8.8	327.8	330.0	3159
3125 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	8.9	327.8	329.7	3077
3127 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	11.4	327.8	313.0	2301
3131 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	10.9	327.8	329.5	2305
3131 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	10.9	327.8	329.5	2305
3136 >E	Station 80 345kV Voltage	Marcy South S.	14.2	327.8	329.0	3522
3137 >E	Ramapo 500kV Voltage	SBK Princetown 345	25.4	500	501.7	2882
3138 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	10.8	327.8	332.6	3210
3139 >E	Gordon Rd 345kV Voltage	SBK Edic R945	12.1	327.8	311.6	2310
3139 >E	Ramapo 345kV Voltage	Ravenswood 3	11.7	327.8	335.9	3212
3141 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	9.6	327.8	328.1	3109
3141 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	9.6	327.8	328.1	3109
3143 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	11.6	327.8	328.4	2313
3143 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	11.6	327.8	328.4	2313
3144 >E	Station 80 345kV Voltage	Volney-Marcy	15.1	327.8	330.9	3043

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3146 >E	Station 80 345kV Voltage	Ravenswood 3	15.0	327.8	330.7	3218
3149 >E	Ladentown 345kV Voltage	Ravenswood 3	11.7	327.8	336.4	3220
3156 >E	Rock Tavern 345kV Voltage	Volney-Marcy	10.2	327.8	326.6	3053
3157 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	30.1	218.5	210.8	2327
3157 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	27.9	500	501.0	3107
3163 >E	Station 80 345kV Voltage	SBK Princetown 345	15.6	327.8	329.8	2902
3164 >E	Ramapo 500kV Voltage	SBK Edic R70	28.2	500	500.8	3203
3166 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	14.7	327.8	328.7	3116
3167 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	14.9	327.8	328.7	3117
3168 >E	Bowline 1 345kV Voltage	Ravenswood 3	11.7	327.8	336.7	3236
3169 >E	Sprain Brook 345kV Voltage	SBK Edic R70	14.8	327.8	328.6	3207
3170 >E	Dunwoodie 345kV Voltage	SBK Edic R70	15.0	327.8	328.5	3209
3171 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	14.6	327.8	328.4	2909
3172 >E	Buchanan North 345kV Voltage	SBK Princetown 345	13.4	327.8	329.4	2909
3172 >E	Bowline 2 345kV Voltage	Ravenswood 3	11.6	327.8	336.8	3240
3172 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	14.8	327.8	328.4	2910
3175 >E	Roseton 345kV Voltage	Ravenswood 3	11.1	327.8	333.5	3242
3176 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	329.1	3126
3177 >E	Buchanan North 345kV Voltage	SBK Edic R70	13.9	327.8	329.0	3216
3178 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	11.0	327.8	324.3	2970
3179 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	11.3	327.8	329.2	3128
3180 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	15.5	327.8	327.8	3147
3180 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	15.5	327.8	327.8	3147
3181 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	13.5	327.8	329.0	3130
3181 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	15.7	327.8	327.8	3148
3181 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	15.7	327.8	327.8	3148
3183 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	30.8	500	500.2	3150
3183 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	30.8	500	500.2	3150
3184 >E	Millwood 345kV Voltage	SBK Edic R70	13.6	327.8	328.7	3223
3185 >E	Ramapo 500kV Voltage	Volney-Marcy	31.4	500	500.1	3076
3185 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	9.0	327.8	327.8	3135
3185 >E	Leeds 345kV Voltage	Volney-Marcy	9.0	327.8	327.8	3076
3185 >E	Leeds 345kV Voltage	SBK Marcy R3108	9.0	327.8	327.8	2975
3185 >E	Leeds 345kV Voltage	SBK Edic R70	9.0	327.8	327.8	3225
3185 >E	Leeds 345kV Voltage	SBK Princetown 345	9.0	327.8	327.8	2920
3185 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	9.0	327.8	327.8	3152
3185 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	9.0	327.8	327.8	3152

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3185 >E	Leeds 345kV Voltage	Ravenswood 3	9.0	327.8	327.8	3251
3185 >E	Millwood 345kV Voltage	SBK Princetown 345	13.3	327.8	328.6	2920
3188 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	11.6	327.8	328.4	3227
3189 >E	Ramapo 500kV Voltage	Pre-Fault	31.3	NA	500	3189
3189 >E	Sprain Brook 345kV Voltage	Volney-Marcy	15.9	327.8	327.2	3079
3191 >E	Dunwoodie 345kV Voltage	Volney-Marcy	16.1	327.8	327.2	3080
3193 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	14.7	327.8	327.9	3160
3193 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	14.7	327.8	327.9	3160
3194 >E	Gilboa 345kV Voltage	Ph2 DC 1500	14.4	327.8	345.3	3328
3196 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	11.9	327.8	327.7	3163
3196 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	11.9	327.8	327.7	3163
3197 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	14.2	327.8	327.8	3163
3197 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	14.2	327.8	327.8	3164
3197 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	11.6	327.8	327.7	2929
3197 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	17.8	327.8	327.9	3146
3198 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	17.8	327.8	327.8	3165
3198 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	17.8	327.8	327.8	3164
3199 >E	Ramapo 500kV Voltage	SBK Marcy R3108	33.4	500	499.7	2983
3201 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	12.1	327.8	327.3	3089
3202 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	13.4	327.8	329.1	3151
3202 >E	Buchanan South 345kV Voltage	SBK Princetown 345	13.2	327.8	329.1	2934
3204 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	16.7	327.8	326.3	2987
3205 >E	Buchanan South 345kV Voltage	SBK Edic R70	13.5	327.8	329.0	3244
3205 >E	Buchanan North 345kV Voltage	Volney-Marcy	15.3	327.8	327.1	3092
3206 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	16.9	327.8	326.3	2988
3207 >E	Millwood 345kV Voltage	Volney-Marcy	14.6	327.8	327.1	3093
3211 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	12.4	327.8	326.4	2992
3218 >E	Station 80 345kV Voltage	SBK Edic R70	18.8	327.8	326.7	3259
3220 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	14.2	327.8	327.9	3186
3220 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	14.2	327.8	327.9	3186
3220 >E	Ramapo 345kV Voltage	SBK Princetown 345	12.9	327.8	330.4	2948
3223 >E	Millwood 345kV Voltage	SBK Marcy R3108	15.4	327.8	326.0	3000
3225 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	16.3	327.8	325.8	3001
3227 >E	Roseton 345kV Voltage	SBK Princetown 345	11.8	327.8	329.4	2953
3229 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	12.0	327.8	329.2	3177
3230 >E	St.Lawrence 230kV Voltage	SBK Edic R945	40.2	218.5	204.9	2389

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3230 >E	Roseton 345kV Voltage	SBK Edic R70	12.1	327.8	329.1	3271
3232 >E	Ramapo 345kV Voltage	SBK Edic R70	13.5	327.8	329.6	3272
3232 >E	Buchanan South 345kV Voltage	Volney-Marcy	14.7	327.8	327.1	3113
3232 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	13.6	327.8	329.5	3180
3239 >E	Ladentown 345kV Voltage	SBK Princetown 345	12.9	327.8	330.2	2963
3246 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	12.7	327.8	327.9	3212
3246 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	12.7	327.8	327.9	3211
3248 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	13.5	327.8	329.6	3195
3249 >E	Ladentown 345kV Voltage	SBK Edic R70	13.5	327.8	329.5	3290
3251 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	15.5	327.8	325.7	3018
3255 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	14.5	327.8	328.0	3220
3255 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	14.5	327.8	328.0	3220
3258 >E	Roseton 345kV Voltage	Volney-Marcy	13.1	327.8	327.0	3134
3258 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	20.8	327.8	335.9	2108
3260 >E	Somerset 345kV Voltage	Marcy South N.	21.0	327.8	348.6	3691
3260 >E	Bowline 1 345kV Voltage	SBK Princetown 345	13.0	327.8	330.4	2980
3260 >E	Ramapo 500kV Voltage	Marcy South N.	55.2	500	501.7	3691
3264 >E	Bowline 2 345kV Voltage	SBK Princetown 345	12.9	327.8	330.4	2983
3271 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	13.5	327.8	329.7	3217
3271 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	14.4	327.8	328.0	3236
3271 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	14.4	327.8	328.0	3236
3271 >E	Bowline 1 345kV Voltage	SBK Edic R70	13.5	327.8	329.6	3313
3272 >E	Ramapo 345kV Voltage	Volney-Marcy	15.2	327.8	326.8	3145
3275 >E	Roseton 345kV Voltage	SBK Marcy R3108	13.6	327.8	325.7	3034
3275 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	13.4	327.8	329.7	3221
3275 >E	Bowline 2 345kV Voltage	SBK Edic R70	13.4	327.8	329.7	3317
3287 >E	Rock Tavern 345kV Voltage	Marcy South S.	12.1	327.8	316.2	3560
3287 >E	Ladentown 345kV Voltage	Volney-Marcy	15.0	327.8	326.9	3157
3288 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	18.2	327.8	338.8	2114
3295 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	14.4	327.8	328.0	3259
3295 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	14.4	327.8	328.0	3260
3299 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	14.3	327.8	328.0	3263
3299 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	14.3	327.8	328.0	3264
3300 >E	Ramapo 345kV Voltage	SBK Marcy R3108	16.3	327.8	324.9	3051
3304 >E	Fraser 345kV Voltage	Marcy South N.	21.1	327.8	327.8	3696
3313 >E	Bowline 1 345kV Voltage	Volney-Marcy	15.0	327.8	326.8	3178

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3314 >E	Pleasant Valley 345kV Voltage	Marcy South S.	23.3	327.8	340.7	3567
3315 >E	Ladentown 345kV Voltage	SBK Marcy R3108	16.0	327.8	325.0	3060
3317 >E	Bowline 2 345kV Voltage	Volney-Marcy	14.9	327.8	326.8	3181
3319 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	24.9	327.8	334.4	2468
3337 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	19.1	327.8	338.7	2123
3339 >E	Buchanan North 345kV Voltage	SBK Edic R945	26.2	327.8	333.8	2483
3342 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	16.1	327.8	324.7	3079
3345 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	21.2	327.8	336.3	2491
3346 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	22.0	327.8	335.5	2125
3347 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	16.0	327.8	324.7	3082
3355 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	23.8	327.8	333.9	2126
3360 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	19.6	327.8	340.8	2127
3365 >E	Gilboa 345kV Voltage	Marcy South N.	22.3	327.8	341.6	3702
3366 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	19.0	327.8	339.4	2129
3366 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	28.1	327.8	332.8	2129
3367 >E	Ramapo 345kV Voltage	SBK Edic R945	22.4	327.8	335.6	2507
3369 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	28.4	327.8	332.7	2129
3375 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	19.0	327.8	339.6	2130
3401 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	20.3	327.8	336.6	2135
3410 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	23.0	207	232.0	2137
3426 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	23.4	327.8	336.7	2561
3440 >E	Watercure 230kV Voltage	Ph2 DC 1500	25.0	207	228.1	3428
3442 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	23.2	327.8	331.3	2143
3446 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	22.4	327.8	334.4	2579
3453 >E	Ladentown 345kV Voltage	SBK Edic R945	24.7	327.8	335.9	2581
3457 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	34.6	327.8	343.0	3435
3466 >E	Roseton 345kV Voltage	SBK Edic R945	23.3	327.8	333.7	2593
3472 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	23.8	327.8	337.3	2601
3473 >E	Leeds 345kV Voltage	Ph2 DC 1500	21.4	327.8	348.9	3442
3474 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	28.1	327.8	346.2	3442
3480 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	23.7	327.8	337.4	2608
3483 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	29.6	327.8	334.9	2611
3487 >E	Roseton 345kV Voltage	Marcy South S.	23.4	327.8	333.0	3611
3501 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	26.4	327.8	330.4	2627
3503 >E	Bowline 1 345kV Voltage	SBK Edic R945	25.2	327.8	336.5	2624
3511 >E	Bowline 2 345kV Voltage	SBK Edic R945	25.0	327.8	336.6	2631
3512 >E	Buchanan South 345kV Voltage	SBK Edic R945	31.2	327.8	334.2	2632
3518 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	21.6	327.8	327.8	2158
3534 >E	Leeds 345kV Voltage	Marcy South N.	26.3	327.8	347.3	3719
3541 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	34.9	327.8	334.0	2661
3542 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	31.0	327.8	347.1	3470

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3550 >E	Rainey 345kV Voltage	Ravenswood 3	30.7	327.8	341.7	3562
3563 >E	Somerset 345kV Voltage	Marcy South S.	26.9	327.8	328.0	3630
3572 >E	Millwood 345kV Voltage	SBK Edic R945	36.7	327.8	333.4	2684
3572 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	42.2	327.8	333.2	2688
3576 >E	Ramapo 345kV Voltage	Ph2 DC 1500	33.0	327.8	346.8	3484
3581 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	24.0	327.8	327.8	2696
3581 >E	Leeds 345kV Voltage	SBK Edic R945	24.0	327.8	327.8	2692
3582 >E	Farragut 345kV Voltage	Ravenswood 3	32.1	327.8	340.9	3590
3583 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	43.2	327.8	333.1	2698
3593 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	36.4	327.8	346.0	3491
3595 >E	Coopers Corners 345kV Voltage	Marcy South S.	17.2	327.8	263.4	3638
3602 >E	Somerset 345kV Voltage	SBK Edic R945	31.1	327.8	326.6	2710
3604 >E	Millwood 345kV Voltage	Ph2 DC 1500	39.5	327.8	345.1	3495
3604 >E	Sprain Brook 345kV Voltage	SBK Edic R945	44.4	327.8	332.7	2712
3616 >E	Dunwoodie 345kV Voltage	SBK Edic R945	45.3	327.8	332.6	2722
3621 >E	Coopers Corners 345kV Voltage	Marcy South N.	26.1	327.8	307.8	3728
3624 >E	Ladentown 345kV Voltage	Ph2 DC 1500	33.1	327.8	348.1	3504
3628 >E	Buchanan North 345kV Voltage	Marcy South S.	35.5	327.8	325.8	3647
3639 >E	Millwood 345kV Voltage	Marcy South S.	39.8	327.8	332.0	3650
3647 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	48.1	327.8	343.2	3513
3657 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	48.9	327.8	343.1	3517
3675 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	33.0	327.8	349.4	3524
3677 >E	Sprain Brook 345kV Voltage	Marcy South S.	48.0	327.8	331.5	3659
3678 >E	Dunwoodie 345kV Voltage	Marcy South S.	48.6	327.8	331.6	3659
3690 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	33.0	327.8	349.8	3530
3721 >E	Buchanan South 345kV Voltage	Marcy South S.	38.6	327.8	329.4	3670
3724 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	36.8	327.8	331.6	2821
3729 >E	Farragut 345kV Voltage	Pre-Fault	50.9	NA	338	3729
3731 >E	Rainey 345kV Voltage	Pre-Fault	49.4	NA	338	3731
3757 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	38.3	327.8	330.9	2843
3771 >E	Roseton 345kV Voltage	Ph2 DC 1500	36.8	327.8	349.0	3564
3784 >E	Ramapo 345kV Voltage	Marcy South S.	33.8	327.8	322.2	3686
3868 >E	Goethals 345kV Voltage	Ravenswood 3	43.5	327.8	339.7	3834
3905 >E	Ladentown 345kV Voltage	Marcy South S.	37.8	327.8	322.8	3717
3918 >E	Niagara 230kV East Voltage	Marcy South N.	76.9	218.5	231.4	3759
3918 >E	Niagara 230kV West Voltage	Marcy South N.	76.9	218.5	231.4	3759
3924 >E	Niagara 345kV Voltage	Marcy South N.	39.4	327.8	352.0	3760
3954 >E	Pleasant Valley 345kV Voltage	Marcy South N.	52.2	327.8	339.7	3763
3987 >E	Goethals 345kV Voltage	Pre-Fault	68.5	NA	338	3987
4006 >E	Bowline 1 345kV Voltage	Marcy South S.	39.2	327.8	322.3	3742
4115 >E	Bowline 2 345kV Voltage	Marcy South S.	42.6	327.8	319.4	3770

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4154 >E	Rainey 345kV Voltage	SBK Princetown 345	46.1	327.8	329.5	3686
4164 >E	Rock Tavern 345kV Voltage	Marcy South N.	47.8	327.8	313.6	3784
4165 >E	Farragut 345kV Voltage	SBK Princetown 345	47.4	327.8	329.4	3695
4171 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	47.0	327.8	329.1	4084
4179 >E	Rainey 345kV Voltage	SBK Edic R70	47.3	327.8	328.9	4249
4184 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	48.5	327.8	329.1	4096
4191 >E	Farragut 345kV Voltage	SBK Edic R70	48.7	327.8	328.9	4262
4202 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	43.7	327.8	344.7	2289
4229 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	49.2	327.8	327.9	4173
4229 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	49.2	327.8	327.9	4174
4242 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	50.6	327.8	327.9	4186
4242 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	50.6	327.8	327.9	4186
4264 >E	Rainey 345kV Voltage	Volney-Marcy	50.4	327.8	327.2	3939
4275 >E	Farragut 345kV Voltage	Volney-Marcy	51.8	327.8	327.3	3949
4292 >E	Gardenville 230kV Voltage	Marcy South N.	58.6	207	230.5	3797
4328 >E	Rainey 345kV Voltage	SBK Marcy R3108	52.7	327.8	325.9	3733
4340 >E	Farragut 345kV Voltage	SBK Marcy R3108	54.2	327.8	326.0	3741
4388 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	50.3	327.8	331.6	3398
4461 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	105.8	218.5	222.8	3461
4461 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	105.8	218.5	222.8	3461
4502 >E	Roseton 345kV Voltage	Marcy South N.	63.6	327.8	331.1	3819
4541 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	111.1	218.5	228.7	2355
4541 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	111.1	218.5	228.7	2355
4562 >E	Goethals 345kV Voltage	SBK Princetown 345	63.4	327.8	329.6	4008
4611 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	65.7	327.8	328.9	4508
4615 >E	Niagara 345kV Voltage	Marcy South S.	56.3	327.8	327.5	3897
4616 >E	Goethals 345kV Voltage	SBK Edic R70	65.9	327.8	328.8	4701
4649 >E	Niagara 345kV Voltage	SBK Edic R945	59.4	327.8	326.8	3614
4675 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	68.1	327.8	328.0	4610
4675 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	68.1	327.8	328.0	4611
4710 >E	Goethals 345kV Voltage	Volney-Marcy	69.3	327.8	327.4	4297
4756 >E	Niagara 230kV East Voltage	SBK Edic R945	126.3	218.5	220.7	3707
4756 >E	Niagara 230kV West Voltage	SBK Edic R945	126.3	218.5	220.7	3707
4795 >E	Goethals 345kV Voltage	SBK Marcy R3108	72.5	327.8	326.2	4042
5042 >E	Niagara 230kV East Voltage	Marcy South S.	141.8	218.5	218.7	4005
5042 >E	Niagara 230kV West Voltage	Marcy South S.	141.8	218.5	218.7	4005
5066 >E	Millwood 345kV Voltage	Marcy South N.	111.8	327.8	327.8	3877
5122 >E	Buchanan North 345kV Voltage	Marcy South N.	113.4	327.8	320.6	3883

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5176 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	85.8	327.8	335.8	2477
5215 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	89.0	327.8	335.7	2484
5243 >E	Sprain Brook 345kV Voltage	Marcy South N.	138.5	327.8	327.3	3895
5252 >E	Dunwoodie 345kV Voltage	Marcy South N.	140.0	327.8	327.4	3896
5377 >E	Buchanan South 345kV Voltage	Marcy South N.	115.6	327.8	323.7	3909
5935 >E	Watercure 230kV Voltage	SBK Marcy R3108	127.0	207	237.9	4799
5961 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	119.0	327.8	335.8	2628
6005 >E	Ramapo 345kV Voltage	Marcy South N.	125.7	327.8	310.9	3974
6267 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	127.9	327.8	337.1	5033
6290 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	131.3	327.8	337.1	5053
6317 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	126.8	207	217.0	5076
6399 >E	Ladentown 345kV Voltage	Marcy South N.	136.4	327.8	310.0	4014
6427 >E	Northport 138kV Voltage	Pre-Fault	393.2	NA	135	6427
6441 >E	Rainey 345kV Voltage	SBK Edic R945	134.6	327.8	336.2	5161
6447 >E	Rainey 345kV Voltage	Ph2 DC 1500	135.7	327.8	353.2	4656
6454 >E	Farragut 345kV Voltage	Ph2 DC 1500	138.7	327.8	352.7	4659
6459 >E	Farragut 345kV Voltage	SBK Edic R945	138.0	327.8	336.2	5177
6737 >E	Rainey 345kV Voltage	Marcy South S.	145.3	327.8	334.7	4435
6772 >E	Farragut 345kV Voltage	Marcy South S.	149.5	327.8	334.7	4443
6900 >E	Watercure 230kV Voltage	Ravenswood 3	161.4	207	239.7	6423
6991 >E	Northport 138kV Voltage	Ravenswood 3	324.8	131.1	133.6	6500
7189 >E	Bowline 2 345kV Voltage	Marcy South N.	154.8	327.8	302.9	4096
7208 >E	Bowline 1 345kV Voltage	Marcy South N.	157.7	327.8	302.5	4097
7337 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	173.6	327.8	337.7	5963
7353 >E	Goethals 345kV Voltage	Ph2 DC 1500	175.4	327.8	353.0	5026
7550 >E	Gardenville 230kV Voltage	SBK Edic R945	173.1	207	210.5	6119
7552 >E	Gardenville 230kV Voltage	Marcy South S.	169.0	207	210.5	4641
7561 >E	Goethals 345kV Voltage	SBK Edic R945	182.4	327.8	336.9	6128
7695 >E	Northport 138kV Voltage	SBK Princetown 345	372.1	131.1	131.8	6485
7722 >E	Northport 138kV Voltage	N.Scot-Leeds 345	374.7	131.1	131.7	7504
7748 >E	Northport 138kV Voltage	SBK Edic R70	376.7	131.1	131.6	7931
7944 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	391.9	131.1	131.1	7810
7944 >E	Northport 138kV Voltage	Princetown-N.Scot 345	391.9	131.1	131.1	7808
7984 >E	Goethals 345kV Voltage	Marcy South S.	198.4	327.8	335.4	4750
8085 >E	Northport 138kV Voltage	Volney-Marcy	402.8	131.1	130.8	6999
8304 >E	Northport 138kV Voltage	SBK Marcy R3108	419.7	131.1	130.2	6370
8379 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	203.8	207	253.2	3093
8722 >E	Watercure 230kV Voltage	Volney-Marcy	236.2	207	243.1	7508
11794 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	698.5	131.1	134.2	3751

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
12745 >E	Watercure 230kV Voltage	SBK Princetown 345	391.1	207	250.4	10476
14054 >E	Rainey 345kV Voltage	Marcy South N.	418.9	327.8	328.6	4802
14119 >E	Farragut 345kV Voltage	Marcy South N.	429.9	327.8	328.8	4809
14899 >E	Northport 138kV Voltage	Ph2 DC 1500	947.1	131.1	145.5	8108
18015 >E	Goethals 345kV Voltage	Marcy South N.	586.5	327.8	329.8	5210
19393 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1298.8	131.1	136.6	16451
20240 >E	Northport 138kV Voltage	SBK Edic R945	1365.6	131.1	136.2	17075
27951 >E	Northport 138kV Voltage	Marcy South S.	1975.8	131.1	132.9	9809
84970 >E	Northport 138kV Voltage	Marcy South N.	6439.8	131.1	128.1	12100
99998 >E	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
99998 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
>E						
99998	Niagara 230kV East Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	Niagara 230kV East Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Volney-Marcy	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Marcy R3108	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Edic R70	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Ph2 DC 1500	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	Niagara 230kV West Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 230kV West Voltage	Volney-Marcy	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	SBK Marcy R3108	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	SBK Edic R70	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	SBK Princetown 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	361-362 D1b Ckt Twr 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Ravenswood 3	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	361-362 D1b Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

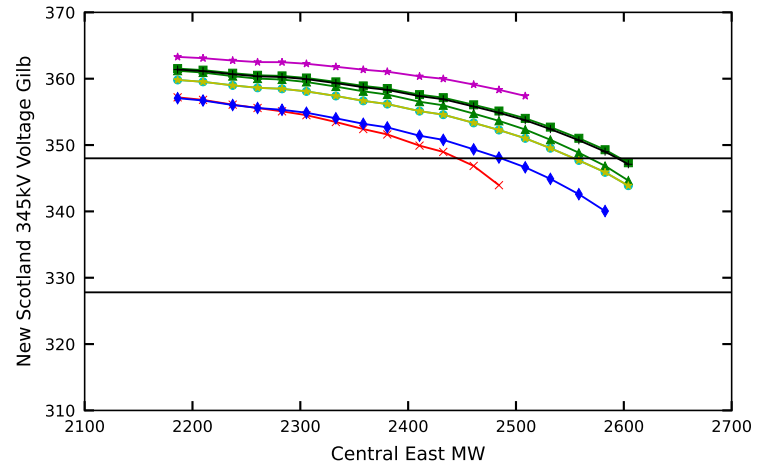
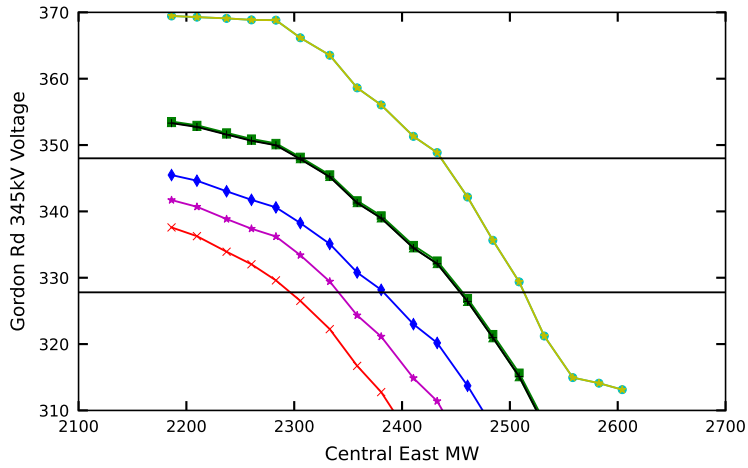
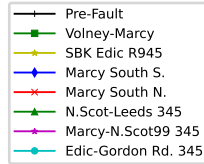
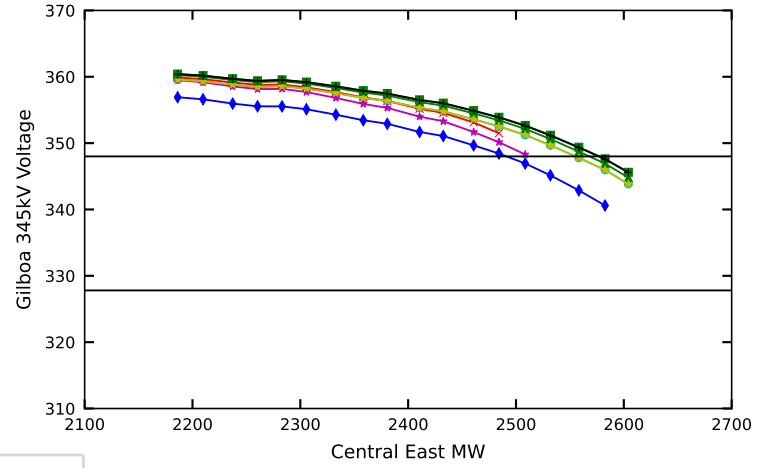
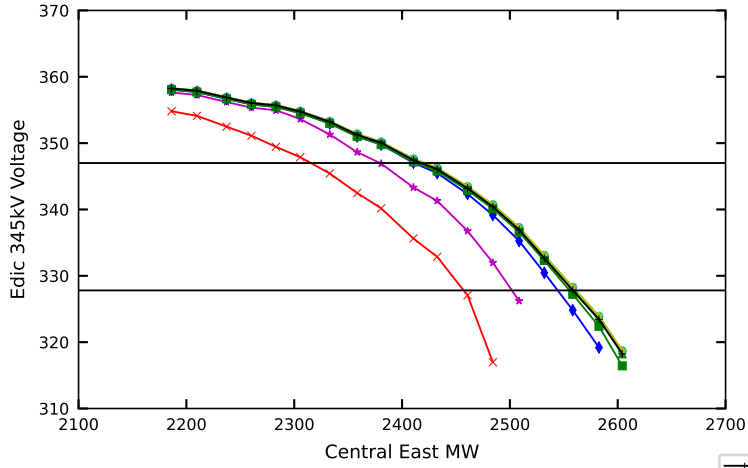
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1: 2023S CEVC PH2 CE2630 MS2270 DE1300 30 361_OS

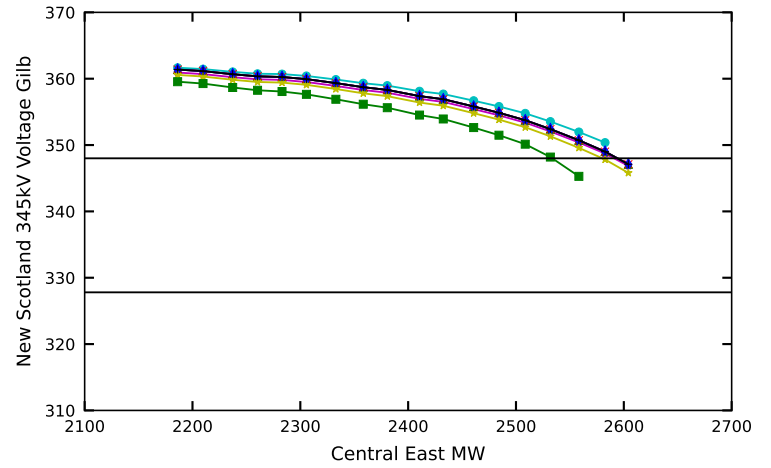
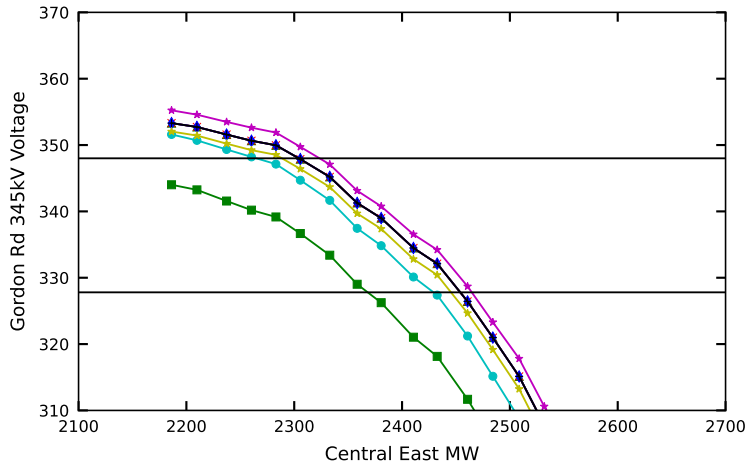
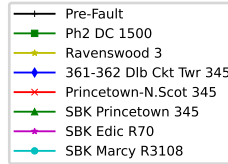
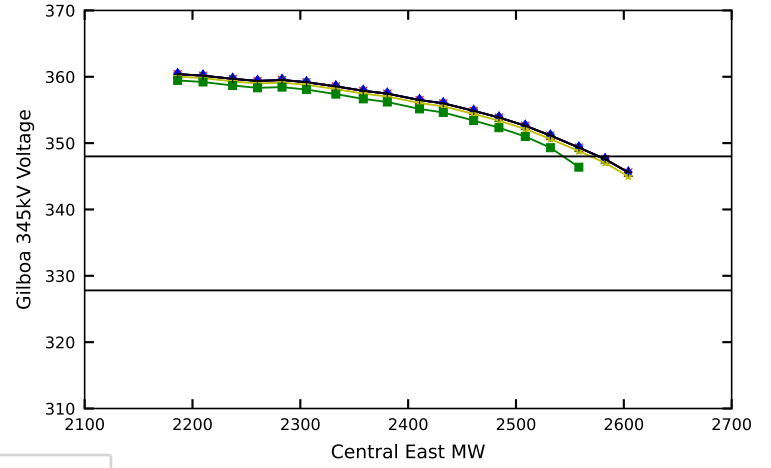
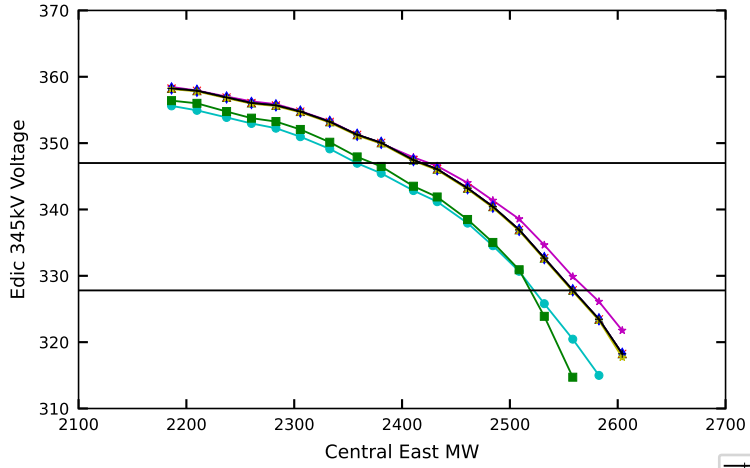
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Watercure 230kV Voltage	Edic-Gordon Rd. 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R945	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

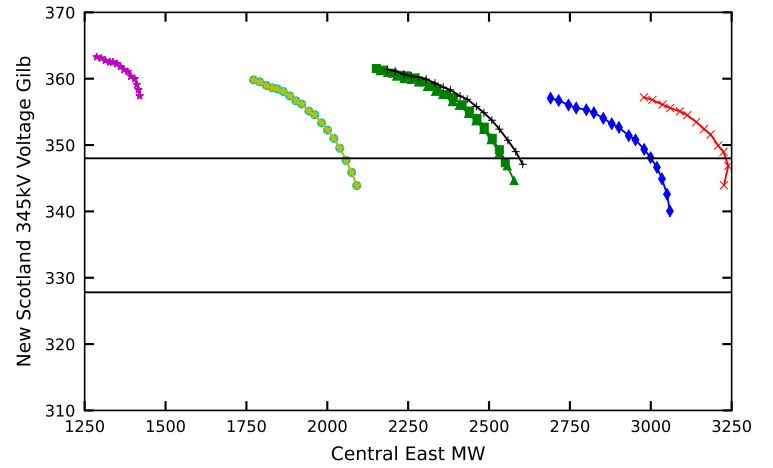
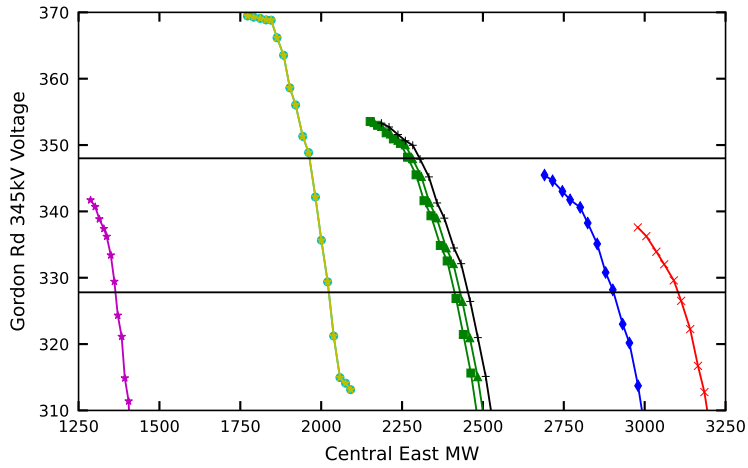
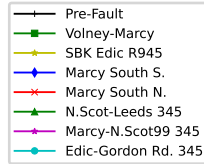
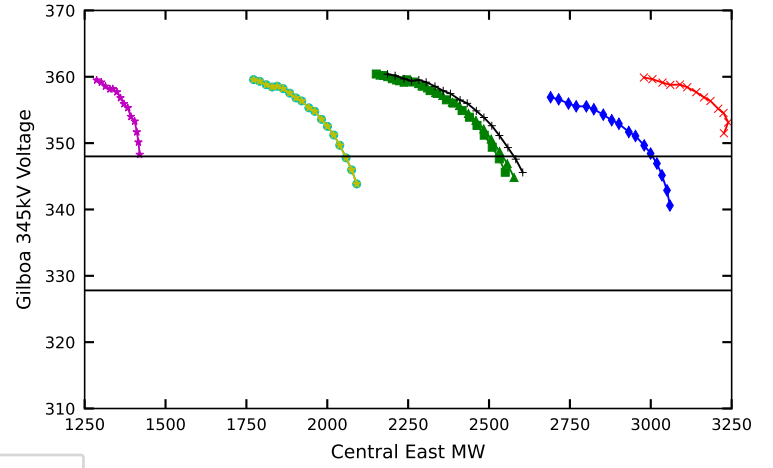
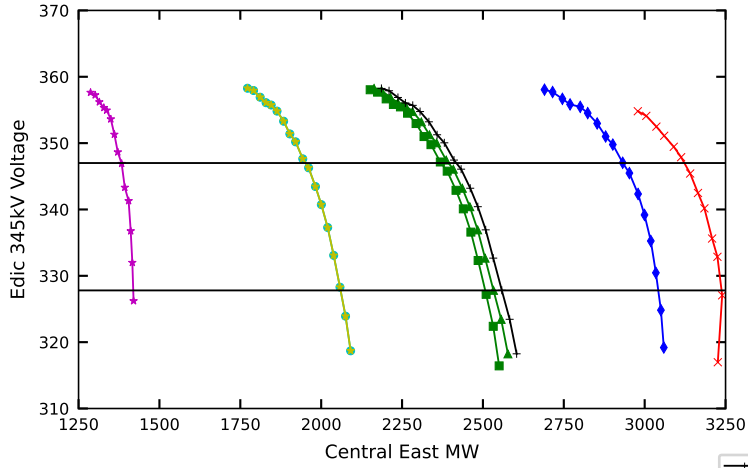
1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS Figure 1



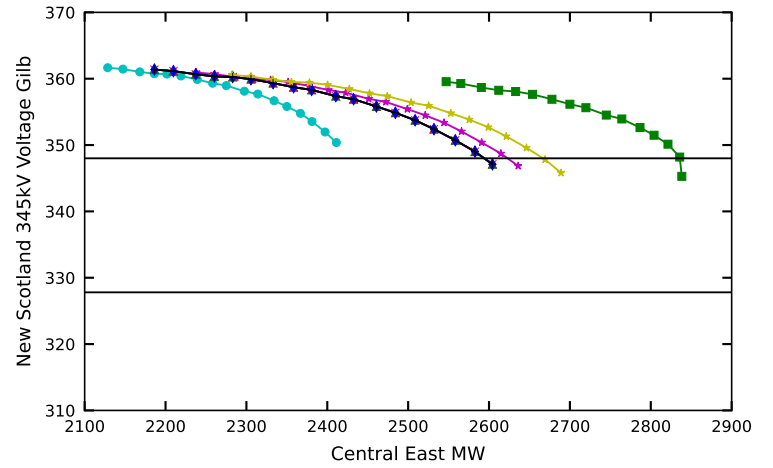
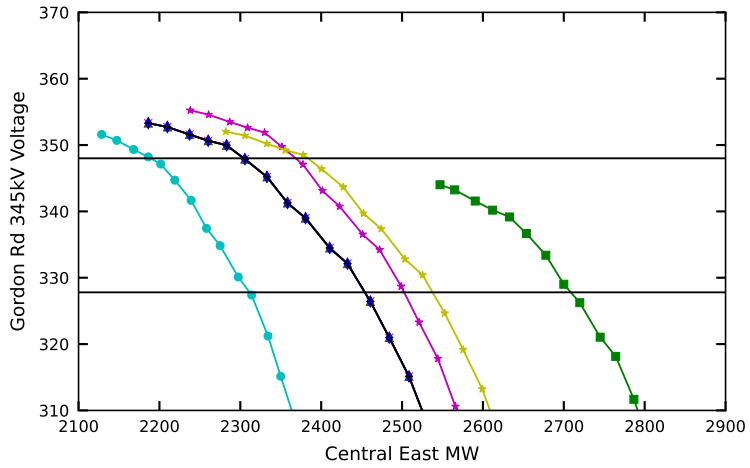
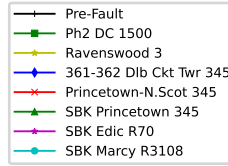
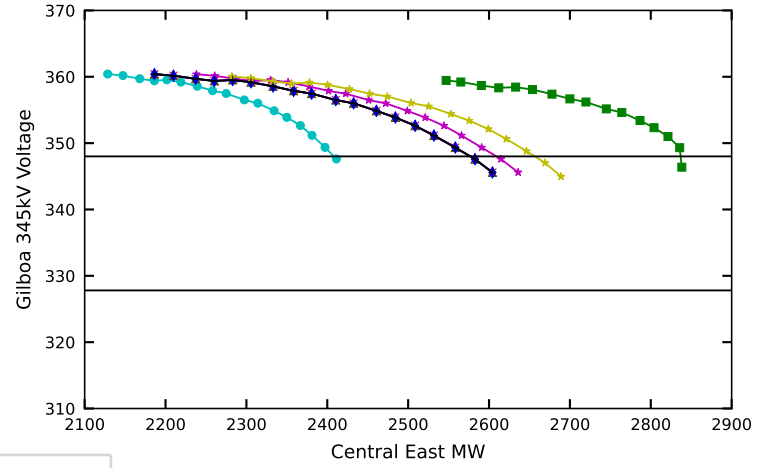
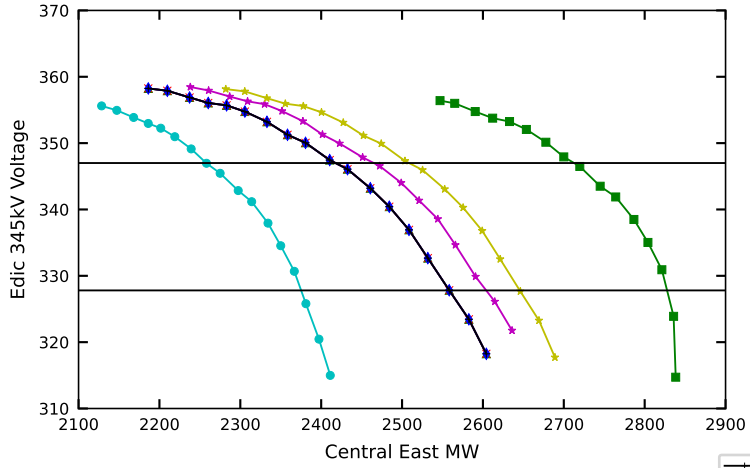
1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS Figure 2



1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS Figure 1



1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 2O 371_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2186	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2209	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2237	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2260	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2283	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2305	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2332	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2358	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2380	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2410	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2432	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2460	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2484	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2508	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2531	t1	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2558	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2582	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2
	7															
2604	t1	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2
	8															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\371_OS\Sum2023_CEVC_PH2_3O_371_OS.xlsx

1: 2023S CEVC PH2 CE2220 MS2270 DE1300 2O 371_OS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17	t18
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2065 <E	Dunwoodie 345kV Voltage	Pre-Fault	120.3	NA	348	2065
2076 <E	Sprain Brook 345kV Voltage	Pre-Fault	120.5	NA	348	2076
2296	Gordon Rd 345kV Voltage	Marcy South N.	7.3	327.8	348.7	3103
2304	Gordon Rd 345kV Voltage	Pre-Fault	10.8	NA	348	2304
2337	limit with 5% margin	Marcy South N.	NA	NA	NA	3077
2341	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.0	327.8	343.9	1364
2368	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.0	327.8	340.3	2708
2382	Gordon Rd 345kV Voltage	Marcy South S.	5.8	327.8	338.7	2903
2383	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1349
2403	Marcy 345kV Voltage	Pre-Fault	11.4	NA	348	2403
2417	Edic 345kV Voltage	Pre-Fault	16.1	NA	347	2417
2429	Gordon Rd 345kV Voltage	SBK Marcy R3108	8.1	327.8	332.5	2311
2430	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2696
2445	Gordon Rd 345kV Voltage	Ravenswood 3	4.9	327.8	329.5	2537
2453	limit with 5% margin	Marcy South S.	NA	NA	NA	2906
2453	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2290
2453	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	4.9	327.8	327.8	2429
2453	Gordon Rd 345kV Voltage	SBK Princetown 345	5.0	327.8	327.8	2453
2453	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	5.0	327.8	327.8	2453
2453	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	327.8	327.8	2453
2456	Gordon Rd 345kV Voltage	Volney-Marcy	5.0	327.8	327.4	2412
2457	Edic 345kV Voltage	Marcy South N.	4.9	327.8	343.6	3237
2457	Marcy 345kV Voltage	Marcy South N.	4.8	327.8	343.5	3237
2464	Gordon Rd 345kV Voltage	SBK Edic R70	4.3	327.8	325.5	2502
2467	Millwood 345kV Voltage	Pre-Fault	69.0	NA	348	2467
2473	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1986
2473	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2448
2473	limit with 5% margin	SBK Edic R945	NA	NA	NA	1986
2473	limit with 5% margin	Volney-Marcy	NA	NA	NA	2422
2473	limit with 5% margin	SBK Edic R70	NA	NA	NA	2504
2473	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2473
2473	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2473
2473	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2473
2473	limit with 5% margin	Ravenswood 3	NA	NA	NA	2554
2489 >E	Oakdale 345kV Voltage	Marcy South N.	5.5	320	345.9	3254
2490	Pannell Road 345kV Voltage	Pre-Fault	14.3	NA	346	2490
2492	Station 80 345kV Voltage	Pre-Fault	17.8	NA	346	2492
2494	Clay 345kV Voltage	Pre-Fault	10.2	NA	345	2494
2494 >E	Clay 345kV Voltage	Marcy South N.	6.8	327.8	345.6	3257

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2501	Edic 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	337.9	1419
2505	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	337.3	1419
2513	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	313.7	2023
2513	Gordon Rd 345kV Voltage	SBK Edic R945	2.9	327.8	313.7	2023
2518	Edic 345kV Voltage	Ph2 DC 1500	3.3	327.8	335.0	2827
2519	Marcy 345kV Voltage	Ph2 DC 1500	3.3	327.8	334.9	2828
2522	Edic 345kV Voltage	SBK Marcy R3108	4.8	327.8	334.4	2375
2524	Buchanan North 345kV Voltage	Pre-Fault	47.5	NA	346	2524
2531 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	342.8	1423
2539 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.0	327.8	342.6	1424
2544	Edic 345kV Voltage	Marcy South S.	4.7	327.8	330.4	3041
2545	Marcy 345kV Voltage	Marcy South S.	4.7	327.8	330.1	3042
2546 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.7	320	338.4	1426
2551 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	6.1	327.8	339.4	1426
2554	Oakdale 345kV Voltage	Pre-Fault	5.8	NA	335	2554
2555	Edic 345kV Voltage	Volney-Marcy	5.2	327.8	328.4	2507
2556	Marcy 345kV Voltage	Volney-Marcy	5.2	327.8	328.0	2508
2557	Edic 345kV Voltage	Ravenswood 3	5.4	327.8	328.0	2645
2558	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	327.8	2057
2558	Marcy 345kV Voltage	SBK Marcy R3108	5.4	327.8	327.8	2397
2558	Marcy 345kV Voltage	SBK Edic R945	5.4	327.8	327.8	2057
2558	Marcy 345kV Voltage	SBK Edic R70	5.4	327.8	327.8	2590
2558	Marcy 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	327.8	2532
2558	Marcy 345kV Voltage	SBK Princetown 345	5.4	327.8	327.8	2558
2558	Marcy 345kV Voltage	Princetown-N.Scot 345	5.4	327.8	327.8	2558
2558	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	5.4	327.8	327.8	2558
2558	Marcy 345kV Voltage	Ravenswood 3	5.4	327.8	327.8	2646
2558	Edic 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	327.8	2532
2558	Edic 345kV Voltage	SBK Princetown 345	5.6	327.8	327.8	2558
2558	Edic 345kV Voltage	Princetown-N.Scot 345	5.6	327.8	327.8	2558
2558	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	5.6	327.8	327.8	2558
2561	Edic 345kV Voltage	SBK Edic R945	5.6	327.8	327.3	2060
2561	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.6	327.8	327.3	2059
2561 >E	Clay 345kV Voltage	Ph2 DC 1500	3.9	327.8	336.7	2838
2563	Fraser 345kV Voltage	Pre-Fault	6.6	NA	338	2563
2563	Rock Tavern 345kV Voltage	Pre-Fault	18.2	NA	348	2563
2564 >E	Pannell Road 345kV Voltage	Marcy South N.	10.7	327.8	343.6	3293
2570	Coopers Corners 345kV Voltage	Pre-Fault	8.6	NA	338	2570
2571	Edic 345kV Voltage	SBK Edic R70	6.5	327.8	325.4	2604

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2576	Gilboa 345kV Voltage	Pre-Fault	13.9	NA	348	2576
2577	Clay 345kV Voltage	SBK Marcy R3108	5.4	327.8	334.5	2408
2582 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.5	320	330.2	2840
2593 >E	Fraser 345kV Voltage	Ph2 DC 1500	4.1	327.8	333.6	2841
2594	New Scotland 345kV Voltage Alps	Pre-Fault	11.4	NA	348	2594
2594	New Scotland 345kV Voltage Gilb	Pre-Fault	11.4	NA	348	2594
2599	St.Lawrence 230kV Voltage	Pre-Fault	14.6	NA	225	2599
2599 >E	Clay 345kV Voltage	Marcy South S.	5.9	327.8	331.6	3065
2600	Clay 345kV Voltage	Volney-Marcy	4.6	327.8	330.4	2547
2601 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	5.7	327.8	334.6	2842
2601 >E	Station 80 345kV Voltage	Marcy South N.	12.4	327.8	342.7	3313
2603 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.0	320	326.8	2423
2603 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	9.8	218.5	225.8	2842
2605 >E	Ramapo 500kV Voltage	Ph2 DC 1500	26.0	500	506.1	2843
2607 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	6.4	327.8	336.4	2843
2607 >E	Buchanan South 345kV Voltage	Pre-Fault	28.0	NA	346	2607
2608 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	5.0	327.8	329.1	2093
2608 >E	Clay 345kV Voltage	SBK Edic R945	5.0	327.8	329.1	2093
2609 >E	Coopers Corners 345kV Voltage	SBK Edic R945	6.1	327.8	332.7	2094
2609 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.1	327.8	332.7	2094
2610 >E	Pleasant Valley 345kV Voltage	Pre-Fault	25.8	NA	348	2610
2610 >E	Clay 345kV Voltage	Ravenswood 3	4.9	327.8	328.6	2694
2610 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	9.1	327.8	337.6	1436
2611 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	4.2	320	323.8	2096
2611 >E	Oakdale 345kV Voltage	SBK Edic R945	4.2	320	323.8	2096
2614 >E	Clay 345kV Voltage	N.Scot-Leeds 345	5.3	327.8	327.9	2587
2614 >E	Clay 345kV Voltage	SBK Princetown 345	5.3	327.8	327.8	2614
2614 >E	Clay 345kV Voltage	Princetown-N.Scot 345	5.3	327.8	327.8	2614
2614 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	5.3	327.8	327.8	2614
2615 >E	Oakdale 345kV Voltage	Volney-Marcy	4.2	320	323.0	2559
2617 >E	Coopers Corners 345kV Voltage	Ravenswood 3	6.0	327.8	331.6	2701
2618 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.8	327.8	328.0	2101
2618 >E	Fraser 345kV Voltage	SBK Edic R945	4.8	327.8	328.0	2101
2619 >E	Fraser 345kV Voltage	SBK Edic R70	5.0	327.8	327.8	2650
2619 >E	Fraser 345kV Voltage	Volney-Marcy	5.0	327.8	327.8	2562
2619 >E	Fraser 345kV Voltage	Ravenswood 3	5.0	327.8	327.8	2702
2619 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	327.8	2591
2619 >E	Fraser 345kV Voltage	SBK Princetown 345	5.0	327.8	327.8	2619
2619 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	5.0	327.8	327.8	2619
2619 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr	5.0	327.8	327.8	2619

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2621 >E	Oakdale 345kV Voltage	Ravenswood 3	4.2	320	321.6	2705
2627 >E	Clay 345kV Voltage	SBK Edic R70	6.3	327.8	325.3	2659
2628 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	4.5	320	320.1	2600
2628 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.5	320	320.0	2628
2628 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	4.5	320	320.0	2628
2628 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	4.5	320	320.0	2628
2630 >E	Oakdale 345kV Voltage	Marcy South S.	5.5	320	322.4	3076
2630 >E	Fraser 345kV Voltage	Marcy South S.	6.6	327.8	327.8	3076
2630 >E	Fraser 345kV Voltage	SBK Marcy R3108	6.6	327.8	327.8	2439
2632 >E	Station 80 345kV Voltage	Ph2 DC 1500	8.0	327.8	336.7	2845
2634 >E	Oakdale 345kV Voltage	SBK Edic R70	4.7	320	318.7	2666
2641 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	7.0	327.8	328.2	2613
2641 >E	Coopers Corners 345kV Voltage	SBK Edic R70	7.1	327.8	328.2	2672
2641 >E	Pannell Road 345kV Voltage	Volney-Marcy	5.8	327.8	330.0	2581
2644 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	7.1	327.8	327.8	2644
2644 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	7.1	327.8	327.8	2644
2644 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	7.1	327.8	327.8	2644
2646 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	6.2	327.8	329.1	2121
2646 >E	Pannell Road 345kV Voltage	SBK Edic R945	6.2	327.8	329.1	2121
2646 >E	Coopers Corners 345kV Voltage	Volney-Marcy	6.9	327.8	327.4	2586
2648 >E	Pannell Road 345kV Voltage	Ravenswood 3	6.1	327.8	328.8	2729
2649 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	11.1	327.8	337.2	1442
2651 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	12.3	218.5	221.9	2451
2651 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	9.7	327.8	334.2	2451
2653 >E	Ramapo 345kV Voltage	Pre-Fault	26.1	NA	346	2653
2654 >E	Ramapo 500kV Voltage	Ravenswood 3	41.0	500	505.4	2734
2654 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	327.9	2626
2655 >E	Pannell Road 345kV Voltage	SBK Princetown 345	6.4	327.8	327.8	2655
2655 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.8	2655
2655 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	327.8	2655
2660 >E	Station 80 345kV Voltage	Volney-Marcy	6.5	327.8	329.7	2597
2665 >E	Station 80 345kV Voltage	Ravenswood 3	6.7	327.8	329.0	2745
2665 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	6.9	327.8	329.0	2135
2665 >E	Station 80 345kV Voltage	SBK Edic R945	6.9	327.8	329.0	2135
2667 >E	Pannell Road 345kV Voltage	SBK Edic R70	7.2	327.8	325.8	2698
2672 >E	St.Lawrence 230kV Voltage	Volney-Marcy	12.6	218.5	220.0	2608
2673 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	7.1	327.8	327.8	2644

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2674 >E	Station 80 345kV Voltage	SBK Princetown 345	7.1	327.8	327.8	2674
2674 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	7.1	327.8	327.8	2674
2674 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	7.1	327.8	327.8	2674
2678 >E	Pannell Road 345kV Voltage	Marcy South S.	10.6	327.8	332.3	3094
2681 >E	St.Lawrence 230kV Voltage	Ravenswood 3	13.7	218.5	219.4	2760
2683 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	36.2	500	505.3	1447
2685 >E	St.Lawrence 230kV Voltage	Marcy South S.	13.8	218.5	219.8	3097
2686 >E	Station 80 345kV Voltage	SBK Edic R70	7.8	327.8	326.0	2717
2688 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	9.4	327.8	324.2	2472
2692 >E	Ladentown 345kV Voltage	Pre-Fault	26.8	NA	346	2692
2694 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	14.6	218.5	218.5	2694
2694 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	14.6	218.5	218.5	2694
2694 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	14.6	218.5	218.5	2694
2695 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	14.6	218.5	218.5	2665
2699 >E	New Scotland 345kV Voltage Alps	Marcy South S.	9.6	327.8	340.8	3102
2699 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	9.6	327.8	340.8	3102
2700 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	18.6	218.5	222.7	1450
2702 >E	St.Lawrence 230kV Voltage	SBK Edic R70	15.6	218.5	218.0	2732
2703 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	14.9	218.5	217.9	2163
2703 >E	St.Lawrence 230kV Voltage	SBK Edic R945	14.9	218.5	217.9	2163
2709 >E	Station 80 345kV Voltage	SBK Marcy R3108	13.1	327.8	334.4	2484
2715 >E	New Scotland 345kV Voltage Alps	Marcy South N.	13.4	327.8	345.9	3372
2715 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	13.4	327.8	345.9	3372
2717 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	9.1	327.8	340.6	2854
2717 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	9.1	327.8	340.6	2854
2717 >E	Somerset 345kV Voltage	Pre-Fault	10.0	NA	338	2717
2718 >E	Gilboa 345kV Voltage	Marcy South S.	10.6	327.8	337.8	3109
2721 >E	St.Lawrence 230kV Voltage	Marcy South N.	23.3	218.5	226.0	3375
2725 >E	Gilboa 345kV Voltage	Ph2 DC 1500	9.0	327.8	337.9	2854
2739 >E	Fraser 345kV Voltage	Marcy South N.	12.0	327.8	327.8	3385
2743 >E	Station 80 345kV Voltage	Marcy South S.	14.5	327.8	332.7	3118
2744 >E	Watercure 230kV Voltage	Marcy South N.	17.4	207	227.4	3387
2749 >E	Roseton 345kV Voltage	Pre-Fault	26.5	NA	345	2749
2764 >E	Bowline 1 345kV Voltage	Pre-Fault	27.1	NA	345	2764
2767 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	10.2	327.8	330.4	2209
2767 >E	Gilboa 345kV Voltage	SBK Edic R945	10.2	327.8	330.4	2209
2768 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	9.8	327.8	332.6	2736
2768 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	9.8	327.8	332.6	2736
2772 >E	Niagara 230kV East Voltage	Pre-Fault	26.0	NA	225	2772

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2772 >E	Niagara 230kV West Voltage	Pre-Fault	26.0	NA	225	2772
2775 >E	Bowline 2 345kV Voltage	Pre-Fault	26.9	NA	345	2775
2776 >E	Leeds 345kV Voltage	Pre-Fault	20.6	NA	345	2776
2777 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	10.8	327.8	331.9	2216
2777 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	10.8	327.8	331.9	2216
2777 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	10.8	327.8	331.9	2216
2777 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	10.8	327.8	331.9	2216
2777 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	13.1	327.8	338.9	1462
2780 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	10.3	327.8	329.2	2748
2780 >E	Rock Tavern 345kV Voltage	Ravenswood 3	12.5	327.8	335.1	2850
2785 >E	Gilboa 345kV Voltage	Ravenswood 3	10.5	327.8	328.8	2854
2792 >E	Sprain Brook 345kV Voltage	Ravenswood 3	24.6	327.8	336.3	2861
2793 >E	Dunwoodie 345kV Voltage	Ravenswood 3	24.9	327.8	336.3	2862
2794 >E	Gilboa 345kV Voltage	Volney-Marcy	10.7	327.8	327.9	2711
2795 >E	Gilboa 345kV Voltage	SBK Princetown 345	10.8	327.8	327.8	2795
2795 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	10.8	327.8	327.8	2795
2795 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	10.8	327.8	327.8	2795
2796 >E	Gilboa 345kV Voltage	SBK Edic R70	10.8	327.8	327.7	2826
2797 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	10.7	327.8	330.1	2865
2797 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	10.7	327.8	330.1	2865
2800 >E	Somerset 345kV Voltage	Volney-Marcy	9.4	327.8	329.7	2716
2800 >E	Somerset 345kV Voltage	Ravenswood 3	9.4	327.8	329.7	2868
2807 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	9.7	327.8	329.0	2238
2807 >E	Somerset 345kV Voltage	SBK Edic R945	9.7	327.8	329.0	2238
2807 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	44.7	500	503.0	2238
2807 >E	Ramapo 500kV Voltage	SBK Edic R945	44.7	500	503.0	2238
2812 >E	Buchanan North 345kV Voltage	Ravenswood 3	20.9	327.8	336.0	2879
2818 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	10.0	327.8	327.8	2785
2819 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	11.0	327.8	328.2	2732
2819 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	11.0	327.8	328.2	2732
2819 >E	Somerset 345kV Voltage	SBK Princetown 345	10.0	327.8	327.8	2819
2819 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	10.0	327.8	327.8	2819
2819 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	10.0	327.8	327.8	2819
2820 >E	Rock Tavern 345kV Voltage	SBK Edic R945	13.6	327.8	332.7	2248
2820 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	13.6	327.8	332.7	2248
2820 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	13.8	327.8	335.4	2864
2823 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	11.4	327.8	327.8	2823
2823 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	11.4	327.8	327.8	2823
2823 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr	11.4	327.8	327.8	2823

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2823 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	11.4	327.8	327.8	2823
2823 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	11.4	327.8	327.8	2823
2823 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr	11.4	327.8	327.8	2823
		345				
2825 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	11.6	327.8	327.7	2854
2825 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	11.6	327.8	327.7	2854
2838 >E	Somerset 345kV Voltage	SBK Edic R70	10.7	327.8	325.9	2867
2838 >E	Niagara 345kV Voltage	Pre-Fault	12.5	NA	338	2838
2842 >E	Millwood 345kV Voltage	Ravenswood 3	22.3	327.8	336.3	2906
2858 >E	Gilboa 345kV Voltage	SBK Marcy R3108	13.9	327.8	327.7	2570
2865 >E	Somerset 345kV Voltage	Ph2 DC 1500	15.3	327.8	340.6	2868
2870 >E	Ramapo 500kV Voltage	SBK Marcy R3108	44.7	500	500.1	2577
2871 >E	Buchanan South 345kV Voltage	Ravenswood 3	21.4	327.8	336.6	2933
2875 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	19.7	327.8	338.4	1477
2894 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	16.4	327.8	328.3	2858
2901 >E	Rock Tavern 345kV Voltage	SBK Edic R70	16.8	327.8	327.8	2930
2902 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	16.7	327.8	327.8	2902
2902 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	16.7	327.8	327.8	2902
2902 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr	16.7	327.8	327.8	2902
		345				
2905 >E	Rock Tavern 345kV Voltage	Volney-Marcy	16.6	327.8	327.6	2804
2906 >E	Ramapo 345kV Voltage	Ravenswood 3	19.6	327.8	336.3	2965
2907 >E	Niagara 230kV East Voltage	Ravenswood 3	24.0	218.5	219.8	2966
2907 >E	Niagara 230kV West Voltage	Ravenswood 3	24.0	218.5	219.8	2966
2919 >E	Niagara 230kV East Voltage	Volney-Marcy	24.5	218.5	219.3	2816
2919 >E	Niagara 230kV West Voltage	Volney-Marcy	24.5	218.5	219.3	2816
2919 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	24.7	218.5	219.3	2319
2919 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	24.7	218.5	219.3	2319
2919 >E	Niagara 230kV East Voltage	SBK Edic R945	24.7	218.5	219.3	2319
2919 >E	Niagara 230kV West Voltage	SBK Edic R945	24.7	218.5	219.3	2319
2924 >E	Somerset 345kV Voltage	Marcy South N.	22.0	327.8	345.1	3481
2926 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	15.2	327.8	324.8	2609
2926 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	15.2	327.8	324.8	2609
2934 >E	Ladentown 345kV Voltage	Ravenswood 3	20.1	327.8	337.0	2990
2939 >E	Niagara 345kV Voltage	Ravenswood 3	11.8	327.8	329.9	2996
2940 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	25.9	218.5	218.5	2903
2940 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	25.9	218.5	218.5	2903
2941 >E	Niagara 230kV East Voltage	SBK Princetown 345	26.0	218.5	218.5	2941
2941 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	26.0	218.5	218.5	2941
2941 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr	26.0	218.5	218.5	2941

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2941 >E	Niagara 230kV West Voltage	SBK Princetown 345	26.0	218.5	218.5	2941
2941 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	26.0	218.5	218.5	2941
2941 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	26.0	218.5	218.5	2941
2945 >E	Niagara 345kV Voltage	Volney-Marcy	11.9	327.8	329.4	2839
2950 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	12.1	327.8	329.0	2342
2950 >E	Niagara 345kV Voltage	SBK Edic R945	12.1	327.8	329.0	2342
2955 >E	Buchanan North 345kV Voltage	SBK Edic R945	23.8	327.8	330.9	2345
2955 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	23.8	327.8	330.9	2345
2958 >E	Niagara 230kV East Voltage	SBK Edic R70	27.2	218.5	217.8	2986
2958 >E	Niagara 230kV West Voltage	SBK Edic R70	27.2	218.5	217.8	2986
2961 >E	Ramapo 500kV Voltage	Volney-Marcy	59.1	500	500.6	2852
2961 >E	Gilboa 345kV Voltage	Marcy South N.	19.8	327.8	334.7	3500
2965 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	12.5	327.8	327.8	2927
2965 >E	Niagara 345kV Voltage	SBK Princetown 345	12.5	327.8	327.8	2965
2965 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	12.5	327.8	327.8	2965
2965 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	12.5	327.8	327.8	2965
2968 >E	Bowline 1 345kV Voltage	Ravenswood 3	20.2	327.8	337.5	3022
2972 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	61.5	500	500.4	2934
2974 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	25.3	327.8	326.3	2637
2976 >E	Bowline 2 345kV Voltage	Ravenswood 3	20.1	327.8	337.6	3029
2979 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	25.5	327.8	326.3	2639
2980 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	26.5	327.8	335.7	2880
2982 >E	Leeds 345kV Voltage	Marcy South S.	17.4	327.8	338.3	3206
2983 >E	Niagara 345kV Voltage	SBK Edic R70	13.0	327.8	326.4	3010
2983 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	19.8	327.8	324.9	2642
2987 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	21.7	327.8	339.2	1495
2990 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	22.4	327.8	333.3	3042
2998 >E	Ramapo 500kV Voltage	Pre-Fault	63.9	NA	500	2998
2998 >E	Ramapo 500kV Voltage	SBK Princetown 345	63.9	500	500.0	2998
2998 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	63.9	500	500.0	2998
2998 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	63.9	500	500.0	2998
3009 >E	Ramapo 500kV Voltage	SBK Edic R70	65.9	500	499.8	3036
3010 >E	Sprain Brook 345kV Voltage	SBK Edic R945	29.1	327.8	329.5	2386
3011 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	29.1	327.8	329.5	2386
3016 >E	Dunwoodie 345kV Voltage	SBK Edic R945	29.6	327.8	329.5	2389
3016 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	29.6	327.8	329.5	2390
3017 >E	Ramapo 345kV Voltage	SBK Edic R945	21.9	327.8	332.1	2390

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3017 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	21.9	327.8	332.1	2391
3023 >E	Ramapo 500kV Voltage	Marcy South S.	62.5	500	496.7	3221
3024 >E	Ramapo 500kV Voltage	Marcy South N.	69.8	500	499.9	3533
3025 >E	Millwood 345kV Voltage	SBK Edic R945	25.8	327.8	330.0	2396
3025 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	25.8	327.8	330.0	2396
3027 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	27.2	327.8	328.3	2987
3027 >E	Roseton 345kV Voltage	Ravenswood 3	21.4	327.8	334.5	3076
3038 >E	Buchanan South 345kV Voltage	SBK Edic R945	24.6	327.8	330.7	2405
3038 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	24.6	327.8	330.7	2405
3040 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	26.8	327.8	326.1	2675
3041 >E	Buchanan North 345kV Voltage	SBK Princetown 345	27.8	327.8	327.8	3041
3041 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	27.8	327.8	327.8	3041
3041 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	27.8	327.8	327.8	3041
3042 >E	Ramapo 345kV Voltage	Ph2 DC 1500	24.0	327.8	337.5	2886
3042 >E	Niagara 230kV East Voltage	SBK Marcy R3108	34.0	218.5	220.3	2676
3042 >E	Niagara 230kV West Voltage	SBK Marcy R3108	34.0	218.5	220.3	2676
3043 >E	Buchanan North 345kV Voltage	SBK Edic R70	28.1	327.8	327.7	3069
3044 >E	Buchanan North 345kV Voltage	Volney-Marcy	27.7	327.8	327.7	2923
3047 >E	Niagara 230kV East Voltage	Marcy South S.	34.5	218.5	220.2	3230
3047 >E	Niagara 230kV West Voltage	Marcy South S.	34.5	218.5	220.2	3230
3050 >E	Dunwoodie 345kV Voltage	Marcy South S.	29.2	327.8	323.2	3231
3050 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	31.5	327.8	328.3	3010
3055 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	32.0	327.8	328.3	3014
3056 >E	Millwood 345kV Voltage	SBK Marcy R3108	26.1	327.8	326.0	2684
3060 >E	Sprain Brook 345kV Voltage	Marcy South S.	29.6	327.8	322.9	3235
3062 >E	Pleasant Valley 345kV Voltage	Marcy South S.	25.6	327.8	331.4	3235
3067 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	32.3	327.8	327.8	3067
3067 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	32.3	327.8	327.8	3067
3067 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	32.3	327.8	327.8	3067
3067 >E	Ladentown 345kV Voltage	SBK Edic R945	22.7	327.8	332.0	2427
3067 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	22.7	327.8	332.0	2427
3067 >E	Sprain Brook 345kV Voltage	SBK Edic R70	32.6	327.8	327.8	3093
3069 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	28.0	327.8	328.5	3028
3072 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	32.9	327.8	327.8	3072
3072 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	32.9	327.8	327.8	3072
3072 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	32.9	327.8	327.8	3072
3072 >E	Dunwoodie 345kV Voltage	SBK Edic R70	33.1	327.8	327.8	3098
3076 >E	Sprain Brook 345kV Voltage	Volney-Marcy	32.5	327.8	327.5	2949

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3081 >E	Dunwoodie 345kV Voltage	Volney-Marcy	33.0	327.8	327.5	2954
3081 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	27.4	327.8	336.1	2890
3085 >E	Millwood 345kV Voltage	Ph2 DC 1500	29.2	327.8	335.1	2890
3086 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	24.5	327.8	336.0	2890
3087 >E	Watercure 230kV Voltage	Ph2 DC 1500	24.5	207	234.1	2890
3087 >E	Millwood 345kV Voltage	SBK Princetown 345	28.8	327.8	327.8	3087
3087 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	28.8	327.8	327.8	3087
3087 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	28.8	327.8	327.8	3087
3088 >E	Millwood 345kV Voltage	SBK Edic R70	29.0	327.8	327.8	3114
3093 >E	Ladentown 345kV Voltage	Ph2 DC 1500	24.7	327.8	338.0	2891
3095 >E	Millwood 345kV Voltage	Volney-Marcy	28.9	327.8	327.5	2966
3099 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	27.3	327.8	328.5	3058
3099 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	24.5	327.8	329.1	2450
3099 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	24.5	327.8	329.1	2450
3100 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	24.7	327.8	329.0	3059
3103 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	34.6	327.8	333.9	2892
3104 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	26.5	327.8	325.8	2712
3106 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	34.8	327.8	333.8	2892
3107 >E	Bowline 1 345kV Voltage	SBK Edic R945	22.8	327.8	332.3	2456
3107 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	22.8	327.8	332.3	2456
3114 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	25.6	327.8	328.4	3072
3115 >E	Bowline 2 345kV Voltage	SBK Edic R945	22.7	327.8	332.4	2462
3115 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	22.7	327.8	332.4	2462
3118 >E	Buchanan South 345kV Voltage	SBK Princetown 345	28.0	327.8	327.8	3118
3118 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	28.0	327.8	327.8	3118
3118 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	28.0	327.8	327.8	3118
3119 >E	Buchanan South 345kV Voltage	SBK Edic R70	28.3	327.8	327.7	3145
3120 >E	Roseton 345kV Voltage	SBK Edic R945	23.4	327.8	331.0	2465
3120 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	23.4	327.8	331.0	2465
3124 >E	Buchanan South 345kV Voltage	Volney-Marcy	28.0	327.8	327.6	2990
3129 >E	Ramapo 345kV Voltage	SBK Princetown 345	26.1	327.8	327.8	3129
3129 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	26.1	327.8	327.8	3129
3129 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	26.1	327.8	327.8	3129
3129 >E	Leeds 345kV Voltage	Ph2 DC 1500	21.0	327.8	335.5	2894
3130 >E	Ramapo 345kV Voltage	Volney-Marcy	26.0	327.8	327.7	2996
3131 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	20.6	327.8	327.8	3088
3131 >E	Leeds 345kV Voltage	Volney-Marcy	20.6	327.8	327.8	2996
3131 >E	Leeds 345kV Voltage	SBK Edic R70	20.6	327.8	327.8	3156

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3131 >E	Leeds 345kV Voltage	Ravenswood 3	20.6	327.8	327.8	3170
3131 >E	Leeds 345kV Voltage	SBK Edic R945	20.6	327.8	327.8	2473
3131 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	20.6	327.8	327.8	2473
3131 >E	Leeds 345kV Voltage	SBK Princetown 345	20.6	327.8	327.8	3131
3131 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	20.6	327.8	327.8	3131
3131 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	20.6	327.8	327.8	3131
3131 >E	Ramapo 345kV Voltage	SBK Edic R70	26.4	327.8	327.7	3156
3131 >E	Roseton 345kV Voltage	Ph2 DC 1500	24.2	327.8	336.3	2894
3132 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	25.8	327.8	327.8	3132
3132 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	25.8	327.8	327.8	3132
3132 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	25.8	327.8	327.8	3132
3132 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	24.7	327.8	338.7	2895
3134 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	26.0	327.8	327.7	3159
3138 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	25.9	327.8	327.6	3002
3139 >E	Coopers Corners 345kV Voltage	Marcy South N.	22.2	327.8	300.5	3594
3142 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	24.6	327.8	338.8	2896
3155 >E	Dunwoodie 345kV Voltage	Marcy South N.	38.3	327.8	325.5	3602
3163 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	26.2	327.8	328.4	3120
3168 >E	Sprain Brook 345kV Voltage	Marcy South N.	38.8	327.8	325.4	3609
3170 >E	Millwood 345kV Voltage	Marcy South S.	31.4	327.8	321.3	3275
3179 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	33.7	207	235.5	1525
3181 >E	Ladentown 345kV Voltage	SBK Princetown 345	26.8	327.8	327.8	3181
3181 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	26.8	327.8	327.8	3181
3181 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	26.8	327.8	327.8	3181
3183 >E	Ladentown 345kV Voltage	SBK Edic R70	27.1	327.8	327.7	3208
3183 >E	Ladentown 345kV Voltage	Volney-Marcy	26.7	327.8	327.7	3041
3187 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	25.9	327.8	328.5	3143
3191 >E	Ramapo 345kV Voltage	SBK Marcy R3108	28.3	327.8	325.5	2762
3194 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	40.1	327.8	334.3	1527
3205 >E	Roseton 345kV Voltage	SBK Princetown 345	26.5	327.8	327.8	3205
3205 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	26.5	327.8	327.8	3205
3205 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	26.5	327.8	327.8	3205
3207 >E	Roseton 345kV Voltage	SBK Edic R70	26.7	327.8	327.7	3232
3210 >E	Roseton 345kV Voltage	Volney-Marcy	26.5	327.8	327.6	3063
3211 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	26.5	327.8	328.5	3166
3214 >E	Ladentown 345kV Voltage	SBK Marcy R3108	27.6	327.8	325.5	2775
3215 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	28.9	327.8	325.7	2776

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3220 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	26.3	327.8	328.5	3174
3230 >E	Bowline 1 345kV Voltage	SBK Princetown 345	27.1	327.8	327.8	3230
3230 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	27.1	327.8	327.8	3230
3230 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	27.1	327.8	327.8	3230
3232 >E	Bowline 1 345kV Voltage	Volney-Marcy	27.0	327.8	327.7	3082
3233 >E	Bowline 1 345kV Voltage	SBK Edic R70	27.3	327.8	327.7	3257
3239 >E	Bowline 2 345kV Voltage	SBK Princetown 345	26.9	327.8	327.8	3239
3239 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	26.9	327.8	327.8	3239
3239 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	26.9	327.8	327.8	3239
3241 >E	Bowline 2 345kV Voltage	Volney-Marcy	26.8	327.8	327.7	3089
3241 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	35.0	327.8	336.9	1535
3241 >E	Bowline 2 345kV Voltage	SBK Edic R70	27.2	327.8	327.7	3265
3244 >E	Leeds 345kV Voltage	SBK Marcy R3108	24.9	327.8	327.8	2792
3256 >E	Gardenville 230kV Voltage	Pre-Fault	39.2	NA	217	3256
3258 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	27.6	327.8	325.3	2801
3270 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	27.5	327.8	325.3	2807
3282 >E	Niagara 230kV East Voltage	Marcy South N.	58.0	218.5	227.3	3668
3282 >E	Niagara 230kV West Voltage	Marcy South N.	58.0	218.5	227.3	3668
3282 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	26.2	327.8	318.0	1541
3282 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	26.2	327.8	318.0	1541
3283 >E	Leeds 345kV Voltage	Marcy South N.	28.4	327.8	339.1	3669
3298 >E	Roseton 345kV Voltage	SBK Marcy R3108	29.7	327.8	325.4	2824
3337 >E	Buchanan South 345kV Voltage	Marcy South S.	35.6	327.8	316.4	3337
3346 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	36.9	327.8	336.6	1551
3354 >E	Millwood 345kV Voltage	Marcy South N.	42.7	327.8	325.0	3706
3357 >E	Pleasant Valley 345kV Voltage	Marcy South N.	38.5	327.8	331.8	3707
3367 >E	Buchanan North 345kV Voltage	Marcy South S.	39.2	327.8	313.1	3348
3381 >E	Niagara 230kV East Voltage	Ph2 DC 1500	61.5	218.5	227.4	2919
3381 >E	Niagara 230kV West Voltage	Ph2 DC 1500	61.5	218.5	227.4	2919
3396 >E	Niagara 345kV Voltage	Ph2 DC 1500	30.0	327.8	344.3	2921
3401 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	36.7	327.8	337.2	1560
3405 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	43.7	327.8	333.4	1560
3418 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	36.7	327.8	337.3	1562
3449 >E	Roseton 345kV Voltage	Marcy South S.	34.8	327.8	320.0	3378
3457 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	48.5	327.8	331.5	1568
3485 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	57.5	327.8	330.7	1573
3492 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	39.3	327.8	333.9	1574
3496 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	58.3	327.8	330.5	1574
3513 >E	Buchanan North 345kV Voltage	Marcy South N.	50.7	327.8	321.7	3789

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3514 >E	Gardenville 230kV Voltage	Ravenswood 3	34.4	207	210.4	3522
3535 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	35.7	207	209.9	2767
3536 >E	Gardenville 230kV Voltage	SBK Edic R945	35.7	207	209.9	2767
3538 >E	Gardenville 230kV Voltage	Volney-Marcy	35.4	207	209.8	3341
3552 >E	Buchanan South 345kV Voltage	Marcy South N.	47.8	327.8	323.1	3809
3567 >E	Niagara 345kV Voltage	Marcy South N.	39.5	327.8	347.7	3817
3645 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	39.1	207	207.1	3587
3648 >E	Gardenville 230kV Voltage	SBK Princetown 345	39.2	207	207.0	3648
3648 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	39.2	207	207.0	3648
3648 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	39.2	207	207.0	3648
3648 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	39.0	327.8	327.8	1598
3653 >E	Rock Tavern 345kV Voltage	Marcy South N.	42.3	327.8	310.8	3862
3721 >E	Gardenville 230kV Voltage	Marcy South N.	51.5	207	226.3	3897
3726 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	49.3	327.8	327.4	1610
3732 >E	Rock Tavern 345kV Voltage	Marcy South S.	40.1	327.8	283.7	3482
3733 >E	Gardenville 230kV Voltage	SBK Edic R70	42.2	207	204.8	3750
3765 >E	Roseton 345kV Voltage	Marcy South N.	47.7	327.8	324.9	3920
3766 >E	Rainey 345kV Voltage	Ravenswood 3	59.9	327.8	342.6	3752
3815 >E	Watercure 230kV Voltage	SBK Marcy R3108	53.6	207	227.4	3121
3823 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	46.0	327.8	341.4	1626
3829 >E	Farragut 345kV Voltage	Ravenswood 3	62.7	327.8	341.9	3809
3883 >E	Ramapo 345kV Voltage	Marcy South S.	51.0	327.8	299.1	3538
3884 >E	Ladentown 345kV Voltage	Marcy South S.	49.8	327.8	299.3	3538
3942 >E	Gardenville 230kV Voltage	Ph2 DC 1500	53.7	207	224.6	2974
3952 >E	Coopers Corners 345kV Voltage	Marcy South S.	36.4	327.8	176.8	3563
4045 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	105.7	218.5	226.2	1661
4045 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	105.7	218.5	226.2	1661
4113 >E	Ramapo 345kV Voltage	Marcy South N.	64.4	327.8	315.7	4102
4118 >E	Bowline 1 345kV Voltage	Marcy South S.	55.3	327.8	291.8	3624
4130 >E	Bowline 2 345kV Voltage	Marcy South S.	55.0	327.8	291.7	3629
4186 >E	Ladentown 345kV Voltage	Marcy South N.	64.8	327.8	316.3	4140
4217 >E	Watercure 230kV Voltage	Volney-Marcy	66.9	207	220.0	3917
4252 >E	Farragut 345kV Voltage	Pre-Fault	109.0	NA	338	4252
4258 >E	Rainey 345kV Voltage	Pre-Fault	105.9	NA	338	4258
4349 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	73.5	207	219.0	3357
4350 >E	Watercure 230kV Voltage	SBK Edic R945	73.5	207	219.0	3358
4355 >E	Watercure 230kV Voltage	Ravenswood 3	71.9	207	218.9	4291
4375 >E	Goethals 345kV Voltage	Ravenswood 3	84.3	327.8	341.0	4309
4391 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	74.1	207	223.1	1715
4504 >E	Bowline 1 345kV Voltage	Marcy South N.	72.5	327.8	312.0	4306

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4517 >E	Bowline 2 345kV Voltage	Marcy South N.	71.9	327.8	315.4	4313
4821 >E	Goethals 345kV Voltage	Pre-Fault	148.0	NA	338	4821
4872 >E	Watercure 230kV Voltage	Pre-Fault	131.8	NA	215	4872
4914 >E	Rainey 345kV Voltage	SBK Marcy R3108	88.9	327.8	325.9	3755
4958 >E	Watercure 230kV Voltage	Marcy South S.	94.9	207	222.9	3934
4985 >E	Farragut 345kV Voltage	SBK Marcy R3108	93.5	327.8	325.9	3796
5053 >E	Rainey 345kV Voltage	SBK Edic R945	95.2	327.8	330.5	3868
5053 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	95.3	327.8	330.5	3869
5077 >E	Farragut 345kV Voltage	SBK Edic R945	98.1	327.8	330.4	3886
5078 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	98.1	327.8	330.4	3886
5262 >E	Rainey 345kV Voltage	Ph2 DC 1500	103.2	327.8	337.7	3105
5264 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	103.2	327.8	328.5	5158
5283 >E	Farragut 345kV Voltage	Ph2 DC 1500	106.2	327.8	337.5	3107
5291 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	106.3	327.8	328.5	5183
5338 >E	Rainey 345kV Voltage	SBK Princetown 345	105.9	327.8	327.8	5338
5338 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	105.9	327.8	327.8	5338
5338 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	105.9	327.8	327.8	5338
5347 >E	Rainey 345kV Voltage	Marcy South S.	104.7	327.8	320.7	4077
5357 >E	Rainey 345kV Voltage	Volney-Marcy	106.3	327.8	327.6	4882
5360 >E	Rainey 345kV Voltage	SBK Edic R70	106.8	327.8	327.6	5357
5363 >E	Farragut 345kV Voltage	SBK Princetown 345	109.0	327.8	327.8	5363
5363 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	109.0	327.8	327.8	5363
5363 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	109.0	327.8	327.8	5363
5382 >E	Farragut 345kV Voltage	Volney-Marcy	109.4	327.8	327.6	4903
5386 >E	Farragut 345kV Voltage	SBK Edic R70	110.0	327.8	327.6	5384
5438 >E	Farragut 345kV Voltage	Marcy South S.	110.3	327.8	320.7	4111
5789 >E	Goethals 345kV Voltage	SBK Marcy R3108	125.9	327.8	325.9	4259
5899 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	130.9	207	207.2	5774
5927 >E	Watercure 230kV Voltage	SBK Princetown 345	131.8	207	207.0	5927
5927 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	131.8	207	207.0	5927
5927 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	131.8	207	207.0	5927
5956 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	133.5	327.8	330.3	4524
5956 >E	Goethals 345kV Voltage	SBK Edic R945	133.5	327.8	330.3	4523
6132 >E	Goethals 345kV Voltage	Ph2 DC 1500	140.5	327.8	337.7	3191
6141 >E	Somerset 345kV Voltage	SBK Marcy R3108	160.4	327.8	378.0	4462
6243 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	144.7	327.8	328.4	6108
6330 >E	Goethals 345kV Voltage	SBK Princetown 345	148.0	327.8	327.8	6330
6330 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	148.0	327.8	327.8	6330

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6330 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	148.0	327.8	327.8	6330
6348 >E	Goethals 345kV Voltage	Volney-Marcy	148.4	327.8	327.7	5722
6370 >E	Goethals 345kV Voltage	SBK Edic R70	149.6	327.8	327.5	6355
6385 >E	Goethals 345kV Voltage	Marcy South S.	148.4	327.8	320.9	4459
6480 >E	Rainey 345kV Voltage	Marcy South N.	148.6	327.8	324.5	5338
6608 >E	Farragut 345kV Voltage	Marcy South N.	156.5	327.8	324.5	5404
7374 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	182.6	327.8	332.6	2182
7435 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	188.6	327.8	332.6	2192
7983 >E	Goethals 345kV Voltage	Marcy South N.	211.8	327.8	324.5	6122
9049 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	253.7	327.8	332.7	2445
9439 >E	Somerset 345kV Voltage	Marcy South S.	304.1	327.8	402.6	5584
9892 >E	Northport 138kV Voltage	Pre-Fault	826.6	NA	135	9892
10434 >E	Northport 138kV Voltage	Ravenswood 3	630.4	131.1	134.3	9852
12158 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	751.6	131.1	132.3	9026
12158 >E	Northport 138kV Voltage	SBK Edic R945	751.6	131.1	132.3	9024
12848 >E	Northport 138kV Voltage	N.Scot-Leeds 345	805.9	131.1	131.4	12515
13039 >E	Watercure 230kV Voltage	SBK Edic R70	408.2	207	153.0	12942
13116 >E	Northport 138kV Voltage	SBK Princetown 345	826.6	131.1	131.1	13116
13116 >E	Northport 138kV Voltage	Princetown-N.Scot 345	826.6	131.1	131.1	13116
13116 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	826.6	131.1	131.1	13116
13156 >E	Northport 138kV Voltage	SBK Edic R70	830.0	131.1	131.1	13057
13197 >E	Northport 138kV Voltage	Volney-Marcy	832.5	131.1	131.0	11525
13383 >E	Northport 138kV Voltage	Ph2 DC 1500	854.4	131.1	136.0	3906
21431 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1484.9	131.1	132.8	4386
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

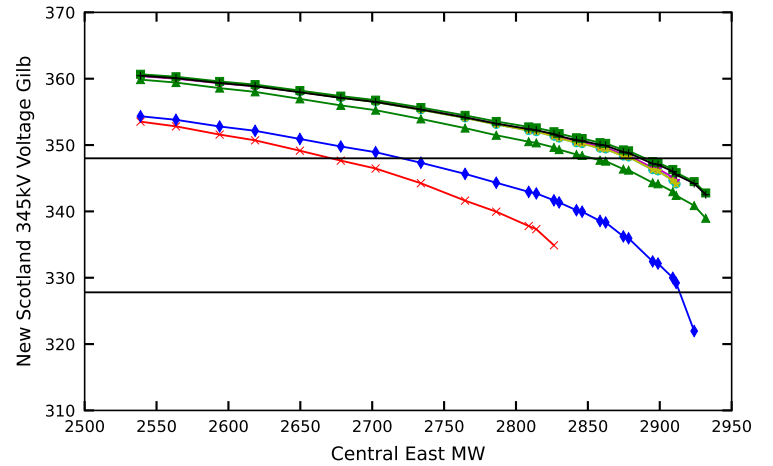
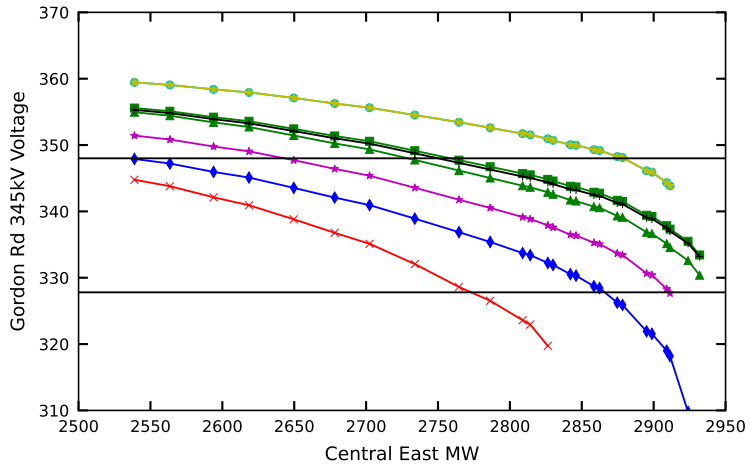
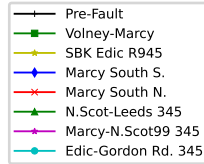
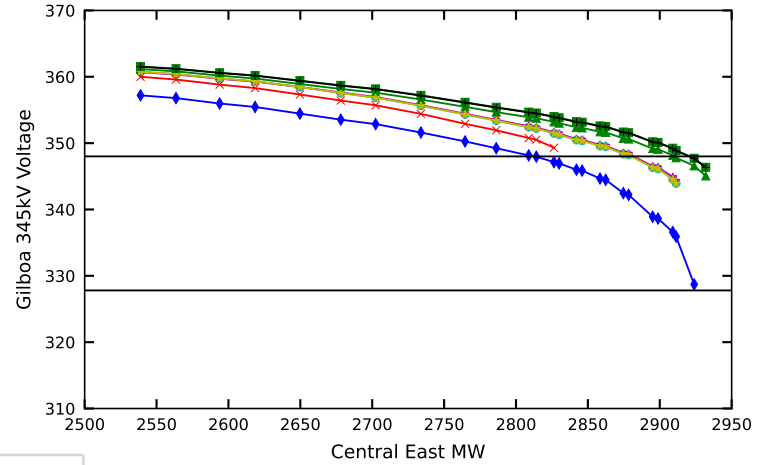
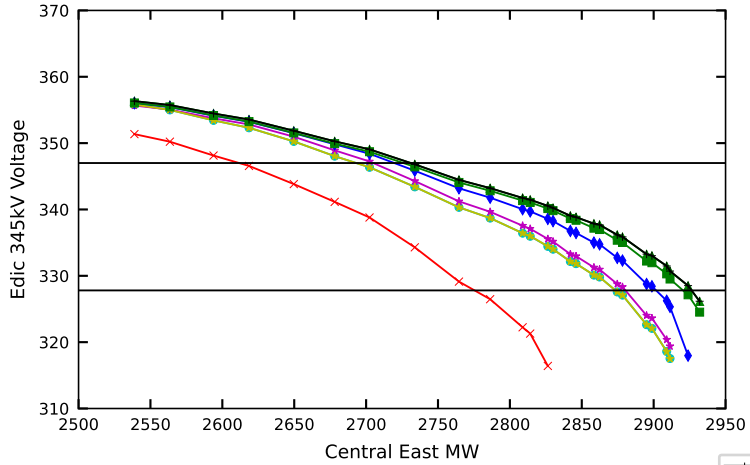
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1: 2023S CEVC PH2 CE2220 MS2270 DE1300 20 371_OS

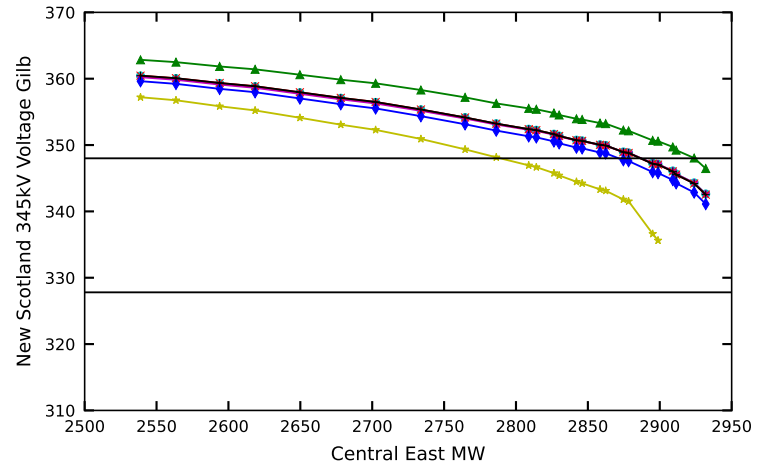
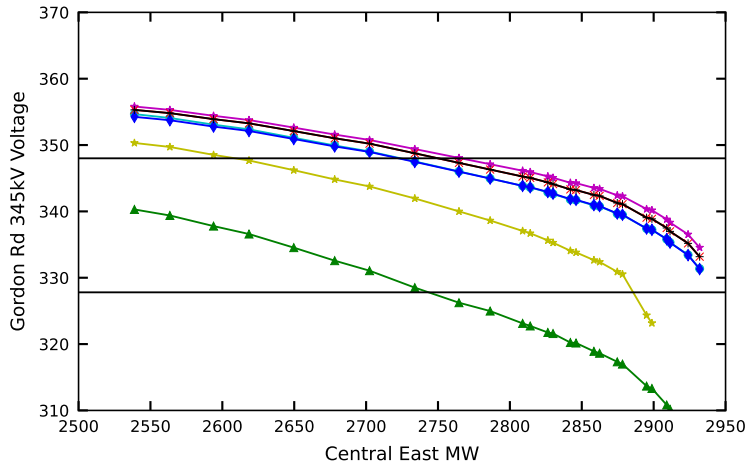
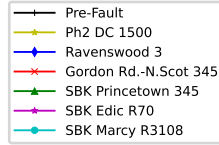
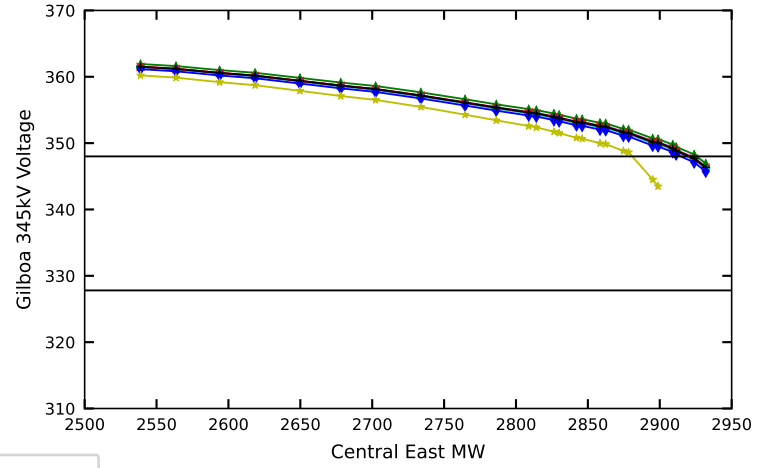
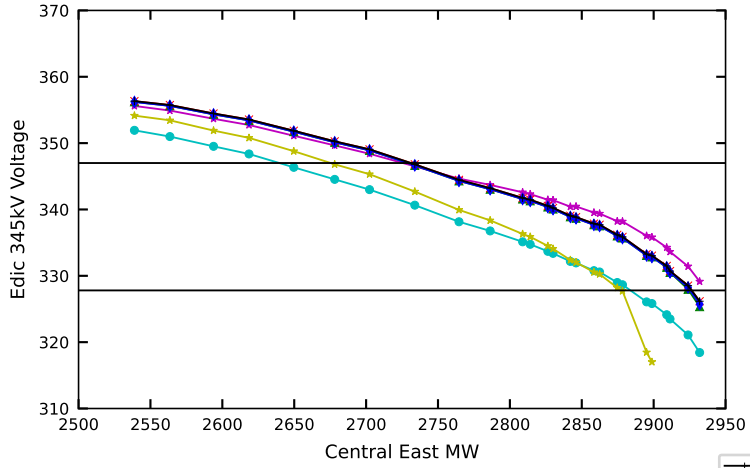
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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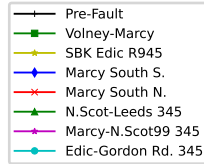
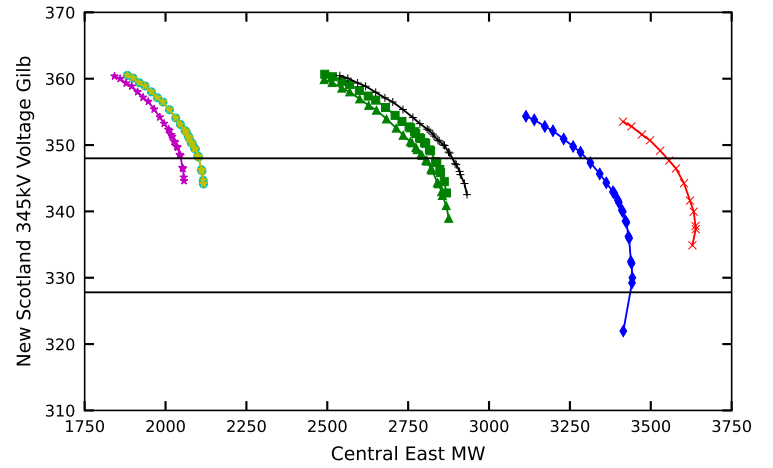
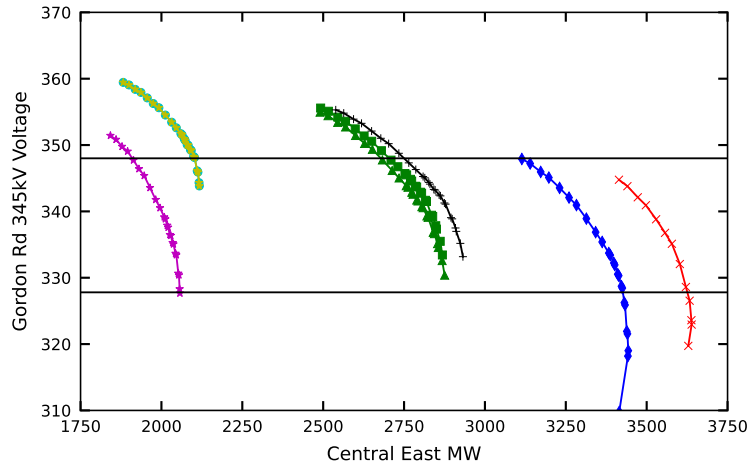
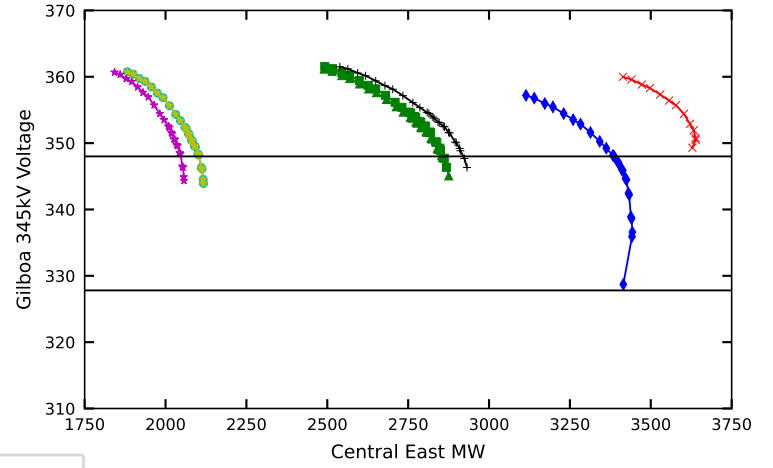
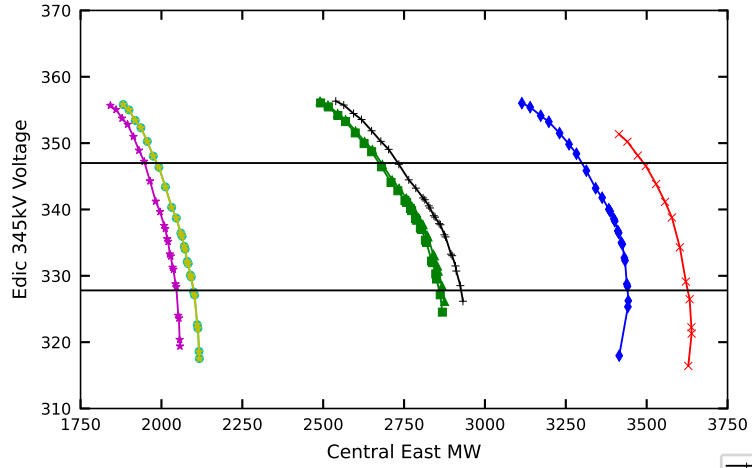
1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI Figure 1



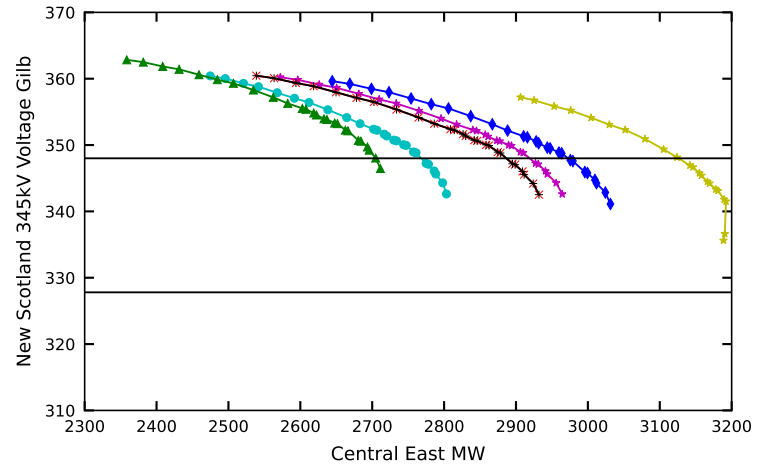
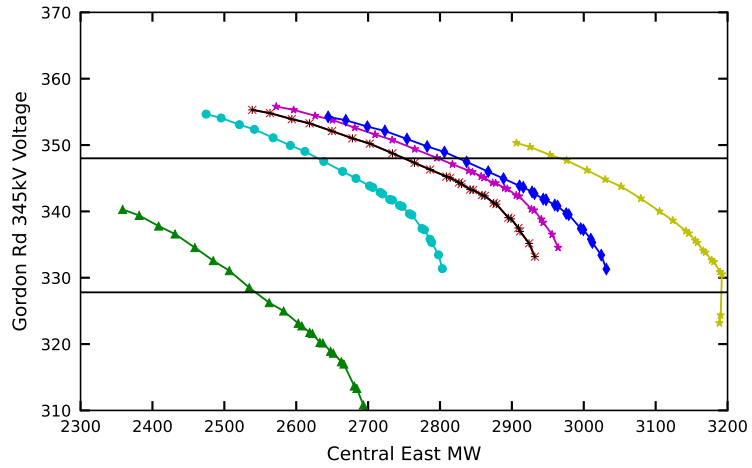
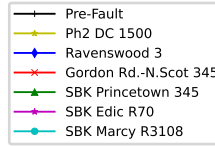
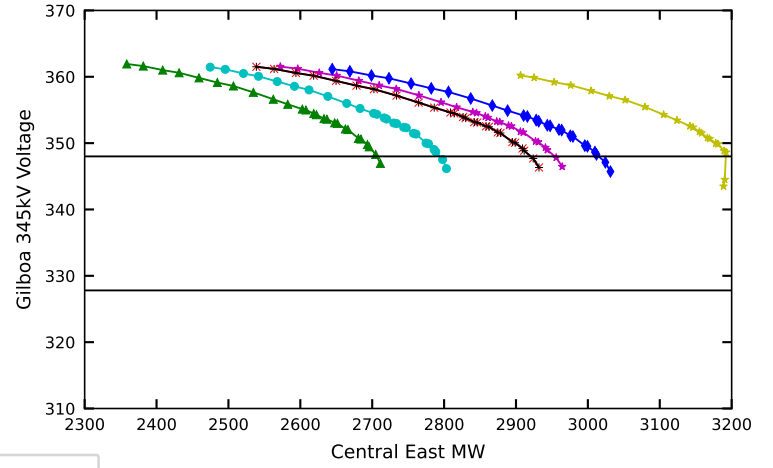
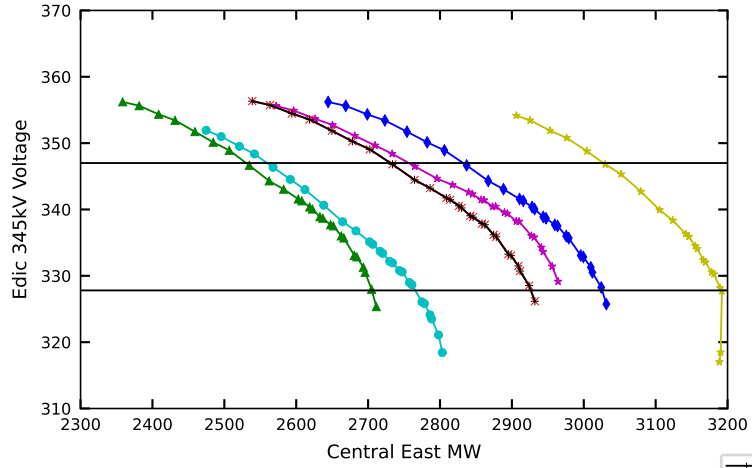
1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI Figure 2



1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI Figure 1



1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 3O6S3A ALI

Interface: Central East

Transfer		base	ce01	ce02	ce03	ce07	ce08	ce11	ce13	ce15	ce20	ce30	ce31	log09	log15
MW															
2538	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2563	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2593	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2618	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2649	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2678	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2702	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2733	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2764	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2786	t10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2808	t11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2814	t12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2826	t13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2830	t14	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2842	t15	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2846	t16	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2858	t17	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2862	t18	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2874	t19	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2878	t20	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2895	t21	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2898	t22	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2909	t23	0	0	0	0	2	0	0	0	0	0	0	0	0	2
2911	t24	0	0	0	0	2	0	0	0	0	0	0	0	0	2
2923	t25	0	2	2	0	2	0	2	0	0	0	0	0	0	2
2931	t26	0	2	2	0	2	2	2	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\ALI\Sum2023_CEVC_PH2_3O_ALI.xlsx

1: 2023S CEVC PH2 CE2530 MS2270 DE1300 3O6S3A ALI

Interface: Central East

N.Scot

345

log09) Ravens wood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
----------------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
--------------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2459 <E	Dunwoodie 345kV Voltage	Pre-Fault	113.4	NA	348	2459
2471 <E	Sprain Brook 345kV Voltage	Pre-Fault	113.6	NA	348	2471
2673	limit with 5% margin	Marcy South N.	NA	NA	NA	3457
2717	Marcy 345kV Voltage	Pre-Fault	13.8	NA	348	2717
2731	Edic 345kV Voltage	Pre-Fault	13.9	NA	347	2731
2734	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3032
2743	Gordon Rd 345kV Voltage	SBK Princetown 345	13.5	327.8	348.3	2543
2749	Gordon Rd 345kV Voltage	Pre-Fault	21.3	NA	348	2749
2763	limit with 5% margin	Marcy South S.	NA	NA	NA	3270
2765	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2011
2765	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1954
2765	limit with 5% margin	SBK Edic R945	NA	NA	NA	2011
2773	Gordon Rd 345kV Voltage	Marcy South N.	10.5	327.8	346.9	3625
2775	Edic 345kV Voltage	Marcy South N.	8.2	327.8	343.8	3626
2777	Marcy 345kV Voltage	Marcy South N.	8.1	327.8	343.7	3628
2785	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2731
2785	limit with 5% margin	Volney-Marcy	NA	NA	NA	2725
2785	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2663
2785	limit with 5% margin	SBK Edic R70	NA	NA	NA	2816
2785	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2575
2785	limit with 5% margin	Gordon Rd.-N.Scot 345	NA	NA	NA	2785
2785	limit with 5% margin	Ravenswood 3	NA	NA	NA	2879
2794	Millwood 345kV Voltage	Pre-Fault	91.6	NA	348	2794
2816 >E	Clay 345kV Voltage	Marcy South N.	6.7	327.8	346.9	3639
2824 >E	Oakdale 345kV Voltage	Marcy South N.	5.7	320	345.2	3640
2850	Pannell Road 345kV Voltage	Pre-Fault	28.4	NA	346	2850
2852	Station 80 345kV Voltage	Pre-Fault	26.8	NA	346	2852
2854	Clay 345kV Voltage	Pre-Fault	20.4	NA	345	2854
2864	Buchanan North 345kV Voltage	Pre-Fault	39.0	NA	346	2864
2865	Gordon Rd 345kV Voltage	Marcy South S.	5.6	327.8	342.0	3426
2870	Marcy 345kV Voltage	SBK Edic R945	5.4	327.8	336.6	2097
2870	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	336.6	2097
2873	Edic 345kV Voltage	SBK Edic R945	5.5	327.8	336.3	2098
2873	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	336.3	2098
2877	Edic 345kV Voltage	Ph2 DC 1500	7.3	327.8	335.9	3191
2878 >E	Marcy 345kV Voltage	Ph2 DC 1500	7.3	327.8	335.8	3192
2880	Edic 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	335.6	2046
2883	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	334.9	2047
2883	Edic 345kV Voltage	SBK Marcy R3108	6.5	327.8	335.0	2765
2886	New Scotland 345kV Voltage Alps	Pre-Fault	10.4	NA	348	2886
2886	New Scotland 345kV Voltage Gilb	Pre-Fault	10.4	NA	348	2886

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2897 >E	Pannell Road 345kV Voltage	Marcy South N.	11.4	327.8	345.3	3651
2901	Edic 345kV Voltage	Marcy South S.	4.7	327.8	332.6	3441
2902	Marcy 345kV Voltage	Marcy South S.	4.7	327.8	332.3	3441
2904	Coopers Corners 345kV Voltage	SBK Edic R945	4.2	327.8	339.9	2114
2904	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	339.9	2114
2906 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	10.4	327.8	339.7	3212
2907	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	339.5	2055
2909	Oakdale 345kV Voltage	Pre-Fault	2.8	NA	335	2909
2910	Rock Tavern 345kV Voltage	Pre-Fault	10.6	NA	348	2910
2910	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	3.5	327.8	337.1	2057
2912 >E	Fraser 345kV Voltage	SBK Edic R945	2.4	327.8	338.5	2117
2912 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.4	327.8	338.5	2117
2912 >E	Oakdale 345kV Voltage	SBK Edic R945	2.0	320	333.9	2117
2913 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.0	320	333.8	2117
2914 >E	Clay 345kV Voltage	SBK Edic R945	2.5	327.8	338.9	2118
2914 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.5	327.8	338.9	2118
2915 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	2.6	327.8	337.8	2058
2915 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.1	320	333.0	2058
2915	Fraser 345kV Voltage	Pre-Fault	5.9	NA	338	2915
2918 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	337.7	2060
2919 >E	New Scotland 345kV Voltage Alps	Marcy South N.	11.0	327.8	349.2	3654
2919 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	11.0	327.8	349.2	3654
2919	Coopers Corners 345kV Voltage	Pre-Fault	8.5	NA	338	2919
2919 >E	New Scotland 345kV Voltage Alps	Marcy South S.	4.8	327.8	345.0	3445
2919 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	4.8	327.8	345.0	3445
2920	Edic 345kV Voltage	Volney-Marcy	5.3	327.8	329.1	2858
2920	Gilboa 345kV Voltage	Pre-Fault	10.7	NA	348	2920
2921	Marcy 345kV Voltage	Volney-Marcy	5.3	327.8	328.7	2859
2924	Edic 345kV Voltage	SBK Princetown 345	3.1	327.8	328.4	2705
2924	Marcy 345kV Voltage	SBK Princetown 345	3.1	327.8	328.2	2705
2925	Edic 345kV Voltage	Ravenswood 3	3.2	327.8	328.1	3025
2925	Marcy 345kV Voltage	Ravenswood 3	3.2	327.8	327.9	3025
2925	Marcy 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	327.8	2869
2925	Marcy 345kV Voltage	SBK Edic R70	3.4	327.8	327.8	2958
2925	Marcy 345kV Voltage	Gordon Rd.-N.Scot 345	3.4	327.8	327.8	2925
2925	Marcy 345kV Voltage	SBK Marcy R3108	3.4	327.8	327.8	2799
2926	Edic 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	327.8	2869
2926	Edic 345kV Voltage	Gordon Rd.-N.Scot 345	3.4	327.8	327.8	2926
2933 >E	Pleasant Valley 345kV Voltage	Pre-Fault	9.8	NA	348	2933
2933 >E	Buchanan South 345kV Voltage	Pre-Fault	9.0	NA	346	2933
2936 >E	Edic 345kV Voltage	SBK Edic R70	3.5	327.8	324.8	2969

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2938 >E	Clay 345kV Voltage	SBK Marcy R3108	3.8	327.8	334.7	2807
2941 >E	Pannell Road 345kV Voltage	SBK Edic R945	3.5	327.8	336.5	2129
2941 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	330.8	2884
2941 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	3.5	327.8	336.4	2130
2942 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.8	320	325.6	2810
2944 >E	Station 80 345kV Voltage	Marcy South N.	13.7	327.8	344.8	3658
2945 >E	Gordon Rd 345kV Voltage	Ravenswood 3	3.8	327.8	329.8	3043
2945 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	3.9	327.8	329.7	2812
2946 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	335.4	2071
2946 >E	Coopers Corners 345kV Voltage	Ravenswood 3	3.9	327.8	332.2	3044
2948 >E	Station 80 345kV Voltage	SBK Edic R945	3.6	327.8	335.3	2132
2948 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	335.2	2133
2950 >E	Oakdale 345kV Voltage	Volney-Marcy	2.9	320	323.1	2883
2951 >E	Ramapo 345kV Voltage	Pre-Fault	10.0	NA	346	2951
2951 >E	Ramapo 500kV Voltage	Ph2 DC 1500	26.9	500	506.9	3245
2952 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	334.3	2074
2953 >E	Gilboa 345kV Voltage	Marcy South S.	5.0	327.8	345.5	3453
2953 >E	Gordon Rd 345kV Voltage	Gordon Rd.-N.Scot 345	4.0	327.8	327.8	2953
2953 >E	Oakdale 345kV Voltage	Ravenswood 3	2.9	320	321.8	3050
2954 >E	Gordon Rd 345kV Voltage	Volney-Marcy	3.9	327.8	327.7	2886
2954 >E	Clay 345kV Voltage	Volney-Marcy	4.1	327.8	331.1	2886
2954 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.9	320	321.7	2729
2954 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	327.8	2897
2954 >E	Fraser 345kV Voltage	SBK Marcy R3108	3.5	327.8	327.8	2817
2954 >E	Fraser 345kV Voltage	SBK Edic R70	3.5	327.8	327.8	2987
2954 >E	Fraser 345kV Voltage	Gordon Rd.-N.Scot 345	3.5	327.8	327.8	2954
2954 >E	Fraser 345kV Voltage	Ravenswood 3	3.5	327.8	327.8	3051
2954 >E	Fraser 345kV Voltage	Volney-Marcy	3.5	327.8	327.8	2887
2954 >E	Fraser 345kV Voltage	SBK Princetown 345	3.5	327.8	327.8	2729
2955 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	3.9	327.8	330.2	2730
2958 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.0	320	320.2	2901
2959 >E	Oakdale 345kV Voltage	Gordon Rd.-N.Scot 345	3.0	320	320.0	2959
2959 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.1	327.8	329.3	2992
2959 >E	Gordon Rd 345kV Voltage	SBK Edic R70	4.1	327.8	326.4	2992
2960 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	329.1	2903
2961 >E	Oakdale 345kV Voltage	SBK Edic R70	3.0	320	319.3	2994
2962 >E	Clay 345kV Voltage	SBK Princetown 345	4.1	327.8	329.3	2735
2963 >E	Clay 345kV Voltage	Ravenswood 3	4.2	327.8	329.0	3059
2964 >E	Ladentown 345kV Voltage	Pre-Fault	9.7	NA	346	2964
2964 >E	Ramapo 500kV Voltage	Ravenswood 3	15.8	500	505.5	3060
2965 >E	St.Lawrence 230kV Voltage	Pre-Fault	15.1	NA	225	2965

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2966 >E	Coopers Corners 345kV Voltage	Gordon Rd.-N.Scot 345	4.4	327.8	327.8	2966
2968 >E	Ramapo 500kV Voltage	SBK Edic R945	12.3	500	504.5	2141
2968 >E	Clay 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	327.9	2910
2968 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	12.4	500	504.5	2141
2968 >E	Clay 345kV Voltage	Gordon Rd.-N.Scot 345	4.4	327.8	327.8	2968
2969 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	12.6	500	504.4	2080
2969 >E	Coopers Corners 345kV Voltage	Volney-Marcy	4.5	327.8	326.9	2900
2970 >E	Gilboa 345kV Voltage	SBK Edic R945	3.7	327.8	340.0	2142
2970 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	3.7	327.8	339.9	2142
2971 >E	Clay 345kV Voltage	Marcy South S.	6.7	327.8	333.2	3458
2974 >E	Clay 345kV Voltage	SBK Edic R70	4.5	327.8	326.5	3008
2978 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	4.1	327.8	331.4	2145
2978 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	4.1	327.8	331.4	2145
2978 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	4.1	327.8	331.4	2146
2978 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	4.1	327.8	331.4	2146
2978 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	338.7	2084
2979 >E	St.Lawrence 230kV Voltage	SBK Edic R945	9.3	218.5	220.5	2145
2979 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	4.2	327.8	332.7	2921
2979 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	4.2	327.8	332.7	2921
2979 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	5.4	327.8	332.3	2834
2980 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	9.5	218.5	220.4	2146
2981 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	4.9	327.8	324.3	2835
2982 >E	Leeds 345kV Voltage	Pre-Fault	7.4	NA	345	2982
2983 >E	Fraser 345kV Voltage	Marcy South S.	6.5	327.8	327.8	3461
2984 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	4.3	327.8	330.2	2087
2984 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	4.3	327.8	330.2	2087
2985 >E	Dunwoodie 345kV Voltage	Ravenswood 3	7.4	327.8	335.7	3078
2985 >E	Clay 345kV Voltage	Ph2 DC 1500	11.1	327.8	338.0	3269
2985 >E	Gordon Rd 345kV Voltage	SBK Edic R945	4.6	327.8	320.5	2148
2986 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	4.7	327.8	320.4	2149
2986 >E	Sprain Brook 345kV Voltage	Ravenswood 3	7.4	327.8	335.8	3079
2987 >E	Roseton 345kV Voltage	Pre-Fault	10.5	NA	345	2987
2990 >E	Bowline 1 345kV Voltage	Pre-Fault	9.9	NA	345	2990
2992 >E	Oakdale 345kV Voltage	Marcy South S.	5.5	320	320.1	3463
2993 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	4.6	327.8	329.7	3085
2993 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	4.6	327.8	329.7	3085
2993 >E	Pannell Road 345kV Voltage	Volney-Marcy	5.7	327.8	329.9	2919
2994 >E	Bowline 2 345kV Voltage	Pre-Fault	9.8	NA	345	2994
2998 >E	Pannell Road 345kV Voltage	Ravenswood 3	5.7	327.8	329.1	3089
2998 >E	Pannell Road 345kV Voltage	SBK Princetown 345	5.6	327.8	329.1	2765
2999 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	10.9	218.5	218.2	2093

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2999 >E	Station 80 345kV Voltage	SBK Marcy R3108	6.3	327.8	331.5	2847
3001 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	9.7	218.5	222.6	2848
3002 >E	New Scotland 345kV Voltage Alps	Gordon Rd.-N.Scot 345	4.8	327.8	327.8	3002
3002 >E	New Scotland 345kV Voltage Gilb	Gordon Rd.-N.Scot 345	4.8	327.8	327.8	3002
3002 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	4.7	327.8	327.8	2927
3002 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	4.7	327.8	327.8	2927
3003 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	4.8	327.8	327.7	3038
3003 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	4.8	327.8	327.7	3038
3003 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	4.8	327.8	327.6	2850
3003 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	4.8	327.8	327.6	2850
3004 >E	Leeds 345kV Voltage	Marcy South S.	6.2	327.8	348.9	3466
3005 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	327.9	2947
3006 >E	Pannell Road 345kV Voltage	Gordon Rd.-N.Scot 345	6.0	327.8	327.8	3006
3008 >E	Buchanan North 345kV Voltage	Ravenswood 3	8.0	327.8	335.4	3098
3010 >E	Millwood 345kV Voltage	Ravenswood 3	7.6	327.8	335.7	3100
3010 >E	Pannell Road 345kV Voltage	SBK Edic R70	6.1	327.8	327.1	3045
3013 >E	Station 80 345kV Voltage	Volney-Marcy	6.6	327.8	329.5	2936
3015 >E	Station 80 345kV Voltage	Ravenswood 3	6.6	327.8	329.2	3104
3017 >E	Station 80 345kV Voltage	SBK Princetown 345	6.5	327.8	329.0	2780
3020 >E	Rock Tavern 345kV Voltage	Ravenswood 3	6.3	327.8	334.5	3109
3022 >E	Rock Tavern 345kV Voltage	SBK Edic R945	7.2	327.8	337.5	2164
3022 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	7.2	327.8	337.5	2164
3023 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	5.3	327.8	330.8	2964
3024 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	6.9	327.8	327.9	2965
3025 >E	Station 80 345kV Voltage	Gordon Rd.-N.Scot 345	6.9	327.8	327.8	3025
3025 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	11.5	327.8	335.5	3298
3026 >E	Buchanan South 345kV Voltage	Ravenswood 3	7.8	327.8	335.7	3114
3026 >E	St.Lawrence 230kV Voltage	Volney-Marcy	11.7	218.5	221.0	2946
3026 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	5.1	327.8	322.8	2788
3026 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	5.1	327.8	322.8	2788
3029 >E	Station 80 345kV Voltage	SBK Edic R70	7.0	327.8	327.2	3064
3030 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	336.8	2105
3035 >E	Gilboa 345kV Voltage	Ravenswood 3	5.8	327.8	328.8	3122
3040 >E	Gilboa 345kV Voltage	SBK Marcy R3108	5.9	327.8	328.0	2874
3041 >E	Gilboa 345kV Voltage	Volney-Marcy	5.9	327.8	327.9	2959
3041 >E	Gilboa 345kV Voltage	Gordon Rd.-N.Scot 345	5.9	327.8	327.8	3041
3042 >E	Gilboa 345kV Voltage	SBK Edic R70	5.9	327.8	327.7	3078
3044 >E	St.Lawrence 230kV Voltage	Ravenswood 3	13.6	218.5	219.8	3130
3046 >E	Gilboa 345kV Voltage	SBK Princetown 345	6.0	327.8	327.0	2804
3046 >E	Ramapo 500kV Voltage	SBK Princetown 345	16.8	500	501.2	2804
3048 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	8.2	327.8	328.4	2988

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3048 >E	Dunwoodie 345kV Voltage	SBK Edic R70	8.3	327.8	328.3	3085
3049 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	8.2	327.8	328.4	2989
3049 >E	Sprain Brook 345kV Voltage	SBK Edic R70	8.3	327.8	328.3	3086
3050 >E	Oakdale 345kV Voltage	Ph2 DC 1500	12.1	320	333.4	3316
3050 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	6.6	327.8	330.5	2807
3050 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	8.2	327.8	328.1	2808
3051 >E	Fraser 345kV Voltage	Ph2 DC 1500	11.2	327.8	335.4	3317
3051 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	8.3	327.8	328.1	2809
3052 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	19.0	218.5	222.7	3317
3052 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	17.4	500	500.9	2992
3052 >E	Dunwoodie 345kV Voltage	Gordon Rd.-N.Scot 345	8.5	327.8	327.8	3052
3053 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	13.9	218.5	219.2	2810
3054 >E	Sprain Brook 345kV Voltage	Gordon Rd.-N.Scot 345	8.5	327.8	327.8	3054
3055 >E	Rock Tavern 345kV Voltage	SBK Edic R70	6.9	327.8	329.8	3092
3055 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	329.8	2995
3057 >E	Somerset 345kV Voltage	SBK Edic R945	6.8	327.8	336.2	2179
3057 >E	Dunwoodie 345kV Voltage	Volney-Marcy	8.7	327.8	327.2	2973
3057 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	336.1	2179
3058 >E	Ramapo 500kV Voltage	SBK Edic R70	17.7	500	500.6	3095
3059 >E	Ramapo 345kV Voltage	Ravenswood 3	8.5	327.8	335.2	3143
3059 >E	Sprain Brook 345kV Voltage	Volney-Marcy	8.7	327.8	327.2	2974
3060 >E	St.Lawrence 230kV Voltage	Marcy South N.	25.9	218.5	228.7	3675
3061 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	13.4	327.8	342.1	3324
3061 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	13.4	327.8	342.1	3324
3063 >E	St.Lawrence 230kV Voltage	Gordon Rd.-N.Scot 345	15.1	218.5	218.5	3063
3063 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	9.0	327.8	326.5	2889
3064 >E	Ladentown 345kV Voltage	Ravenswood 3	8.3	327.8	335.8	3147
3064 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	15.1	218.5	218.4	3004
3065 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	9.0	327.8	326.5	2890
3068 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	7.2	327.8	335.0	2121
3069 >E	Buchanan North 345kV Voltage	SBK Princetown 345	8.8	327.8	328.8	2823
3069 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	8.8	327.8	328.8	3009
3069 >E	Ramapo 500kV Voltage	Pre-Fault	19.1	NA	500	3069
3069 >E	Ramapo 500kV Voltage	Gordon Rd.-N.Scot 345	19.1	500	500.0	3069
3070 >E	Rock Tavern 345kV Voltage	Gordon Rd.-N.Scot 345	7.5	327.8	327.8	3070
3070 >E	Buchanan North 345kV Voltage	SBK Edic R70	8.9	327.8	328.7	3107
3071 >E	Ramapo 500kV Voltage	Volney-Marcy	19.7	500	499.9	2984
3072 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	8.4	327.8	328.6	3011
3072 >E	Millwood 345kV Voltage	SBK Edic R70	8.5	327.8	328.5	3110
3073 >E	St.Lawrence 230kV Voltage	SBK Edic R70	16.1	218.5	217.8	3111
3075 >E	Millwood 345kV Voltage	SBK Princetown 345	8.4	327.8	328.3	2828

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3078 >E	Ramapo 500kV Voltage	SBK Marcy R3108	20.7	500	499.5	2899
3078 >E	Bowline 1 345kV Voltage	Ravenswood 3	8.3	327.8	336.1	3160
3079 >E	Buchanan North 345kV Voltage	Gordon Rd.-N.Scot 345	9.3	327.8	327.8	3079
3079 >E	Millwood 345kV Voltage	Gordon Rd.-N.Scot 345	8.8	327.8	327.8	3079
3081 >E	Bowline 2 345kV Voltage	Ravenswood 3	8.3	327.8	336.1	3163
3081 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	8.9	327.8	332.8	3163
3083 >E	Rock Tavern 345kV Voltage	Volney-Marcy	8.1	327.8	326.1	2994
3084 >E	Pannell Road 345kV Voltage	Marcy South S.	13.0	327.8	332.7	3486
3085 >E	Millwood 345kV Voltage	Volney-Marcy	9.0	327.8	327.1	2996
3086 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	16.7	327.8	336.5	3342
3086 >E	Buchanan North 345kV Voltage	Volney-Marcy	9.7	327.8	327.0	2997
3088 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	8.6	327.8	328.8	3027
3089 >E	Buchanan South 345kV Voltage	SBK Edic R70	8.7	327.8	328.7	3127
3090 >E	Buchanan South 345kV Voltage	SBK Princetown 345	8.6	327.8	328.6	2840
3093 >E	Millwood 345kV Voltage	SBK Marcy R3108	9.3	327.8	326.1	2909
3096 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	10.1	327.8	325.9	2911
3097 >E	Buchanan South 345kV Voltage	Gordon Rd.-N.Scot 345	9.0	327.8	327.8	3097
3101 >E	Watercure 230kV Voltage	SBK Edic R945	9.3	207	224.0	2197
3102 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	8.8	327.8	323.6	2914
3104 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	9.5	207	223.9	2199
3105 >E	Buchanan South 345kV Voltage	Volney-Marcy	9.3	327.8	326.9	3012
3109 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	7.4	327.8	327.8	3048
3109 >E	Leeds 345kV Voltage	Volney-Marcy	7.4	327.8	327.8	3016
3109 >E	Leeds 345kV Voltage	SBK Marcy R3108	7.4	327.8	327.8	2919
3109 >E	Leeds 345kV Voltage	SBK Edic R70	7.4	327.8	327.8	3148
3109 >E	Leeds 345kV Voltage	SBK Princetown 345	7.4	327.8	327.8	2856
3109 >E	Leeds 345kV Voltage	Gordon Rd.-N.Scot 345	7.4	327.8	327.8	3109
3109 >E	Leeds 345kV Voltage	Ravenswood 3	7.4	327.8	327.8	3188
3110 >E	Roseton 345kV Voltage	Ravenswood 3	9.3	327.8	333.3	3188
3110 >E	Somerset 345kV Voltage	Pre-Fault	13.7	NA	338	3110
3115 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	9.7	327.8	325.9	2923
3115 >E	Ramapo 345kV Voltage	SBK Princetown 345	9.2	327.8	329.6	2861
3118 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	9.3	327.8	329.3	3056
3119 >E	Ramapo 345kV Voltage	SBK Edic R70	9.4	327.8	329.2	3158
3120 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	9.4	327.8	328.8	3058
3124 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	9.5	327.8	328.4	3163
3125 >E	Ladentown 345kV Voltage	SBK Princetown 345	9.1	327.8	329.4	2869
3126 >E	Station 80 345kV Voltage	Ph2 DC 1500	18.6	327.8	337.0	3370
3127 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	9.2	327.8	329.3	3064
3128 >E	Ladentown 345kV Voltage	SBK Edic R70	9.2	327.8	329.2	3167
3129 >E	Pleasant Valley 345kV Voltage	Marcy South S.	13.4	327.8	341.7	3497

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3130 >E	Pleasant Valley 345kV Voltage	Gordon Rd.-N.Scot 345	9.8	327.8	327.8	3130
3130 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	9.5	327.8	327.7	2873
3133 >E	Ramapo 345kV Voltage	Gordon Rd.-N.Scot 345	10.0	327.8	327.8	3133
3137 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	10.0	327.8	327.1	3039
3139 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	11.0	207	222.4	2150
3141 >E	Ladentown 345kV Voltage	Gordon Rd.-N.Scot 345	9.7	327.8	327.8	3141
3142 >E	St.Lawrence 230kV Voltage	Marcy South S.	24.4	218.5	222.2	3500
3142 >E	Bowline 1 345kV Voltage	SBK Princetown 345	9.1	327.8	329.6	2883
3143 >E	Station 80 345kV Voltage	Marcy South S.	16.0	327.8	332.2	3500
3144 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	9.2	327.8	329.4	3081
3145 >E	Bowline 1 345kV Voltage	SBK Edic R70	9.3	327.8	329.3	3185
3145 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	10.3	327.8	326.3	2943
3145 >E	Bowline 2 345kV Voltage	SBK Princetown 345	9.1	327.8	329.6	2885
3145 >E	Ramapo 345kV Voltage	Volney-Marcy	10.5	327.8	326.6	3046
3147 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	9.2	327.8	329.4	3084
3148 >E	Buchanan North 345kV Voltage	SBK Edic R945	15.7	327.8	334.0	2217
3148 >E	Bowline 2 345kV Voltage	SBK Edic R70	9.2	327.8	329.3	3188
3149 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	15.8	327.8	333.9	2218
3153 >E	Ladentown 345kV Voltage	Volney-Marcy	10.2	327.8	326.6	3052
3153 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	9.9	327.8	329.2	3090
3154 >E	Roseton 345kV Voltage	SBK Princetown 345	9.9	327.8	329.1	2892
3154 >E	Roseton 345kV Voltage	SBK Edic R70	10.0	327.8	329.1	3195
3160 >E	Bowline 1 345kV Voltage	Gordon Rd.-N.Scot 345	9.9	327.8	327.8	3160
3162 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	16.4	327.8	333.3	2159
3162 >E	Ramapo 345kV Voltage	SBK Marcy R3108	11.1	327.8	324.9	2954
3163 >E	Bowline 2 345kV Voltage	Gordon Rd.-N.Scot 345	9.8	327.8	327.8	3163
3164 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	9.8	327.8	327.8	2225
3164 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	9.8	327.8	327.8	2160
3164 >E	Leeds 345kV Voltage	SBK Edic R945	9.8	327.8	327.8	2224
3168 >E	Roseton 345kV Voltage	Gordon Rd.-N.Scot 345	10.5	327.8	327.8	3168
3168 >E	Ladentown 345kV Voltage	SBK Marcy R3108	10.7	327.8	325.0	2958
3172 >E	Bowline 1 345kV Voltage	Volney-Marcy	10.3	327.8	326.5	3068
3175 >E	Bowline 2 345kV Voltage	Volney-Marcy	10.2	327.8	326.5	3070
3176 >E	Ramapo 345kV Voltage	SBK Edic R945	14.1	327.8	336.0	2229
3177 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	14.1	327.8	335.9	2230
3180 >E	Roseton 345kV Voltage	Volney-Marcy	11.0	327.8	326.6	3075
3189 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	10.9	327.8	324.8	2972
3192 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	14.7	327.8	335.2	2172
3192 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	10.8	327.8	324.8	2974
3196 >E	Roseton 345kV Voltage	SBK Marcy R3108	11.5	327.8	325.2	2976
3205 >E	Fraser 345kV Voltage	Marcy South N.	18.4	327.8	327.8	3697

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3207 >E	Somerset 345kV Voltage	SBK Marcy R3108	12.5	327.8	330.9	2983
3215 >E	Ladentown 345kV Voltage	SBK Edic R945	14.8	327.8	335.9	2246
3216 >E	Somerset 345kV Voltage	Ravenswood 3	12.7	327.8	330.2	3282
3216 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	14.8	327.8	335.9	2247
3220 >E	Roseton 345kV Voltage	SBK Edic R945	13.8	327.8	334.4	2248
3221 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	13.9	327.8	334.3	2249
3225 >E	Buchanan South 345kV Voltage	SBK Edic R945	17.1	327.8	333.9	2250
3226 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	17.2	327.8	333.8	2251
3228 >E	Somerset 345kV Voltage	SBK Princetown 345	12.9	327.8	329.4	2952
3228 >E	Somerset 345kV Voltage	Volney-Marcy	13.1	327.8	329.4	3114
3232 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	15.5	327.8	335.1	2188
3234 >E	Ramapo 500kV Voltage	Marcy South N.	54.5	500	503.6	3701
3236 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	14.4	327.8	333.5	2190
3239 >E	Millwood 345kV Voltage	SBK Edic R945	19.0	327.8	332.8	2256
3240 >E	Bowline 1 345kV Voltage	SBK Edic R945	14.9	327.8	336.4	2256
3240 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	19.0	327.8	332.7	2257
3241 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	14.9	327.8	336.3	2258
3243 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	17.9	327.8	333.1	2193
3246 >E	Bowline 2 345kV Voltage	SBK Edic R945	14.8	327.8	336.5	2259
3247 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	14.9	327.8	336.4	2260
3249 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	327.9	3183
3250 >E	Somerset 345kV Voltage	Gordon Rd.-N.Scot 345	13.7	327.8	327.8	3250
3254 >E	Somerset 345kV Voltage	SBK Edic R70	13.9	327.8	327.5	3298
3256 >E	Sprain Brook 345kV Voltage	SBK Edic R945	23.0	327.8	332.0	2263
3258 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	23.1	327.8	332.0	2265
3258 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	19.8	327.8	332.0	2199
3259 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	15.6	327.8	335.5	2199
3259 >E	Gilboa 345kV Voltage	Ph2 DC 1500	18.3	327.8	341.0	3467
3260 >E	Dunwoodie 345kV Voltage	SBK Edic R945	23.4	327.8	332.0	2265
3262 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	23.5	327.8	331.9	2267
3264 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	16.2	327.8	330.7	2267
3265 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	16.2	327.8	330.7	2268
3265 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	15.5	327.8	335.6	2202
3277 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	24.0	327.8	331.4	2207
3281 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	16.8	327.8	329.9	2208
3281 >E	Gilboa 345kV Voltage	Marcy South N.	20.6	327.8	342.1	3708
3281 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	24.4	327.8	331.3	2208
3290 >E	Ramapo 500kV Voltage	Marcy South S.	54.4	500	505.2	3537
3301 >E	Niagara 345kV Voltage	SBK Edic R945	13.4	327.8	338.9	2282
3303 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	13.4	327.8	338.8	2284
3310 >E	Niagara 230kV East Voltage	SBK Edic R945	28.3	218.5	225.7	2286

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3310 >E	Niagara 230kV West Voltage	SBK Edic R945	28.3	218.5	225.7	2286
3312 >E	Roseton 345kV Voltage	Marcy South S.	17.6	327.8	337.3	3542
3313 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	28.5	218.5	225.7	2288
3313 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	28.5	218.5	225.7	2288
3313 >E	Millwood 345kV Voltage	Marcy South S.	22.9	327.8	334.0	3542
3313 >E	Dunwoodie 345kV Voltage	Marcy South S.	26.5	327.8	333.0	3542
3314 >E	Rainey 345kV Voltage	Ravenswood 3	19.9	327.8	341.1	3368
3318 >E	Sprain Brook 345kV Voltage	Marcy South S.	26.5	327.8	332.9	3543
3323 >E	Somerset 345kV Voltage	Marcy South N.	25.1	327.8	348.6	3715
3327 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	14.2	327.8	337.6	2227
3339 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	30.2	218.5	225.2	2232
3339 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	30.2	218.5	225.2	2232
3339 >E	Farragut 345kV Voltage	Ravenswood 3	21.0	327.8	340.3	3390
3398 >E	Leeds 345kV Voltage	Marcy South N.	23.1	327.8	349.3	3726
3408 >E	Rainey 345kV Voltage	Pre-Fault	30.5	NA	338	3408
3413 >E	Farragut 345kV Voltage	Pre-Fault	31.8	NA	338	3413
3414 >E	Buchanan South 345kV Voltage	Marcy South S.	24.9	327.8	332.1	3567
3428 >E	Rock Tavern 345kV Voltage	Marcy South S.	18.4	327.8	316.3	3571
3461 >E	Buchanan North 345kV Voltage	Marcy South S.	28.5	327.8	328.2	3579
3528 >E	Goethals 345kV Voltage	Ravenswood 3	28.6	327.8	339.0	3557
3537 >E	Watercure 230kV Voltage	Ph2 DC 1500	30.2	207	222.5	3667
3543 >E	Niagara 345kV Voltage	Pre-Fault	30.8	NA	338	3543
3570 >E	Goethals 345kV Voltage	Pre-Fault	42.5	NA	338	3570
3594 >E	Somerset 345kV Voltage	Ph2 DC 1500	32.8	327.8	339.7	3708
3599 >E	Niagara 230kV East Voltage	Pre-Fault	82.1	NA	225	3599
3599 >E	Niagara 230kV West Voltage	Pre-Fault	82.1	NA	225	3599
3626 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	45.6	327.8	341.4	3731
3627 >E	Gardenville 230kV Voltage	SBK Edic R945	27.1	207	221.6	2420
3634 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	27.3	207	221.4	2425
3654 >E	Leeds 345kV Voltage	Ph2 DC 1500	29.1	327.8	343.7	3751
3654 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	37.3	327.8	343.1	3751
3676 >E	Ramapo 345kV Voltage	Marcy South S.	30.8	327.8	324.2	3632
3681 >E	Somerset 345kV Voltage	Marcy South S.	32.4	327.8	333.0	3633
3687 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	29.3	327.8	328.8	3608
3689 >E	Coopers Corners 345kV Voltage	Marcy South S.	20.7	327.8	251.3	3635
3692 >E	Rainey 345kV Voltage	SBK Princetown 345	29.3	327.8	328.7	3331
3692 >E	Ladentown 345kV Voltage	Marcy South S.	30.8	327.8	325.7	3636
3693 >E	Rainey 345kV Voltage	SBK Edic R70	29.5	327.8	328.6	3753
3705 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	30.5	327.8	328.8	3625
3707 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	29.9	207	220.1	2383
3709 >E	Farragut 345kV Voltage	SBK Princetown 345	30.6	327.8	328.7	3345

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3711 >E	Farragut 345kV Voltage	SBK Edic R70	30.8	327.8	328.6	3772
3719 >E	Rainey 345kV Voltage	Gordon Rd.-N.Scot 345	30.5	327.8	327.8	3719
3729 >E	Niagara 345kV Voltage	Ravenswood 3	27.0	327.8	332.0	3733
3737 >E	Farragut 345kV Voltage	Gordon Rd.-N.Scot 345	31.8	327.8	327.8	3737
3744 >E	Rainey 345kV Voltage	Volney-Marcy	31.3	327.8	327.0	3543
3748 >E	Niagara 345kV Voltage	SBK Marcy R3108	27.6	327.8	331.3	3338
3763 >E	Farragut 345kV Voltage	Volney-Marcy	32.7	327.8	327.0	3559
3772 >E	Ramapo 345kV Voltage	Ph2 DC 1500	43.1	327.8	344.7	3836
3773 >E	Bowline 1 345kV Voltage	Marcy South S.	31.9	327.8	324.8	3656
3774 >E	Rainey 345kV Voltage	SBK Marcy R3108	32.4	327.8	326.0	3355
3786 >E	Niagara 345kV Voltage	SBK Princetown 345	28.5	327.8	330.1	3408
3791 >E	Niagara 345kV Voltage	Volney-Marcy	28.8	327.8	330.0	3582
3793 >E	Farragut 345kV Voltage	SBK Marcy R3108	33.8	327.8	326.0	3368
3843 >E	Bowline 2 345kV Voltage	Marcy South S.	33.9	327.8	323.0	3673
3844 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	49.5	327.8	344.3	3888
3846 >E	Ladentown 345kV Voltage	Ph2 DC 1500	43.6	327.8	345.9	3890
3854 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	30.7	327.8	327.9	3769
3854 >E	Niagara 230kV East Voltage	Ravenswood 3	64.3	218.5	221.9	3843
3854 >E	Niagara 230kV West Voltage	Ravenswood 3	64.3	218.5	221.9	3843
3858 >E	Niagara 345kV Voltage	Gordon Rd.-N.Scot 345	30.8	327.8	327.8	3858
3864 >E	Niagara 345kV Voltage	SBK Edic R70	31.1	327.8	327.6	3931
3878 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	45.5	327.8	345.4	3913
3891 >E	Millwood 345kV Voltage	Ph2 DC 1500	55.1	327.8	343.9	3922
3913 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	43.5	327.8	347.1	3938
3932 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	43.4	327.8	347.4	3952
3938 >E	Niagara 230kV East Voltage	SBK Marcy R3108	69.7	218.5	220.9	3463
3938 >E	Niagara 230kV West Voltage	SBK Marcy R3108	69.7	218.5	220.9	3463
3959 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	67.5	327.8	342.2	3971
3961 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	40.8	327.8	328.8	3873
3965 >E	Goethals 345kV Voltage	SBK Princetown 345	40.9	327.8	328.7	3554
3970 >E	Goethals 345kV Voltage	SBK Edic R70	41.3	327.8	328.6	4041
3978 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	68.9	327.8	342.2	3985
3997 >E	Niagara 230kV East Voltage	Volney-Marcy	73.3	218.5	220.2	3754
3997 >E	Niagara 230kV West Voltage	Volney-Marcy	73.3	218.5	220.2	3754
4001 >E	Niagara 230kV East Voltage	SBK Princetown 345	73.4	218.5	220.1	3583
4001 >E	Niagara 230kV West Voltage	SBK Princetown 345	73.4	218.5	220.1	3583
4004 >E	Goethals 345kV Voltage	Gordon Rd.-N.Scot 345	42.5	327.8	327.8	4004
4036 >E	Goethals 345kV Voltage	Volney-Marcy	43.7	327.8	327.0	3786
4077 >E	Goethals 345kV Voltage	SBK Marcy R3108	45.2	327.8	326.1	3554
4082 >E	Pleasant Valley 345kV Voltage	Marcy South N.	57.0	327.8	344.1	3828
4085 >E	Coopers Corners 345kV Voltage	Marcy South N.	43.4	327.8	308.5	3829

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4117 >E	Roseton 345kV Voltage	Ph2 DC 1500	51.4	327.8	346.0	4085
4119 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	81.2	218.5	218.7	4027
4119 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	81.2	218.5	218.7	4027
4132 >E	Niagara 230kV East Voltage	Gordon Rd.-N.Scot 345	82.1	218.5	218.5	4132
4132 >E	Niagara 230kV West Voltage	Gordon Rd.-N.Scot 345	82.1	218.5	218.5	4132
4132 >E	Niagara 230kV East Voltage	SBK Edic R70	82.2	218.5	218.5	4209
4132 >E	Niagara 230kV West Voltage	SBK Edic R70	82.2	218.5	218.5	4209
4137 >E	Niagara 345kV Voltage	Marcy South N.	47.9	327.8	352.2	3837
4155 >E	Niagara 230kV East Voltage	Marcy South N.	95.3	218.5	231.6	3839
4155 >E	Niagara 230kV West Voltage	Marcy South N.	95.3	218.5	231.6	3839
4656 >E	Niagara 345kV Voltage	Ph2 DC 1500	62.9	327.8	342.2	4474
4737 >E	Rainey 345kV Voltage	SBK Edic R945	70.2	327.8	334.9	2891
4746 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	70.5	327.8	334.8	2900
4755 >E	Farragut 345kV Voltage	SBK Edic R945	72.3	327.8	334.8	2899
4762 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	72.5	327.8	334.7	2907
4811 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	72.8	327.8	334.1	2835
4815 >E	Gardenville 230kV Voltage	Marcy South N.	80.6	207	233.0	3938
4828 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	74.9	327.8	334.1	2842
4847 >E	Roseton 345kV Voltage	Marcy South N.	77.5	327.8	341.1	3943
4930 >E	Buchanan North 345kV Voltage	Marcy South N.	104.6	327.8	333.7	3955
4964 >E	Niagara 230kV East Voltage	Ph2 DC 1500	143.3	218.5	226.8	4696
4964 >E	Niagara 230kV West Voltage	Ph2 DC 1500	143.3	218.5	226.8	4696
5060 >E	Millwood 345kV Voltage	Marcy South N.	110.7	327.8	337.9	3975
5079 >E	Rainey 345kV Voltage	Marcy South S.	82.9	327.8	336.3	3978
5112 >E	Farragut 345kV Voltage	Marcy South S.	85.9	327.8	336.2	3986
5235 >E	Rock Tavern 345kV Voltage	Marcy South N.	87.7	327.8	327.4	4001
5255 >E	Buchanan South 345kV Voltage	Marcy South N.	109.8	327.8	336.7	4004
5260 >E	Sprain Brook 345kV Voltage	Marcy South N.	138.5	327.8	336.7	4005
5276 >E	Dunwoodie 345kV Voltage	Marcy South N.	140.5	327.8	336.8	4007
5335 >E	Goethals 345kV Voltage	SBK Edic R945	95.6	327.8	335.4	3145
5344 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	96.0	327.8	335.3	3155
5350 >E	Niagara 345kV Voltage	Marcy South S.	80.4	327.8	334.6	4044
5419 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	98.8	327.8	334.7	3084
5526 >E	Ramapo 345kV Voltage	Marcy South N.	107.6	327.8	333.3	4044
5841 >E	Goethals 345kV Voltage	Marcy South S.	115.2	327.8	336.2	4165
5858 >E	Gardenville 230kV Voltage	Pre-Fault	165.1	NA	217	5858
5862 >E	Ladentown 345kV Voltage	Marcy South N.	116.4	327.8	333.1	4095
5873 >E	Gardenville 230kV Voltage	Ravenswood 3	107.0	207	216.9	5621
6086 >E	Gardenville 230kV Voltage	SBK Marcy R3108	115.5	207	215.6	4871
6377 >E	Bowline 1 345kV Voltage	Marcy South N.	128.3	327.8	331.4	4172
6415 >E	Bowline 2 345kV Voltage	Marcy South N.	127.8	327.8	331.6	4177

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6436 >E	Gardenville 230kV Voltage	SBK Princetown 345	127.2	207	213.5	5569
6533 >E	Gardenville 230kV Voltage	Volney-Marcy	130.9	207	212.9	5862
6817 >E	Niagara 230kV East Voltage	Marcy South S.	266.1	218.5	223.3	4406
6817 >E	Niagara 230kV West Voltage	Marcy South S.	266.1	218.5	223.3	4406
6916 >E	Gardenville 230kV Voltage	Ph2 DC 1500	148.3	207	226.7	6103
7327 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	158.7	207	208.1	7138
7509 >E	Gardenville 230kV Voltage	Gordon Rd.-N.Scot 345	165.1	207	207.0	7509
7602 >E	Gardenville 230kV Voltage	SBK Edic R70	168.3	207	206.4	7805
7773 >E	Farragut 345kV Voltage	Ph2 DC 1500	190.0	327.8	351.1	6721
7779 >E	Rainey 345kV Voltage	Ph2 DC 1500	186.5	327.8	351.6	6725
8949 >E	Goethals 345kV Voltage	Ph2 DC 1500	238.1	327.8	351.8	7569
10913 >E	Northport 138kV Voltage	Marcy South S.	632.2	131.1	134.8	5415
11210 >E	Northport 138kV Voltage	SBK Edic R945	655.0	131.1	134.7	5637
11246 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	657.8	131.1	134.7	5675
11591 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	684.6	131.1	134.3	5613
11999 >E	Watercure 230kV Voltage	Marcy South N.	596.3	207	542.4	5013
14098 >E	Rainey 345kV Voltage	Marcy South N.	420.0	327.8	342.6	5327
14206 >E	Farragut 345kV Voltage	Marcy South N.	432.6	327.8	342.4	5344
18048 >E	Goethals 345kV Voltage	Marcy South N.	587.2	327.8	343.3	5919
18270 >E	Northport 138kV Voltage	Ph2 DC 1500	1213.6	131.1	145.4	14290
25736 >E	Watercure 230kV Voltage	SBK Marcy R3108	968.7	207	458.3	17756
94620 >E	Northport 138kV Voltage	Marcy South N.	7192.8	131.1	141.2	17379
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

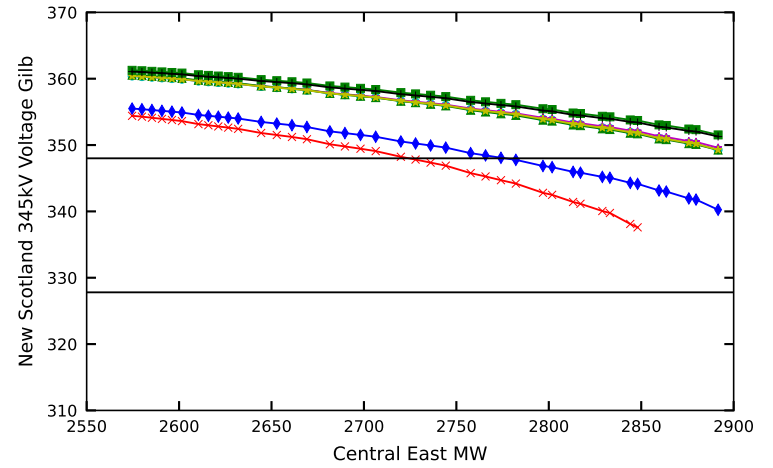
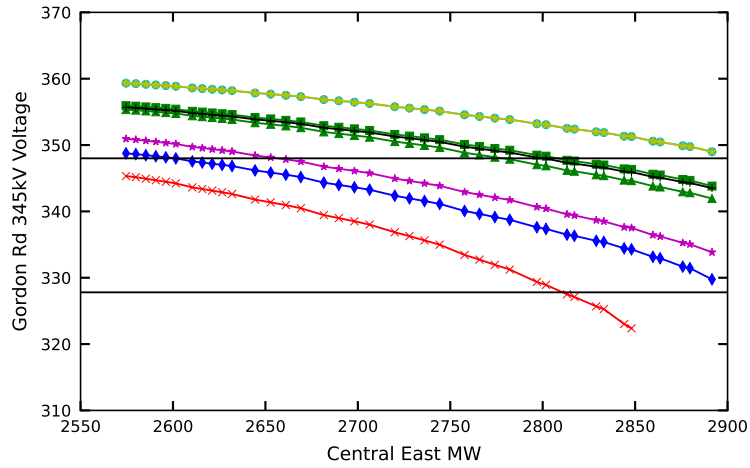
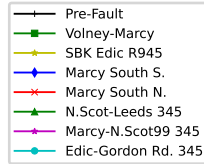
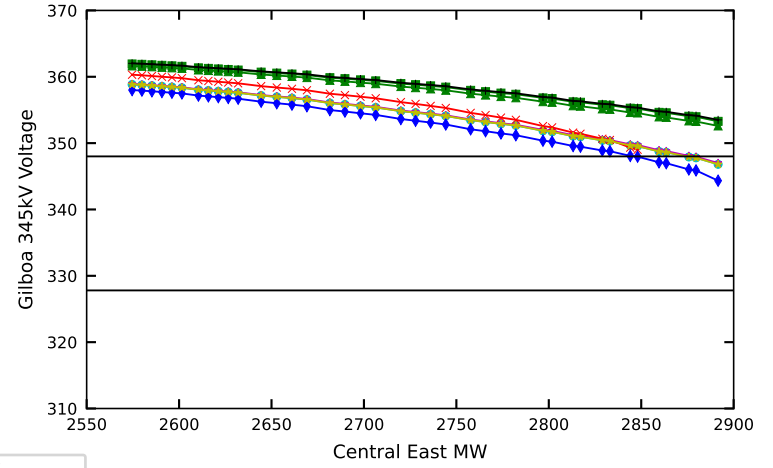
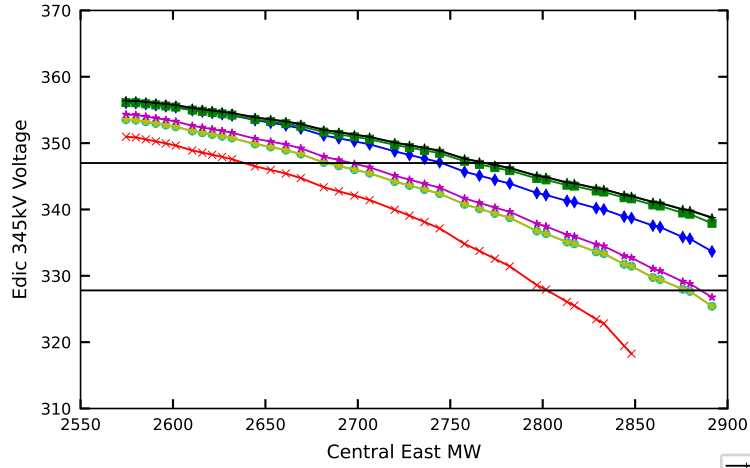
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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 306S3A ALI

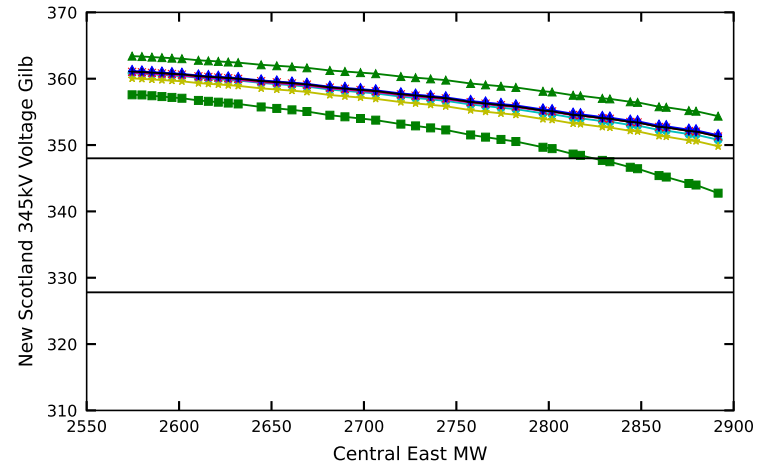
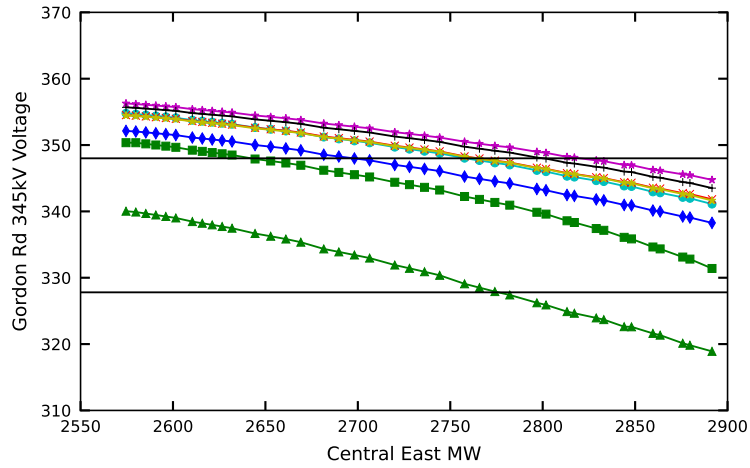
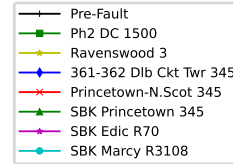
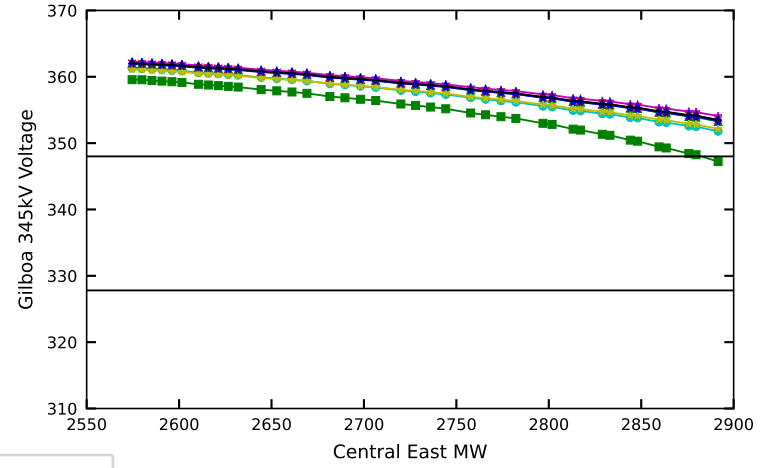
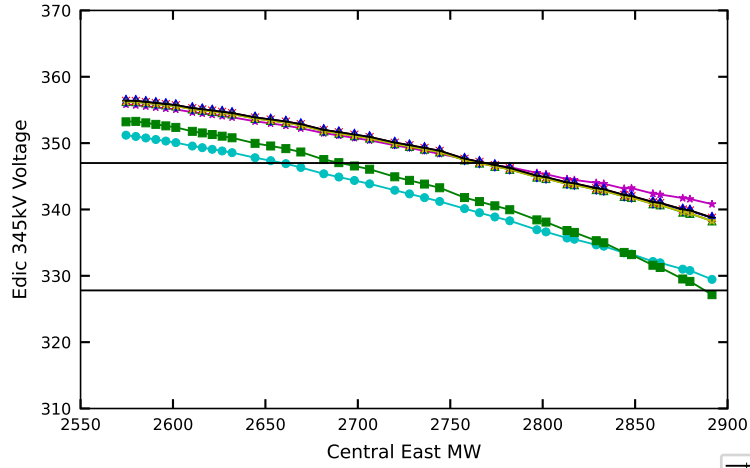
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Gordon Rd.-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Gordon Rd.-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

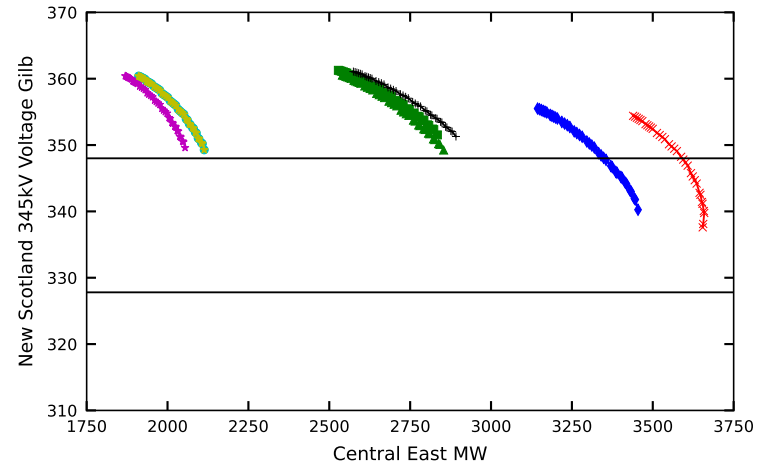
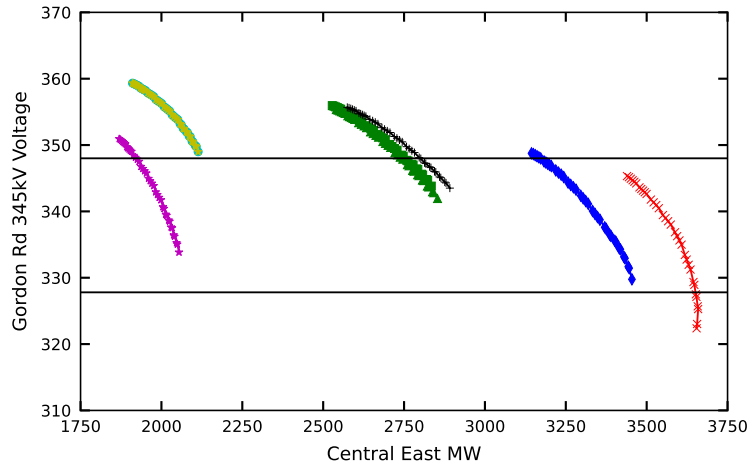
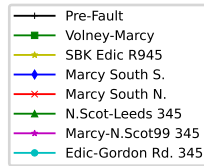
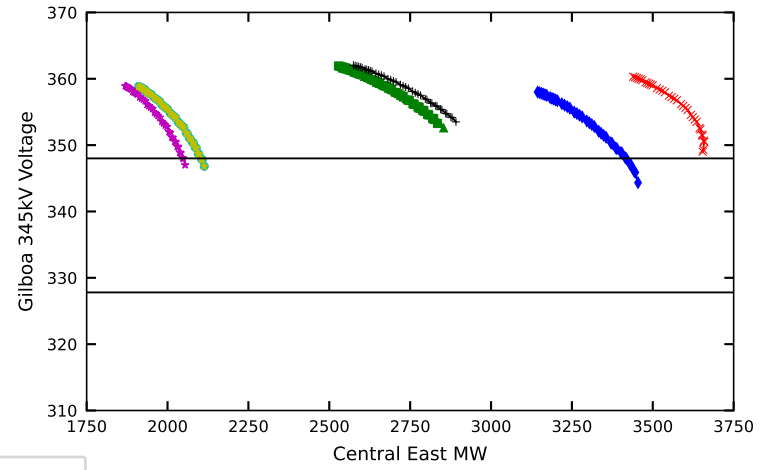
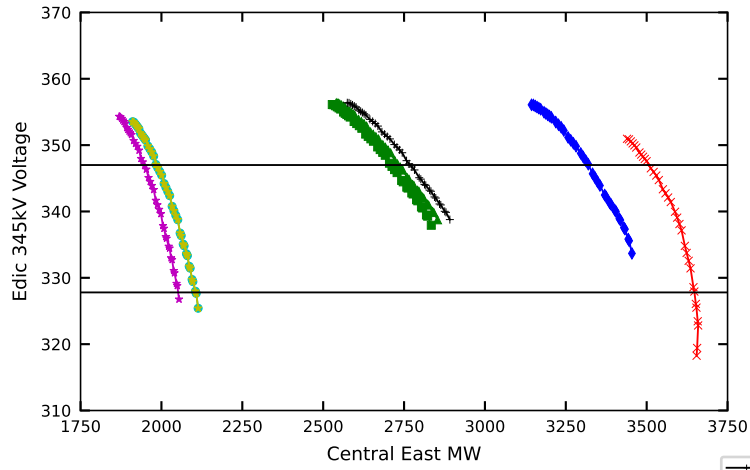
1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS Figure 1



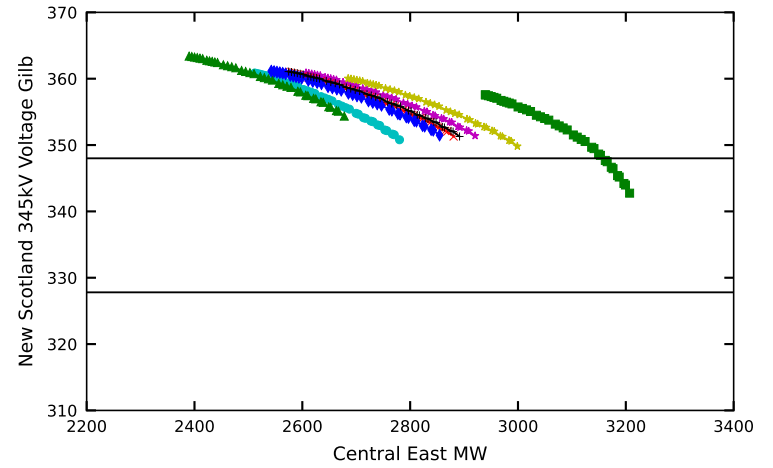
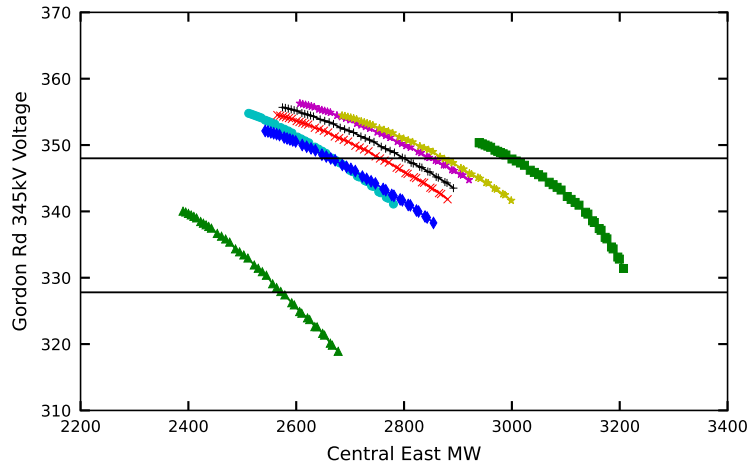
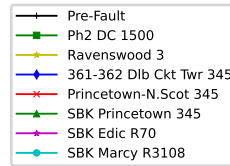
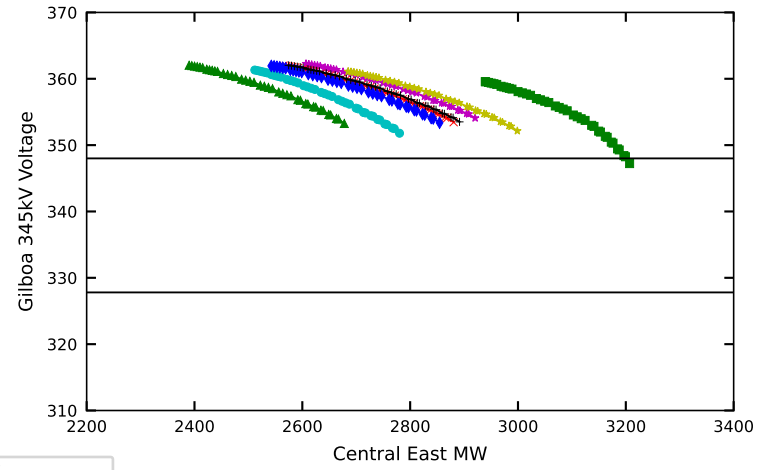
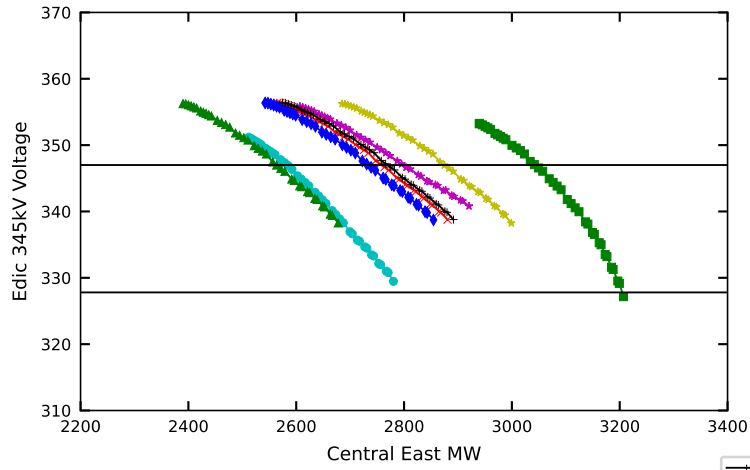
1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS Figure 2



1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS Figure 1



1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Interface: Central East

2796	t2 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2801	t2 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2813	t3 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2817	t3 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2828	t3 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2833	t3 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2844	t3 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2848	t3 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2859	t3 6	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
2863	t3 7	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
2875	t3 8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
2879	t3 9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
2891	t4 0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 3O F_SVC_OS

Interface: Central East

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Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 3O F_SVC_OS

Interface: Central East

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Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2550 <E	Dunwoodie 345kV Voltage	Pre-Fault	33.1	NA	348	2550
2554 <E	Sprain Brook 345kV Voltage	Pre-Fault	33.2	NA	348	2554
2691	limit with 5% margin	Marcy South N.	NA	NA	NA	3476
2747	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2007
2747	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1951
2747	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2710
2747	limit with 5% margin	Marcy South S.	NA	NA	NA	3281
2747	limit with 5% margin	SBK Edic R945	NA	NA	NA	2007
2747	limit with 5% margin	Volney-Marcy	NA	NA	NA	2692
2747	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2641
2747	limit with 5% margin	SBK Edic R70	NA	NA	NA	2774
2747	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2543
2747	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2736
2747	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2711
2747	limit with 5% margin	Ravenswood 3	NA	NA	NA	2848
2747	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3046
2754	Marcy 345kV Voltage	Pre-Fault	11.1	NA	348	2754
2769	Edic 345kV Voltage	Pre-Fault	17.2	NA	347	2769
2775	Gordon Rd 345kV Voltage	SBK Princetown 345	15.9	327.8	349.1	2573
2800	Gordon Rd 345kV Voltage	Pre-Fault	31.2	NA	348	2800
2802	Edic 345kV Voltage	Marcy South N.	6.1	327.8	344.8	3647
2804	Marcy 345kV Voltage	Marcy South N.	6.1	327.8	344.7	3648
2810	Gordon Rd 345kV Voltage	Marcy South N.	8.0	327.8	347.5	3651
2826	Millwood 345kV Voltage	Pre-Fault	83.9	NA	348	2826
2845 >E	Clay 345kV Voltage	Marcy South N.	8.3	327.8	347.7	3663
2851 >E	Oakdale 345kV Voltage	Marcy South N.	8.7	320	347.9	3664
2873	Marcy 345kV Voltage	SBK Edic R945	8.3	327.8	340.1	2103
2873	Marcy 345kV Voltage	Edic-Gordon Rd. 345	8.3	327.8	340.1	2103
2877	Edic 345kV Voltage	SBK Edic R945	12.0	327.8	339.9	2106
2877	Edic 345kV Voltage	Edic-Gordon Rd. 345	12.0	327.8	339.9	2106
2885	Edic 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	339.3	2051
2887	Edic 345kV Voltage	Ph2 DC 1500	6.0	327.8	339.1	3204
2888	Marcy 345kV Voltage	Ph2 DC 1500	5.9	327.8	339.0	3205
2890	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	338.8	2054
2894 >E	Pannell Road 345kV Voltage	Pre-Fault	27.4	NA	346	2894
2896 >E	Station 80 345kV Voltage	Pre-Fault	28.7	NA	346	2896
2897 >E	Fraser 345kV Voltage	SBK Edic R945	5.5	327.8	346.5	2116
2897 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	346.5	2116
2899 >E	Clay 345kV Voltage	Pre-Fault	17.6	NA	345	2899
2901 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.8	327.8	346.1	2058

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2904 >E	Buchanan North 345kV Voltage	Pre-Fault	44.7	NA	346	2904
2905 >E	Gordon Rd 345kV Voltage	Marcy South S.	7.1	327.8	342.6	3464
2906 >E	Edic 345kV Voltage	SBK Marcy R3108	8.9	327.8	337.4	2792
2914 >E	Coopers Corners 345kV Voltage	SBK Edic R945	6.6	327.8	343.7	2124
2914 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.6	327.8	343.7	2124
2919 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.9	327.8	343.3	2066
2921 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.4	327.8	341.5	3226
2928 >E	Edic 345kV Voltage	Marcy South S.	6.3	327.8	335.4	3481
2930 >E	Marcy 345kV Voltage	Marcy South S.	6.3	327.8	335.1	3482
2931 >E	Oakdale 345kV Voltage	SBK Edic R945	5.5	320	339.9	2132
2931 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	5.5	320	339.9	2132
2937 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	5.8	320	339.2	2074
2941 >E	Pannell Road 345kV Voltage	Marcy South N.	13.5	327.8	345.9	3693
2942 >E	Clay 345kV Voltage	SBK Edic R945	7.5	327.8	342.5	2138
2942 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	7.5	327.8	342.5	2138
2943 >E	Fraser 345kV Voltage	Ph2 DC 1500	6.3	327.8	341.9	3240
2944 >E	New Scotland 345kV Voltage Alps	Pre-Fault	16.1	NA	348	2944
2944 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	16.1	NA	348	2944
2951 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	9.9	327.8	339.6	2080
2957 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	8.3	327.8	341.7	2083
2964 >E	Rock Tavern 345kV Voltage	Pre-Fault	25.4	NA	348	2964
2964 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.8	320	336.4	3253
2965 >E	Fraser 345kV Voltage	Marcy South S.	5.7	327.8	339.8	3507
2967 >E	Clay 345kV Voltage	Ph2 DC 1500	8.2	327.8	341.1	3255
2977 >E	Oakdale 345kV Voltage	Pre-Fault	9.6	NA	335	2977
2979 >E	Edic 345kV Voltage	Volney-Marcy	8.7	327.8	330.7	2916
2982 >E	Marcy 345kV Voltage	Volney-Marcy	8.7	327.8	330.4	2918
2983 >E	Fraser 345kV Voltage	Pre-Fault	10.1	NA	338	2983
2984 >E	Coopers Corners 345kV Voltage	Pre-Fault	12.4	NA	338	2984
2987 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	8.5	327.8	337.8	3268
2987 >E	Pleasant Valley 345kV Voltage	Pre-Fault	36.4	NA	348	2987
2988 >E	New Scotland 345kV Voltage Alps	Marcy South S.	7.8	327.8	345.3	3524
2988 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	7.8	327.8	345.3	3524
2994 >E	Gilboa 345kV Voltage	Pre-Fault	18.7	NA	348	2994
2994 >E	Station 80 345kV Voltage	Marcy South N.	15.9	327.8	345.2	3711
2996 >E	Edic 345kV Voltage	Ravenswood 3	10.0	327.8	329.3	3100
2996 >E	Marcy 345kV Voltage	Ravenswood 3	9.9	327.8	329.0	3101
2998 >E	New Scotland 345kV Voltage Alps	Marcy South N.	13.8	327.8	350.5	3712
2998 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	13.8	327.8	350.5	3712
3002 >E	Edic 345kV Voltage	SBK Princetown 345	10.6	327.8	328.7	2778
3002 >E	Marcy 345kV Voltage	SBK Princetown 345	10.4	327.8	328.5	2778

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3010 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	10.9	327.8	327.8	2968
3010 >E	Marcy 345kV Voltage	SBK Marcy R3108	10.9	327.8	327.8	2877
3010 >E	Marcy 345kV Voltage	SBK Edic R70	10.9	327.8	327.8	3039
3010 >E	Marcy 345kV Voltage	Princeton-N.Scot 345	10.9	327.8	327.8	2998
3010 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	10.9	327.8	327.8	2971
3011 >E	Buchanan South 345kV Voltage	Pre-Fault	43.5	NA	346	3011
3011 >E	Edic 345kV Voltage	N.Scot-Leeds 345	10.9	327.8	327.9	2969
3011 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	11.0	327.8	327.8	2972
3011 >E	Edic 345kV Voltage	Princeton-N.Scot 345	11.0	327.8	327.8	3000
3013 >E	Fraser 345kV Voltage	SBK Marcy R3108	8.8	327.8	335.1	2879
3019 >E	Gilboa 345kV Voltage	Marcy South S.	7.7	327.8	346.7	3546
3020 >E	Clay 345kV Voltage	SBK Marcy R3108	12.9	327.8	338.1	2885
3022 >E	Clay 345kV Voltage	Marcy South S.	9.2	327.8	338.0	3548
3023 >E	Oakdale 345kV Voltage	SBK Marcy R3108	8.1	320	330.2	2888
3029 >E	Oakdale 345kV Voltage	Marcy South S.	6.7	320	329.7	3553
3037 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	9.7	327.8	342.3	3300
3037 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	9.7	327.8	342.3	3300
3039 >E	St.Lawrence 230kV Voltage	Marcy South N.	20.4	218.5	226.8	3725
3041 >E	Pannell Road 345kV Voltage	SBK Edic R945	12.6	327.8	340.6	2187
3041 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	12.6	327.8	340.6	2187
3043 >E	Fraser 345kV Voltage	Ravenswood 3	9.3	327.8	332.0	3147
3046 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	14.8	327.8	333.4	3006
3049 >E	Ramapo 500kV Voltage	Ph2 DC 1500	66.1	500	507.9	3308
3049 >E	Fraser 345kV Voltage	SBK Princeton 345	9.5	327.8	331.4	2821
3055 >E	Coopers Corners 345kV Voltage	Ravenswood 3	11.7	327.8	332.3	3159
3056 >E	Fraser 345kV Voltage	Volney-Marcy	9.0	327.8	330.8	2987
3064 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	13.4	327.8	339.8	3318
3065 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	13.9	327.8	339.8	2131
3067 >E	Oakdale 345kV Voltage	Volney-Marcy	8.3	320	325.7	2998
3073 >E	Coopers Corners 345kV Voltage	SBK Princeton 345	11.7	327.8	330.8	2843
3073 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	9.9	327.8	329.1	3030
3074 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	13.8	327.8	331.5	2929
3077 >E	Fraser 345kV Voltage	Marcy South N.	14.1	327.8	344.6	3737
3079 >E	Oakdale 345kV Voltage	Ravenswood 3	8.8	320	324.4	3182
3080 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	10.0	327.8	328.4	3040
3082 >E	Station 80 345kV Voltage	SBK Edic R945	14.5	327.8	339.5	2207
3082 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	14.5	327.8	339.5	2207

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\F_SVC_OS\Sum2023_CEVC_PH2_30_F_SVC_OS.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3084 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	10.1	327.8	328.0	3072
3085 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	330.8	3041
3087 >E	Clay 345kV Voltage	Volney-Marcy	12.9	327.8	334.3	3017
3088 >E	Gordon Rd 345kV Voltage	Ravenswood 3	14.2	327.8	330.6	3191
3090 >E	Oakdale 345kV Voltage	SBK Princetown 345	9.2	320	323.3	2859
3092 >E	Ramapo 345kV Voltage	Pre-Fault	41.7	NA	346	3092
3093 >E	Station 80 345kV Voltage	Ph2 DC 1500	15.0	327.8	339.1	3337
3094 >E	Edic 345kV Voltage	SBK Edic R70	15.6	327.8	320.3	3122
3096 >E	Coopers Corners 345kV Voltage	Volney-Marcy	11.4	327.8	328.9	3025
3097 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	12.1	327.8	328.9	3053
3103 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	15.1	327.8	329.6	3091
3104 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	12.3	327.8	328.3	3064
3105 >E	St.Lawrence 230kV Voltage	SBK Edic R945	21.8	218.5	225.4	2218
3105 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	21.8	218.5	225.4	2218
3107 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	15.8	327.8	338.6	2150
3108 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	12.3	327.8	328.0	2956
3108 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	12.3	327.8	328.0	3096
3113 >E	Gordon Rd 345kV Voltage	Volney-Marcy	13.9	327.8	329.0	3041
3114 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	9.5	320	320.8	3069
3114 >E	Coopers Corners 345kV Voltage	SBK Edic R70	12.9	327.8	327.5	3143
3116 >E	Gilboa 345kV Voltage	Ph2 DC 1500	11.6	327.8	341.5	3352
3117 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	9.6	320	320.5	3076
3120 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	9.6	320	320.2	3108
3121 >E	St.Lawrence 230kV Voltage	Pre-Fault	42.9	NA	225	3121
3122 >E	Gilboa 345kV Voltage	SBK Edic R945	12.2	327.8	341.1	2227
3122 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	12.2	327.8	341.1	2227
3124 >E	Fraser 345kV Voltage	SBK Edic R70	11.1	327.8	324.1	3152
3133 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	26.0	218.5	224.7	3362
3134 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	12.7	327.8	340.5	2162
3144 >E	Watercure 230kV Voltage	Marcy South N.	20.6	207	229.2	3758
3146 >E	Pannell Road 345kV Voltage	Marcy South S.	15.7	327.8	336.8	3638
3150 >E	Ladentown 345kV Voltage	Pre-Fault	42.2	NA	346	3150
3151 >E	Oakdale 345kV Voltage	SBK Edic R70	10.3	320	316.9	3179
3153 >E	Rock Tavern 345kV Voltage	SBK Edic R945	14.2	327.8	340.5	2242
3153 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	14.2	327.8	340.5	2242
3160 >E	Clay 345kV Voltage	Ravenswood 3	15.9	327.8	330.2	3261
3167 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	14.7	327.8	340.0	2176
3168 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	26.9	218.5	223.9	2177
3171 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	13.0	327.8	334.0	2251

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3171 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	13.0	327.8	334.0	2251
3171 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	13.0	327.8	334.0	2251
3171 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	13.0	327.8	334.0	2251
3175 >E	Leeds 345kV Voltage	Marcy South S.	11.9	327.8	347.4	3658
3176 >E	Gordon Rd 345kV Voltage	SBK Edic R70	16.8	327.8	324.8	3204
3178 >E	Clay 345kV Voltage	SBK Princetown 345	17.0	327.8	329.1	2939
3189 >E	Station 80 345kV Voltage	Marcy South S.	17.7	327.8	335.8	3669
3189 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	13.7	327.8	332.8	2186
3189 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	13.7	327.8	332.8	2186
3192 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	14.0	327.8	332.6	3145
3192 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	14.0	327.8	332.6	3145
3192 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	21.3	327.8	335.1	3025
3198 >E	Clay 345kV Voltage	N.Scot-Leeds 345	17.5	327.8	327.9	3151
3199 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	17.6	327.8	327.9	3158
3200 >E	Clay 345kV Voltage	Princetown-N.Scot 345	17.6	327.8	327.8	3188
3201 >E	Ramapo 500kV Voltage	Marcy South N.	48.4	500	504.7	3777
3202 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	58.8	500	507.5	2266
3202 >E	Ramapo 500kV Voltage	SBK Edic R945	58.8	500	507.5	2266
3213 >E	Roseton 345kV Voltage	Pre-Fault	39.2	NA	345	3213
3213 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	61.3	500	507.4	2197
3217 >E	Gordon Rd 345kV Voltage	SBK Edic R945	15.4	327.8	322.2	2273
3217 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	15.4	327.8	322.2	2273
3223 >E	St.Lawrence 230kV Voltage	Marcy South S.	28.9	218.5	222.6	3693
3229 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	15.3	327.8	330.4	3328
3229 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	15.3	327.8	330.4	3328
3244 >E	Station 80 345kV Voltage	SBK Marcy R3108	23.3	327.8	333.9	3068
3248 >E	Leeds 345kV Voltage	Pre-Fault	30.2	NA	345	3248
3250 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	15.1	327.8	329.0	3168
3250 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	15.1	327.8	329.0	3168
3250 >E	Pannell Road 345kV Voltage	Volney-Marcy	21.2	327.8	333.0	3169
3254 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	15.8	327.8	328.8	3076
3254 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	15.8	327.8	328.8	3076
3260 >E	Bowline 1 345kV Voltage	Pre-Fault	42.2	NA	345	3260
3270 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	16.1	327.8	327.8	3258
3270 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	16.1	327.8	327.8	3258
3273 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	16.1	327.8	327.6	3230
3273 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	16.1	327.8	327.6	3230
3278 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	18.8	327.8	335.6	3456

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3279 >E	Bowline 2 345kV Voltage	Pre-Fault	42.1	NA	345	3279
3290 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	16.9	327.8	326.6	3317
3290 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	16.9	327.8	326.6	3317
3291 >E	Clay 345kV Voltage	SBK Edic R70	21.8	327.8	322.7	3319
3291 >E	Station 80 345kV Voltage	Volney-Marcy	23.0	327.8	332.3	3206
3291 >E	Pleasant Valley 345kV Voltage	Marcy South S.	21.1	327.8	339.6	3742
3301 >E	Gilboa 345kV Voltage	SBK Marcy R3108	17.1	327.8	331.6	3114
3304 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	38.3	218.5	220.7	3117
3304 >E	St.Lawrence 230kV Voltage	Volney-Marcy	36.0	218.5	220.7	3219
3316 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	16.0	327.8	324.9	3065
3316 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	16.0	327.8	324.9	3065
3319 >E	Gilboa 345kV Voltage	Ravenswood 3	17.6	327.8	330.6	3417
3324 >E	Pannell Road 345kV Voltage	Ravenswood 3	24.5	327.8	330.3	3421
3328 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	17.6	327.8	330.1	3277
3331 >E	Gilboa 345kV Voltage	Volney-Marcy	17.3	327.8	330.0	3244
3333 >E	Gilboa 345kV Voltage	Marcy South N.	22.0	327.8	347.6	3819
3337 >E	Dunwoodie 345kV Voltage	Ravenswood 3	43.8	327.8	335.7	3434
3337 >E	St.Lawrence 230kV Voltage	SBK Edic R70	37.3	218.5	220.0	3365
3340 >E	Sprain Brook 345kV Voltage	Ravenswood 3	43.7	327.8	335.7	3437
3345 >E	Gilboa 345kV Voltage	SBK Princetown 345	17.8	327.8	329.2	3091
3348 >E	Station 80 345kV Voltage	Ravenswood 3	25.9	327.8	330.3	3445
3350 >E	St.Lawrence 230kV Voltage	Ravenswood 3	40.0	218.5	219.7	3447
3363 >E	Buchanan North 345kV Voltage	SBK Edic R945	28.5	327.8	335.7	2345
3363 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	28.5	327.8	335.7	2345
3366 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	18.6	327.8	328.1	3322
3369 >E	Pannell Road 345kV Voltage	SBK Princetown 345	26.8	327.8	328.7	3113
3370 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	18.7	327.8	327.9	3357
3376 >E	Rock Tavern 345kV Voltage	Ravenswood 3	24.8	327.8	331.8	3472
3384 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	29.4	327.8	335.3	2273
3391 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	42.0	218.5	218.7	3133
3391 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	27.4	327.8	327.9	3338
3393 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	27.5	327.8	327.8	3348
3393 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	31.0	327.8	335.0	3530
3393 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	27.5	327.8	327.8	3380
3396 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	24.0	327.8	336.8	3532
3400 >E	Station 80 345kV Voltage	SBK Princetown 345	28.2	327.8	328.5	3141
3400 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	42.9	218.5	218.5	3387
3401 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	43.0	218.5	218.5	3356

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3401 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	43.0	218.5	218.5	3348
3408 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	25.2	327.8	338.4	2367
3408 >E	Ramapo 345kV Voltage	SBK Edic R945	25.2	327.8	338.4	2367
3408 >E	Leeds 345kV Voltage	Ph2 DC 1500	19.1	327.8	339.7	3540
3413 >E	Gilboa 345kV Voltage	SBK Edic R70	19.8	327.8	325.6	3440
3417 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	28.7	327.8	327.9	3363
3418 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	28.7	327.8	327.8	3373
3418 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	28.7	327.8	327.8	3405
3419 >E	Somerset 345kV Voltage	Marcy South N.	28.5	327.8	348.2	3847
3419 >E	Millwood 345kV Voltage	Ravenswood 3	39.3	327.8	335.1	3515
3419 >E	Buchanan North 345kV Voltage	Ravenswood 3	40.6	327.8	334.5	3515
3430 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	26.0	327.8	337.9	2293
3441 >E	Millwood 345kV Voltage	Ph2 DC 1500	30.6	327.8	334.6	3561
3446 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	24.6	327.8	329.0	3183
3450 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	35.6	327.8	333.5	3567
3452 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	35.8	327.8	333.4	3568
3458 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	24.9	327.8	328.5	3404
3459 >E	Rock Tavern 345kV Voltage	Volney-Marcy	24.4	327.8	328.5	3363
3469 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	30.1	327.8	335.5	3579
3472 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	25.3	327.8	328.0	3426
3474 >E	Ladentown 345kV Voltage	SBK Edic R945	26.3	327.8	338.3	2400
3474 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	26.3	327.8	338.3	2400
3475 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	25.4	327.8	327.9	3462
3477 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	29.8	327.8	335.3	2401
3477 >E	Buchanan South 345kV Voltage	SBK Edic R945	29.8	327.8	335.3	2401
3482 >E	Millwood 345kV Voltage	SBK Edic R945	31.9	327.8	333.7	2404
3482 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	31.9	327.8	333.7	2404
3488 >E	Rock Tavern 345kV Voltage	SBK Edic R70	26.1	327.8	327.4	3516
3490 >E	Sprain Brook 345kV Voltage	SBK Edic R945	37.3	327.8	332.7	2408
3491 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	37.3	327.8	332.7	2408
3491 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	25.8	327.8	327.3	3269
3494 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	37.7	327.8	332.6	2410
3494 >E	Dunwoodie 345kV Voltage	SBK Edic R945	37.7	327.8	332.6	2410
3494 >E	Buchanan South 345kV Voltage	Ravenswood 3	39.3	327.8	334.9	3588
3496 >E	Pannell Road 345kV Voltage	SBK Edic R70	32.5	327.8	324.1	3523
3499 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	27.2	327.8	337.7	2324
3500 >E	Ramapo 345kV Voltage	Ph2 DC 1500	29.6	327.8	336.2	3599
3502 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	30.7	327.8	334.7	2325
3502 >E	Station 80 345kV Voltage	SBK Edic R70	32.9	327.8	324.9	3530

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3508 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	33.0	327.8	333.1	2328
3514 >E	Somerset 345kV Voltage	Ph2 DC 1500	28.5	327.8	342.0	3608
3514 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	26.2	327.8	339.0	2420
3514 >E	Bowline 1 345kV Voltage	SBK Edic R945	26.2	327.8	339.0	2420
3518 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	38.5	327.8	332.2	2332
3521 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	38.9	327.8	332.1	2334
3526 >E	Bowline 2 345kV Voltage	SBK Edic R945	26.2	327.8	339.1	2426
3526 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	26.2	327.8	339.1	2426
3541 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	27.1	327.8	338.4	2342
3541 >E	Ladentown 345kV Voltage	Ph2 DC 1500	29.6	327.8	336.7	3626
3542 >E	Roseton 345kV Voltage	Ph2 DC 1500	27.3	327.8	336.6	3626
3542 >E	Somerset 345kV Voltage	SBK Edic R945	28.9	327.8	341.5	2434
3542 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	28.9	327.8	341.5	2434
3543 >E	Watercure 230kV Voltage	SBK Edic R945	33.7	207	232.6	2434
3543 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	33.7	207	232.6	2434
3547 >E	Roseton 345kV Voltage	SBK Edic R945	27.2	327.8	336.5	2436
3547 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	27.2	327.8	336.5	2436
3553 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	27.1	327.8	338.5	2348
3553 >E	Watercure 230kV Voltage	Ph2 DC 1500	32.9	207	232.6	3634
3572 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	34.5	327.8	331.9	3664
3573 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	28.0	327.8	335.8	2357
3589 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	29.6	327.8	337.2	3656
3589 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	30.4	327.8	331.5	2457
3589 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	30.4	327.8	331.5	2457
3602 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	29.5	327.8	337.3	3665
3609 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	31.6	327.8	340.3	2373
3618 >E	Millwood 345kV Voltage	Marcy South S.	38.0	327.8	330.7	3978
3618 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	31.3	327.8	330.7	2377
3618 >E	Dunwoodie 345kV Voltage	Marcy South S.	44.0	327.8	330.2	3978
3627 >E	Sprain Brook 345kV Voltage	Marcy South S.	44.1	327.8	330.0	3984
3628 >E	Ramapo 345kV Voltage	Ravenswood 3	39.6	327.8	333.2	3719
3657 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	39.1	207	232.7	2394
3658 >E	Roseton 345kV Voltage	Marcy South S.	30.3	327.8	333.7	4007
3659 >E	Ladentown 345kV Voltage	Ravenswood 3	39.4	327.8	333.9	3749
3681 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	35.0	327.8	328.9	3620
3682 >E	Leeds 345kV Voltage	Marcy South N.	32.0	327.8	350.9	3931
3688 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	43.5	327.8	328.4	3626
3700 >E	Buchanan North 345kV Voltage	Volney-Marcy	43.5	327.8	328.2	3588
3701 >E	Buchanan North 345kV Voltage	SBK Princetown 345	43.9	327.8	328.1	3415
3711 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	49.9	327.8	328.4	3649
3712 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	49.6	327.8	328.4	3650

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\F_SVC_OS\Sum2023_CEVC_PH2_30_F_SVC_OS.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3713 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	42.9	327.8	328.5	3651
3714 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	44.6	327.8	327.9	3664
3715 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	44.6	327.8	327.8	3701
3718 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	35.9	327.8	327.9	3605
3723 >E	Bowline 1 345kV Voltage	Ravenswood 3	39.4	327.8	334.0	3812
3723 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	36.4	327.8	327.8	3709
3726 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	36.5	327.8	327.7	3677
3731 >E	Buchanan North 345kV Voltage	SBK Edic R70	45.6	327.8	327.5	3758
3734 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	37.0	327.8	327.5	3761
3738 >E	Dunwoodie 345kV Voltage	Volney-Marcy	50.6	327.8	327.8	3623
3738 >E	Sprain Brook 345kV Voltage	Volney-Marcy	50.4	327.8	327.8	3624
3738 >E	Millwood 345kV Voltage	Volney-Marcy	43.5	327.8	327.9	3624
3739 >E	Roseton 345kV Voltage	Ravenswood 3	37.5	327.8	331.6	3827
3740 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	45.5	327.8	327.3	3471
3740 >E	Bowline 2 345kV Voltage	Ravenswood 3	39.3	327.8	334.1	3828
3740 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	51.3	327.8	327.8	3725
3741 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	51.1	327.8	327.8	3726
3741 >E	Somerset 345kV Voltage	Pre-Fault	56.8	NA	338	3741
3741 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	51.3	327.8	327.8	3691
3742 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	51.1	327.8	327.8	3692
3744 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	44.2	327.8	327.8	3729
3745 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	44.2	327.8	327.8	3695
3745 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	37.1	327.8	327.2	3476
3749 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	36.7	327.8	327.1	3459
3750 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	51.2	327.8	327.6	3460
3750 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	50.9	327.8	327.6	3460
3750 >E	Dunwoodie 345kV Voltage	SBK Edic R70	52.1	327.8	327.6	3777
3752 >E	Millwood 345kV Voltage	SBK Princetown 345	44.1	327.8	327.6	3461
3752 >E	Sprain Brook 345kV Voltage	SBK Edic R70	51.9	327.8	327.6	3779
3756 >E	Millwood 345kV Voltage	SBK Edic R70	45.0	327.8	327.5	3783
3766 >E	Somerset 345kV Voltage	Marcy South S.	35.9	327.8	337.6	4085
3767 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	30.2	327.8	327.8	2544
3767 >E	Leeds 345kV Voltage	SBK Marcy R3108	30.2	327.8	327.8	3494
3767 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	30.2	327.8	327.8	2443
3767 >E	Leeds 345kV Voltage	SBK Edic R945	30.2	327.8	327.8	2544
3767 >E	Leeds 345kV Voltage	Volney-Marcy	30.2	327.8	327.8	3651

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3767 >E	Leeds 345kV Voltage	SBK Edic R70	30.2	327.8	327.8	3794
3767 >E	Leeds 345kV Voltage	SBK Princetown 345	30.2	327.8	327.8	3475
3767 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	30.2	327.8	327.8	3752
3767 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	30.2	327.8	327.8	3703
3767 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	30.2	327.8	327.8	3717
3767 >E	Leeds 345kV Voltage	Ravenswood 3	30.2	327.8	327.8	3855
3770 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	42.3	327.8	328.5	3706
3777 >E	Millwood 345kV Voltage	SBK Marcy R3108	45.4	327.8	327.1	3502
3777 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	52.8	327.8	327.1	3502
3778 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	52.5	327.8	327.1	3503
3791 >E	Buchanan South 345kV Voltage	Volney-Marcy	42.6	327.8	328.1	3673
3800 >E	Buchanan South 345kV Voltage	SBK Princetown 345	43.1	327.8	327.9	3505
3802 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	43.5	327.8	327.8	3751
3802 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	43.5	327.8	327.8	3787
3817 >E	Buchanan South 345kV Voltage	Marcy South S.	42.8	327.8	327.5	4121
3817 >E	Buchanan South 345kV Voltage	SBK Edic R70	44.3	327.8	327.5	3844
3822 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	40.7	327.8	328.5	3756
3824 >E	Ramapo 345kV Voltage	SBK Princetown 345	40.8	327.8	328.5	3527
3828 >E	Ramapo 345kV Voltage	Volney-Marcy	40.5	327.8	328.4	3707
3833 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	44.5	327.8	327.1	3547
3848 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	41.6	327.8	327.9	3796
3851 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	41.7	327.8	327.8	3835
3859 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	38.3	327.8	328.5	3792
3870 >E	Coopers Corners 345kV Voltage	Marcy South N.	36.4	327.8	332.5	3992
3871 >E	Ramapo 345kV Voltage	SBK Edic R70	42.7	327.8	327.3	3898
3871 >E	Roseton 345kV Voltage	Volney-Marcy	38.3	327.8	328.2	3748
3876 >E	Ramapo 345kV Voltage	SBK Marcy R3108	42.6	327.8	327.2	3583
3881 >E	Roseton 345kV Voltage	SBK Princetown 345	38.8	327.8	327.9	3579
3884 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	41.1	327.8	328.6	3817
3886 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	39.2	327.8	327.8	3834
3887 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	39.2	327.8	327.8	3871
3895 >E	Ladentown 345kV Voltage	Volney-Marcy	41.0	327.8	328.3	3770
3895 >E	Ladentown 345kV Voltage	SBK Princetown 345	41.4	327.8	328.3	3592
3903 >E	Roseton 345kV Voltage	SBK Edic R70	39.9	327.8	327.4	3929
3912 >E	Roseton 345kV Voltage	SBK Marcy R3108	39.9	327.8	327.2	3612
3915 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	42.1	327.8	327.9	3862

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3917 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	42.2	327.8	327.8	3901
3938 >E	Ladentown 345kV Voltage	SBK Edic R70	43.1	327.8	327.3	3964
3943 >E	Buchanan North 345kV Voltage	Marcy South S.	51.1	327.8	322.7	4213
3945 >E	Ladentown 345kV Voltage	SBK Marcy R3108	43.0	327.8	327.2	3639
3950 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	41.1	327.8	328.6	3881
3960 >E	Bowline 1 345kV Voltage	Volney-Marcy	41.0	327.8	328.4	3831
3961 >E	Bowline 1 345kV Voltage	SBK Princetown 345	41.4	327.8	328.4	3652
3968 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	41.0	327.8	328.6	3898
3978 >E	Bowline 2 345kV Voltage	Volney-Marcy	40.9	327.8	328.4	3847
3979 >E	Bowline 2 345kV Voltage	SBK Princetown 345	41.3	327.8	328.4	3669
3982 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	42.1	327.8	327.9	3928
3984 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	42.1	327.8	327.8	3968
4000 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	42.0	327.8	327.9	3946
4002 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	42.1	327.8	327.8	3986
4007 >E	Bowline 1 345kV Voltage	SBK Edic R70	43.1	327.8	327.3	4033
4014 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	43.0	327.8	327.1	3695
4021 >E	Rock Tavern 345kV Voltage	Marcy South S.	37.7	327.8	306.4	4268
4025 >E	Bowline 2 345kV Voltage	SBK Edic R70	43.1	327.8	327.3	4051
4030 >E	Somerset 345kV Voltage	SBK Marcy R3108	48.0	327.8	332.9	3708
4031 >E	Somerset 345kV Voltage	Volney-Marcy	46.1	327.8	332.9	3897
4032 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	43.0	327.8	327.1	3710
4085 >E	Coopers Corners 345kV Voltage	Marcy South S.	30.1	327.8	248.9	4315
4124 >E	Somerset 345kV Voltage	Ravenswood 3	50.4	327.8	331.3	4203
4132 >E	Ramapo 500kV Voltage	Marcy South S.	158.5	500	504.9	4349
4275 >E	Niagara 230kV East Voltage	Marcy South N.	102.2	218.5	230.9	4122
4275 >E	Niagara 230kV West Voltage	Marcy South N.	102.2	218.5	230.9	4122
4284 >E	Niagara 345kV Voltage	Marcy South N.	52.2	327.8	350.9	4125
4300 >E	Somerset 345kV Voltage	SBK Princetown 345	56.4	327.8	328.2	3961
4322 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	56.9	327.8	327.8	4242
4322 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	56.9	327.8	327.8	4305
4325 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	57.1	327.8	327.7	4267
4388 >E	Pleasant Valley 345kV Voltage	Marcy South N.	72.7	327.8	348.4	4158
4416 >E	Ramapo 345kV Voltage	Marcy South S.	58.5	327.8	314.3	4553
4443 >E	Ladentown 345kV Voltage	Marcy South S.	58.4	327.8	315.4	4573
4478 >E	Ramapo 500kV Voltage	Ravenswood 3	440.3	500	503.9	4550
4519 >E	Somerset 345kV Voltage	SBK Edic R70	64.8	327.8	324.3	4544
4717 >E	Bowline 1 345kV Voltage	Marcy South S.	64.9	327.8	310.4	4771
4731 >E	Bowline 2 345kV Voltage	Marcy South S.	64.4	327.8	310.5	4781

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4745 >E	Niagara 345kV Voltage	Ph2 DC 1500	65.5	327.8	346.0	4402
4866 >E	Ramapo 500kV Voltage	Volney-Marcy	241.0	500	502.9	4676
4930 >E	Niagara 345kV Voltage	SBK Edic R945	70.4	327.8	344.8	3117
4930 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	70.4	327.8	344.8	3117
4941 >E	Gardenville 230kV Voltage	Marcy South N.	85.0	207	231.7	4335
4981 >E	Watercure 230kV Voltage	Marcy South S.	84.4	207	233.1	4961
4998 >E	Ramapo 500kV Voltage	SBK Marcy R3108	263.8	500	502.5	4497
5089 >E	Rainey 345kV Voltage	Ravenswood 3	107.6	327.8	341.5	5148
5140 >E	Ramapo 500kV Voltage	SBK Princetown 345	282.4	500	502.1	4726
5152 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	77.9	327.8	343.3	3058
5158 >E	Buchanan North 345kV Voltage	Marcy South N.	116.1	327.8	341.1	4405
5221 >E	Farragut 345kV Voltage	Ravenswood 3	113.5	327.8	340.8	5276
5348 >E	Rock Tavern 345kV Voltage	Marcy South N.	91.7	327.8	342.6	4466
5406 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	309.2	500	501.4	5294
5410 >E	Roseton 345kV Voltage	Marcy South N.	98.8	327.8	348.4	4486
5551 >E	Niagara 230kV East Voltage	Ph2 DC 1500	183.0	218.5	230.3	4922
5551 >E	Niagara 230kV West Voltage	Ph2 DC 1500	183.0	218.5	230.3	4922
5609 >E	Niagara 345kV Voltage	Marcy South S.	91.0	327.8	340.4	5414
5667 >E	Ramapo 345kV Voltage	Marcy South N.	113.3	327.8	344.0	4569
5687 >E	Rainey 345kV Voltage	Pre-Fault	171.1	NA	338	5687
5713 >E	Farragut 345kV Voltage	Pre-Fault	178.4	NA	338	5713
5778 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	349.5	500	500.3	5697
5833 >E	Millwood 345kV Voltage	Marcy South N.	151.1	327.8	347.1	4622
5842 >E	Buchanan South 345kV Voltage	Marcy South N.	137.5	327.8	346.1	4625
5862 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	357.5	500	500.1	5838
5893 >E	Rainey 345kV Voltage	Ph2 DC 1500	114.7	327.8	336.8	5142
5893 >E	Ramapo 500kV Voltage	Pre-Fault	360.1	NA	500	5893
5944 >E	Farragut 345kV Voltage	Ph2 DC 1500	119.0	327.8	336.7	5175
5977 >E	Niagara 345kV Voltage	Pre-Fault	154.3	NA	338	5977
6121 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	122.5	327.8	335.5	3704
6122 >E	Rainey 345kV Voltage	SBK Edic R945	122.6	327.8	335.5	3705
6153 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	220.3	218.5	229.5	3720
6153 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	220.3	218.5	229.5	3720
6154 >E	Ladentown 345kV Voltage	Marcy South N.	127.8	327.8	345.1	4725
6154 >E	Niagara 230kV East Voltage	SBK Edic R945	220.3	218.5	229.5	3720
6154 >E	Niagara 230kV West Voltage	SBK Edic R945	220.3	218.5	229.5	3720
6181 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	127.3	327.8	335.4	3734
6181 >E	Farragut 345kV Voltage	SBK Edic R945	127.3	327.8	335.4	3734
6189 >E	Goethals 345kV Voltage	Ravenswood 3	151.8	327.8	340.0	6223
6237 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	126.6	327.8	334.8	3541

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6299 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	131.5	327.8	334.7	3568
6316 >E	Sprain Brook 345kV Voltage	Marcy South N.	201.3	327.8	346.2	4777
6363 >E	Watercure 230kV Voltage	SBK Marcy R3108	153.6	207	233.6	5610
6392 >E	Dunwoodie 345kV Voltage	Marcy South N.	207.2	327.8	346.5	4801
6511 >E	Niagara 345kV Voltage	Volney-Marcy	120.5	327.8	334.5	6211
6639 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	252.5	218.5	228.9	3719
6639 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	252.5	218.5	228.9	3719
6671 >E	Goethals 345kV Voltage	Pre-Fault	243.7	NA	338	6671
6716 >E	Bowline 1 345kV Voltage	Marcy South N.	140.8	327.8	345.5	4905
6752 >E	Ramapo 500kV Voltage	SBK Edic R70	463.2	500	497.6	6772
6754 >E	Bowline 2 345kV Voltage	Marcy South N.	140.1	327.8	346.6	4918
6759 >E	Niagara 345kV Voltage	SBK Marcy R3108	130.4	327.8	332.9	5933
6760 >E	Rainey 345kV Voltage	Marcy South S.	145.7	327.8	331.7	6244
6822 >E	Niagara 345kV Voltage	Ravenswood 3	132.2	327.8	332.5	6842
6839 >E	Farragut 345kV Voltage	Marcy South S.	151.6	327.8	331.7	6300
6893 >E	Goethals 345kV Voltage	Ph2 DC 1500	157.4	327.8	337.1	5787
7253 >E	Watercure 230kV Voltage	Volney-Marcy	179.3	207	233.9	6903
7287 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	171.8	327.8	335.5	4279
7287 >E	Goethals 345kV Voltage	SBK Edic R945	171.8	327.8	335.5	4278
7293 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	166.1	327.8	328.6	7126
7385 >E	Rainey 345kV Voltage	Volney-Marcy	168.9	327.8	328.1	7025
7388 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	173.0	327.8	328.6	7218
7432 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	171.1	327.8	327.8	7400
7435 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	171.2	327.8	327.8	7329
7439 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	177.4	327.8	334.8	4075
7441 >E	Rainey 345kV Voltage	SBK Princetown 345	170.9	327.8	327.7	6822
7485 >E	Farragut 345kV Voltage	Volney-Marcy	176.2	327.8	328.1	7119
7505 >E	Rainey 345kV Voltage	SBK Edic R70	174.0	327.8	327.4	7524
7521 >E	Niagara 345kV Voltage	SBK Princetown 345	153.7	327.8	328.0	6895
7531 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	178.3	327.8	327.8	7499
7535 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	178.4	327.8	327.8	7427
7538 >E	Farragut 345kV Voltage	SBK Princetown 345	178.1	327.8	327.8	6911
7560 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	154.7	327.8	327.7	7527
7568 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	155.0	327.8	327.7	7393
7581 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	155.4	327.8	327.6	7472
7595 >E	Rainey 345kV Voltage	SBK Marcy R3108	176.7	327.8	326.8	6615
7608 >E	Farragut 345kV Voltage	SBK Edic R70	181.4	327.8	327.4	7626
7698 >E	Farragut 345kV Voltage	SBK Marcy R3108	184.2	327.8	326.9	6698

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\F_SVC_OS\Sum2023_CEVC_PH2_30_F_SVC_OS.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7758 >E	Niagara 230kV East Voltage	Marcy South S.	320.1	218.5	227.4	6963
7758 >E	Niagara 230kV West Voltage	Marcy South S.	320.1	218.5	227.4	6963
7908 >E	Watercure 230kV Voltage	Ravenswood 3	207.6	207	234.1	7904
8194 >E	Goethals 345kV Voltage	Marcy South S.	206.1	327.8	331.8	7278
8364 >E	Niagara 345kV Voltage	SBK Edic R70	181.6	327.8	322.5	8380
8958 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	236.2	327.8	328.6	8743
9094 >E	Goethals 345kV Voltage	Volney-Marcy	240.9	327.8	328.1	8620
9157 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	243.7	327.8	327.8	9117
9162 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	243.9	327.8	327.8	9029
9167 >E	Goethals 345kV Voltage	SBK Princetown 345	243.6	327.8	327.8	8395
9265 >E	Goethals 345kV Voltage	SBK Edic R70	248.1	327.8	327.4	9279
9385 >E	Goethals 345kV Voltage	SBK Marcy R3108	252.0	327.8	326.9	8074
9536 >E	Niagara 230kV East Voltage	Pre-Fault	749.1	NA	225	9536
9536 >E	Niagara 230kV West Voltage	Pre-Fault	749.1	NA	225	9536
10323 >E	Niagara 230kV East Voltage	Volney-Marcy	485.3	218.5	223.9	9766
10323 >E	Niagara 230kV West Voltage	Volney-Marcy	485.3	218.5	223.9	9766
11369 >E	Niagara 230kV East Voltage	Ravenswood 3	559.2	218.5	222.6	11288
11369 >E	Niagara 230kV West Voltage	Ravenswood 3	559.2	218.5	222.6	11288
11551 >E	Niagara 230kV East Voltage	SBK Marcy R3108	571.4	218.5	222.3	9840
11551 >E	Niagara 230kV West Voltage	SBK Marcy R3108	571.4	218.5	222.3	9840
13250 >E	Northport 138kV Voltage	Pre-Fault	1173.7	NA	135	13250
14330 >E	Niagara 230kV East Voltage	SBK Princetown 345	746.3	218.5	218.6	13098
14330 >E	Niagara 230kV West Voltage	SBK Princetown 345	746.3	218.5	218.6	13098
14459 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	752.7	218.5	218.4	14395
14459 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	752.7	218.5	218.4	14395
14511 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	756.4	218.5	218.4	14133
14511 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	756.4	218.5	218.4	14133

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
14568 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	760.1	218.5	218.3	14353
14568 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	760.1	218.5	218.3	14353
14594 >E	Northport 138kV Voltage	Ph2 DC 1500	923.2	131.1	133.9	10753
14656 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	925.4	131.1	133.8	7909
14656 >E	Northport 138kV Voltage	SBK Edic R945	925.4	131.1	133.8	7908
14993 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	951.2	131.1	133.5	7432
15068 >E	Northport 138kV Voltage	Ravenswood 3	978.6	131.1	133.5	14904
15750 >E	Northport 138kV Voltage	Marcy South S.	1011.4	131.1	132.9	12727
17451 >E	Northport 138kV Voltage	N.Scot-Leeds 345	1144.5	131.1	131.4	16987
17770 >E	Northport 138kV Voltage	Volney-Marcy	1168.4	131.1	131.1	16712
17816 >E	Northport 138kV Voltage	SBK Princetown 345	1171.9	131.1	131.1	16274
17850 >E	Northport 138kV Voltage	Princetown-N.Scot 345	1175.5	131.1	131.1	17770
17851 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	1175.5	131.1	131.1	17586
18006 >E	Northport 138kV Voltage	SBK Edic R70	1187.9	131.1	130.9	18000
18350 >E	Northport 138kV Voltage	SBK Marcy R3108	1213.7	131.1	130.7	15383
19008 >E	Farragut 345kV Voltage	Marcy South N.	616.9	327.8	356.7	8852
19038 >E	Rainey 345kV Voltage	Marcy South N.	605.8	327.8	357.2	8861
19183 >E	Niagara 230kV East Voltage	SBK Edic R70	1062.2	218.5	212.1	19175
19183 >E	Niagara 230kV West Voltage	SBK Edic R70	1062.2	218.5	212.1	19175
24984 >E	Goethals 345kV Voltage	Marcy South N.	856.6	327.8	359.3	10770
28439	Watercure 230kV Voltage	SBK Princetown 345	1039.6	207	241.1	25952

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
90734	Gardenville 230kV Voltage	Ph2 DC 1500	3248.4	207	773.2	59853
>E						
99998	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
>E						
99998	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R945	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Voltage Contingency Analysis Procedure (VCAP)

03-02-2023 13:46

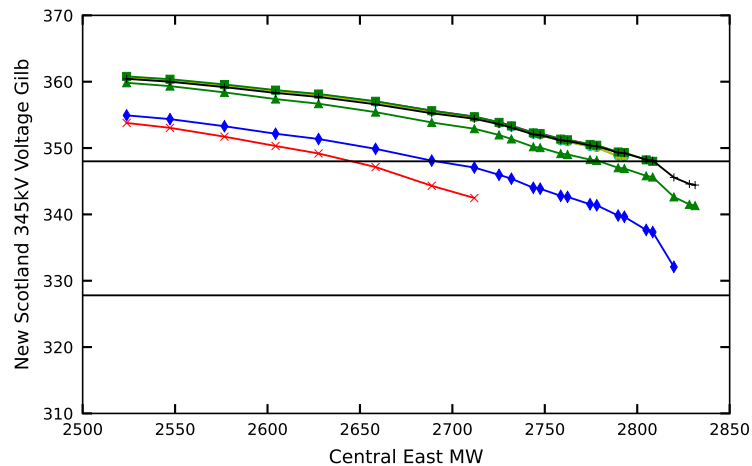
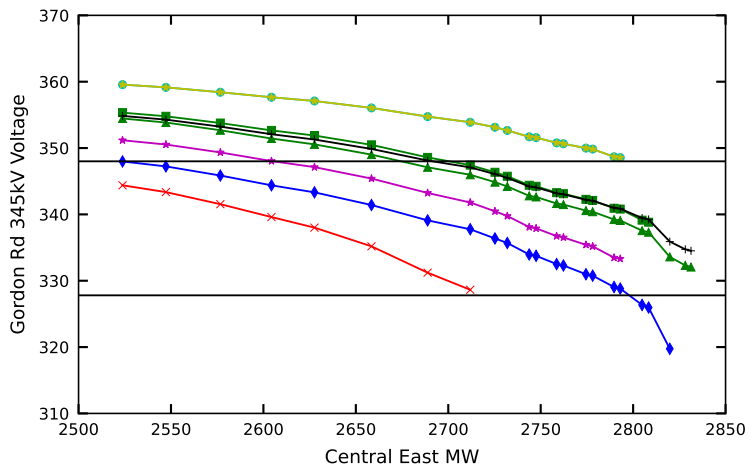
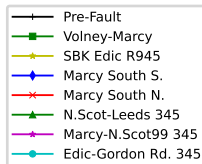
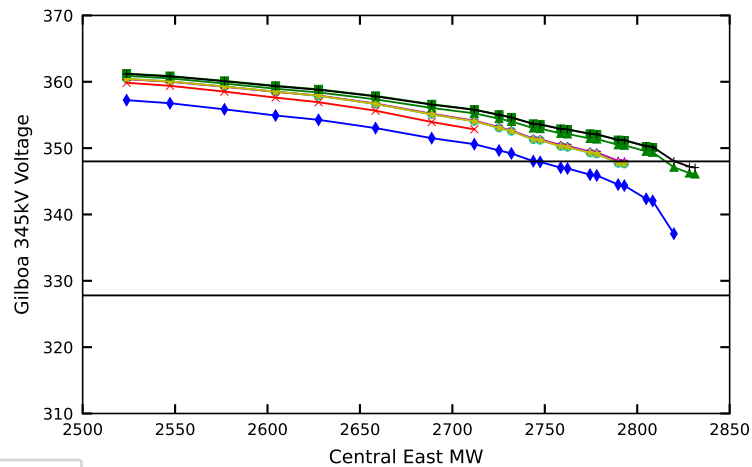
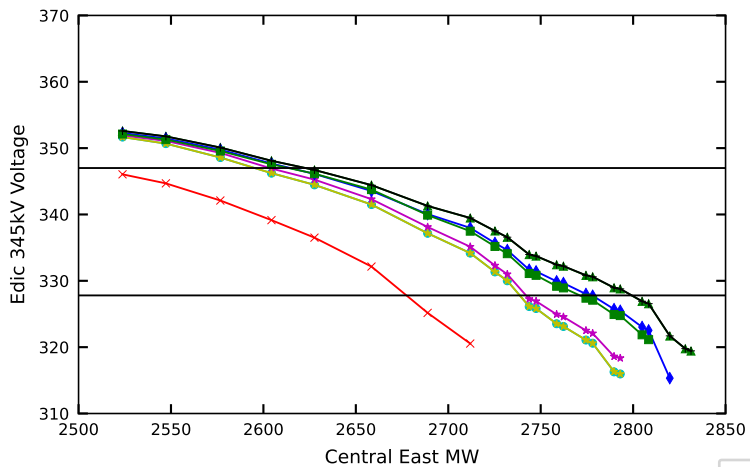
Interface: Central East

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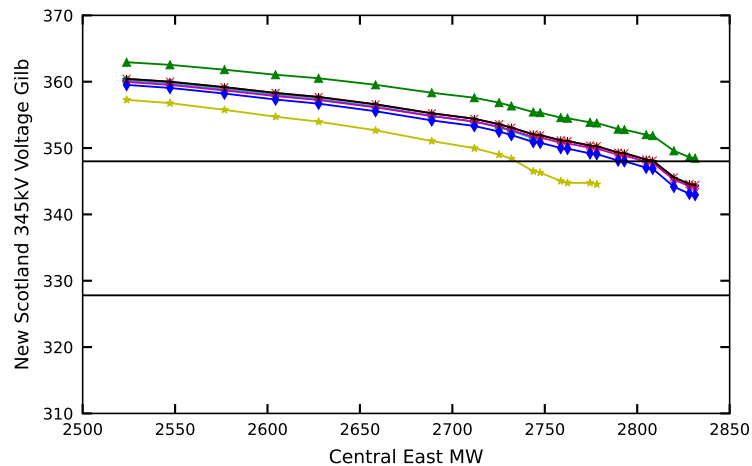
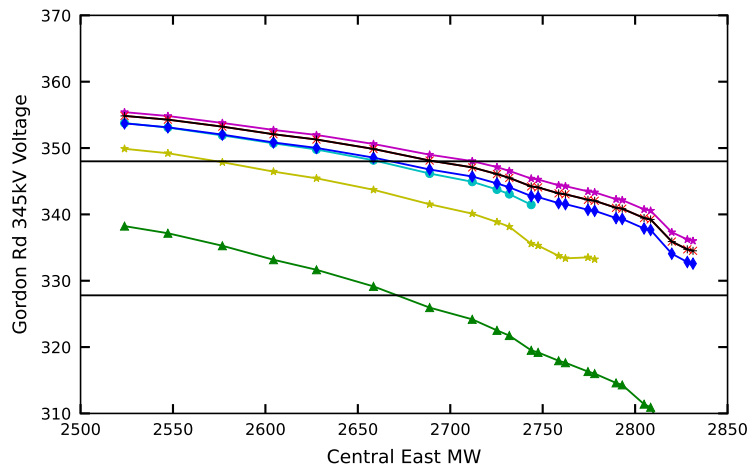
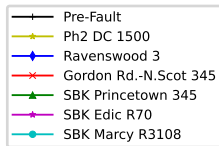
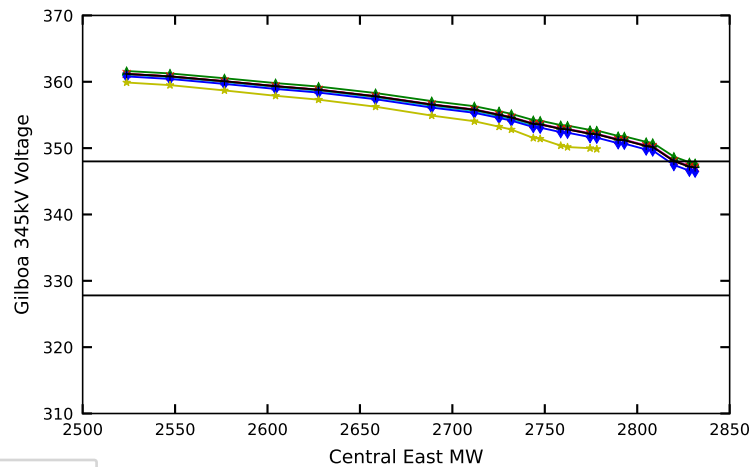
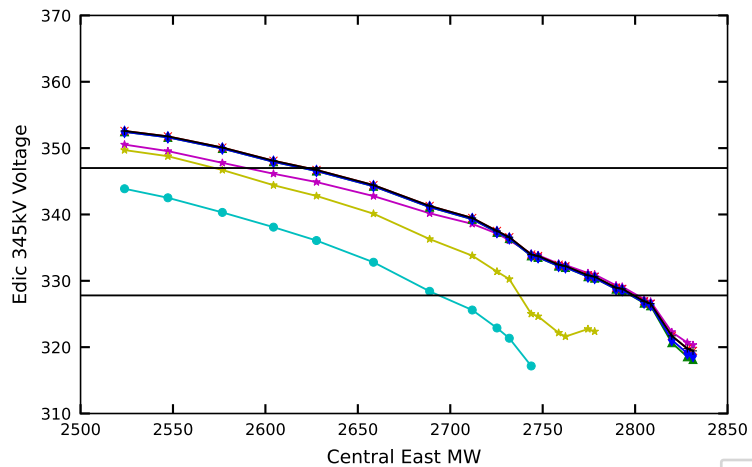
1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 F_SVC_OS

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
<E Indicates limit was below first point available - EXTRAPOLATED !

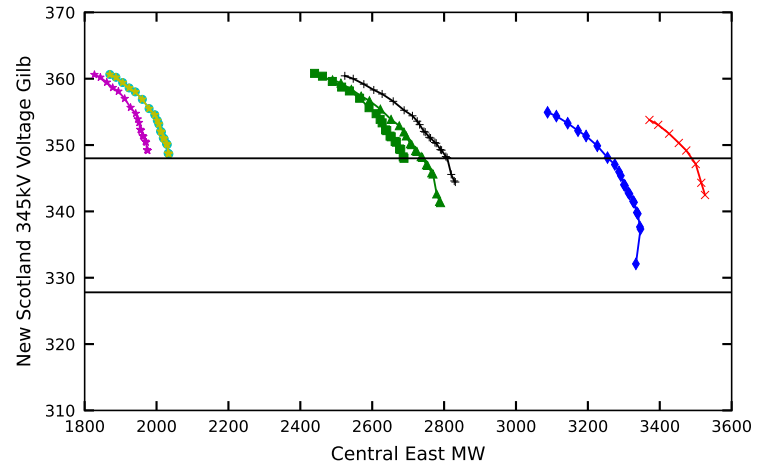
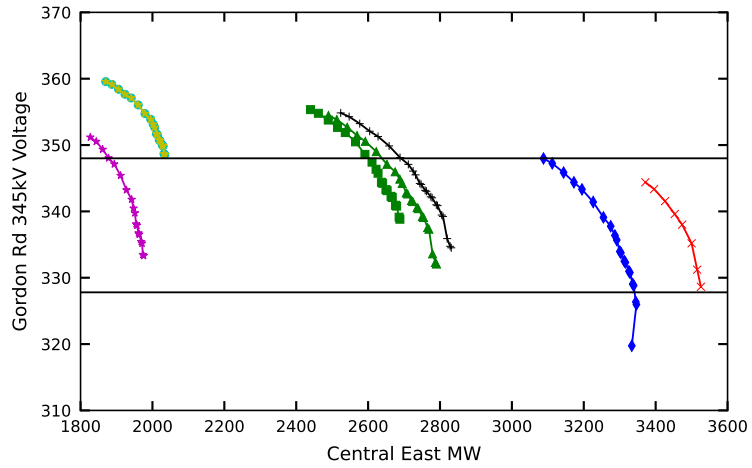
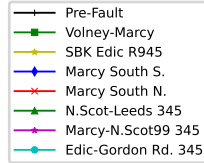
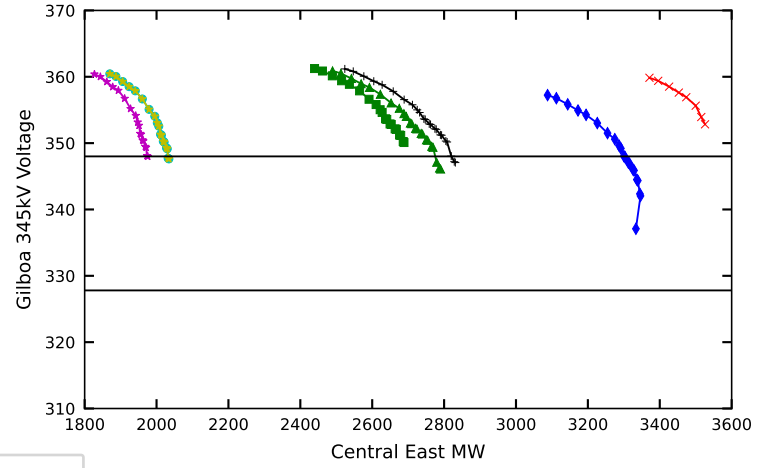
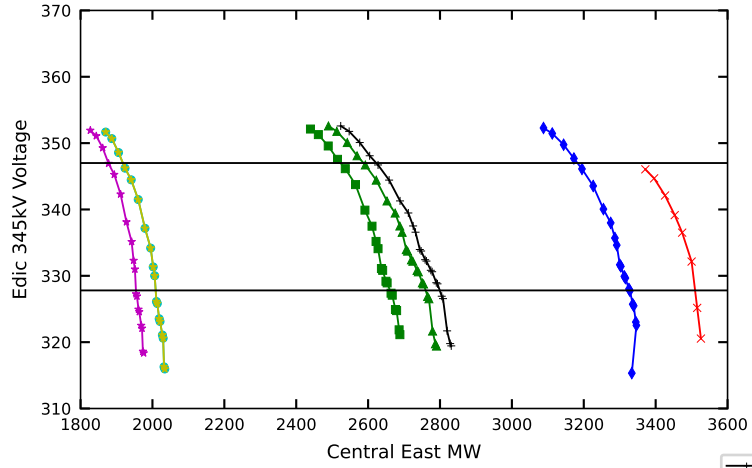
1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS Figure 1



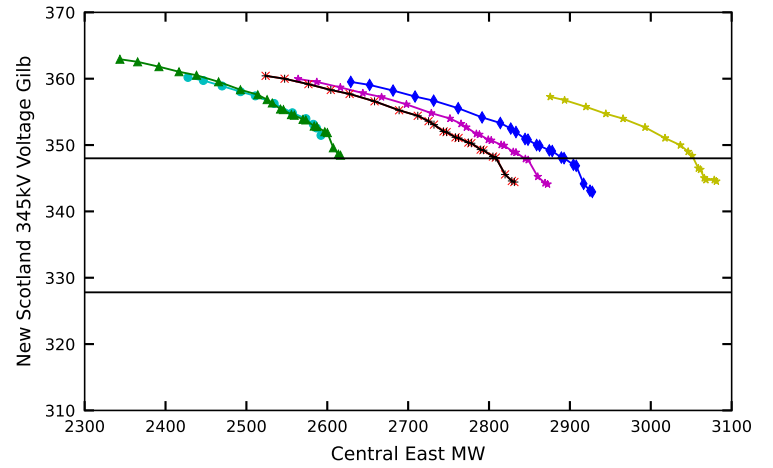
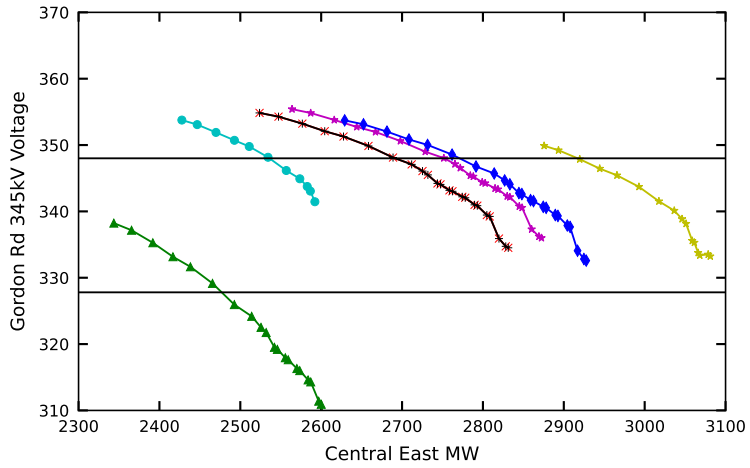
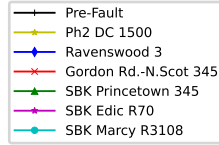
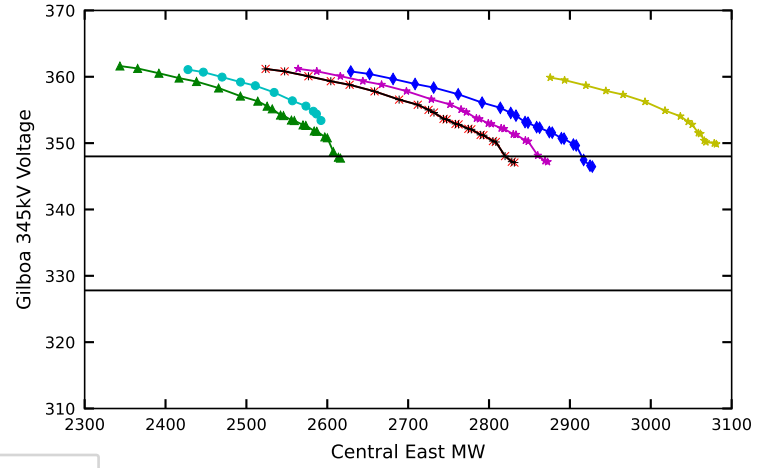
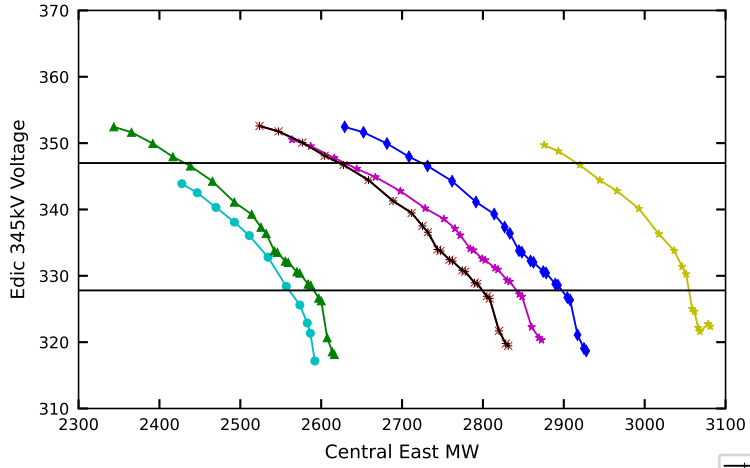
1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS Figure 2



1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS Figure 1



1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\FE1_OS\Sum2023_CEVC_PH2_3O_FE1_OS.xlsx

1: 2023S CEVC PH2 CE2580 MS2270 DE1300 3O FE1 OS

Interface: Central East

Transfer MW		base	ce01	ce02	ce03	ce07	ce08	ce11	ce13	ce15	ce20	ce30	ce31	log09	log15
2523	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2547	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2576	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2604	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2627	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2658	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2688	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2711	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2725	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2731	t10	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2743	t11	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2747	t12	0	0	0	0	2	0	0	0	1	0	0	0	0	0
2758	t13	0	0	0	0	2	0	0	0	2	0	0	0	0	0
2762	t14	0	0	0	0	2	0	0	0	2	0	0	0	0	0
2774	t15	0	0	0	0	2	0	0	0	2	0	0	0	0	0
2778	t16	0	0	0	0	2	0	0	0	2	0	0	0	0	0
2789	t17	0	0	0	0	2	0	0	0	2	0	0	0	0	1
2793	t18	0	0	0	0	2	0	0	0	2	0	0	0	0	2
2804	t19	0	2	2	0	2	0	2	0	2	0	0	0	0	2
2808	t20	0	2	2	0	2	0	2	0	2	0	0	0	0	2
2819	t21	0	2	2	0	2	0	2	2	2	0	0	0	0	2
2828	t22	0	2	2	0	2	2	2	2	2	0	0	0	0	2
2831	t23	0	2	2	0	2	2	2	2	2	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\FE1_OS\Sum2023_CEVC_PH2_3O_FE1_OS.xlsx

1: 2023S CEVC PH2 CE2580 MS2270 DE1300 3O FE1 OS

Interface: Central East

	t	t	t	t	t	t	t	t	t	t1	t1	t1	t1	t1	t1	t1	t1	t1	t1	t2	t2	t2	t2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Gordon Rd.-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

02-27-2023 09:29

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\FE1_OS\Sum2023_CEVC_PH2_3O_FE1_OS.xlsx

1: 2023S CEVC PH2 CE2580 MS2270 DE1300 3O FE1 OS

Interface: Central East

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2436 <E	Dunwoodie 345kV Voltage	Pre-Fault	103.6	NA	348	2436
2448 <E	Sprain Brook 345kV Voltage	Pre-Fault	103.8	NA	348	2448
2576	limit with 5% margin	Marcy South N.	NA	NA	NA	3349
2606	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2462
2607	Marcy 345kV Voltage	Pre-Fault	16.8	NA	348	2607
2622	Edic 345kV Voltage	Pre-Fault	16.8	NA	347	2622
2639	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2927
2653	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1932
2653	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1876
2653	limit with 5% margin	SBK Edic R945	NA	NA	NA	1932
2667	limit with 5% margin	Marcy South S.	NA	NA	NA	3179
2667	limit with 5% margin	Volney-Marcy	NA	NA	NA	2554
2671	Gordon Rd 345kV Voltage	SBK Princetown 345	9.5	327.8	349.1	2476
2676	Pannell Road 345kV Voltage	Pre-Fault	15.9	NA	346	2676
2677	Station 80 345kV Voltage	Pre-Fault	15.2	NA	346	2677
2677	Edic 345kV Voltage	Marcy South N.	4.4	327.8	342.5	3509
2679	Marcy 345kV Voltage	Marcy South N.	4.3	327.8	342.3	3510
2686	Clay 345kV Voltage	Pre-Fault	12.7	NA	345	2686
2689	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2650
2689	limit with 5% margin	SBK Edic R70	NA	NA	NA	2728
2689	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2485
2689	limit with 5% margin	Gordon Rd.-N.Scot 345	NA	NA	NA	2689
2689	limit with 5% margin	Ravenswood 3	NA	NA	NA	2781
2691	Gordon Rd 345kV Voltage	Pre-Fault	22.3	NA	348	2691
2693	Edic 345kV Voltage	SBK Marcy R3108	8.2	327.8	340.9	2560
2701	Clay 345kV Voltage	Marcy South N.	5.5	327.8	344.0	3521
2719 >E	Oakdale 345kV Voltage	Marcy South N.	5.5	320	342.8	3529
2719 >E	Gordon Rd 345kV Voltage	Marcy South N.	8.9	327.8	346.8	3529
2719	Millwood 345kV Voltage	Pre-Fault	58.6	NA	348	2719
2721	Clay 345kV Voltage	SBK Marcy R3108	5.6	327.8	342.4	2579
2737	Edic 345kV Voltage	Ph2 DC 1500	2.3	327.8	335.3	3054
2737	Marcy 345kV Voltage	SBK Edic R945	3.0	327.8	335.3	2008
2737	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	335.3	2008
2737	Marcy 345kV Voltage	Ph2 DC 1500	2.2	327.8	335.3	3055
2738	Edic 345kV Voltage	SBK Edic R945	3.1	327.8	335.1	2009
2738	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.1	327.8	335.1	2009
2742	Edic 345kV Voltage	Marcy-N.Scot99 345	3.2	327.8	334.3	1954
2747	Marcy 345kV Voltage	Marcy-N.Scot99 345	11.2	327.8	333.8	1956
2759 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	4.3	327.8	339.4	2599
2762 >E	Pannell Road 345kV Voltage	Marcy South N.	9.5	327.8	343.0	3548
2766 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.2	320	333.0	2602

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2771	Edic 345kV Voltage	Volney-Marcy	7.9	327.8	331.2	2660
2771 >E	Marcy 345kV Voltage	SBK Marcy R3108	4.5	327.8	327.8	2605
2772	Clay 345kV Voltage	Volney-Marcy	12.1	327.8	336.9	2661
2775 >E	Station 80 345kV Voltage	SBK Marcy R3108	5.0	327.8	338.4	2607
2777	Edic 345kV Voltage	Marcy South S.	13.9	327.8	330.7	3327
2777	Marcy 345kV Voltage	Volney-Marcy	12.1	327.8	330.7	2666
2777	Oakdale 345kV Voltage	Pre-Fault	23.1	NA	335	2777
2779	Marcy 345kV Voltage	Marcy South S.	5.7	327.8	330.4	3329
2780	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	336.4	2030
2780	Clay 345kV Voltage	SBK Edic R945	3.5	327.8	336.4	2030
2783	Buchanan North 345kV Voltage	Pre-Fault	35.1	NA	346	2783
2786	Clay 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	335.8	1972
2797	Edic 345kV Voltage	SBK Princetown 345	6.1	327.8	328.0	2591
2797	Gordon Rd 345kV Voltage	Marcy South S.	4.8	327.8	340.3	3341
2798	Edic 345kV Voltage	Ravenswood 3	6.3	327.8	328.0	2897
2799	Marcy 345kV Voltage	SBK Princetown 345	6.1	327.8	327.8	2592
2799	Edic 345kV Voltage	N.Scot-Leeds 345	6.3	327.8	327.8	2760
2799	Marcy 345kV Voltage	N.Scot-Leeds 345	6.3	327.8	327.8	2760
2799	Marcy 345kV Voltage	SBK Edic R70	6.3	327.8	327.8	2839
2799	Marcy 345kV Voltage	Gordon Rd.-N.Scot 345	6.3	327.8	327.8	2799
2799	Marcy 345kV Voltage	Ravenswood 3	6.3	327.8	327.8	2898
2799	Edic 345kV Voltage	Gordon Rd.-N.Scot 345	6.3	327.8	327.8	2799
2801 >E	Station 80 345kV Voltage	Marcy South N.	11.9	327.8	343.0	3566
2801	Edic 345kV Voltage	SBK Edic R70	6.3	327.8	327.5	2841
2808	New Scotland 345kV Voltage Alps	Pre-Fault	4.5	NA	348	2808
2808	New Scotland 345kV Voltage Gilb	Pre-Fault	4.5	NA	348	2808
2810 >E	Clay 345kV Voltage	Ph2 DC 1500	13.1	327.8	335.3	3103
2811	Fraser 345kV Voltage	Pre-Fault	2.8	NA	338	2811
2818	Rock Tavern 345kV Voltage	Pre-Fault	7.1	NA	348	2818
2820	Gilboa 345kV Voltage	Pre-Fault	10.0	NA	348	2820
2820	Coopers Corners 345kV Voltage	Pre-Fault	7.7	NA	338	2820
2822 >E	Oakdale 345kV Voltage	SBK Edic R945	34.3	320	333.7	2053
2823 >E	Oakdale 345kV Voltage	Volney-Marcy	5.3	320	328.9	2697
2823	Clay 345kV Voltage	SBK Edic R70	7.4	327.8	329.1	2864
2825	Clay 345kV Voltage	Ravenswood 3	6.1	327.8	328.9	2921
2825	Clay 345kV Voltage	SBK Princetown 345	6.0	327.8	328.9	2611
2827	St.Lawrence 230kV Voltage	Pre-Fault	12.5	NA	225	2827
2834 >E	Clay 345kV Voltage	N.Scot-Leeds 345	11.7	327.8	327.9	2793
2835 >E	Pannell Road 345kV Voltage	Volney-Marcy	6.3	327.8	336.0	2704
2835 >E	Clay 345kV Voltage	Gordon Rd.-N.Scot 345	11.7	327.8	327.8	2835
2836 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	50.7	320	333.9	2062

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2838 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	10.6	218.5	221.3	2636
2839 >E	Pleasant Valley 345kV Voltage	Pre-Fault	89.8	NA	348	2839
2839 >E	Clay 345kV Voltage	Marcy South S.	9.1	327.8	330.9	3360
2844 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	7.4	327.8	333.3	2639
2849 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	13.1	327.8	339.2	3130
2851 >E	Fraser 345kV Voltage	SBK Marcy R3108	6.0	327.8	327.8	2642
2867 >E	Oakdale 345kV Voltage	Ravenswood 3	11.0	320	322.0	2961
2868 >E	Oakdale 345kV Voltage	SBK Princetown 345	11.0	320	321.9	2647
2869 >E	Ramapo 500kV Voltage	Ph2 DC 1500	31.3	500	506.6	3145
2871 >E	Station 80 345kV Voltage	Volney-Marcy	8.9	327.8	336.4	2726
2872 >E	Fraser 345kV Voltage	SBK Edic R945	15.4	327.8	339.3	2085
2881 >E	Coopers Corners 345kV Voltage	SBK Edic R945	20.0	327.8	341.0	2091
2882 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	17.5	327.8	339.1	2092
2884 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	12.6	327.8	330.7	2842
2885 >E	St.Lawrence 230kV Voltage	Volney-Marcy	11.4	218.5	224.2	2735
2885 >E	Oakdale 345kV Voltage	SBK Edic R70	11.7	320	320.5	2927
2887 >E	Oakdale 345kV Voltage	Marcy South S.	7.4	320	320.8	3382
2889 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	12.0	320	320.1	2846
2891 >E	Oakdale 345kV Voltage	Gordon Rd.-N.Scot 345	11.9	320	320.0	2891
2891 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	22.3	327.8	340.9	2098
2891 >E	Gordon Rd 345kV Voltage	Ravenswood 3	12.7	327.8	330.2	2983
2892 >E	Pannell Road 345kV Voltage	Marcy South S.	9.3	327.8	330.6	3385
2894 >E	Buchanan South 345kV Voltage	Pre-Fault	127.1	NA	346	2894
2895 >E	New Scotland 345kV Voltage Alps	Marcy South N.	12.5	327.8	347.8	3608
2895 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	12.5	327.8	347.8	3608
2899 >E	Ramapo 500kV Voltage	Ravenswood 3	33.4	500	505.6	2990
2901 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	19.7	327.8	336.7	2045
2902 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	12.9	327.8	327.8	2858
2902 >E	Fraser 345kV Voltage	SBK Edic R70	12.9	327.8	327.8	2943
2902 >E	Fraser 345kV Voltage	SBK Princetown 345	12.9	327.8	327.8	2675
2902 >E	Fraser 345kV Voltage	Ravenswood 3	12.9	327.8	327.8	2993
2902 >E	Fraser 345kV Voltage	Gordon Rd.-N.Scot 345	12.9	327.8	327.8	2902
2908 >E	Somerset 345kV Voltage	SBK Marcy R3108	8.7	327.8	338.9	2669
2914 >E	New Scotland 345kV Voltage Alps	Marcy South S.	11.1	327.8	343.5	3395
2914 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	11.1	327.8	343.5	3395
2919 >E	Oakdale 345kV Voltage	Ph2 DC 1500	15.1	320	328.8	3180
2923 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	9.2	327.8	325.3	2676
2924 >E	Gordon Rd 345kV Voltage	Gordon Rd.-N.Scot 345	13.9	327.8	327.8	2924
2926 >E	Pannell Road 345kV Voltage	Ravenswood 3	14.4	327.8	329.1	3016
2927 >E	Coopers Corners 345kV Voltage	Ravenswood 3	17.7	327.8	332.5	3016
2927 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	21.4	327.8	338.0	2062

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2928 >E	Pannell Road 345kV Voltage	SBK Princetown 345	14.4	327.8	329.0	2697
2932 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	26.4	327.8	340.2	2065
2933 >E	Pannell Road 345kV Voltage	SBK Edic R70	15.1	327.8	328.7	2975
2934 >E	Gordon Rd 345kV Voltage	Volney-Marcy	11.4	327.8	331.8	2765
2936 >E	Pannell Road 345kV Voltage	SBK Edic R945	26.7	327.8	337.5	2126
2939 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	19.2	327.8	335.4	3194
2941 >E	St.Lawrence 230kV Voltage	Marcy South N.	24.7	218.5	226.3	3629
2945 >E	Gordon Rd 345kV Voltage	SBK Edic R70	13.9	327.8	326.3	2987
2946 >E	Fraser 345kV Voltage	Volney-Marcy	12.2	327.8	327.8	2772
2946 >E	Fraser 345kV Voltage	Marcy South S.	12.2	327.8	327.8	3409
2946 >E	Pannell Road 345kV Voltage	Gordon Rd.-N.Scot 345	15.4	327.8	327.8	2946
2947 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	15.5	327.8	327.8	2902
2959 >E	Coopers Corners 345kV Voltage	SBK Edic R70	18.5	327.8	331.1	3001
2968 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	18.2	327.8	330.7	2730
2968 >E	Station 80 345kV Voltage	Marcy South S.	14.5	327.8	330.9	3419
2968 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	32.6	327.8	337.0	2147
2970 >E	Gilboa 345kV Voltage	Marcy South S.	11.4	327.8	343.8	3420
2971 >E	Station 80 345kV Voltage	Ravenswood 3	16.1	327.8	329.2	3057
2978 >E	Station 80 345kV Voltage	SBK Princetown 345	16.2	327.8	328.8	2738
2982 >E	Station 80 345kV Voltage	SBK Edic R70	16.9	327.8	328.6	3024
2987 >E	St.Lawrence 230kV Voltage	Marcy South S.	20.9	218.5	220.2	3428
2989 >E	Station 80 345kV Voltage	Ph2 DC 1500	21.6	327.8	335.6	3229
2994 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	10.6	327.8	330.4	2710
2994 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	10.6	327.8	330.4	2710
2995 >E	St.Lawrence 230kV Voltage	SBK Edic R945	30.1	218.5	225.4	2163
2995 >E	Station 80 345kV Voltage	Gordon Rd.-N.Scot 345	17.0	327.8	327.8	2995
2996 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	17.2	327.8	327.8	2949
3002 >E	St.Lawrence 230kV Voltage	Ravenswood 3	30.0	218.5	219.8	3086
3007 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	20.7	327.8	328.9	2961
3011 >E	Ramapo 500kV Voltage	SBK Edic R945	41.1	500	504.6	2173
3014 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	29.3	218.5	219.4	2768
3021 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	42.9	500	504.5	2181
3022 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	34.1	218.5	225.1	2182
3029 >E	Fraser 345kV Voltage	Marcy South N.	14.3	327.8	327.8	3669
3030 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	44.4	500	504.4	2128
3031 >E	Coopers Corners 345kV Voltage	Gordon Rd.-N.Scot 345	22.1	327.8	327.8	3031
3043 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	36.0	218.5	224.7	3267
3045 >E	St.Lawrence 230kV Voltage	Gordon Rd.-N.Scot 345	33.8	218.5	218.5	3045
3045 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	15.9	327.8	332.8	2997
3045 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	15.9	327.8	332.8	2997
3047 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	33.9	218.5	218.4	2998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3053 >E	Gilboa 345kV Voltage	SBK Marcy R3108	12.1	327.8	328.7	2737
3057 >E	Coopers Corners 345kV Voltage	Volney-Marcy	18.1	327.8	330.3	2841
3058 >E	Niagara 230kV East Voltage	Marcy South N.	27.0	218.5	225.9	3682
3058 >E	Niagara 230kV West Voltage	Marcy South N.	27.0	218.5	225.9	3682
3063 >E	St.Lawrence 230kV Voltage	SBK Edic R70	35.3	218.5	218.0	3106
3068 >E	Niagara 230kV East Voltage	SBK Marcy R3108	24.9	218.5	223.4	2744
3068 >E	Niagara 230kV West Voltage	SBK Marcy R3108	24.9	218.5	223.4	2744
3072 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	17.6	327.8	341.7	3288
3072 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	17.6	327.8	341.7	3288
3081 >E	Ramapo 345kV Voltage	Pre-Fault	98.1	NA	346	3081
3088 >E	Station 80 345kV Voltage	SBK Edic R945	37.7	327.8	338.5	2223
3089 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	17.1	327.8	330.4	3167
3089 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	17.1	327.8	330.4	3167
3097 >E	Ramapo 500kV Voltage	SBK Princetown 345	39.6	500	501.3	2838
3109 >E	Ramapo 500kV Voltage	SBK Edic R70	40.8	500	501.1	3153
3119 >E	Ramapo 500kV Voltage	Marcy South S.	41.0	500	502.0	3489
3122 >E	Ramapo 500kV Voltage	Volney-Marcy	43.0	500	501.9	2880
3124 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	50.9	327.8	334.7	2189
3125 >E	Leeds 345kV Voltage	Pre-Fault	35.7	NA	345	3125
3126 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	18.1	327.8	328.4	3170
3126 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	18.1	327.8	328.4	3170
3133 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	44.2	500	500.6	3082
3133 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	44.4	218.5	223.8	2194
3134 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	157.8	320	338.0	2195
3135 >E	Somerset 345kV Voltage	Volney-Marcy	16.2	327.8	340.5	2888
3137 >E	Fraser 345kV Voltage	Ph2 DC 1500	24.1	327.8	327.8	3333
3138 >E	New Scotland 345kV Voltage Alps	Gordon Rd.-N.Scot 345	18.5	327.8	327.8	3138
3138 >E	New Scotland 345kV Voltage Gilb	Gordon Rd.-N.Scot 345	18.5	327.8	327.8	3138
3146 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	16.7	327.8	333.4	2895
3146 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	16.7	327.8	333.4	2895
3147 >E	Ramapo 500kV Voltage	SBK Marcy R3108	50.7	500	499.4	2782
3151 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	26.7	327.8	334.9	3343
3156 >E	Leeds 345kV Voltage	Marcy South S.	15.9	327.8	348.5	3506
3159 >E	Ramapo 500kV Voltage	Pre-Fault	46.5	NA	500	3159
3159 >E	Ramapo 500kV Voltage	Gordon Rd.-N.Scot 345	46.5	500	500.0	3159
3169 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	48.0	327.8	337.9	2277
3182 >E	Somerset 345kV Voltage	Pre-Fault	29.1	NA	338	3182
3185 >E	Niagara 345kV Voltage	SBK Marcy R3108	16.3	327.8	339.8	2800
3223 >E	Ladentown 345kV Voltage	Pre-Fault	101.1	NA	346	3223
3226 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	21.6	327.8	329.7	3172
3236 >E	Gilboa 345kV Voltage	Marcy South N.	21.0	327.8	338.1	3762

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3237 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	19.7	327.8	322.4	2954
3237 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	19.7	327.8	322.4	2954
3241 >E	Gilboa 345kV Voltage	Ravenswood 3	22.0	327.8	329.0	3307
3269 >E	Gilboa 345kV Voltage	Gordon Rd.-N.Scot 345	22.7	327.8	327.8	3269
3270 >E	Gilboa 345kV Voltage	SBK Edic R70	22.7	327.8	327.7	3315
3272 >E	Watercure 230kV Voltage	Marcy South N.	34.4	207	236.7	3779
3272 >E	Ramapo 500kV Voltage	Marcy South N.	68.4	500	500.6	3779
3286 >E	Gilboa 345kV Voltage	SBK Princetown 345	22.8	327.8	327.0	2995
3289 >E	Watercure 230kV Voltage	Pre-Fault	27.6	NA	215	3289
3316 >E	Gilboa 345kV Voltage	Volney-Marcy	22.8	327.8	330.1	2999
3342 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	24.7	327.8	324.3	2873
3346 >E	Gordon Rd 345kV Voltage	SBK Edic R945	26.7	327.8	319.6	2388
3348 >E	Niagara 230kV East Voltage	Pre-Fault	93.8	NA	225	3348
3348 >E	Niagara 230kV West Voltage	Pre-Fault	93.8	NA	225	3348
3372 >E	Somerset 345kV Voltage	Marcy South N.	35.0	327.8	359.8	3824
3377 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	28.2	327.8	318.4	2411
3388 >E	Gilboa 345kV Voltage	SBK Edic R945	30.0	327.8	340.5	2414
3388 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	28.6	327.8	333.2	2415
3388 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	28.6	327.8	333.2	2415
3392 >E	Leeds 345kV Voltage	SBK Marcy R3108	22.0	327.8	327.8	2897
3398 >E	Somerset 345kV Voltage	Marcy South S.	26.8	327.8	332.4	3617
3413 >E	Gilboa 345kV Voltage	Ph2 DC 1500	28.8	327.8	337.2	3527
3414 >E	Roseton 345kV Voltage	Pre-Fault	100.1	NA	345	3414
3414 >E	Somerset 345kV Voltage	Ravenswood 3	27.2	327.8	330.0	3468
3424 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	30.3	327.8	332.2	2442
3424 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	30.3	327.8	332.2	2442
3425 >E	Watercure 230kV Voltage	Ravenswood 3	25.2	207	210.1	3478
3437 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	32.5	327.8	339.6	2450
3444 >E	Somerset 345kV Voltage	SBK Princetown 345	27.9	327.8	329.0	3126
3449 >E	Watercure 230kV Voltage	SBK Princetown 345	25.8	207	209.2	3131
3451 >E	Somerset 345kV Voltage	SBK Edic R70	28.6	327.8	328.8	3498
3455 >E	Watercure 230kV Voltage	SBK Marcy R3108	33.6	207	239.9	2926
3468 >E	Rock Tavern 345kV Voltage	Ravenswood 3	41.5	327.8	338.1	3518
3477 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	30.9	327.8	325.5	2937
3479 >E	Somerset 345kV Voltage	Gordon Rd.-N.Scot 345	29.1	327.8	327.8	3479
3481 >E	Buchanan North 345kV Voltage	Ravenswood 3	62.7	327.8	337.8	3530
3485 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	29.4	327.8	327.6	3422
3485 >E	Watercure 230kV Voltage	SBK Edic R70	26.9	207	207.9	3533
3486 >E	Bowline 1 345kV Voltage	Pre-Fault	101.0	NA	345	3486
3505 >E	Somerset 345kV Voltage	Ph2 DC 1500	35.3	327.8	339.4	3592
3510 >E	Watercure 230kV Voltage	Gordon Rd.-N.Scot 345	27.6	207	207.0	3510

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3516 >E	Leeds 345kV Voltage	Marcy South N.	28.8	327.8	342.9	3889
3517 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	28.0	207	206.8	3453
3520 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	34.0	327.8	329.6	2444
3520 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	34.0	327.8	329.6	2444
3524 >E	Watercure 230kV Voltage	Ph2 DC 1500	33.4	207	218.6	3605
3526 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	84.0	327.8	335.0	2448
3532 >E	Bowline 2 345kV Voltage	Pre-Fault	100.9	NA	345	3532
3538 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	36.9	327.8	337.8	2456
3542 >E	Niagara 230kV East Voltage	Volney-Marcy	57.7	218.5	226.6	3137
3542 >E	Niagara 230kV West Voltage	Volney-Marcy	57.7	218.5	226.6	3137
3581 >E	Pleasant Valley 345kV Voltage	Marcy South S.	42.7	327.8	343.4	3701
3605 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	49.8	327.8	324.0	2997
3608 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	49.6	327.8	324.0	2998
3611 >E	Millwood 345kV Voltage	SBK Marcy R3108	43.1	327.8	323.4	3000
3613 >E	Coopers Corners 345kV Voltage	Marcy South N.	29.4	327.8	302.3	3933
3623 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	45.7	327.8	323.2	3005
3658 >E	Gardenville 230kV Voltage	Marcy South N.	39.8	207	226.5	3953
3666 >E	Niagara 345kV Voltage	Volney-Marcy	29.7	327.8	344.3	3213
3667 >E	Roseton 345kV Voltage	SBK Marcy R3108	35.2	327.8	324.7	3026
3688 >E	Rock Tavern 345kV Voltage	SBK Edic R70	46.0	327.8	335.0	3738
3702 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	44.0	327.8	322.4	3042
3738 >E	Ramapo 345kV Voltage	Ravenswood 3	57.0	327.8	339.3	3768
3738 >E	Leeds 345kV Voltage	SBK Edic R70	35.7	327.8	327.8	3788
3738 >E	Leeds 345kV Voltage	Ravenswood 3	35.7	327.8	327.8	3768
3738 >E	Leeds 345kV Voltage	Gordon Rd.-N.Scot 345	35.7	327.8	327.8	3738
3739 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	35.7	327.8	327.8	3667
3739 >E	Leeds 345kV Voltage	SBK Princetown 345	35.7	327.8	327.8	3372
3747 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	48.1	327.8	334.2	3379
3753 >E	Pleasant Valley 345kV Voltage	Marcy South N.	46.6	327.8	334.8	3996
3757 >E	Sprain Brook 345kV Voltage	Ravenswood 3	119.0	327.8	338.1	3786
3757 >E	Rock Tavern 345kV Voltage	SBK Edic R945	51.4	327.8	345.5	2650
3774 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	58.3	327.8	341.6	3781
3778 >E	Dunwoodie 345kV Voltage	Ravenswood 3	123.5	327.8	338.1	3805
3783 >E	Sprain Brook 345kV Voltage	Marcy South N.	60.2	327.8	325.9	4009
3791 >E	Buchanan South 345kV Voltage	Ravenswood 3	75.7	327.8	338.9	3817
3800 >E	Dunwoodie 345kV Voltage	Marcy South N.	61.7	327.8	326.0	4017
3809 >E	Ramapo 345kV Voltage	SBK Marcy R3108	44.8	327.8	321.4	3093
3828 >E	Millwood 345kV Voltage	Ravenswood 3	92.6	327.8	338.5	3852
3831 >E	Ladentown 345kV Voltage	Ravenswood 3	59.5	327.8	340.0	3854
3842 >E	Niagara 230kV East Voltage	Ravenswood 3	87.0	218.5	219.7	3865
3842 >E	Niagara 230kV West Voltage	Ravenswood 3	87.0	218.5	219.7	3865

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3854 >E	Niagara 345kV Voltage	Pre-Fault	50.0	NA	338	3854
3854 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	56.5	327.8	345.1	2719
3891 >E	Gardenville 230kV Voltage	SBK Marcy R3108	45.9	207	225.3	3132
3895 >E	Leeds 345kV Voltage	Ph2 DC 1500	39.5	327.8	342.8	3866
3906 >E	Niagara 230kV East Voltage	SBK Princetown 345	90.4	218.5	219.0	3512
3906 >E	Niagara 230kV West Voltage	SBK Princetown 345	90.4	218.5	219.0	3512
3909 >E	Niagara 230kV East Voltage	SBK Edic R70	91.6	218.5	219.0	3961
3909 >E	Niagara 230kV West Voltage	SBK Edic R70	91.6	218.5	219.0	3961
3912 >E	Ladentown 345kV Voltage	SBK Marcy R3108	46.5	327.8	319.7	3141
3922 >E	Bowline 1 345kV Voltage	Ravenswood 3	59.3	327.8	340.7	3939
3943 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	53.2	327.8	342.7	3900
3945 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	58.2	327.8	331.3	3867
3949 >E	Bowline 2 345kV Voltage	Ravenswood 3	59.3	327.8	340.9	3964
3958 >E	Niagara 230kV East Voltage	Gordon Rd.-N.Scot 345	93.8	218.5	218.5	3958
3958 >E	Niagara 230kV West Voltage	Gordon Rd.-N.Scot 345	93.8	218.5	218.5	3958
3971 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	95.0	218.5	218.4	3892
3971 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	95.0	218.5	218.4	3892
3977 >E	Ramapo 345kV Voltage	Ph2 DC 1500	55.7	327.8	344.7	3924
3990 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	46.6	327.8	319.0	3178
4008 >E	Millwood 345kV Voltage	Marcy South N.	63.5	327.8	325.7	4111
4025 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	56.2	327.8	345.6	3957
4040 >E	Buchanan North 345kV Voltage	SBK Edic R70	76.0	327.8	332.4	4093
4045 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	65.4	327.8	344.3	2782
4062 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	63.8	327.8	344.9	3983
4065 >E	Ladentown 345kV Voltage	Ph2 DC 1500	56.1	327.8	346.0	3985
4068 >E	Somerset 345kV Voltage	SBK Edic R945	63.1	327.8	343.7	2849
4071 >E	Buchanan North 345kV Voltage	SBK Princetown 345	76.1	327.8	332.1	3649
4075 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	73.2	327.8	334.2	4080
4114 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	50.4	327.8	315.9	3236
4131 >E	Millwood 345kV Voltage	Ph2 DC 1500	71.7	327.8	344.6	4032
4132 >E	Niagara 230kV East Voltage	Ph2 DC 1500	108.8	218.5	225.8	4033
4132 >E	Niagara 230kV West Voltage	Ph2 DC 1500	108.8	218.5	225.8	4033
4152 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	56.0	327.8	347.2	4047
4177 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	55.9	327.8	347.5	4064
4178 >E	Rock Tavern 345kV Voltage	Volney-Marcy	62.4	327.8	331.5	3527
4189 >E	Niagara 230kV East Voltage	Marcy South S.	105.0	218.5	221.9	3980
4189 >E	Niagara 230kV West Voltage	Marcy South S.	105.0	218.5	221.9	3980
4193 >E	Rock Tavern 345kV Voltage	Gordon Rd.-N.Scot 345	70.2	327.8	327.8	4193
4203 >E	Buchanan North 345kV Voltage	Marcy South N.	72.5	327.8	320.9	4199
4225 >E	Niagara 345kV Voltage	Ravenswood 3	46.5	327.8	330.6	4220
4229 >E	Leeds 345kV Voltage	Volney-Marcy	51.8	327.8	327.8	3558

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4233 >E	Ramapo 345kV Voltage	SBK Edic R70	69.0	327.8	334.3	4287
4244 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	89.0	327.8	343.1	4111
4246 >E	Roseton 345kV Voltage	Ravenswood 3	70.9	327.8	336.7	4239
4249 >E	Buchanan North 345kV Voltage	SBK Edic R945	87.2	327.8	340.4	2965
4263 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	89.1	327.8	330.2	4174
4267 >E	Ramapo 345kV Voltage	SBK Princetown 345	69.5	327.8	333.9	3812
4270 >E	Rock Tavern 345kV Voltage	Marcy South N.	55.1	327.8	310.5	4230
4273 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	91.2	327.8	343.2	4132
4284 >E	Buchanan South 345kV Voltage	Marcy South N.	70.1	327.8	323.1	4236
4300 >E	Niagara 345kV Voltage	SBK Princetown 345	48.2	327.8	329.1	3839
4310 >E	Niagara 345kV Voltage	SBK Edic R70	48.9	327.8	328.9	4365
4314 >E	Roseton 345kV Voltage	Marcy South N.	59.7	327.8	327.4	4250
4320 >E	Niagara 345kV Voltage	Marcy South S.	50.7	327.8	334.0	4040
4356 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	93.6	327.8	340.0	3043
4357 >E	Ramapo 345kV Voltage	SBK Edic R945	75.4	327.8	344.2	3034
4364 >E	Niagara 345kV Voltage	Gordon Rd.-N.Scot 345	50.0	327.8	327.8	4364
4382 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	50.6	327.8	327.4	4290
4388 >E	Gardenville 230kV Voltage	Pre-Fault	97.0	NA	217	4388
4390 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	78.9	327.8	341.8	3065
4390 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	78.4	327.8	330.7	4297
4394 >E	Ladentown 345kV Voltage	SBK Edic R70	72.1	327.8	334.4	4450
4412 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	78.5	327.8	330.5	4468
4430 >E	Gardenville 230kV Voltage	Volney-Marcy	63.5	207	225.9	3681
4430 >E	Ladentown 345kV Voltage	SBK Princetown 345	72.5	327.8	334.1	3948
4437 >E	Roseton 345kV Voltage	Marcy South S.	65.9	327.8	339.1	4094
4458 >E	Niagara 345kV Voltage	Ph2 DC 1500	58.9	327.8	342.7	4261
4474 >E	Roseton 345kV Voltage	Ph2 DC 1500	68.3	327.8	346.2	4273
4480 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	81.3	327.8	343.7	3123
4505 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	79.8	327.8	329.5	4011
4505 >E	Bowline 1 345kV Voltage	SBK Edic R70	71.9	327.8	334.9	4562
4514 >E	Buchanan North 345kV Voltage	Gordon Rd.-N.Scot 345	103.4	327.8	327.8	4514
4517 >E	Buchanan South 345kV Voltage	SBK Edic R70	91.6	327.8	333.2	4574
4527 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	102.5	327.8	339.4	3093
4537 >E	Bowline 2 345kV Voltage	SBK Edic R70	71.8	327.8	335.0	4595
4542 >E	Bowline 1 345kV Voltage	SBK Princetown 345	72.3	327.8	334.5	4041
4554 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	83.9	327.8	331.0	4456
4571 >E	Buchanan South 345kV Voltage	SBK Princetown 345	92.1	327.8	332.8	4065
4574 >E	Bowline 2 345kV Voltage	SBK Princetown 345	72.2	327.8	334.7	4068
4589 >E	Roseton 345kV Voltage	SBK Edic R70	77.3	327.8	333.3	4647
4608 >E	Millwood 345kV Voltage	Marcy South S.	96.4	327.8	337.4	4172
4609 >E	Ladentown 345kV Voltage	SBK Edic R945	81.3	327.8	345.1	3195

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4638 >E	Buchanan North 345kV Voltage	Volney-Marcy	101.8	327.8	330.7	3809
4654 >E	Pleasant Valley 345kV Voltage	Gordon Rd.-N.Scot 345	89.8	327.8	327.8	4654
4658 >E	Roseton 345kV Voltage	SBK Princetown 345	78.7	327.8	332.6	4137
4676 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	89.8	327.8	342.9	3189
4695 >E	Buchanan North 345kV Voltage	Marcy South S.	93.1	327.8	330.3	4212
4706 >E	Millwood 345kV Voltage	SBK Edic R70	111.7	327.8	332.9	4765
4718 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	86.3	327.8	331.2	4614
4728 >E	Bowline 1 345kV Voltage	SBK Edic R945	80.9	327.8	346.3	3271
4750 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	87.6	327.8	344.5	3297
4766 >E	Bowline 2 345kV Voltage	SBK Edic R945	80.9	327.8	346.6	3295
4785 >E	Millwood 345kV Voltage	SBK Princetown 345	112.5	327.8	332.4	4243
4794 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	106.3	327.8	331.0	4688
4798 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	86.1	327.8	331.2	4692
4805 >E	Sprain Brook 345kV Voltage	Marcy South S.	122.5	327.8	336.8	4263
4815 >E	Dunwoodie 345kV Voltage	Marcy South S.	124.3	327.8	337.0	4267
4845 >E	Watercure 230kV Voltage	SBK Edic R945	99.4	207	243.8	3345
4856 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	86.2	327.8	331.4	4747
4860 >E	Ramapo 345kV Voltage	Volney-Marcy	91.6	327.8	332.0	3944
4867 >E	Ramapo 345kV Voltage	Gordon Rd.-N.Scot 345	98.1	327.8	327.8	4867
4868 >E	Buchanan South 345kV Voltage	Marcy South S.	97.1	327.8	334.9	4292
4881 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	87.2	327.8	345.7	3382
4894 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	86.2	327.8	331.5	4784
4922 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	87.2	327.8	346.0	3408
4941 >E	Sprain Brook 345kV Voltage	SBK Edic R70	147.0	327.8	332.6	5002
4968 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	96.4	327.8	343.8	3377
4977 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	127.6	327.8	331.2	4865
4997 >E	Dunwoodie 345kV Voltage	SBK Edic R70	152.1	327.8	332.7	5059
5002 >E	Ramapo 345kV Voltage	Marcy South N.	89.6	327.8	313.0	4560
5031 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	148.1	327.8	332.2	4448
5062 >E	Ladentown 345kV Voltage	Gordon Rd.-N.Scot 345	101.1	327.8	327.8	5062
5082 >E	Buchanan South 345kV Voltage	SBK Edic R945	116.0	327.8	343.9	3497
5091 >E	Gardenville 230kV Voltage	Ravenswood 3	87.8	207	209.8	5023
5099 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	153.7	327.8	332.3	4505
5109 >E	Ladentown 345kV Voltage	Volney-Marcy	96.7	327.8	332.0	4096
5113 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	96.0	327.8	344.9	3471
5135 >E	Roseton 345kV Voltage	Gordon Rd.-N.Scot 345	100.1	327.8	327.8	5135
5157 >E	Ladentown 345kV Voltage	Marcy South N.	92.4	327.8	313.8	4631
5158 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	96.0	327.8	345.1	3500
5203 >E	Gardenville 230kV Voltage	SBK Princetown 345	91.9	207	208.6	4591
5207 >E	Buchanan South 345kV Voltage	Gordon Rd.-N.Scot 345	127.1	327.8	327.8	5207
5221 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	108.5	327.8	330.0	4165

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
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5223 >E	Bowline 1 345kV Voltage	Gordon Rd.-N.Scot 345	101.0	327.8	327.8	5223
5261 >E	Gardenville 230kV Voltage	SBK Edic R70	94.0	207	208.0	5326
5262 >E	Bowline 1 345kV Voltage	Volney-Marcy	96.7	327.8	332.3	4190
5267 >E	Bowline 2 345kV Voltage	Gordon Rd.-N.Scot 345	100.9	327.8	327.8	5267
5274 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	125.7	327.8	343.5	3635
5290 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	170.9	327.8	331.0	5168
5305 >E	Bowline 2 345kV Voltage	Volney-Marcy	96.6	327.8	332.4	4217
5344 >E	Niagara 230kV East Voltage	SBK Edic R945	203.3	218.5	227.7	3664
5344 >E	Niagara 230kV West Voltage	SBK Edic R945	203.3	218.5	227.7	3664
5358 >E	Ramapo 345kV Voltage	Marcy South S.	99.0	327.8	327.6	4516
5359 >E	Gardenville 230kV Voltage	Gordon Rd.-N.Scot 345	97.0	207	207.0	5359
5366 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	177.5	327.8	331.1	5241
5395 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	98.6	207	206.6	5268
5395 >E	Leeds 345kV Voltage	SBK Edic R945	92.8	327.8	327.8	3697
5395 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	92.8	327.8	327.8	3714
5397 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	92.9	327.8	327.8	3654
5413 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	126.6	327.8	336.0	3664
5484 >E	Buchanan South 345kV Voltage	Volney-Marcy	130.4	327.8	331.0	4326
5498 >E	Roseton 345kV Voltage	Volney-Marcy	108.5	327.8	330.6	4335
5508 >E	Millwood 345kV Voltage	Gordon Rd.-N.Scot 345	157.1	327.8	327.8	5508
5513 >E	Roseton 345kV Voltage	SBK Edic R945	112.9	327.8	345.0	3772
5586 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	139.9	327.8	342.9	3776
5592 >E	Ladentown 345kV Voltage	Marcy South S.	105.8	327.8	328.0	4624
5647 >E	Bowline 1 345kV Voltage	Marcy South N.	104.7	327.8	308.1	4852
5657 >E	Bowline 2 345kV Voltage	Marcy South N.	103.6	327.8	312.2	4856
5662 >E	Gardenville 230kV Voltage	Ph2 DC 1500	112.4	207	222.6	5108
5740 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	122.4	327.8	344.4	3936
5741 >E	Millwood 345kV Voltage	SBK Edic R945	159.4	327.8	344.6	3918
5839 >E	Niagara 345kV Voltage	SBK Edic R945	105.9	327.8	346.9	3981
5971 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	253.2	218.5	226.7	4085
5971 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	253.2	218.5	226.7	4085
5985 >E	Sprain Brook 345kV Voltage	Gordon Rd.-N.Scot 345	216.6	327.8	327.8	5985
6018 >E	Rock Tavern 345kV Voltage	Marcy South S.	108.6	327.8	307.6	4819
6027 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	174.9	327.8	344.4	4122
6029 >E	Millwood 345kV Voltage	Volney-Marcy	170.2	327.8	330.4	4660
6066 >E	Bowline 1 345kV Voltage	Marcy South S.	116.8	327.8	325.6	4841
6098 >E	Bowline 2 345kV Voltage	Marcy South S.	116.2	327.8	325.8	4856
6116 >E	Dunwoodie 345kV Voltage	Gordon Rd.-N.Scot 345	227.3	327.8	327.8	6116
6143 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	162.3	207	251.0	4196
6152 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	138.1	327.8	343.3	4140
6311 >E	Sprain Brook 345kV Voltage	SBK Edic R945	219.3	327.8	344.3	4283

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6327 >E	Gardenville 230kV Voltage	Marcy South S.	136.6	207	217.1	4961
6468 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	161.7	327.8	340.0	4383
6494 >E	Dunwoodie 345kV Voltage	SBK Edic R945	231.8	327.8	344.8	4400
6517 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	198.6	327.8	344.1	4376
6551 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	130.7	327.8	344.3	4459
6693 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	243.1	327.8	344.4	4551
6736 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	173.5	327.8	339.2	4579
6809 >E	Sprain Brook 345kV Voltage	Volney-Marcy	244.4	327.8	329.8	5137
6913 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	258.0	327.8	344.9	4693
7014 >E	Dunwoodie 345kV Voltage	Volney-Marcy	258.6	327.8	329.8	5263
7051 >E	Rainey 345kV Voltage	SBK Marcy R3108	160.8	327.8	322.2	4618
7112 >E	Farragut 345kV Voltage	SBK Marcy R3108	166.4	327.8	322.3	4646
7314 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	196.5	327.8	337.6	4889
7380 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	281.9	327.8	344.4	4932
7607 >E	Coopers Corners 345kV Voltage	Marcy South S.	122.7	327.8	132.6	5549
7653 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	383.4	218.5	223.9	5108
7653 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	383.4	218.5	223.9	5108
7673 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	301.2	327.8	345.0	5120
8217 >E	Rainey 345kV Voltage	Ravenswood 3	277.2	327.8	346.1	7920
8313 >E	Rainey 345kV Voltage	Marcy South N.	208.3	327.8	325.1	6057
8424 >E	Farragut 345kV Voltage	Marcy South N.	216.7	327.8	325.2	6107
8428 >E	Farragut 345kV Voltage	Ravenswood 3	285.8	327.8	345.5	8116
8449 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	195.1	327.8	337.2	5621
8587 >E	Goethals 345kV Voltage	SBK Marcy R3108	225.8	327.8	322.2	5340
9165 >E	Farragut 345kV Voltage	Ph2 DC 1500	246.7	327.8	352.6	7570
9190 >E	Rainey 345kV Voltage	Ph2 DC 1500	242.6	327.8	353.2	7588
10092 >E	Gardenville 230kV Voltage	SBK Edic R945	293.2	207	238.2	6699
10269 >E	Goethals 345kV Voltage	Ravenswood 3	353.7	327.8	346.5	9822
10337 >E	Goethals 345kV Voltage	Marcy South N.	293.7	327.8	325.3	6971
10721 >E	Goethals 345kV Voltage	Ph2 DC 1500	310.3	327.8	353.5	8664
12616 >E	Rainey 345kV Voltage	Marcy South S.	370.9	327.8	344.0	7848
12643 >E	Farragut 345kV Voltage	Marcy South S.	379.4	327.8	343.7	7861
13828 >E	Farragut 345kV Voltage	Pre-Fault	722.6	NA	338	13828
13948 >E	Rainey 345kV Voltage	Pre-Fault	707.5	NA	338	13948

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
14120	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	455.0	207	240.9	9345
>E						
14394	Watercure 230kV Voltage	Marcy-N.Scot99 345	549.6	207	296.9	9452
>E						
15014	Rainey 345kV Voltage	SBK Princetown 345	468.4	327.8	336.5	12763
>E						
15049	Rainey 345kV Voltage	SBK Edic R70	472.7	327.8	336.4	15207
>E						
15063	Farragut 345kV Voltage	SBK Princetown 345	479.5	327.8	336.3	12804
>E						
15162	Farragut 345kV Voltage	SBK Edic R70	486.4	327.8	336.2	15321
>E						
16097	Goethals 345kV Voltage	Marcy South S.	518.3	327.8	345.2	9446
>E						
17126	Northport 138kV Voltage	SBK Marcy R3108	1127.5	131.1	128.9	9356
>E						
17448	Rainey 345kV Voltage	N.Scot-Leeds 345	565.2	327.8	333.1	16922
>E						
17496	Farragut 345kV Voltage	N.Scot-Leeds 345	578.1	327.8	332.9	16968
>E						
19558	Farragut 345kV Voltage	SBK Edic R945	648.8	327.8	355.1	12749
>E						
19694	Rainey 345kV Voltage	SBK Edic R945	641.2	327.8	355.9	12836
>E						
19949	Goethals 345kV Voltage	Pre-Fault	1136.7	NA	338	19949
>E						
20384	Goethals 345kV Voltage	SBK Princetown 345	692.9	327.8	337.6	17236
>E						
20791	Goethals 345kV Voltage	SBK Edic R70	712.4	327.8	337.3	21004
>E						
21164	Rainey 345kV Voltage	Gordon Rd.-N.Scot 345	707.5	327.8	327.8	21164
>E						
21198	Farragut 345kV Voltage	Gordon Rd.-N.Scot 345	722.6	327.8	327.8	21198
>E						
21311	Farragut 345kV Voltage	Edic-Gordon Rd. 345	716.7	327.8	355.2	13986
>E						
21438	Rainey 345kV Voltage	Edic-Gordon Rd. 345	707.4	327.8	356.1	14068
>E						
22055	Northport 138kV Voltage	Ph2 DC 1500	1517.7	131.1	146.6	16631
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
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23424 >E	Rainey 345kV Voltage	Volney-Marcy	779.2	327.8	332.8	15309
23434 >E	Farragut 345kV Voltage	Volney-Marcy	795.2	327.8	332.8	15315
23531 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	800.4	327.8	355.4	15341
23794 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	794.6	327.8	356.3	15511
24640 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	864.7	327.8	333.9	23875
25594 >E	Goethals 345kV Voltage	SBK Edic R945	891.5	327.8	358.2	16608
28059 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	987.9	327.8	358.7	18342
30619 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	1085.7	327.8	359.2	19910
31543 >E	Goethals 345kV Voltage	Gordon Rd.-N.Scot 345	1136.7	327.8	327.8	31543
33828 >E	Goethals 345kV Voltage	Volney-Marcy	1209.3	327.8	334.4	21678
39225 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	1452.4	207	257.3	25456
99998 >E	Niagara 345kV Voltage	Marcy South N.	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Gordon Rd.-N.Scot 345	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99999	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

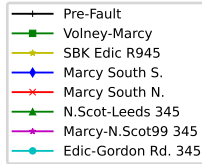
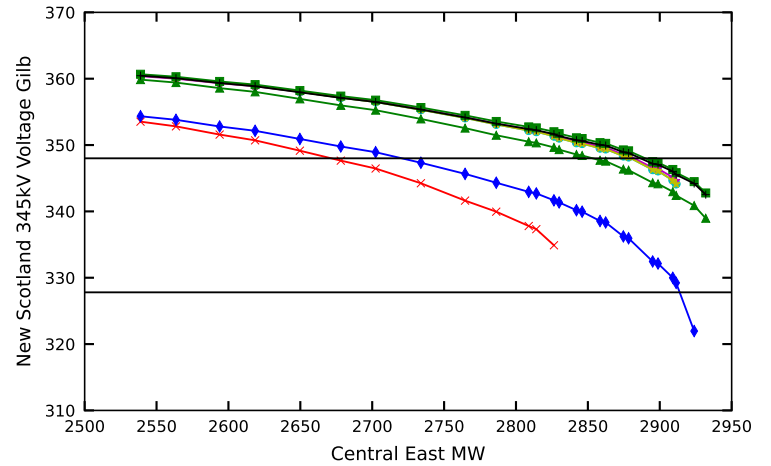
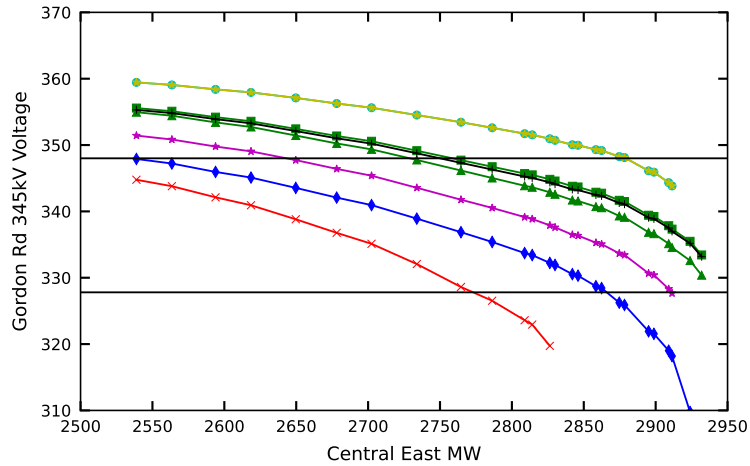
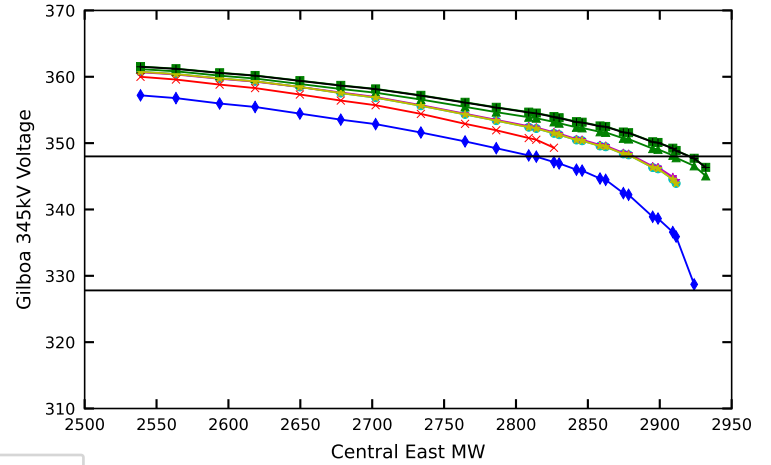
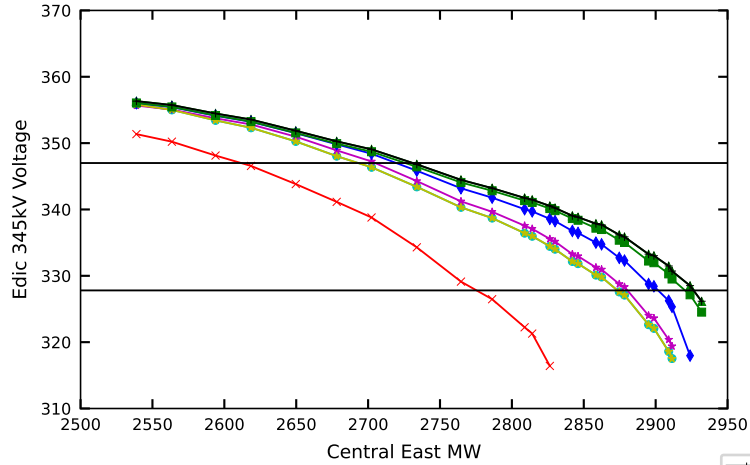
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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 30 FE1 OS

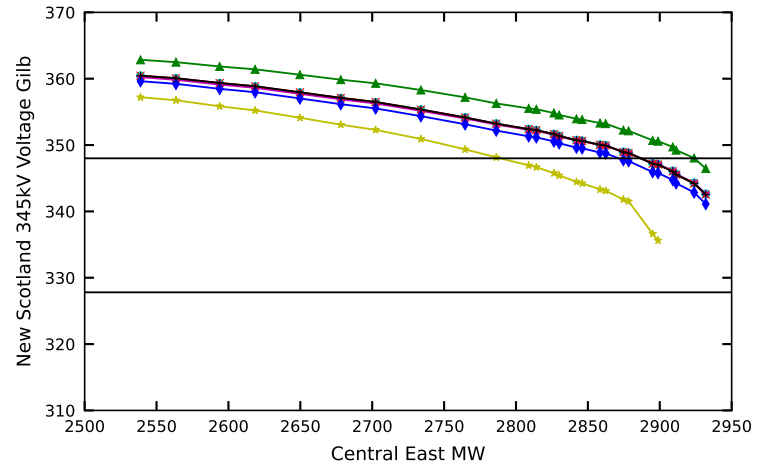
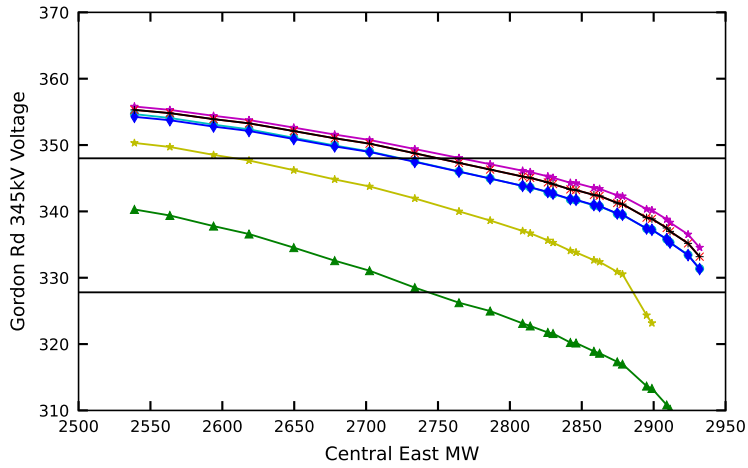
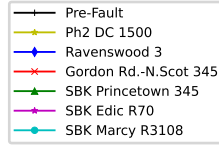
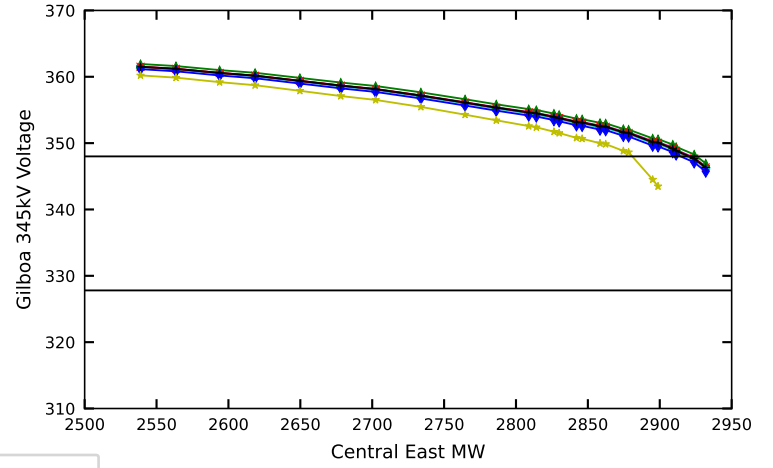
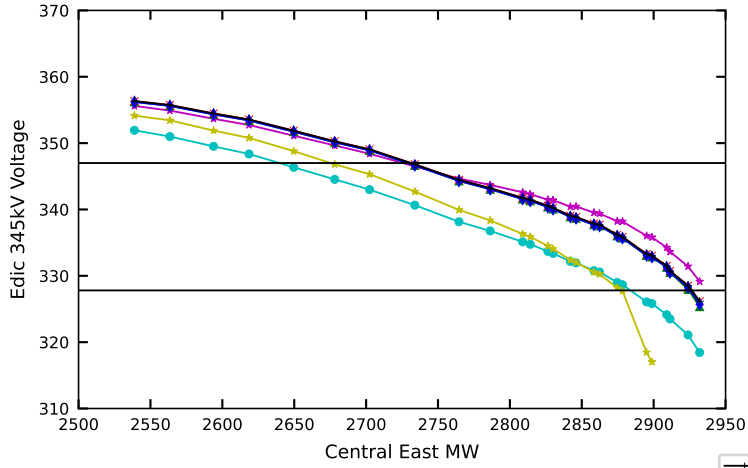
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
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>E						
99999	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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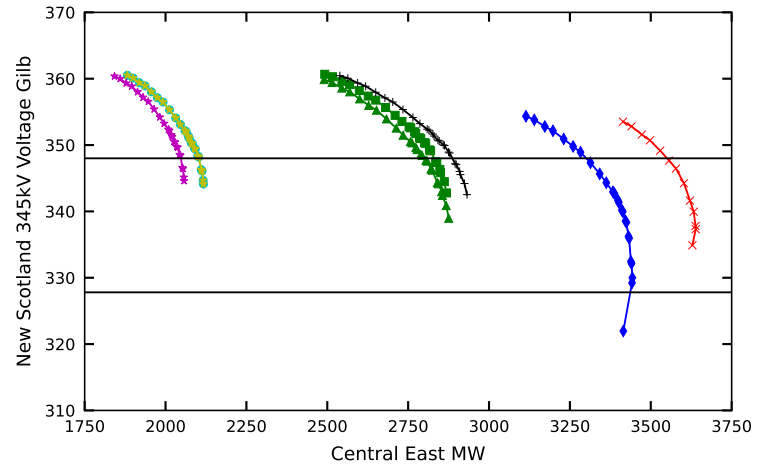
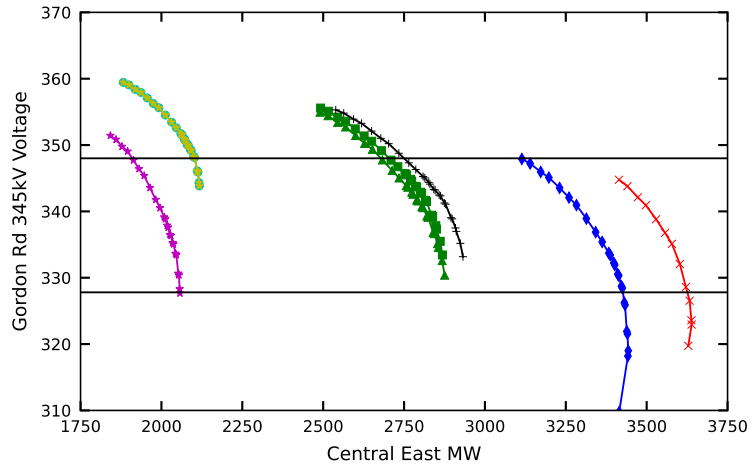
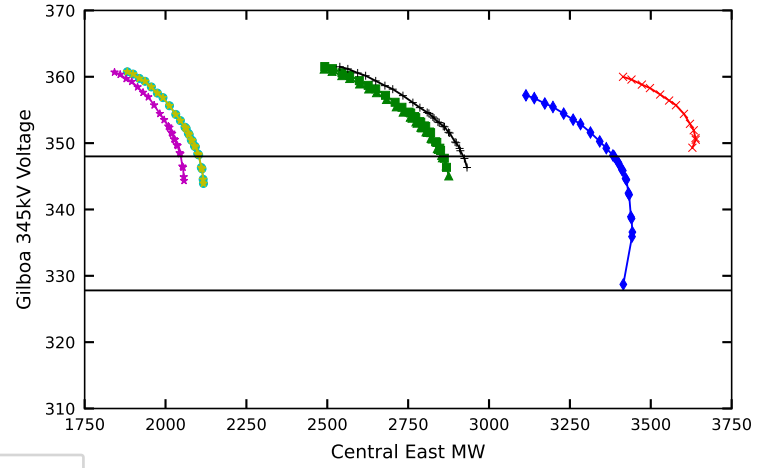
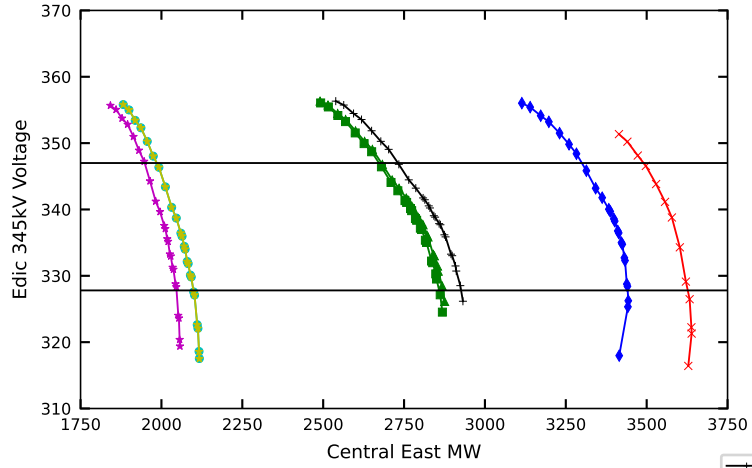
1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BYP Figure 1



1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BYP Figure 2

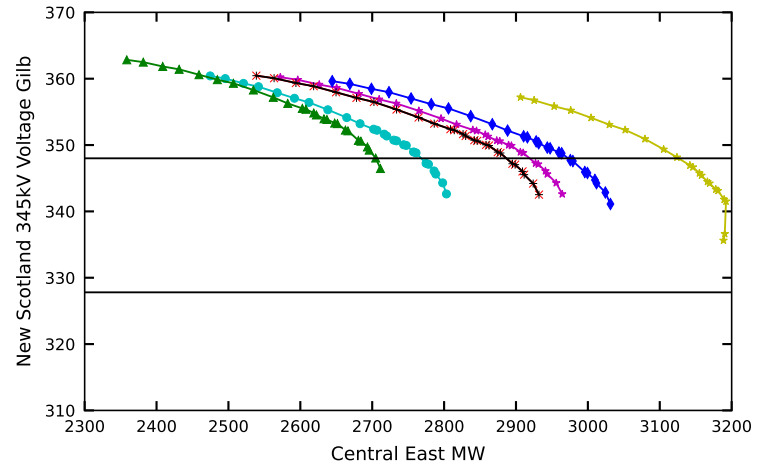
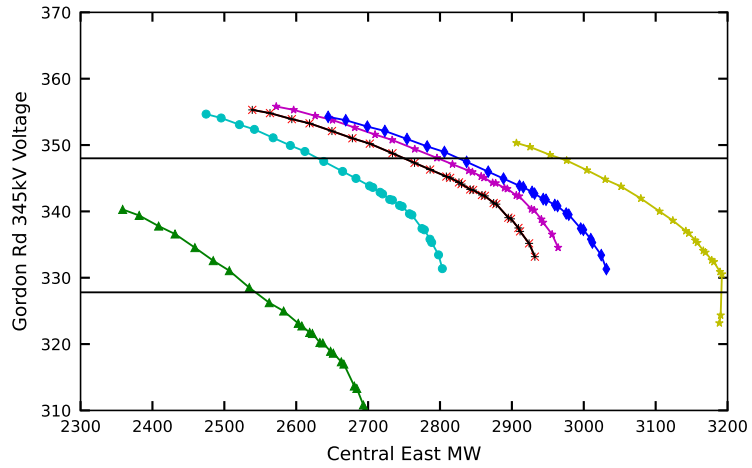
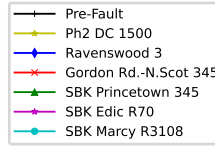
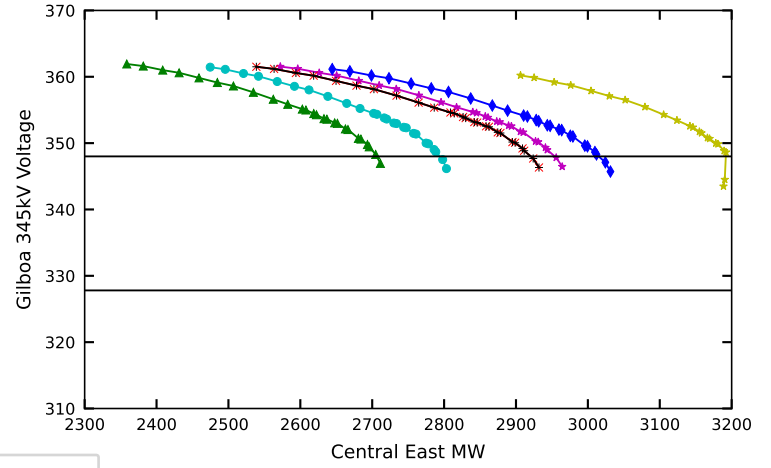
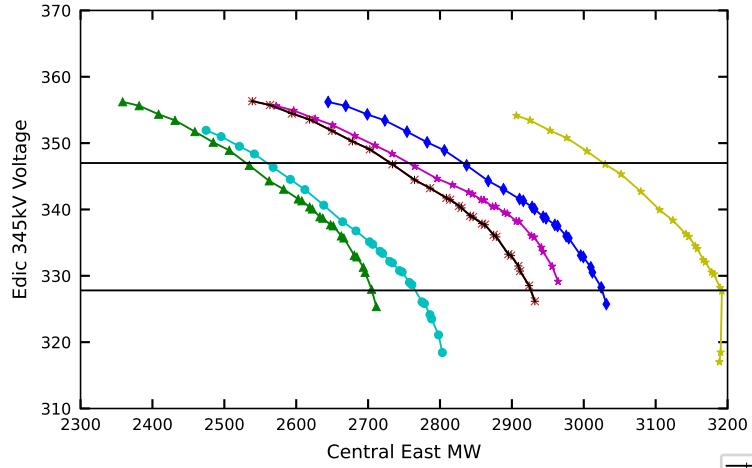


1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BYF Figure 1



- +— Pre-Fault
- Volney-Marcy
- ▲— SBK Edic R945
- ◆— Marcy South S.
- ×— Marcy South N.
- ▲— N.Scot-Leeds 345
- ◆— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BYP Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\KNICK_SC_BYP\Sum2023_CEVC_PH2_3O_KNICK_SC_BYP.xlsx

1: 2023S CEVC PH2 CE2530 MS2270 DE1300 3O KNICK_SC_BYP

Interface: Central East

Transfer MW		base	ce01	ce02	ce03	ce07	ce08	ce11	ce13	ce15	ce20	ce30	ce31	log09	log15
2538	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2563	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2593	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2618	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2649	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2678	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2702	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2733	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2764	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2786	t10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2808	t11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2814	t12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2826	t13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2830	t14	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2842	t15	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2846	t16	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2858	t17	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2862	t18	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2874	t19	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2878	t20	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2895	t21	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2898	t22	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2909	t23	0	0	0	0	2	0	0	0	0	0	0	0	0	2
2911	t24	0	0	0	0	2	0	0	0	0	0	0	0	0	2
2923	t25	0	2	2	0	2	0	2	0	0	0	0	0	0	2
2931	t26	0	2	2	0	2	2	2	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 3O KNICK_SC_BYP

Interface: Central East

Rd.-

N.Scot

345

log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
--------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Ravens

wood 3

log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
--------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Ph2 DC

1500

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BYB

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2459 <E	Dunwoodie 345kV Voltage	Pre-Fault	113.4	NA	348	2459
2471 <E	Sprain Brook 345kV Voltage	Pre-Fault	113.6	NA	348	2471
2673	limit with 5% margin	Marcy South N.	NA	NA	NA	3457
2717	Marcy 345kV Voltage	Pre-Fault	13.8	NA	348	2717
2731	Edic 345kV Voltage	Pre-Fault	13.9	NA	347	2731
2734	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3032
2743	Gordon Rd 345kV Voltage	SBK Princetown 345	13.5	327.8	348.3	2543
2749	Gordon Rd 345kV Voltage	Pre-Fault	21.3	NA	348	2749
2763	limit with 5% margin	Marcy South S.	NA	NA	NA	3270
2765	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2011
2765	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1954
2765	limit with 5% margin	SBK Edic R945	NA	NA	NA	2011
2773	Gordon Rd 345kV Voltage	Marcy South N.	10.5	327.8	346.9	3625
2775	Edic 345kV Voltage	Marcy South N.	8.2	327.8	343.8	3626
2777	Marcy 345kV Voltage	Marcy South N.	8.1	327.8	343.7	3628
2785	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2731
2785	limit with 5% margin	Volney-Marcy	NA	NA	NA	2725
2785	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2663
2785	limit with 5% margin	SBK Edic R70	NA	NA	NA	2816
2785	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2575
2785	limit with 5% margin	Gordon Rd.-N.Scot 345	NA	NA	NA	2785
2785	limit with 5% margin	Ravenswood 3	NA	NA	NA	2879
2794	Millwood 345kV Voltage	Pre-Fault	91.6	NA	348	2794
2816 >E	Clay 345kV Voltage	Marcy South N.	6.7	327.8	346.9	3639
2824 >E	Oakdale 345kV Voltage	Marcy South N.	5.7	320	345.2	3640
2850	Pannell Road 345kV Voltage	Pre-Fault	28.4	NA	346	2850
2852	Station 80 345kV Voltage	Pre-Fault	26.8	NA	346	2852
2854	Clay 345kV Voltage	Pre-Fault	20.4	NA	345	2854
2864	Buchanan North 345kV Voltage	Pre-Fault	39.0	NA	346	2864
2865	Gordon Rd 345kV Voltage	Marcy South S.	5.6	327.8	342.0	3426
2870	Marcy 345kV Voltage	SBK Edic R945	5.4	327.8	336.6	2097
2870	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	336.6	2097
2873	Edic 345kV Voltage	SBK Edic R945	5.5	327.8	336.3	2098
2873	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	336.3	2098
2877	Edic 345kV Voltage	Ph2 DC 1500	7.3	327.8	335.9	3191
2878 >E	Marcy 345kV Voltage	Ph2 DC 1500	7.3	327.8	335.8	3192
2880	Edic 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	335.6	2046
2883	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	334.9	2047
2883	Edic 345kV Voltage	SBK Marcy R3108	6.5	327.8	335.0	2765
2886	New Scotland 345kV Voltage Alps	Pre-Fault	10.4	NA	348	2886
2886	New Scotland 345kV Voltage Gilb	Pre-Fault	10.4	NA	348	2886

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2897 >E	Pannell Road 345kV Voltage	Marcy South N.	11.4	327.8	345.3	3651
2901	Edic 345kV Voltage	Marcy South S.	4.7	327.8	332.6	3441
2902	Marcy 345kV Voltage	Marcy South S.	4.7	327.8	332.3	3441
2904	Coopers Corners 345kV Voltage	SBK Edic R945	4.2	327.8	339.9	2114
2904	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	339.9	2114
2906 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	10.4	327.8	339.7	3212
2907	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	339.5	2055
2909	Oakdale 345kV Voltage	Pre-Fault	2.8	NA	335	2909
2910	Rock Tavern 345kV Voltage	Pre-Fault	10.6	NA	348	2910
2910	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	3.5	327.8	337.1	2057
2912 >E	Fraser 345kV Voltage	SBK Edic R945	2.4	327.8	338.5	2117
2912 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.4	327.8	338.5	2117
2912 >E	Oakdale 345kV Voltage	SBK Edic R945	2.0	320	333.9	2117
2913 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.0	320	333.8	2117
2914 >E	Clay 345kV Voltage	SBK Edic R945	2.5	327.8	338.9	2118
2914 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.5	327.8	338.9	2118
2915 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	2.6	327.8	337.8	2058
2915 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.1	320	333.0	2058
2915	Fraser 345kV Voltage	Pre-Fault	5.9	NA	338	2915
2918 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	337.7	2060
2919 >E	New Scotland 345kV Voltage Alps	Marcy South N.	11.0	327.8	349.2	3654
2919 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	11.0	327.8	349.2	3654
2919	Coopers Corners 345kV Voltage	Pre-Fault	8.5	NA	338	2919
2919 >E	New Scotland 345kV Voltage Alps	Marcy South S.	4.8	327.8	345.0	3445
2919 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	4.8	327.8	345.0	3445
2920	Edic 345kV Voltage	Volney-Marcy	5.3	327.8	329.1	2858
2920	Gilboa 345kV Voltage	Pre-Fault	10.7	NA	348	2920
2921	Marcy 345kV Voltage	Volney-Marcy	5.3	327.8	328.7	2859
2924	Edic 345kV Voltage	SBK Princetown 345	3.1	327.8	328.4	2705
2924	Marcy 345kV Voltage	SBK Princetown 345	3.1	327.8	328.2	2705
2925	Edic 345kV Voltage	Ravenswood 3	3.2	327.8	328.1	3025
2925	Marcy 345kV Voltage	Ravenswood 3	3.2	327.8	327.9	3025
2925	Marcy 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	327.8	2869
2925	Marcy 345kV Voltage	SBK Edic R70	3.4	327.8	327.8	2958
2925	Marcy 345kV Voltage	Gordon Rd.-N.Scot 345	3.4	327.8	327.8	2925
2925	Marcy 345kV Voltage	SBK Marcy R3108	3.4	327.8	327.8	2799
2926	Edic 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	327.8	2869
2926	Edic 345kV Voltage	Gordon Rd.-N.Scot 345	3.4	327.8	327.8	2926
2933 >E	Pleasant Valley 345kV Voltage	Pre-Fault	9.8	NA	348	2933
2933 >E	Buchanan South 345kV Voltage	Pre-Fault	9.0	NA	346	2933
2936 >E	Edic 345kV Voltage	SBK Edic R70	3.5	327.8	324.8	2969

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2938 >E	Clay 345kV Voltage	SBK Marcy R3108	3.8	327.8	334.7	2807
2941 >E	Pannell Road 345kV Voltage	SBK Edic R945	3.5	327.8	336.5	2129
2941 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	330.8	2884
2941 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	3.5	327.8	336.4	2130
2942 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.8	320	325.6	2810
2944 >E	Station 80 345kV Voltage	Marcy South N.	13.7	327.8	344.8	3658
2945 >E	Gordon Rd 345kV Voltage	Ravenswood 3	3.8	327.8	329.8	3043
2945 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	3.9	327.8	329.7	2812
2946 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	335.4	2071
2946 >E	Coopers Corners 345kV Voltage	Ravenswood 3	3.9	327.8	332.2	3044
2948 >E	Station 80 345kV Voltage	SBK Edic R945	3.6	327.8	335.3	2132
2948 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	335.2	2133
2950 >E	Oakdale 345kV Voltage	Volney-Marcy	2.9	320	323.1	2883
2951 >E	Ramapo 345kV Voltage	Pre-Fault	10.0	NA	346	2951
2951 >E	Ramapo 500kV Voltage	Ph2 DC 1500	26.9	500	506.9	3245
2952 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	334.3	2074
2953 >E	Gilboa 345kV Voltage	Marcy South S.	5.0	327.8	345.5	3453
2953 >E	Gordon Rd 345kV Voltage	Gordon Rd.-N.Scot 345	4.0	327.8	327.8	2953
2953 >E	Oakdale 345kV Voltage	Ravenswood 3	2.9	320	321.8	3050
2954 >E	Gordon Rd 345kV Voltage	Volney-Marcy	3.9	327.8	327.7	2886
2954 >E	Clay 345kV Voltage	Volney-Marcy	4.1	327.8	331.1	2886
2954 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.9	320	321.7	2729
2954 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	327.8	2897
2954 >E	Fraser 345kV Voltage	SBK Marcy R3108	3.5	327.8	327.8	2817
2954 >E	Fraser 345kV Voltage	SBK Edic R70	3.5	327.8	327.8	2987
2954 >E	Fraser 345kV Voltage	Gordon Rd.-N.Scot 345	3.5	327.8	327.8	2954
2954 >E	Fraser 345kV Voltage	Ravenswood 3	3.5	327.8	327.8	3051
2954 >E	Fraser 345kV Voltage	Volney-Marcy	3.5	327.8	327.8	2887
2954 >E	Fraser 345kV Voltage	SBK Princetown 345	3.5	327.8	327.8	2729
2955 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	3.9	327.8	330.2	2730
2958 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.0	320	320.2	2901
2959 >E	Oakdale 345kV Voltage	Gordon Rd.-N.Scot 345	3.0	320	320.0	2959
2959 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.1	327.8	329.3	2992
2959 >E	Gordon Rd 345kV Voltage	SBK Edic R70	4.1	327.8	326.4	2992
2960 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	329.1	2903
2961 >E	Oakdale 345kV Voltage	SBK Edic R70	3.0	320	319.3	2994
2962 >E	Clay 345kV Voltage	SBK Princetown 345	4.1	327.8	329.3	2735
2963 >E	Clay 345kV Voltage	Ravenswood 3	4.2	327.8	329.0	3059
2964 >E	Ladentown 345kV Voltage	Pre-Fault	9.7	NA	346	2964
2964 >E	Ramapo 500kV Voltage	Ravenswood 3	15.8	500	505.5	3060
2965 >E	St.Lawrence 230kV Voltage	Pre-Fault	15.1	NA	225	2965

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2966 >E	Coopers Corners 345kV Voltage	Gordon Rd.-N.Scot 345	4.4	327.8	327.8	2966
2968 >E	Ramapo 500kV Voltage	SBK Edic R945	12.3	500	504.5	2141
2968 >E	Clay 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	327.9	2910
2968 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	12.4	500	504.5	2141
2968 >E	Clay 345kV Voltage	Gordon Rd.-N.Scot 345	4.4	327.8	327.8	2968
2969 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	12.6	500	504.4	2080
2969 >E	Coopers Corners 345kV Voltage	Volney-Marcy	4.5	327.8	326.9	2900
2970 >E	Gilboa 345kV Voltage	SBK Edic R945	3.7	327.8	340.0	2142
2970 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	3.7	327.8	339.9	2142
2971 >E	Clay 345kV Voltage	Marcy South S.	6.7	327.8	333.2	3458
2974 >E	Clay 345kV Voltage	SBK Edic R70	4.5	327.8	326.5	3008
2978 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	4.1	327.8	331.4	2145
2978 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	4.1	327.8	331.4	2145
2978 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	4.1	327.8	331.4	2146
2978 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	4.1	327.8	331.4	2146
2978 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	338.7	2084
2979 >E	St.Lawrence 230kV Voltage	SBK Edic R945	9.3	218.5	220.5	2145
2979 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	4.2	327.8	332.7	2921
2979 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	4.2	327.8	332.7	2921
2979 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	5.4	327.8	332.3	2834
2980 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	9.5	218.5	220.4	2146
2981 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	4.9	327.8	324.3	2835
2982 >E	Leeds 345kV Voltage	Pre-Fault	7.4	NA	345	2982
2983 >E	Fraser 345kV Voltage	Marcy South S.	6.5	327.8	327.8	3461
2984 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	4.3	327.8	330.2	2087
2984 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	4.3	327.8	330.2	2087
2985 >E	Dunwoodie 345kV Voltage	Ravenswood 3	7.4	327.8	335.7	3078
2985 >E	Clay 345kV Voltage	Ph2 DC 1500	11.1	327.8	338.0	3269
2985 >E	Gordon Rd 345kV Voltage	SBK Edic R945	4.6	327.8	320.5	2148
2986 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	4.7	327.8	320.4	2149
2986 >E	Sprain Brook 345kV Voltage	Ravenswood 3	7.4	327.8	335.8	3079
2987 >E	Roseton 345kV Voltage	Pre-Fault	10.5	NA	345	2987
2990 >E	Bowline 1 345kV Voltage	Pre-Fault	9.9	NA	345	2990
2992 >E	Oakdale 345kV Voltage	Marcy South S.	5.5	320	320.1	3463
2993 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	4.6	327.8	329.7	3085
2993 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	4.6	327.8	329.7	3085
2993 >E	Pannell Road 345kV Voltage	Volney-Marcy	5.7	327.8	329.9	2919
2994 >E	Bowline 2 345kV Voltage	Pre-Fault	9.8	NA	345	2994
2998 >E	Pannell Road 345kV Voltage	Ravenswood 3	5.7	327.8	329.1	3089
2998 >E	Pannell Road 345kV Voltage	SBK Princetown 345	5.6	327.8	329.1	2765
2999 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	10.9	218.5	218.2	2093

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2999 >E	Station 80 345kV Voltage	SBK Marcy R3108	6.3	327.8	331.5	2847
3001 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	9.7	218.5	222.6	2848
3002 >E	New Scotland 345kV Voltage Alps	Gordon Rd.-N.Scot 345	4.8	327.8	327.8	3002
3002 >E	New Scotland 345kV Voltage Gilb	Gordon Rd.-N.Scot 345	4.8	327.8	327.8	3002
3002 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	4.7	327.8	327.8	2927
3002 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	4.7	327.8	327.8	2927
3003 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	4.8	327.8	327.7	3038
3003 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	4.8	327.8	327.7	3038
3003 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	4.8	327.8	327.6	2850
3003 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	4.8	327.8	327.6	2850
3004 >E	Leeds 345kV Voltage	Marcy South S.	6.2	327.8	348.9	3466
3005 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	327.9	2947
3006 >E	Pannell Road 345kV Voltage	Gordon Rd.-N.Scot 345	6.0	327.8	327.8	3006
3008 >E	Buchanan North 345kV Voltage	Ravenswood 3	8.0	327.8	335.4	3098
3010 >E	Millwood 345kV Voltage	Ravenswood 3	7.6	327.8	335.7	3100
3010 >E	Pannell Road 345kV Voltage	SBK Edic R70	6.1	327.8	327.1	3045
3013 >E	Station 80 345kV Voltage	Volney-Marcy	6.6	327.8	329.5	2936
3015 >E	Station 80 345kV Voltage	Ravenswood 3	6.6	327.8	329.2	3104
3017 >E	Station 80 345kV Voltage	SBK Princetown 345	6.5	327.8	329.0	2780
3020 >E	Rock Tavern 345kV Voltage	Ravenswood 3	6.3	327.8	334.5	3109
3022 >E	Rock Tavern 345kV Voltage	SBK Edic R945	7.2	327.8	337.5	2164
3022 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	7.2	327.8	337.5	2164
3023 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	5.3	327.8	330.8	2964
3024 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	6.9	327.8	327.9	2965
3025 >E	Station 80 345kV Voltage	Gordon Rd.-N.Scot 345	6.9	327.8	327.8	3025
3025 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	11.5	327.8	335.5	3298
3026 >E	Buchanan South 345kV Voltage	Ravenswood 3	7.8	327.8	335.7	3114
3026 >E	St.Lawrence 230kV Voltage	Volney-Marcy	11.7	218.5	221.0	2946
3026 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	5.1	327.8	322.8	2788
3026 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	5.1	327.8	322.8	2788
3029 >E	Station 80 345kV Voltage	SBK Edic R70	7.0	327.8	327.2	3064
3030 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	336.8	2105
3035 >E	Gilboa 345kV Voltage	Ravenswood 3	5.8	327.8	328.8	3122
3040 >E	Gilboa 345kV Voltage	SBK Marcy R3108	5.9	327.8	328.0	2874
3041 >E	Gilboa 345kV Voltage	Volney-Marcy	5.9	327.8	327.9	2959
3041 >E	Gilboa 345kV Voltage	Gordon Rd.-N.Scot 345	5.9	327.8	327.8	3041
3042 >E	Gilboa 345kV Voltage	SBK Edic R70	5.9	327.8	327.7	3078
3044 >E	St.Lawrence 230kV Voltage	Ravenswood 3	13.6	218.5	219.8	3130
3046 >E	Gilboa 345kV Voltage	SBK Princetown 345	6.0	327.8	327.0	2804
3046 >E	Ramapo 500kV Voltage	SBK Princetown 345	16.8	500	501.2	2804
3048 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	8.2	327.8	328.4	2988

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3048 >E	Dunwoodie 345kV Voltage	SBK Edic R70	8.3	327.8	328.3	3085
3049 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	8.2	327.8	328.4	2989
3049 >E	Sprain Brook 345kV Voltage	SBK Edic R70	8.3	327.8	328.3	3086
3050 >E	Oakdale 345kV Voltage	Ph2 DC 1500	12.1	320	333.4	3316
3050 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	6.6	327.8	330.5	2807
3050 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	8.2	327.8	328.1	2808
3051 >E	Fraser 345kV Voltage	Ph2 DC 1500	11.2	327.8	335.4	3317
3051 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	8.3	327.8	328.1	2809
3052 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	19.0	218.5	222.7	3317
3052 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	17.4	500	500.9	2992
3052 >E	Dunwoodie 345kV Voltage	Gordon Rd.-N.Scot 345	8.5	327.8	327.8	3052
3053 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	13.9	218.5	219.2	2810
3054 >E	Sprain Brook 345kV Voltage	Gordon Rd.-N.Scot 345	8.5	327.8	327.8	3054
3055 >E	Rock Tavern 345kV Voltage	SBK Edic R70	6.9	327.8	329.8	3092
3055 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	329.8	2995
3057 >E	Somerset 345kV Voltage	SBK Edic R945	6.8	327.8	336.2	2179
3057 >E	Dunwoodie 345kV Voltage	Volney-Marcy	8.7	327.8	327.2	2973
3057 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	336.1	2179
3058 >E	Ramapo 500kV Voltage	SBK Edic R70	17.7	500	500.6	3095
3059 >E	Ramapo 345kV Voltage	Ravenswood 3	8.5	327.8	335.2	3143
3059 >E	Sprain Brook 345kV Voltage	Volney-Marcy	8.7	327.8	327.2	2974
3060 >E	St.Lawrence 230kV Voltage	Marcy South N.	25.9	218.5	228.7	3675
3061 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	13.4	327.8	342.1	3324
3061 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	13.4	327.8	342.1	3324
3063 >E	St.Lawrence 230kV Voltage	Gordon Rd.-N.Scot 345	15.1	218.5	218.5	3063
3063 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	9.0	327.8	326.5	2889
3064 >E	Ladentown 345kV Voltage	Ravenswood 3	8.3	327.8	335.8	3147
3064 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	15.1	218.5	218.4	3004
3065 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	9.0	327.8	326.5	2890
3068 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	7.2	327.8	335.0	2121
3069 >E	Buchanan North 345kV Voltage	SBK Princetown 345	8.8	327.8	328.8	2823
3069 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	8.8	327.8	328.8	3009
3069 >E	Ramapo 500kV Voltage	Pre-Fault	19.1	NA	500	3069
3069 >E	Ramapo 500kV Voltage	Gordon Rd.-N.Scot 345	19.1	500	500.0	3069
3070 >E	Rock Tavern 345kV Voltage	Gordon Rd.-N.Scot 345	7.5	327.8	327.8	3070
3070 >E	Buchanan North 345kV Voltage	SBK Edic R70	8.9	327.8	328.7	3107
3071 >E	Ramapo 500kV Voltage	Volney-Marcy	19.7	500	499.9	2984
3072 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	8.4	327.8	328.6	3011
3072 >E	Millwood 345kV Voltage	SBK Edic R70	8.5	327.8	328.5	3110
3073 >E	St.Lawrence 230kV Voltage	SBK Edic R70	16.1	218.5	217.8	3111
3075 >E	Millwood 345kV Voltage	SBK Princetown 345	8.4	327.8	328.3	2828

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3078 >E	Ramapo 500kV Voltage	SBK Marcy R3108	20.7	500	499.5	2899
3078 >E	Bowline 1 345kV Voltage	Ravenswood 3	8.3	327.8	336.1	3160
3079 >E	Buchanan North 345kV Voltage	Gordon Rd.-N.Scot 345	9.3	327.8	327.8	3079
3079 >E	Millwood 345kV Voltage	Gordon Rd.-N.Scot 345	8.8	327.8	327.8	3079
3081 >E	Bowline 2 345kV Voltage	Ravenswood 3	8.3	327.8	336.1	3163
3081 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	8.9	327.8	332.8	3163
3083 >E	Rock Tavern 345kV Voltage	Volney-Marcy	8.1	327.8	326.1	2994
3084 >E	Pannell Road 345kV Voltage	Marcy South S.	13.0	327.8	332.7	3486
3085 >E	Millwood 345kV Voltage	Volney-Marcy	9.0	327.8	327.1	2996
3086 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	16.7	327.8	336.5	3342
3086 >E	Buchanan North 345kV Voltage	Volney-Marcy	9.7	327.8	327.0	2997
3088 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	8.6	327.8	328.8	3027
3089 >E	Buchanan South 345kV Voltage	SBK Edic R70	8.7	327.8	328.7	3127
3090 >E	Buchanan South 345kV Voltage	SBK Princetown 345	8.6	327.8	328.6	2840
3093 >E	Millwood 345kV Voltage	SBK Marcy R3108	9.3	327.8	326.1	2909
3096 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	10.1	327.8	325.9	2911
3097 >E	Buchanan South 345kV Voltage	Gordon Rd.-N.Scot 345	9.0	327.8	327.8	3097
3101 >E	Watercure 230kV Voltage	SBK Edic R945	9.3	207	224.0	2197
3102 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	8.8	327.8	323.6	2914
3104 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	9.5	207	223.9	2199
3105 >E	Buchanan South 345kV Voltage	Volney-Marcy	9.3	327.8	326.9	3012
3109 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	7.4	327.8	327.8	3048
3109 >E	Leeds 345kV Voltage	Volney-Marcy	7.4	327.8	327.8	3016
3109 >E	Leeds 345kV Voltage	SBK Marcy R3108	7.4	327.8	327.8	2919
3109 >E	Leeds 345kV Voltage	SBK Edic R70	7.4	327.8	327.8	3148
3109 >E	Leeds 345kV Voltage	SBK Princetown 345	7.4	327.8	327.8	2856
3109 >E	Leeds 345kV Voltage	Gordon Rd.-N.Scot 345	7.4	327.8	327.8	3109
3109 >E	Leeds 345kV Voltage	Ravenswood 3	7.4	327.8	327.8	3188
3110 >E	Roseton 345kV Voltage	Ravenswood 3	9.3	327.8	333.3	3188
3110 >E	Somerset 345kV Voltage	Pre-Fault	13.7	NA	338	3110
3115 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	9.7	327.8	325.9	2923
3115 >E	Ramapo 345kV Voltage	SBK Princetown 345	9.2	327.8	329.6	2861
3118 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	9.3	327.8	329.3	3056
3119 >E	Ramapo 345kV Voltage	SBK Edic R70	9.4	327.8	329.2	3158
3120 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	9.4	327.8	328.8	3058
3124 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	9.5	327.8	328.4	3163
3125 >E	Ladentown 345kV Voltage	SBK Princetown 345	9.1	327.8	329.4	2869
3126 >E	Station 80 345kV Voltage	Ph2 DC 1500	18.6	327.8	337.0	3370
3127 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	9.2	327.8	329.3	3064
3128 >E	Ladentown 345kV Voltage	SBK Edic R70	9.2	327.8	329.2	3167
3129 >E	Pleasant Valley 345kV Voltage	Marcy South S.	13.4	327.8	341.7	3497

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3130 >E	Pleasant Valley 345kV Voltage	Gordon Rd.-N.Scot 345	9.8	327.8	327.8	3130
3130 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	9.5	327.8	327.7	2873
3133 >E	Ramapo 345kV Voltage	Gordon Rd.-N.Scot 345	10.0	327.8	327.8	3133
3137 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	10.0	327.8	327.1	3039
3139 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	11.0	207	222.4	2150
3141 >E	Ladentown 345kV Voltage	Gordon Rd.-N.Scot 345	9.7	327.8	327.8	3141
3142 >E	St.Lawrence 230kV Voltage	Marcy South S.	24.4	218.5	222.2	3500
3142 >E	Bowline 1 345kV Voltage	SBK Princetown 345	9.1	327.8	329.6	2883
3143 >E	Station 80 345kV Voltage	Marcy South S.	16.0	327.8	332.2	3500
3144 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	9.2	327.8	329.4	3081
3145 >E	Bowline 1 345kV Voltage	SBK Edic R70	9.3	327.8	329.3	3185
3145 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	10.3	327.8	326.3	2943
3145 >E	Bowline 2 345kV Voltage	SBK Princetown 345	9.1	327.8	329.6	2885
3145 >E	Ramapo 345kV Voltage	Volney-Marcy	10.5	327.8	326.6	3046
3147 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	9.2	327.8	329.4	3084
3148 >E	Buchanan North 345kV Voltage	SBK Edic R945	15.7	327.8	334.0	2217
3148 >E	Bowline 2 345kV Voltage	SBK Edic R70	9.2	327.8	329.3	3188
3149 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	15.8	327.8	333.9	2218
3153 >E	Ladentown 345kV Voltage	Volney-Marcy	10.2	327.8	326.6	3052
3153 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	9.9	327.8	329.2	3090
3154 >E	Roseton 345kV Voltage	SBK Princetown 345	9.9	327.8	329.1	2892
3154 >E	Roseton 345kV Voltage	SBK Edic R70	10.0	327.8	329.1	3195
3160 >E	Bowline 1 345kV Voltage	Gordon Rd.-N.Scot 345	9.9	327.8	327.8	3160
3162 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	16.4	327.8	333.3	2159
3162 >E	Ramapo 345kV Voltage	SBK Marcy R3108	11.1	327.8	324.9	2954
3163 >E	Bowline 2 345kV Voltage	Gordon Rd.-N.Scot 345	9.8	327.8	327.8	3163
3164 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	9.8	327.8	327.8	2225
3164 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	9.8	327.8	327.8	2160
3164 >E	Leeds 345kV Voltage	SBK Edic R945	9.8	327.8	327.8	2224
3168 >E	Roseton 345kV Voltage	Gordon Rd.-N.Scot 345	10.5	327.8	327.8	3168
3168 >E	Ladentown 345kV Voltage	SBK Marcy R3108	10.7	327.8	325.0	2958
3172 >E	Bowline 1 345kV Voltage	Volney-Marcy	10.3	327.8	326.5	3068
3175 >E	Bowline 2 345kV Voltage	Volney-Marcy	10.2	327.8	326.5	3070
3176 >E	Ramapo 345kV Voltage	SBK Edic R945	14.1	327.8	336.0	2229
3177 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	14.1	327.8	335.9	2230
3180 >E	Roseton 345kV Voltage	Volney-Marcy	11.0	327.8	326.6	3075
3189 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	10.9	327.8	324.8	2972
3192 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	14.7	327.8	335.2	2172
3192 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	10.8	327.8	324.8	2974
3196 >E	Roseton 345kV Voltage	SBK Marcy R3108	11.5	327.8	325.2	2976
3205 >E	Fraser 345kV Voltage	Marcy South N.	18.4	327.8	327.8	3697

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\KNICK_SC_BY_P\Sum2023_CEVC_PH2_30_KNICK_SC_BY_P.xlsx

1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3207 >E	Somerset 345kV Voltage	SBK Marcy R3108	12.5	327.8	330.9	2983
3215 >E	Ladentown 345kV Voltage	SBK Edic R945	14.8	327.8	335.9	2246
3216 >E	Somerset 345kV Voltage	Ravenswood 3	12.7	327.8	330.2	3282
3216 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	14.8	327.8	335.9	2247
3220 >E	Roseton 345kV Voltage	SBK Edic R945	13.8	327.8	334.4	2248
3221 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	13.9	327.8	334.3	2249
3225 >E	Buchanan South 345kV Voltage	SBK Edic R945	17.1	327.8	333.9	2250
3226 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	17.2	327.8	333.8	2251
3228 >E	Somerset 345kV Voltage	SBK Princetown 345	12.9	327.8	329.4	2952
3228 >E	Somerset 345kV Voltage	Volney-Marcy	13.1	327.8	329.4	3114
3232 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	15.5	327.8	335.1	2188
3234 >E	Ramapo 500kV Voltage	Marcy South N.	54.5	500	503.6	3701
3236 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	14.4	327.8	333.5	2190
3239 >E	Millwood 345kV Voltage	SBK Edic R945	19.0	327.8	332.8	2256
3240 >E	Bowline 1 345kV Voltage	SBK Edic R945	14.9	327.8	336.4	2256
3240 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	19.0	327.8	332.7	2257
3241 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	14.9	327.8	336.3	2258
3243 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	17.9	327.8	333.1	2193
3246 >E	Bowline 2 345kV Voltage	SBK Edic R945	14.8	327.8	336.5	2259
3247 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	14.9	327.8	336.4	2260
3249 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	327.9	3183
3250 >E	Somerset 345kV Voltage	Gordon Rd.-N.Scot 345	13.7	327.8	327.8	3250
3254 >E	Somerset 345kV Voltage	SBK Edic R70	13.9	327.8	327.5	3298
3256 >E	Sprain Brook 345kV Voltage	SBK Edic R945	23.0	327.8	332.0	2263
3258 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	23.1	327.8	332.0	2265
3258 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	19.8	327.8	332.0	2199
3259 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	15.6	327.8	335.5	2199
3259 >E	Gilboa 345kV Voltage	Ph2 DC 1500	18.3	327.8	341.0	3467
3260 >E	Dunwoodie 345kV Voltage	SBK Edic R945	23.4	327.8	332.0	2265
3262 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	23.5	327.8	331.9	2267
3264 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	16.2	327.8	330.7	2267
3265 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	16.2	327.8	330.7	2268
3265 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	15.5	327.8	335.6	2202
3277 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	24.0	327.8	331.4	2207
3281 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	16.8	327.8	329.9	2208
3281 >E	Gilboa 345kV Voltage	Marcy South N.	20.6	327.8	342.1	3708
3281 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	24.4	327.8	331.3	2208
3290 >E	Ramapo 500kV Voltage	Marcy South S.	54.4	500	505.2	3537
3301 >E	Niagara 345kV Voltage	SBK Edic R945	13.4	327.8	338.9	2282
3303 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	13.4	327.8	338.8	2284
3310 >E	Niagara 230kV East Voltage	SBK Edic R945	28.3	218.5	225.7	2286

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3310 >E	Niagara 230kV West Voltage	SBK Edic R945	28.3	218.5	225.7	2286
3312 >E	Roseton 345kV Voltage	Marcy South S.	17.6	327.8	337.3	3542
3313 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	28.5	218.5	225.7	2288
3313 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	28.5	218.5	225.7	2288
3313 >E	Millwood 345kV Voltage	Marcy South S.	22.9	327.8	334.0	3542
3313 >E	Dunwoodie 345kV Voltage	Marcy South S.	26.5	327.8	333.0	3542
3314 >E	Rainey 345kV Voltage	Ravenswood 3	19.9	327.8	341.1	3368
3318 >E	Sprain Brook 345kV Voltage	Marcy South S.	26.5	327.8	332.9	3543
3323 >E	Somerset 345kV Voltage	Marcy South N.	25.1	327.8	348.6	3715
3327 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	14.2	327.8	337.6	2227
3339 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	30.2	218.5	225.2	2232
3339 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	30.2	218.5	225.2	2232
3339 >E	Farragut 345kV Voltage	Ravenswood 3	21.0	327.8	340.3	3390
3398 >E	Leeds 345kV Voltage	Marcy South N.	23.1	327.8	349.3	3726
3408 >E	Rainey 345kV Voltage	Pre-Fault	30.5	NA	338	3408
3413 >E	Farragut 345kV Voltage	Pre-Fault	31.8	NA	338	3413
3414 >E	Buchanan South 345kV Voltage	Marcy South S.	24.9	327.8	332.1	3567
3428 >E	Rock Tavern 345kV Voltage	Marcy South S.	18.4	327.8	316.3	3571
3461 >E	Buchanan North 345kV Voltage	Marcy South S.	28.5	327.8	328.2	3579
3528 >E	Goethals 345kV Voltage	Ravenswood 3	28.6	327.8	339.0	3557
3537 >E	Watercure 230kV Voltage	Ph2 DC 1500	30.2	207	222.5	3667
3543 >E	Niagara 345kV Voltage	Pre-Fault	30.8	NA	338	3543
3570 >E	Goethals 345kV Voltage	Pre-Fault	42.5	NA	338	3570
3594 >E	Somerset 345kV Voltage	Ph2 DC 1500	32.8	327.8	339.7	3708
3599 >E	Niagara 230kV East Voltage	Pre-Fault	82.1	NA	225	3599
3599 >E	Niagara 230kV West Voltage	Pre-Fault	82.1	NA	225	3599
3626 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	45.6	327.8	341.4	3731
3627 >E	Gardenville 230kV Voltage	SBK Edic R945	27.1	207	221.6	2420
3634 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	27.3	207	221.4	2425
3654 >E	Leeds 345kV Voltage	Ph2 DC 1500	29.1	327.8	343.7	3751
3654 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	37.3	327.8	343.1	3751
3676 >E	Ramapo 345kV Voltage	Marcy South S.	30.8	327.8	324.2	3632
3681 >E	Somerset 345kV Voltage	Marcy South S.	32.4	327.8	333.0	3633
3687 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	29.3	327.8	328.8	3608
3689 >E	Coopers Corners 345kV Voltage	Marcy South S.	20.7	327.8	251.3	3635
3692 >E	Rainey 345kV Voltage	SBK Princetown 345	29.3	327.8	328.7	3331
3692 >E	Ladentown 345kV Voltage	Marcy South S.	30.8	327.8	325.7	3636
3693 >E	Rainey 345kV Voltage	SBK Edic R70	29.5	327.8	328.6	3753
3705 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	30.5	327.8	328.8	3625
3707 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	29.9	207	220.1	2383
3709 >E	Farragut 345kV Voltage	SBK Princetown 345	30.6	327.8	328.7	3345

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3711 >E	Farragut 345kV Voltage	SBK Edic R70	30.8	327.8	328.6	3772
3719 >E	Rainey 345kV Voltage	Gordon Rd.-N.Scot 345	30.5	327.8	327.8	3719
3729 >E	Niagara 345kV Voltage	Ravenswood 3	27.0	327.8	332.0	3733
3737 >E	Farragut 345kV Voltage	Gordon Rd.-N.Scot 345	31.8	327.8	327.8	3737
3744 >E	Rainey 345kV Voltage	Volney-Marcy	31.3	327.8	327.0	3543
3748 >E	Niagara 345kV Voltage	SBK Marcy R3108	27.6	327.8	331.3	3338
3763 >E	Farragut 345kV Voltage	Volney-Marcy	32.7	327.8	327.0	3559
3772 >E	Ramapo 345kV Voltage	Ph2 DC 1500	43.1	327.8	344.7	3836
3773 >E	Bowline 1 345kV Voltage	Marcy South S.	31.9	327.8	324.8	3656
3774 >E	Rainey 345kV Voltage	SBK Marcy R3108	32.4	327.8	326.0	3355
3786 >E	Niagara 345kV Voltage	SBK Princetown 345	28.5	327.8	330.1	3408
3791 >E	Niagara 345kV Voltage	Volney-Marcy	28.8	327.8	330.0	3582
3793 >E	Farragut 345kV Voltage	SBK Marcy R3108	33.8	327.8	326.0	3368
3843 >E	Bowline 2 345kV Voltage	Marcy South S.	33.9	327.8	323.0	3673
3844 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	49.5	327.8	344.3	3888
3846 >E	Ladentown 345kV Voltage	Ph2 DC 1500	43.6	327.8	345.9	3890
3854 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	30.7	327.8	327.9	3769
3854 >E	Niagara 230kV East Voltage	Ravenswood 3	64.3	218.5	221.9	3843
3854 >E	Niagara 230kV West Voltage	Ravenswood 3	64.3	218.5	221.9	3843
3858 >E	Niagara 345kV Voltage	Gordon Rd.-N.Scot 345	30.8	327.8	327.8	3858
3864 >E	Niagara 345kV Voltage	SBK Edic R70	31.1	327.8	327.6	3931
3878 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	45.5	327.8	345.4	3913
3891 >E	Millwood 345kV Voltage	Ph2 DC 1500	55.1	327.8	343.9	3922
3913 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	43.5	327.8	347.1	3938
3932 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	43.4	327.8	347.4	3952
3938 >E	Niagara 230kV East Voltage	SBK Marcy R3108	69.7	218.5	220.9	3463
3938 >E	Niagara 230kV West Voltage	SBK Marcy R3108	69.7	218.5	220.9	3463
3959 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	67.5	327.8	342.2	3971
3961 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	40.8	327.8	328.8	3873
3965 >E	Goethals 345kV Voltage	SBK Princetown 345	40.9	327.8	328.7	3554
3970 >E	Goethals 345kV Voltage	SBK Edic R70	41.3	327.8	328.6	4041
3978 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	68.9	327.8	342.2	3985
3997 >E	Niagara 230kV East Voltage	Volney-Marcy	73.3	218.5	220.2	3754
3997 >E	Niagara 230kV West Voltage	Volney-Marcy	73.3	218.5	220.2	3754
4001 >E	Niagara 230kV East Voltage	SBK Princetown 345	73.4	218.5	220.1	3583
4001 >E	Niagara 230kV West Voltage	SBK Princetown 345	73.4	218.5	220.1	3583
4004 >E	Goethals 345kV Voltage	Gordon Rd.-N.Scot 345	42.5	327.8	327.8	4004
4036 >E	Goethals 345kV Voltage	Volney-Marcy	43.7	327.8	327.0	3786
4077 >E	Goethals 345kV Voltage	SBK Marcy R3108	45.2	327.8	326.1	3554
4082 >E	Pleasant Valley 345kV Voltage	Marcy South N.	57.0	327.8	344.1	3828
4085 >E	Coopers Corners 345kV Voltage	Marcy South N.	43.4	327.8	308.5	3829

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4117 >E	Roseton 345kV Voltage	Ph2 DC 1500	51.4	327.8	346.0	4085
4119 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	81.2	218.5	218.7	4027
4119 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	81.2	218.5	218.7	4027
4132 >E	Niagara 230kV East Voltage	Gordon Rd.-N.Scot 345	82.1	218.5	218.5	4132
4132 >E	Niagara 230kV West Voltage	Gordon Rd.-N.Scot 345	82.1	218.5	218.5	4132
4132 >E	Niagara 230kV East Voltage	SBK Edic R70	82.2	218.5	218.5	4209
4132 >E	Niagara 230kV West Voltage	SBK Edic R70	82.2	218.5	218.5	4209
4137 >E	Niagara 345kV Voltage	Marcy South N.	47.9	327.8	352.2	3837
4155 >E	Niagara 230kV East Voltage	Marcy South N.	95.3	218.5	231.6	3839
4155 >E	Niagara 230kV West Voltage	Marcy South N.	95.3	218.5	231.6	3839
4656 >E	Niagara 345kV Voltage	Ph2 DC 1500	62.9	327.8	342.2	4474
4737 >E	Rainey 345kV Voltage	SBK Edic R945	70.2	327.8	334.9	2891
4746 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	70.5	327.8	334.8	2900
4755 >E	Farragut 345kV Voltage	SBK Edic R945	72.3	327.8	334.8	2899
4762 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	72.5	327.8	334.7	2907
4811 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	72.8	327.8	334.1	2835
4815 >E	Gardenville 230kV Voltage	Marcy South N.	80.6	207	233.0	3938
4828 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	74.9	327.8	334.1	2842
4847 >E	Roseton 345kV Voltage	Marcy South N.	77.5	327.8	341.1	3943
4930 >E	Buchanan North 345kV Voltage	Marcy South N.	104.6	327.8	333.7	3955
4964 >E	Niagara 230kV East Voltage	Ph2 DC 1500	143.3	218.5	226.8	4696
4964 >E	Niagara 230kV West Voltage	Ph2 DC 1500	143.3	218.5	226.8	4696
5060 >E	Millwood 345kV Voltage	Marcy South N.	110.7	327.8	337.9	3975
5079 >E	Rainey 345kV Voltage	Marcy South S.	82.9	327.8	336.3	3978
5112 >E	Farragut 345kV Voltage	Marcy South S.	85.9	327.8	336.2	3986
5235 >E	Rock Tavern 345kV Voltage	Marcy South N.	87.7	327.8	327.4	4001
5255 >E	Buchanan South 345kV Voltage	Marcy South N.	109.8	327.8	336.7	4004
5260 >E	Sprain Brook 345kV Voltage	Marcy South N.	138.5	327.8	336.7	4005
5276 >E	Dunwoodie 345kV Voltage	Marcy South N.	140.5	327.8	336.8	4007
5335 >E	Goethals 345kV Voltage	SBK Edic R945	95.6	327.8	335.4	3145
5344 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	96.0	327.8	335.3	3155
5350 >E	Niagara 345kV Voltage	Marcy South S.	80.4	327.8	334.6	4044
5419 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	98.8	327.8	334.7	3084
5526 >E	Ramapo 345kV Voltage	Marcy South N.	107.6	327.8	333.3	4044
5841 >E	Goethals 345kV Voltage	Marcy South S.	115.2	327.8	336.2	4165
5858 >E	Gardenville 230kV Voltage	Pre-Fault	165.1	NA	217	5858
5862 >E	Ladentown 345kV Voltage	Marcy South N.	116.4	327.8	333.1	4095
5873 >E	Gardenville 230kV Voltage	Ravenswood 3	107.0	207	216.9	5621
6086 >E	Gardenville 230kV Voltage	SBK Marcy R3108	115.5	207	215.6	4871
6377 >E	Bowline 1 345kV Voltage	Marcy South N.	128.3	327.8	331.4	4172
6415 >E	Bowline 2 345kV Voltage	Marcy South N.	127.8	327.8	331.6	4177

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6436 >E	Gardenville 230kV Voltage	SBK Princetown 345	127.2	207	213.5	5569
6533 >E	Gardenville 230kV Voltage	Volney-Marcy	130.9	207	212.9	5862
6817 >E	Niagara 230kV East Voltage	Marcy South S.	266.1	218.5	223.3	4406
6817 >E	Niagara 230kV West Voltage	Marcy South S.	266.1	218.5	223.3	4406
6916 >E	Gardenville 230kV Voltage	Ph2 DC 1500	148.3	207	226.7	6103
7327 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	158.7	207	208.1	7138
7509 >E	Gardenville 230kV Voltage	Gordon Rd.-N.Scot 345	165.1	207	207.0	7509
7602 >E	Gardenville 230kV Voltage	SBK Edic R70	168.3	207	206.4	7805
7773 >E	Farragut 345kV Voltage	Ph2 DC 1500	190.0	327.8	351.1	6721
7779 >E	Rainey 345kV Voltage	Ph2 DC 1500	186.5	327.8	351.6	6725
8949 >E	Goethals 345kV Voltage	Ph2 DC 1500	238.1	327.8	351.8	7569
10913 >E	Northport 138kV Voltage	Marcy South S.	632.2	131.1	134.8	5415
11210 >E	Northport 138kV Voltage	SBK Edic R945	655.0	131.1	134.7	5637
11246 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	657.8	131.1	134.7	5675
11591 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	684.6	131.1	134.3	5613
11999 >E	Watercure 230kV Voltage	Marcy South N.	596.3	207	542.4	5013
14098 >E	Rainey 345kV Voltage	Marcy South N.	420.0	327.8	342.6	5327
14206 >E	Farragut 345kV Voltage	Marcy South N.	432.6	327.8	342.4	5344
18048 >E	Goethals 345kV Voltage	Marcy South N.	587.2	327.8	343.3	5919
18270 >E	Northport 138kV Voltage	Ph2 DC 1500	1213.6	131.1	145.4	14290
25736 >E	Watercure 230kV Voltage	SBK Marcy R3108	968.7	207	458.3	17756
94620 >E	Northport 138kV Voltage	Marcy South N.	7192.8	131.1	141.2	17379
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

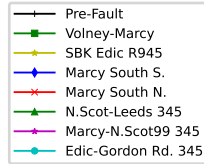
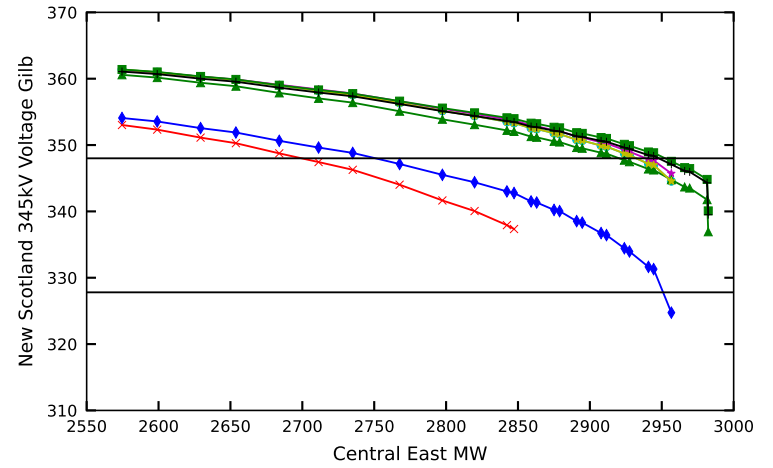
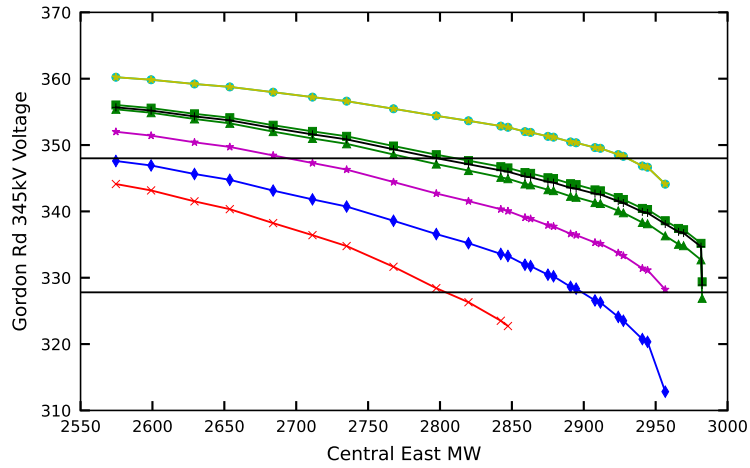
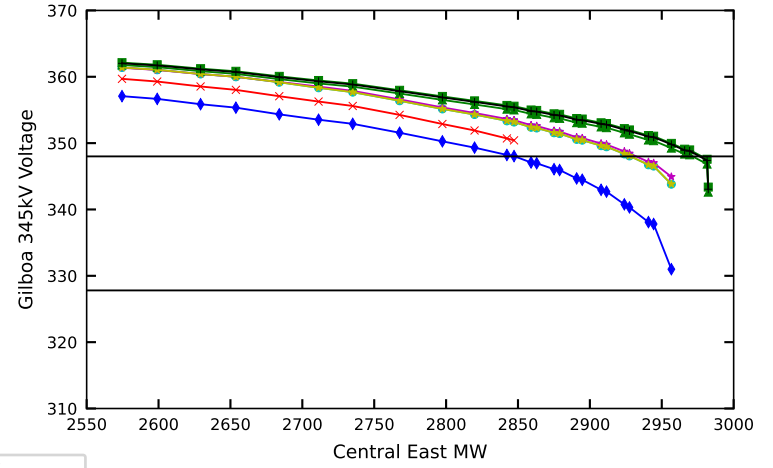
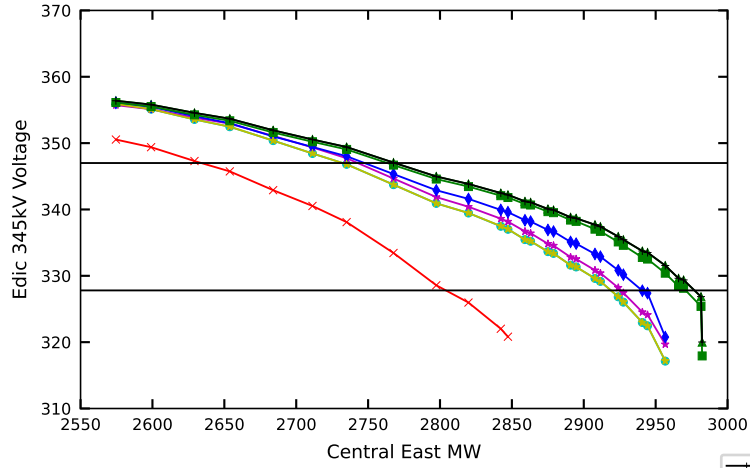
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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 30 KNICK_SC_BYP

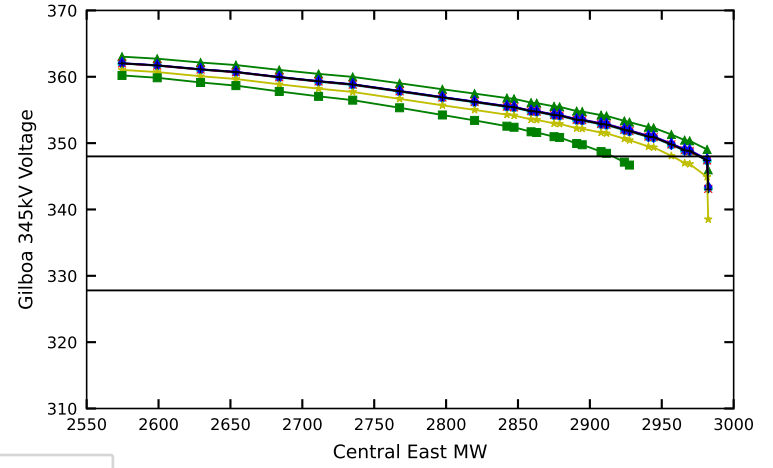
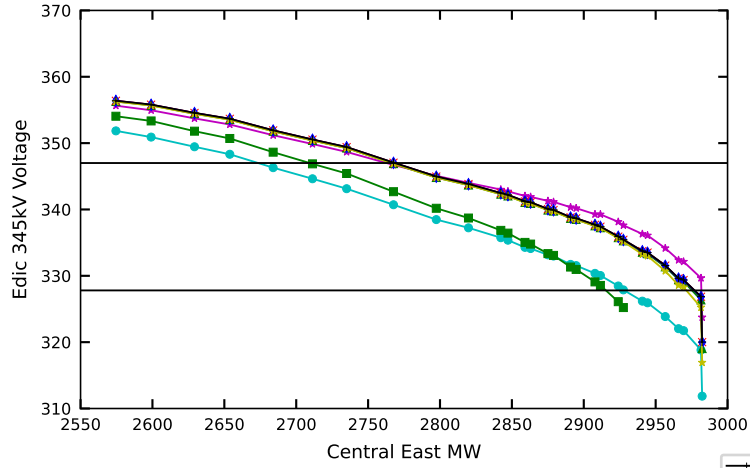
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Gordon Rd.-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Gordon Rd.-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

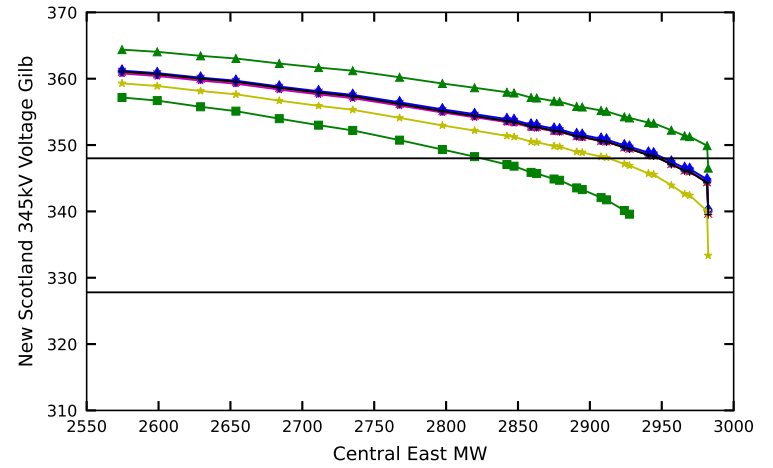
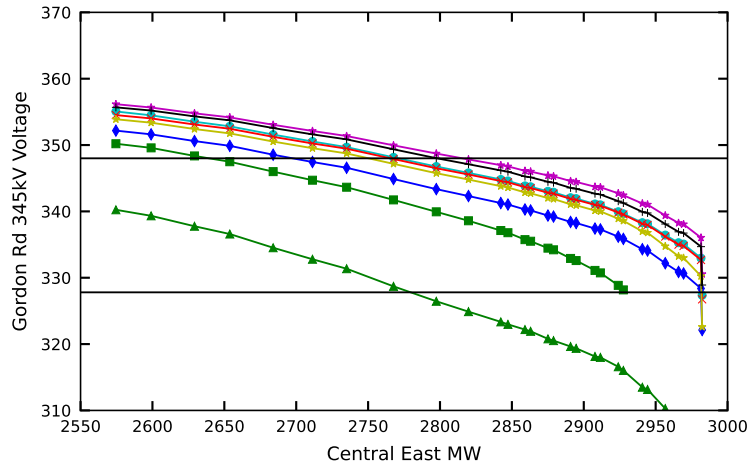
1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI Figure 1



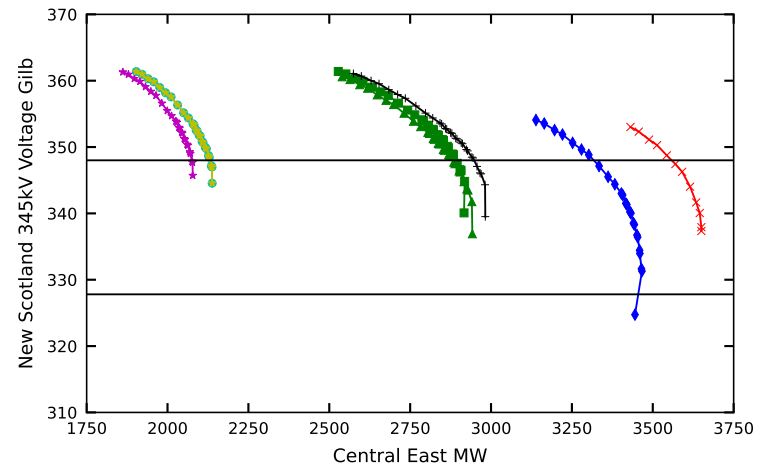
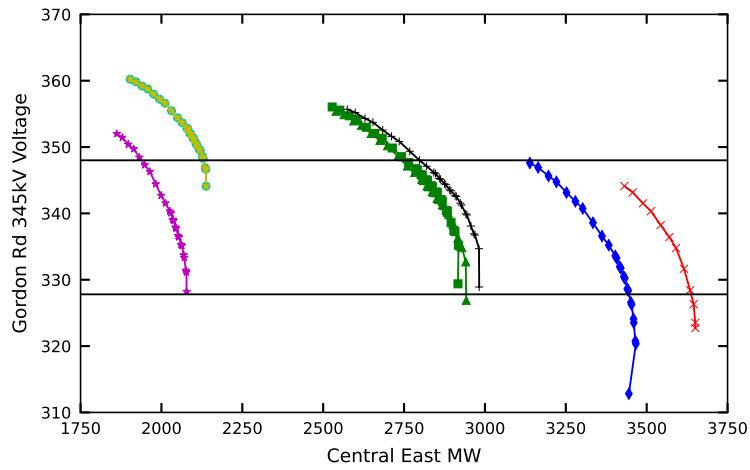
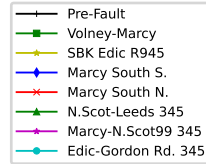
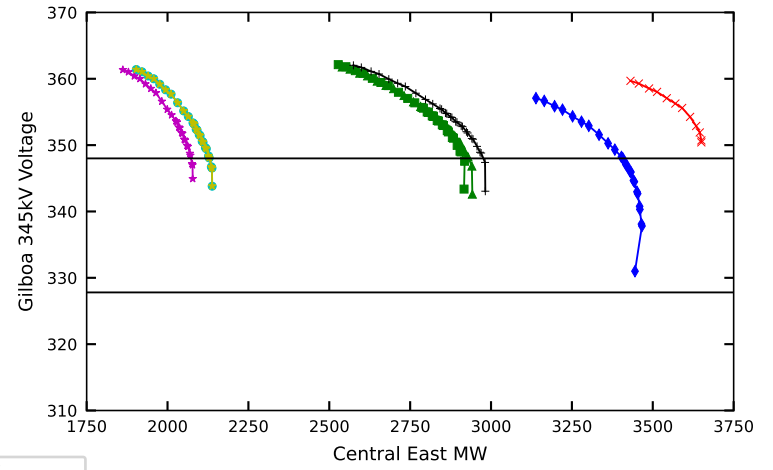
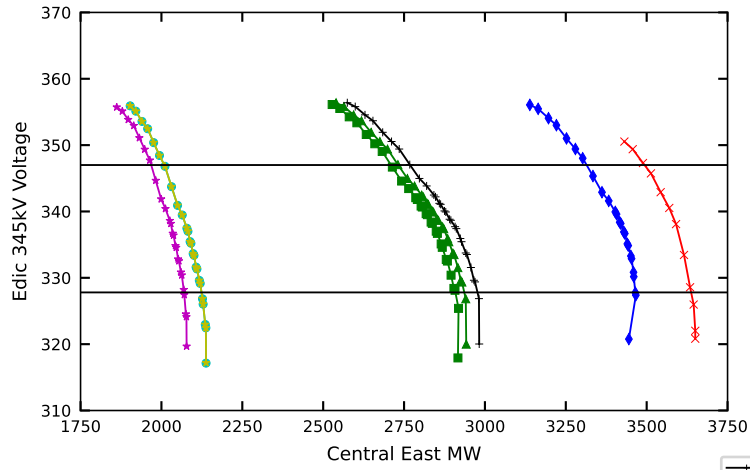
1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI Figure 2



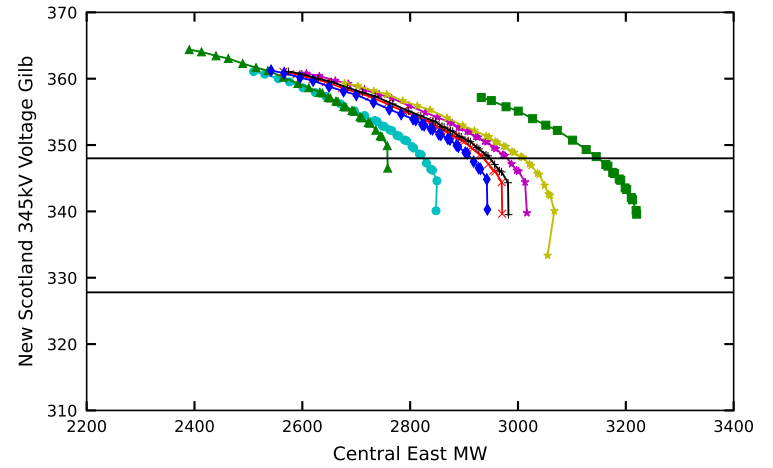
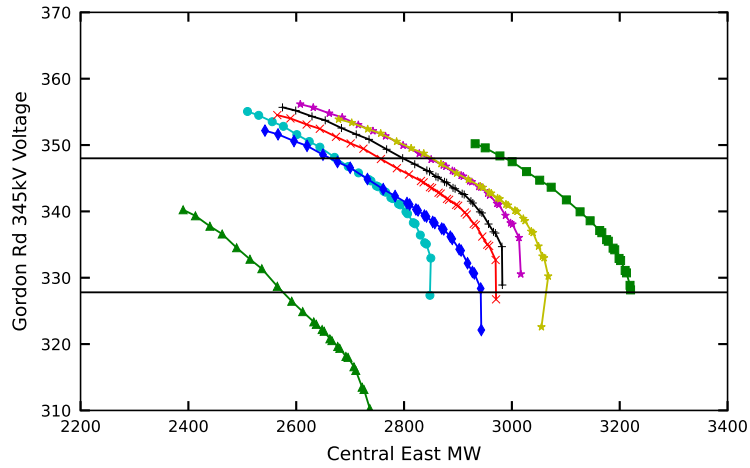
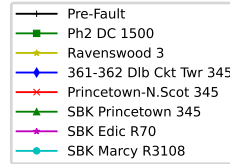
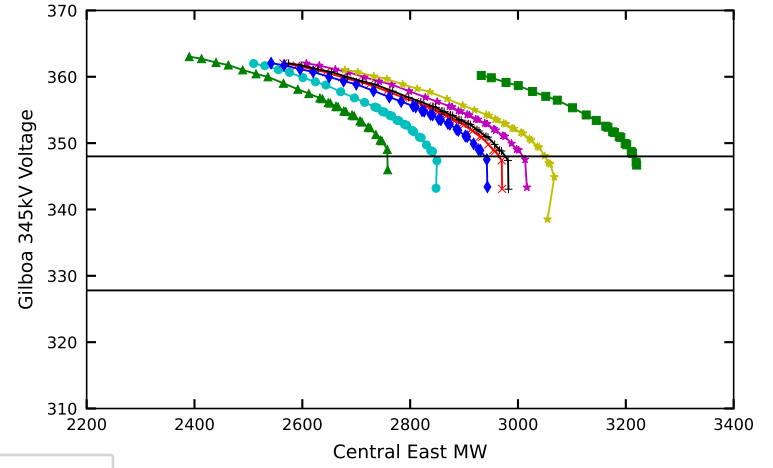
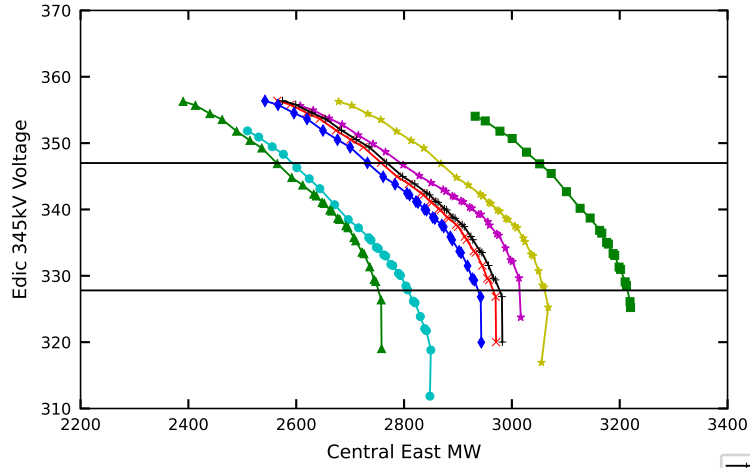
- Pre-Fault
- Ph2 DC 1500
- ▲ Ravenswood 3
- ◆ 361-362 Dlb Ckt Twr 345
- × Princetown-N.Scot 345
- ▲ SBK Princetown 345
- ◆ SBK Edic R70
- SBK Marcy R3108



1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI Figure 1



1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 3O ALI

Interface: Central East

2981	t2	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	8															
2982	t2	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	9															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-

E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\L_SVC_OS\Sum2023_CEVC_PH2_3O_L_SVC_OS.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1300 3O ALI

Interface: Central East

ce20)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SBK																														
Edic																														
R70																														
ce30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SBK																														
Princ																														
etow																														
n 345																														
ce31)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Princ																														
etow																														
n-																														
N.Sco																														
t 345																														
ce32)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
361-																														
362																														
Dlb																														
Ckt																														
Twr																														
345																														
log09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
)																														
Rave																														
nswod 3																														
log15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	
) Ph2																														
DC																														
1500																														

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2494 <E	Dunwoodie 345kV Voltage	Pre-Fault	110.7	NA	348	2494
2506 <E	Sprain Brook 345kV Voltage	Pre-Fault	110.9	NA	348	2506
2700	limit with 5% margin	Marcy South N.	NA	NA	NA	3467
2755	Marcy 345kV Voltage	Pre-Fault	13.8	NA	348	2755
2768	Edic 345kV Voltage	Pre-Fault	14.2	NA	347	2768
2779	Gordon Rd 345kV Voltage	SBK Princetown 345	13.2	327.8	348.8	2575
2781	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3059
2797	limit with 5% margin	Marcy South S.	NA	NA	NA	3293
2797	Gordon Rd 345kV Voltage	Pre-Fault	24.5	NA	348	2797
2804	Gordon Rd 345kV Voltage	Marcy South N.	10.6	327.8	347.8	3637
2804	Edic 345kV Voltage	Marcy South N.	8.6	327.8	344.6	3637
2806	Marcy 345kV Voltage	Marcy South N.	8.6	327.8	344.5	3638
2808	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2031
2808	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1973
2808	limit with 5% margin	SBK Edic R945	NA	NA	NA	2031
2826	Millwood 345kV Voltage	Pre-Fault	114.5	NA	348	2826
2832	limit with 5% margin	Volney-Marcy	NA	NA	NA	2772
2832	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2707
2832	limit with 5% margin	Ravenswood 3	NA	NA	NA	2914
2833	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2795
2833	limit with 5% margin	SBK Edic R70	NA	NA	NA	2865
2833	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2620
2833	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2822
2833	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2796
2852 >E	Clay 345kV Voltage	Marcy South N.	7.7	327.8	347.4	3652
2875 >E	Oakdale 345kV Voltage	Marcy South N.	7.9	320	346.2	3657
2898	Pannell Road 345kV Voltage	Pre-Fault	29.2	NA	346	2898
2898	Gordon Rd 345kV Voltage	Marcy South S.	7.4	327.8	343.2	3445
2900	Station 80 345kV Voltage	Pre-Fault	26.1	NA	346	2900
2902	Clay 345kV Voltage	Pre-Fault	21.9	NA	345	2902
2912	Buchanan North 345kV Voltage	Pre-Fault	40.4	NA	346	2912
2915	Edic 345kV Voltage	Ph2 DC 1500	5.1	327.8	337.0	3214
2916	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	336.8	2122
2916	Marcy 345kV Voltage	SBK Edic R945	5.3	327.8	336.8	2122
2916	Marcy 345kV Voltage	Ph2 DC 1500	5.1	327.8	336.8	3214
2918	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	336.5	2123
2918	Edic 345kV Voltage	SBK Edic R945	5.4	327.8	336.5	2123
2925	Edic 345kV Voltage	Marcy-N.Scot99 345	4.6	327.8	335.7	2069
2928	Edic 345kV Voltage	SBK Marcy R3108	7.8	327.8	335.4	2807
2929 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.2	327.8	341.1	3220

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2929	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.5	327.8	335.1	2071
2940	Edic 345kV Voltage	Marcy South S.	5.5	327.8	333.8	3464
2942	Marcy 345kV Voltage	Marcy South S.	9.7	327.8	333.5	3465
2945 >E	Pannell Road 345kV Voltage	Marcy South N.	12.9	327.8	345.2	3673
2947	New Scotland 345kV Voltage Alps	Pre-Fault	9.6	NA	348	2947
2947	New Scotland 345kV Voltage Gilb	Pre-Fault	9.6	NA	348	2947
2949 >E	New Scotland 345kV Voltage Alps	Marcy South N.	10.6	327.8	350.0	3673
2949 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	10.6	327.8	350.0	3673
2953	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	3.2	327.8	340.9	2137
2953	Coopers Corners 345kV Voltage	SBK Edic R945	3.2	327.8	340.9	2137
2957 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	340.4	2077
2958 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.6	327.8	339.8	2138
2958 >E	Fraser 345kV Voltage	SBK Edic R945	2.6	327.8	339.8	2138
2958 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	337.9	2077
2958	Oakdale 345kV Voltage	Pre-Fault	4.5	NA	335	2958
2958 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.5	320	335.0	2138
2958 >E	Oakdale 345kV Voltage	SBK Edic R945	2.5	320	335.0	2138
2959 >E	Ramapo 500kV Voltage	Ph2 DC 1500	16.2	500	507.4	3229
2959 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.1	327.8	340.0	2138
2959 >E	Clay 345kV Voltage	SBK Edic R945	3.1	327.8	340.0	2138
2960 >E	Clay 345kV Voltage	Ph2 DC 1500	4.3	327.8	338.1	3229
2963	Rock Tavern 345kV Voltage	Pre-Fault	12.2	NA	348	2963
2963 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	339.0	2078
2963 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.9	320	334.1	2078
2964 >E	Station 80 345kV Voltage	Ph2 DC 1500	3.2	327.8	334.5	3230
2967 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.3	320	331.2	3231
2967 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	339.0	2078
2968 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	3.7	327.8	335.4	3231
2969	Fraser 345kV Voltage	Pre-Fault	4.6	NA	338	2969
2970	Edic 345kV Voltage	Volney-Marcy	4.4	327.8	329.1	2908
2971	Edic 345kV Voltage	Ravenswood 3	4.0	327.8	329.0	3060
2971	Marcy 345kV Voltage	Ravenswood 3	4.0	327.8	328.8	3061
2972	Marcy 345kV Voltage	Volney-Marcy	4.4	327.8	328.7	2909
2975	Edic 345kV Voltage	SBK Princetown 345	4.4	327.8	328.2	2752
2975	Marcy 345kV Voltage	SBK Princetown 345	4.4	327.8	328.0	2752
2975	Coopers Corners 345kV Voltage	Pre-Fault	6.6	NA	338	2975
2976	Pleasant Valley 345kV Voltage	Pre-Fault	17.3	NA	348	2976
2976	Gilboa 345kV Voltage	Pre-Fault	8.5	NA	348	2976
2976	Marcy 345kV Voltage	N.Scot-Leeds 345	4.8	327.8	327.8	2935
2976	Marcy 345kV Voltage	SBK Marcy R3108	4.8	327.8	327.8	2846
2976	Marcy 345kV Voltage	SBK Edic R70	4.8	327.8	327.8	3008

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2976	Marcy 345kV Voltage	Princetown-N.Scot 345	4.8	327.8	327.8	2964
2976	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	327.8	327.8	2937
2976	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	327.8	327.8	2937
2976	Edic 345kV Voltage	N.Scot-Leeds 345	4.8	327.8	327.8	2936
2976	Edic 345kV Voltage	Princetown-N.Scot 345	4.8	327.8	327.8	2965
2981	Buchanan South 345kV Voltage	Pre-Fault	0.4	NA	346	2981
2981	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	0.1	327.8	334.2	2942
2981	Edic 345kV Voltage	SBK Edic R70	0.1	327.8	324.7	3014
2981 >E	New Scotland 345kV Voltage Alps	Marcy South S.	10.7	327.8	347.1	3483
2981 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	10.7	327.8	347.1	3483
2982	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	0.1	327.8	329.9	2970
2982	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	0.1	327.8	329.8	2942
2982	Ramapo 345kV Voltage	Pre-Fault	0.3	NA	346	2982
2982 >E	St.Lawrence 230kV Voltage	Pre-Fault	0.3	NA	225	2982
2982 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	0.1	327.8	327.8	2942
2982 >E	Fraser 345kV Voltage	SBK Edic R70	0.1	327.8	327.8	3017
2982 >E	Fraser 345kV Voltage	SBK Princetown 345	0.1	327.8	327.8	2758
2982 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	0.1	327.8	327.8	2970
2982 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	0.1	327.8	327.8	2943
2982 >E	Clay 345kV Voltage	SBK Princetown 345	0.1	327.8	329.0	2758
2982 >E	Gordon Rd 345kV Voltage	SBK Edic R70	0.1	327.8	326.0	3018
2982 >E	Oakdale 345kV Voltage	SBK Princetown 345	0.1	320	321.7	2758
2982 >E	Ladentown 345kV Voltage	Pre-Fault	0.3	NA	346	2982
2982 >E	Coopers Corners 345kV Voltage	SBK Edic R70	0.2	327.8	328.9	3018
2982 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	0.2	327.8	328.9	2758
2982 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	0.2	327.8	327.9	2944
2982 >E	Clay 345kV Voltage	N.Scot-Leeds 345	0.2	327.8	327.9	2943
2982 >E	Clay 345kV Voltage	Princetown-N.Scot 345	0.2	327.8	327.8	2971
2982 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	0.2	327.8	328.1	2943
2982 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	0.2	327.8	328.0	2944
2982 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	0.1	320	320.3	2944
2982 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	0.2	327.8	327.9	2971
2982 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	0.1	320	320.2	2943
2982 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	0.1	320	320.1	2971

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2983 >E	Oakdale 345kV Voltage	SBK Edic R70	0.2	320	318.9	3019
2983 >E	Clay 345kV Voltage	SBK Edic R70	0.2	327.8	325.6	3020
2983 >E	Leeds 345kV Voltage	Pre-Fault	0.2	NA	345	2983
2983 >E	Roseton 345kV Voltage	Pre-Fault	0.4	NA	345	2983
2983 >E	Ramapo 500kV Voltage	SBK Edic R70	0.3	500	500.1	3022
2983 >E	Bowline 2 345kV Voltage	Pre-Fault	0.3	NA	345	2983
2983 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	0.3	500	500.0	2972
2983 >E	Ramapo 500kV Voltage	Pre-Fault	0.3	NA	500	2983
2983 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	0.3	500	500.0	2945
2983 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	0.3	500	499.9	2944
2983 >E	Bowline 1 345kV Voltage	Pre-Fault	0.4	NA	345	2983
2983 >E	Ramapo 500kV Voltage	SBK Princetown 345	0.3	500	499.6	2759
2983 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	0.2	327.8	330.4	2945
2983 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	0.2	327.8	330.4	2945
2984 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	0.2	327.8	327.5	2972
2984 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	0.2	327.8	327.5	2972
2984 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	0.2	327.8	327.2	3025
2984 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	0.2	327.8	327.2	3025
2984 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	0.3	218.5	218.8	2760
2984 >E	Pannell Road 345kV Voltage	SBK Princetown 345	0.2	327.8	328.9	2760
2984 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	0.2	327.8	326.3	2946
2984 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	0.2	327.8	326.3	2946
2984 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	0.3	218.5	218.5	2972
2984 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	0.3	218.5	218.5	2946
2984 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	0.3	218.5	218.5	2946
2984 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	0.3	327.8	327.9	2946
2984 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	0.3	327.8	327.9	2946
2984 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	0.3	327.8	327.8	2973
2984 >E	St.Lawrence 230kV Voltage	SBK Edic R70	0.4	218.5	217.9	3026
2985 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	0.2	327.8	327.9	2947
2985 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	0.2	327.8	327.6	2973
2985 >E	Pannell Road 345kV Voltage	SBK Edic R70	0.3	327.8	326.0	3028
2985 >E	Gilboa 345kV Voltage	SBK Edic R70	0.2	327.8	327.0	3028
2985 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	0.2	327.8	326.6	2947
2985 >E	Niagara 230kV East Voltage	Pre-Fault	0.5	NA	225	2985

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2985 >E	Niagara 230kV West Voltage	Pre-Fault	0.5	NA	225	2985
2985 >E	Station 80 345kV Voltage	SBK Princetown 345	0.3	327.8	329.0	2761
2986 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	0.3	327.8	327.9	2948
2986 >E	Rock Tavern 345kV Voltage	SBK Edic R70	0.2	327.8	328.4	3032
2986 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	0.3	327.8	327.9	2949
2986 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	0.3	327.8	327.8	2974
2986 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	0.2	327.8	327.8	2974
2986 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	0.2	327.8	327.6	2948
2986 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	0.3	327.8	327.0	2949
2986 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	0.3	327.8	325.9	2762
2986 >E	Station 80 345kV Voltage	SBK Edic R70	0.4	327.8	326.0	3034
2986 >E	Dunwoodie 345kV Voltage	SBK Edic R70	0.4	327.8	327.9	3035
2986 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	0.2	327.8	312.9	2762
2986 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	0.2	327.8	312.9	2762
2986 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	0.4	327.8	327.7	2975
2986 >E	Sprain Brook 345kV Voltage	SBK Edic R70	0.4	327.8	327.9	3035
2986 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	0.4	327.8	327.7	2975
2986 >E	Buchanan North 345kV Voltage	SBK Edic R70	0.3	327.8	328.0	3035
2986 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	0.4	327.8	327.3	2949
2986 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	0.3	327.8	327.7	2975
2987 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	0.4	327.8	327.3	2949
2987 >E	Gilboa 345kV Voltage	SBK Princetown 345	0.3	327.8	317.4	2763
2987 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	0.3	327.8	327.4	2949
2987 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	326.6	2951
2987 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	326.6	2951
2987 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	326.8	2951
2987 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	0.2	327.8	327.3	2976
2987 >E	Millwood 345kV Voltage	SBK Edic R70	0.4	327.8	327.9	3038
2987 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	0.4	327.8	327.7	2976
2987 >E	Leeds 345kV Voltage	SBK Edic R70	0.2	327.8	326.9	3038
2987 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	0.4	327.8	327.2	2950
2987 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	0.3	327.8	325.3	2951
2987 >E	Buchanan South 345kV Voltage	SBK Edic R70	0.4	327.8	327.9	3040
2987 >E	Buchanan North 345kV Voltage	SBK Princetown 345	0.4	327.8	324.9	2763

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2988 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	0.4	327.8	327.7	2976
2988 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	326.3	2952
2988 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	0.4	327.8	324.2	2764
2988 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	0.4	327.8	324.2	2764
2988 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	0.4	327.8	327.2	2951
2988 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	0.3	327.8	327.6	3041
2988 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	0.3	327.8	327.6	2976
2988 >E	Niagara 230kV East Voltage	SBK Princetown 345	0.5	218.5	218.9	2764
2988 >E	Niagara 230kV West Voltage	SBK Princetown 345	0.5	218.5	218.9	2764
2988 >E	Ramapo 345kV Voltage	SBK Edic R70	0.3	327.8	328.1	3042
2988 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	326.3	2953
2988 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	0.5	218.5	218.5	2951
2988 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	0.5	218.5	218.5	2951
2988 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	0.5	218.5	218.5	2953
2988 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	0.5	218.5	218.5	2953
2988 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	0.5	218.5	218.5	2977
2988 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	0.5	218.5	218.5	2977
2988 >E	Niagara 230kV East Voltage	SBK Edic R70	0.5	218.5	218.3	3042
2988 >E	Niagara 230kV West Voltage	SBK Edic R70	0.5	218.5	218.3	3042
2988 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	0.4	327.8	326.6	2952
2988 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	0.3	327.8	327.7	2977
2988 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	0.4	327.8	327.4	2952
2988 >E	Ladentown 345kV Voltage	SBK Edic R70	0.3	327.8	328.1	3044
2989 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	326.6	2954
2989 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	0.3	327.8	327.7	2977
2989 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	325.0	2954
2989 >E	Millwood 345kV Voltage	SBK Princetown 345	0.4	327.8	323.1	2765
2989 >E	Bowline 2 345kV Voltage	SBK Edic R70	0.3	327.8	328.1	3045
2989 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	0.4	327.8	327.3	2952
2989 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	0.3	327.8	327.7	2977
2989 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	0.3	327.8	327.3	2953
2989 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	326.4	2955
2989 >E	Roseton 345kV Voltage	SBK Edic R70	0.4	327.8	327.9	3046
2989 >E	Buchanan South 345kV Voltage	SBK Princetown 345	0.4	327.8	323.4	2765

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2989 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	0.4	327.8	327.6	2978
2989 >E	Ramapo 345kV Voltage	SBK Princeton 345	0.4	327.8	324.7	2765
2989 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	0.3	327.8	326.4	2956
2989 >E	Bowline 1 345kV Voltage	SBK Edic R70	0.4	327.8	328.1	3047
2989 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	0.4	327.8	326.9	2953
2989 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	0.3	327.8	316.8	2956
2989 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	0.4	327.8	327.7	2978
2990 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	0.4	327.8	327.2	2954
2990 >E	Ladentown 345kV Voltage	SBK Princeton 345	0.4	327.8	324.1	2766
2990 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	326.2	2957
2990 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	325.1	2957
2990 >E	Bowline 2 345kV Voltage	SBK Princeton 345	0.4	327.8	324.0	2766
2991 >E	Fraser 345kV Voltage	Ph2 DC 1500	4.7	327.8	336.3	3237
2991 >E	Bowline 1 345kV Voltage	SBK Princeton 345	0.4	327.8	323.7	2767
2991 >E	Pleasant Valley 345kV Voltage	SBK Princeton 345	0.5	327.8	317.8	2767
2991 >E	Roseton 345kV Voltage	SBK Princeton 345	0.4	327.8	320.8	2768
2992 >E	Gordon Rd 345kV Voltage	Ravenswood 3	4.4	327.8	332.9	3074
2992 >E	Clay 345kV Voltage	SBK Marcy R3108	5.4	327.8	334.9	2857
2992 >E	Somerset 345kV Voltage	Ph2 DC 1500	3.2	327.8	334.2	3238
2993 >E	Leeds 345kV Voltage	SBK Princeton 345	0.4	327.8	302.1	2769
2995 >E	Station 80 345kV Voltage	Marcy South N.	15.2	327.8	344.3	3684
2996 >E	Watercure 230kV Voltage	Pre-Fault	0.9	NA	215	2996
2996 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.4	320	325.7	2860
2998 >E	Gardenville 230kV Voltage	Pre-Fault	1.0	NA	217	2998
3000 >E	Watercure 230kV Voltage	SBK Princeton 345	0.8	207	210.2	2776
3001 >E	Somerset 345kV Voltage	Pre-Fault	1.5	NA	338	3001
3001 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	339.8	2139
3002 >E	Pannell Road 345kV Voltage	SBK Edic R945	5.4	327.8	339.8	2139
3002 >E	Rainey 345kV Voltage	Pre-Fault	1.4	NA	338	3002
3002 >E	Farragut 345kV Voltage	Pre-Fault	1.4	NA	338	3002
3002 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	0.8	207	207.3	2972
3003 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	0.8	207	207.3	2980
3003 >E	Watercure 230kV Voltage	Princeton-N.Scot 345	0.9	207	207.1	2992
3003 >E	Coopers Corners 345kV Voltage	Ravenswood 3	4.8	327.8	333.9	3081
3003 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	6.4	327.8	345.0	3241
3003 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	6.4	327.8	345.0	3241
3006 >E	Watercure 230kV Voltage	SBK Edic R70	1.0	207	203.7	3116
3006 >E	Oakdale 345kV Voltage	Volney-Marcy	3.5	320	323.0	2940

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3006 >E	Gardenville 230kV Voltage	SBK Princetown 345	0.9	207	208.5	2783
3008 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	1.0	207	207.1	2979
3008 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	1.0	207	207.1	2990
3008 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	1.0	207	207.0	2997
3008 >E	Oakdale 345kV Voltage	Ravenswood 3	3.4	320	322.4	3084
3009 >E	Gardenville 230kV Voltage	SBK Edic R70	1.0	207	206.0	3129
3010 >E	Goethals 345kV Voltage	Pre-Fault	1.9	NA	338	3010
3010 >E	Somerset 345kV Voltage	SBK Princetown 345	1.3	327.8	331.7	2787
3010 >E	Niagara 345kV Voltage	Ph2 DC 1500	3.1	327.8	333.2	3243
3011 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	5.7	327.8	329.7	2869
3014 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	7.7	327.8	337.9	3244
3016 >E	Rainey 345kV Voltage	SBK Edic R70	1.4	327.8	327.8	3159
3016 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	1.4	327.8	327.7	3006
3016 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	1.5	327.8	328.0	2991
3016 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	1.5	327.8	328.0	3006
3016 >E	Fraser 345kV Voltage	SBK Marcy R3108	4.6	327.8	327.8	2873
3016 >E	Fraser 345kV Voltage	Volney-Marcy	4.6	327.8	327.8	2950
3016 >E	Fraser 345kV Voltage	Ravenswood 3	4.6	327.8	327.8	3089
3016 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	1.5	327.8	327.9	3006
3016 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	8.5	218.5	226.7	2140
3017 >E	St.Lawrence 230kV Voltage	Marcy South N.	18.0	218.5	226.3	3688
3017 >E	Farragut 345kV Voltage	SBK Edic R70	1.4	327.8	327.8	3163
3017 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	1.4	327.8	327.7	3007
3017 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	1.4	327.8	327.0	2992
3017 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.6	218.5	226.6	2140
3018 >E	Clay 345kV Voltage	Volney-Marcy	6.1	327.8	331.0	2951
3018 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	1.5	327.8	327.0	2993
3018 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	338.7	2080
3019 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	1.5	327.8	325.5	3011
3020 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	1.5	327.8	325.5	3013
3020 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	6.3	327.8	339.3	2140
3021 >E	Station 80 345kV Voltage	SBK Edic R945	6.3	327.8	339.3	2140
3021 >E	Clay 345kV Voltage	Ravenswood 3	5.4	327.8	330.4	3092
3023 >E	Rainey 345kV Voltage	SBK Princetown 345	1.6	327.8	322.4	2800
3024 >E	Farragut 345kV Voltage	SBK Princetown 345	1.7	327.8	322.6	2801
3025 >E	Gordon Rd 345kV Voltage	Volney-Marcy	5.9	327.8	327.3	2957
3026 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	15.6	500	506.6	2140

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3026 >E	Ramapo 500kV Voltage	Ravenswood 3	26.2	500	506.8	3095
3026 >E	Ramapo 500kV Voltage	SBK Edic R945	15.8	500	506.6	2141
3026 >E	Somerset 345kV Voltage	SBK Edic R70	2.0	327.8	321.4	3203
3028 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	343.5	2141
3029 >E	Gilboa 345kV Voltage	SBK Edic R945	4.5	327.8	343.4	2141
3030 >E	Goethals 345kV Voltage	SBK Edic R70	1.9	327.8	327.7	3218
3030 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	2.0	327.8	327.7	3021
3031 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	2.0	327.8	327.1	3012
3034 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	2.1	327.8	325.6	3039
3035 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	4.8	327.8	327.5	2141
3035 >E	Gordon Rd 345kV Voltage	SBK Edic R945	4.8	327.8	327.4	2141
3039 >E	Goethals 345kV Voltage	SBK Princetown 345	2.3	327.8	323.3	2815
3040 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	338.1	2081
3041 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	5.0	327.8	338.3	2141
3041 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	5.0	327.8	338.3	2141
3041 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	5.1	327.8	338.2	2141
3041 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	5.1	327.8	338.2	2141
3041 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	18.6	500	506.3	2081
3044 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	5.1	327.8	335.8	3107
3044 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	5.1	327.8	335.8	3107
3047 >E	Coopers Corners 345kV Voltage	Volney-Marcy	6.6	327.8	327.2	2977
3050 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	7.7	327.8	332.5	2897
3053 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	11.9	218.5	225.6	2081
3054 >E	Niagara 230kV East Voltage	Ph2 DC 1500	9.0	218.5	223.7	3255
3054 >E	Niagara 230kV West Voltage	Ph2 DC 1500	9.0	218.5	223.7	3255
3054 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	6.3	327.8	342.0	2142
3055 >E	Rock Tavern 345kV Voltage	SBK Edic R945	6.3	327.8	342.0	2142
3058 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	340.9	2081
3062 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	7.0	327.8	324.9	2904
3063 >E	Dunwoodie 345kV Voltage	Ravenswood 3	13.2	327.8	338.7	3119
3064 >E	Sprain Brook 345kV Voltage	Ravenswood 3	13.1	327.8	338.7	3119
3068 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	6.3	327.8	335.4	2082
3068 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	6.3	327.8	335.4	2082
3068 >E	Pannell Road 345kV Voltage	Ravenswood 3	7.6	327.8	330.4	3122
3069 >E	Gilboa 345kV Voltage	Marcy South S.	12.5	327.8	347.5	3522
3074 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	7.3	327.8	340.7	2082
3074 >E	Pannell Road 345kV Voltage	Volney-Marcy	8.4	327.8	329.7	3002
3075 >E	Station 80 345kV Voltage	SBK Marcy R3108	8.8	327.8	331.7	2914
3078 >E	Gilboa 345kV Voltage	Ph2 DC 1500	8.0	327.8	343.6	3262
3087 >E	Gilboa 345kV Voltage	Ravenswood 3	6.2	327.8	334.9	3134

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3087 >E	Buchanan North 345kV Voltage	Ravenswood 3	12.0	327.8	339.0	3135
3088 >E	Station 80 345kV Voltage	Ravenswood 3	8.6	327.8	330.4	3135
3088 >E	Millwood 345kV Voltage	Ravenswood 3	11.7	327.8	339.6	3135
3092 >E	Rock Tavern 345kV Voltage	Ravenswood 3	8.1	327.8	339.1	3137
3092 >E	Clay 345kV Voltage	Marcy South S.	14.4	327.8	335.1	3532
3092 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	15.1	218.5	222.9	2925
3096 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	9.6	327.8	336.7	2143
3097 >E	Buchanan North 345kV Voltage	SBK Edic R945	9.6	327.8	336.7	2144
3097 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	19.5	218.5	225.2	3267
3098 >E	Station 80 345kV Voltage	Volney-Marcy	9.5	327.8	329.4	3024
3098 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	10.1	327.8	333.4	2144
3099 >E	Dunwoodie 345kV Voltage	SBK Edic R945	10.1	327.8	333.3	2144
3099 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	10.1	327.8	333.5	2144
3100 >E	Sprain Brook 345kV Voltage	SBK Edic R945	10.1	327.8	333.5	2144
3108 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	7.4	327.8	327.1	3033
3108 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	7.4	327.8	327.1	3033
3108 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	7.6	327.8	327.1	2936
3108 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	7.6	327.8	327.1	2936
3110 >E	Buchanan South 345kV Voltage	Ravenswood 3	11.7	327.8	340.2	3149
3115 >E	Leeds 345kV Voltage	Ravenswood 3	6.4	327.8	342.2	3152
3118 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	9.8	327.8	335.5	2144
3119 >E	Millwood 345kV Voltage	SBK Edic R945	9.9	327.8	335.4	2145
3120 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	10.9	327.8	335.4	2084
3120 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	11.2	327.8	332.0	2084
3121 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	11.3	327.8	332.1	2084
3127 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	9.7	327.8	337.0	2145
3127 >E	Buchanan South 345kV Voltage	SBK Edic R945	9.7	327.8	337.0	2145
3129 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	10.0	327.8	339.2	3161
3130 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	9.4	327.8	340.3	2145
3131 >E	Ramapo 345kV Voltage	SBK Edic R945	9.5	327.8	340.2	2145
3138 >E	St.Lawrence 230kV Voltage	Ravenswood 3	19.0	218.5	221.0	3167
3146 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	9.4	327.8	340.3	2146
3146 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	11.2	327.8	333.8	2085
3147 >E	Ladentown 345kV Voltage	SBK Edic R945	9.5	327.8	340.2	2146
3150 >E	Ramapo 345kV Voltage	Ravenswood 3	11.6	327.8	340.4	3174
3150 >E	Gilboa 345kV Voltage	SBK Marcy R3108	8.6	327.8	327.6	2965
3150 >E	Leeds 345kV Voltage	Ph2 DC 1500	9.6	327.8	349.9	3282
3151 >E	Gilboa 345kV Voltage	Volney-Marcy	8.6	327.8	327.4	3072
3156 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	11.0	327.8	335.3	2085
3157 >E	Leeds 345kV Voltage	Marcy South S.	15.1	327.8	352.4	3560
3159 >E	Ladentown 345kV Voltage	Ravenswood 3	11.7	327.8	341.3	3180

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3160 >E	St.Lawrence 230kV Voltage	Volney-Marcy	21.4	218.5	220.1	3080
3160 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	9.4	327.8	341.1	2146
3161 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	338.7	2085
3161 >E	Bowline 1 345kV Voltage	SBK Edic R945	9.4	327.8	341.1	2146
3164 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	9.4	327.8	341.3	2146
3165 >E	Bowline 2 345kV Voltage	SBK Edic R945	9.4	327.8	341.3	2147
3166 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	8.3	327.8	342.7	2146
3168 >E	Leeds 345kV Voltage	SBK Edic R945	8.3	327.8	342.6	2147
3169 >E	Ramapo 500kV Voltage	Marcy South S.	34.0	500	504.5	3566
3174 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	10.6	327.8	337.3	2147
3175 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	10.6	327.8	337.3	2147
3178 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	338.5	2086
3179 >E	Bowline 1 345kV Voltage	Ravenswood 3	11.7	327.8	342.1	3192
3181 >E	Watercure 230kV Voltage	Marcy South N.	21.5	207	227.9	3725
3182 >E	Roseton 345kV Voltage	Ravenswood 3	11.1	327.8	340.3	3195
3182 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	10.3	327.8	340.6	2147
3184 >E	Roseton 345kV Voltage	SBK Edic R945	10.3	327.8	340.6	2147
3184 >E	Bowline 2 345kV Voltage	Ravenswood 3	11.7	327.8	342.4	3196
3195 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	10.7	327.8	339.3	2087
3197 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	12.0	207	231.5	2148
3200 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	10.7	327.8	339.4	2087
3200 >E	Watercure 230kV Voltage	SBK Edic R945	12.1	207	231.5	2148
3218 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	12.3	327.8	343.7	2149
3220 >E	Somerset 345kV Voltage	SBK Edic R945	12.4	327.8	343.6	2149
3226 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	12.7	327.8	334.6	2088
3229 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	12.1	327.8	338.4	2088
3234 >E	Fraser 345kV Voltage	Marcy South S.	20.4	327.8	327.8	3595
3243 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	11.0	327.8	338.4	2089
3243 >E	Fraser 345kV Voltage	Marcy South N.	17.5	327.8	327.8	3738
3245 >E	Oakdale 345kV Voltage	Marcy South S.	17.1	320	322.9	3599
3248 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	16.2	327.8	343.6	3309
3248 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	16.6	327.8	345.7	3309
3248 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	21.0	327.8	341.8	3309
3248 >E	Pannell Road 345kV Voltage	Marcy South S.	21.9	327.8	333.4	3601
3263 >E	Rock Tavern 345kV Voltage	Volney-Marcy	14.5	327.8	327.1	3173
3269 >E	Gardenville 230kV Voltage	Ph2 DC 1500	12.7	207	217.5	3315
3271 >E	Gilboa 345kV Voltage	Marcy South N.	18.7	327.8	342.3	3745
3280 >E	Leeds 345kV Voltage	Marcy South N.	18.7	327.8	350.2	3747
3281 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	15.0	327.8	341.8	2090
3285 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	15.9	207	231.2	2090
3286 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	15.2	327.8	325.4	3058

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3302 >E	Millwood 345kV Voltage	Ph2 DC 1500	22.2	327.8	343.2	3324
3310 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	21.1	327.8	344.1	3327
3317 >E	Leeds 345kV Voltage	Volney-Marcy	13.1	327.8	325.8	3222
3319 >E	Station 80 345kV Voltage	Marcy South S.	25.3	327.8	332.6	3632
3321 >E	Leeds 345kV Voltage	SBK Marcy R3108	13.3	327.8	325.5	3082
3322 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	26.7	327.8	341.3	3330
3325 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	27.0	327.8	341.2	3331
3325 >E	Ramapo 500kV Voltage	Marcy South N.	64.5	500	503.7	3757
3325 >E	Ramapo 345kV Voltage	Ph2 DC 1500	20.2	327.8	345.0	3331
3347 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	18.0	327.8	326.6	3249
3348 >E	Sprain Brook 345kV Voltage	Volney-Marcy	25.1	327.8	327.0	3250
3349 >E	Ladentown 345kV Voltage	Ph2 DC 1500	20.0	327.8	346.1	3337
3349 >E	Dunwoodie 345kV Voltage	Volney-Marcy	25.4	327.8	327.0	3251
3352 >E	Buchanan North 345kV Voltage	Volney-Marcy	22.9	327.8	327.1	3253
3352 >E	Somerset 345kV Voltage	Ravenswood 3	16.8	327.8	331.8	3303
3360 >E	Millwood 345kV Voltage	Volney-Marcy	22.2	327.8	326.9	3261
3361 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	18.6	327.8	325.7	3109
3367 >E	Somerset 345kV Voltage	SBK Marcy R3108	17.7	327.8	331.0	3113
3369 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	26.2	327.8	326.1	3114
3370 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	26.5	327.8	326.1	3115
3374 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	23.9	327.8	326.1	3118
3377 >E	St.Lawrence 230kV Voltage	Marcy South S.	44.1	218.5	223.0	3657
3377 >E	Roseton 345kV Voltage	Ph2 DC 1500	19.9	327.8	346.9	3345
3379 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	19.9	327.8	347.3	3346
3381 >E	Millwood 345kV Voltage	SBK Marcy R3108	23.1	327.8	325.9	3123
3387 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	19.8	327.8	347.6	3348
3395 >E	Buchanan South 345kV Voltage	Volney-Marcy	22.2	327.8	326.9	3293
3407 >E	Somerset 345kV Voltage	Volney-Marcy	18.9	327.8	329.0	3304
3418 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	23.1	327.8	325.8	3148
3434 >E	Ramapo 345kV Voltage	Volney-Marcy	21.9	327.8	327.0	3328
3445 >E	Somerset 345kV Voltage	Marcy South N.	29.3	327.8	347.2	3783
3450 >E	Roseton 345kV Voltage	Volney-Marcy	20.4	327.8	326.7	3343
3456 >E	Pleasant Valley 345kV Voltage	Marcy South S.	35.1	327.8	346.8	3693
3462 >E	Ramapo 345kV Voltage	SBK Marcy R3108	22.9	327.8	325.7	3178
3471 >E	Ladentown 345kV Voltage	Volney-Marcy	22.2	327.8	326.9	3361
3474 >E	Roseton 345kV Voltage	SBK Marcy R3108	21.2	327.8	325.5	3187
3499 >E	Ladentown 345kV Voltage	SBK Marcy R3108	23.2	327.8	325.6	3204
3508 >E	Ramapo 500kV Voltage	Volney-Marcy	71.8	500	500.2	3395
3508 >E	Ramapo 500kV Voltage	SBK Marcy R3108	72.1	500	500.2	3210
3512 >E	Bowline 1 345kV Voltage	Volney-Marcy	22.5	327.8	326.9	3399
3522 >E	Bowline 2 345kV Voltage	Volney-Marcy	22.4	327.8	326.9	3407

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3536 >E	Pleasant Valley 345kV Voltage	Marcy South N.	34.1	327.8	342.4	3803
3544 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	23.5	327.8	325.4	3234
3546 >E	Rainey 345kV Voltage	Ravenswood 3	30.0	327.8	345.8	3426
3553 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	23.5	327.8	325.4	3241
3578 >E	Farragut 345kV Voltage	Ravenswood 3	31.5	327.8	345.0	3446
3720 >E	Coopers Corners 345kV Voltage	Marcy South N.	29.3	327.8	311.2	3844
3724 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	26.7	327.8	348.5	2170
3732 >E	Niagara 345kV Voltage	SBK Edic R945	26.9	327.8	348.4	2172
3858 >E	Goethals 345kV Voltage	Ravenswood 3	42.6	327.8	344.1	3624
3862 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	35.1	327.8	337.9	2176
3865 >E	Rainey 345kV Voltage	SBK Edic R945	35.2	327.8	337.8	2177
3872 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	63.7	218.5	230.3	2176
3872 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	63.7	218.5	230.3	2176
3882 >E	Niagara 230kV East Voltage	SBK Edic R945	64.4	218.5	230.2	2178
3882 >E	Niagara 230kV West Voltage	SBK Edic R945	64.4	218.5	230.2	2178
3883 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	36.6	327.8	337.8	2177
3887 >E	Farragut 345kV Voltage	SBK Edic R945	36.8	327.8	337.7	2178
3922 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	33.3	327.8	346.1	2115
3963 >E	Watercure 230kV Voltage	Ph2 DC 1500	48.8	207	250.4	3509
3974 >E	Millwood 345kV Voltage	Marcy South S.	61.8	327.8	343.3	3922
3986 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	39.7	327.8	335.7	2118
4011 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	41.4	327.8	335.6	2119
4023 >E	Watercure 230kV Voltage	Marcy South S.	41.4	207	208.7	3943
4027 >E	Millwood 345kV Voltage	Marcy South N.	61.2	327.8	337.5	3912
4045 >E	Somerset 345kV Voltage	Marcy South S.	46.6	327.8	333.1	3953
4050 >E	Dunwoodie 345kV Voltage	Marcy South N.	72.2	327.8	335.9	3917
4054 >E	Buchanan North 345kV Voltage	Marcy South S.	59.4	327.8	339.1	3957
4057 >E	Sprain Brook 345kV Voltage	Marcy South N.	72.0	327.8	336.0	3918
4058 >E	Roseton 345kV Voltage	Marcy South N.	47.8	327.8	340.2	3919
4064 >E	Sprain Brook 345kV Voltage	Marcy South S.	76.7	327.8	341.7	3961
4068 >E	Dunwoodie 345kV Voltage	Marcy South S.	77.8	327.8	341.8	3963
4069 >E	Roseton 345kV Voltage	Marcy South S.	50.6	327.8	346.7	3963
4101 >E	Buchanan South 345kV Voltage	Marcy South S.	59.7	327.8	343.2	3978
4106 >E	Niagara 345kV Voltage	Ravenswood 3	38.7	327.8	333.6	3781
4168 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	83.7	218.5	229.2	2125
4168 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	83.7	218.5	229.2	2125
4186 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	48.8	327.8	337.7	2190
4191 >E	Goethals 345kV Voltage	SBK Edic R945	49.0	327.8	337.7	2192
4219 >E	Niagara 345kV Voltage	SBK Marcy R3108	42.3	327.8	331.2	3696
4258 >E	Buchanan South 345kV Voltage	Marcy South N.	66.0	327.8	337.5	3963
4267 >E	Buchanan North 345kV Voltage	Marcy South N.	72.2	327.8	335.4	3965

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\L_SVC_OS\Sum2023_CEVC_PH2_30_L_SVC_OS.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4306 >E	Rock Tavern 345kV Voltage	Marcy South N.	53.4	327.8	329.0	3973
4329 >E	Niagara 345kV Voltage	Volney-Marcy	45.7	327.8	328.9	4138
4351 >E	Coopers Corners 345kV Voltage	Marcy South S.	37.4	327.8	296.0	4088
4353 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	55.2	327.8	335.6	2132
4383 >E	Ramapo 345kV Voltage	Marcy South S.	59.1	327.8	341.1	4103
4386 >E	Ladentown 345kV Voltage	Marcy South S.	58.0	327.8	342.9	4104
4479 >E	Bowline 1 345kV Voltage	Marcy South S.	58.0	327.8	343.9	4145
4504 >E	Bowline 2 345kV Voltage	Marcy South S.	57.9	327.8	344.2	4156
4531 >E	Niagara 230kV East Voltage	Ravenswood 3	106.4	218.5	222.9	4052
4531 >E	Niagara 230kV West Voltage	Ravenswood 3	106.4	218.5	222.9	4052
4563 >E	Niagara 345kV Voltage	Marcy South N.	61.8	327.8	351.4	4030
4604 >E	Rock Tavern 345kV Voltage	Marcy South S.	59.6	327.8	335.4	4200
4810 >E	Ramapo 345kV Voltage	Marcy South N.	79.2	327.8	335.9	4085
4838 >E	Niagara 230kV East Voltage	SBK Marcy R3108	126.5	218.5	220.9	4120
4838 >E	Niagara 230kV West Voltage	SBK Marcy R3108	126.5	218.5	220.9	4120
4882 >E	Niagara 230kV East Voltage	Marcy South N.	144.0	218.5	232.4	4101
4882 >E	Niagara 230kV West Voltage	Marcy South N.	144.0	218.5	232.4	4101
4902 >E	Rainey 345kV Voltage	Volney-Marcy	74.1	327.8	326.8	4657
4915 >E	Farragut 345kV Voltage	Volney-Marcy	76.1	327.8	326.9	4668
4937 >E	Ladentown 345kV Voltage	Marcy South N.	81.3	327.8	336.6	4113
4950 >E	Rainey 345kV Voltage	Ph2 DC 1500	78.2	327.8	349.9	3784
4966 >E	Farragut 345kV Voltage	Ph2 DC 1500	80.4	327.8	349.5	3788
4982 >E	Rainey 345kV Voltage	SBK Marcy R3108	77.0	327.8	325.7	4218
4990 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	76.3	207	242.1	2224
4995 >E	Farragut 345kV Voltage	SBK Marcy R3108	79.0	327.8	325.8	4227
5028 >E	Gardenville 230kV Voltage	SBK Edic R945	77.7	207	242.3	2229
5086 >E	Niagara 230kV East Voltage	Volney-Marcy	142.4	218.5	219.2	4824
5086 >E	Niagara 230kV West Voltage	Volney-Marcy	142.4	218.5	219.2	4824
5292 >E	Bowline 1 345kV Voltage	Marcy South N.	89.5	327.8	335.5	4192
5319 >E	Bowline 2 345kV Voltage	Marcy South N.	89.1	327.8	337.5	4198
5530 >E	Goethals 345kV Voltage	Ph2 DC 1500	103.3	327.8	349.7	3946
5565 >E	Goethals 345kV Voltage	Volney-Marcy	102.2	327.8	326.9	5257
5670 >E	Goethals 345kV Voltage	SBK Marcy R3108	106.2	327.8	325.8	4689
5737 >E	Niagara 345kV Voltage	Marcy South S.	93.2	327.8	333.3	4701
6239 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	122.4	207	246.6	2206
6251 >E	Niagara 230kV East Voltage	Marcy South S.	222.2	218.5	221.5	4929
6251 >E	Niagara 230kV West Voltage	Marcy South S.	222.2	218.5	221.5	4929
6984 >E	Northport 138kV Voltage	Ravenswood 3	323.5	131.1	137.2	5610
7673 >E	Watercure 230kV Voltage	Ravenswood 3	193.9	207	250.3	6048
8255 >E	Watercure 230kV Voltage	SBK Marcy R3108	225.7	207	252.5	6458
8266 >E	Gardenville 230kV Voltage	Marcy South S.	195.1	207	216.0	5820

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
8909 >E	Rainey 345kV Voltage	Marcy South S.	230.4	327.8	351.0	6104
8958 >E	Farragut 345kV Voltage	Marcy South S.	236.8	327.8	350.5	6125
8996 >E	Rainey 345kV Voltage	Marcy South N.	231.2	327.8	340.8	5011
9086 >E	Farragut 345kV Voltage	Marcy South N.	239.4	327.8	340.6	5031
10347 >E	Northport 138kV Voltage	Ph2 DC 1500	587.1	131.1	143.1	5289
10873 >E	Goethals 345kV Voltage	Marcy South S.	314.1	327.8	351.1	6972
10906 >E	Northport 138kV Voltage	Volney-Marcy	622.4	131.1	130.6	10091
11228 >E	Northport 138kV Voltage	SBK Marcy R3108	647.2	131.1	130.1	8492
11295 >E	Goethals 345kV Voltage	Marcy South N.	328.1	327.8	340.9	5519
12345 >E	Gardenville 230kV Voltage	Marcy South N.	380.4	207	284.8	5751
15968 >E	Gardenville 230kV Voltage	Ravenswood 3	469.4	207	252.9	11316
27540 >E	Northport 138kV Voltage	Marcy South N.	1939.4	131.1	136.5	9112
60485 >E	Northport 138kV Voltage	Marcy South S.	4554.2	131.1	149.6	28910
97660 >E	Gardenville 230kV Voltage	SBK Marcy R3108	3438.0	207	366.1	67626
99998 >E	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

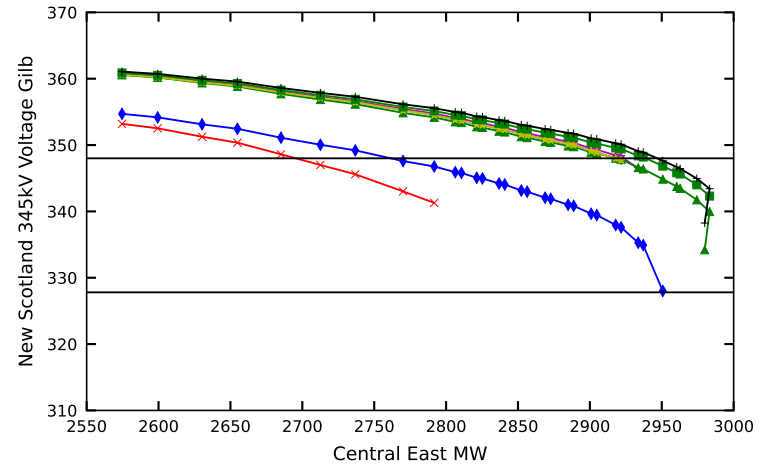
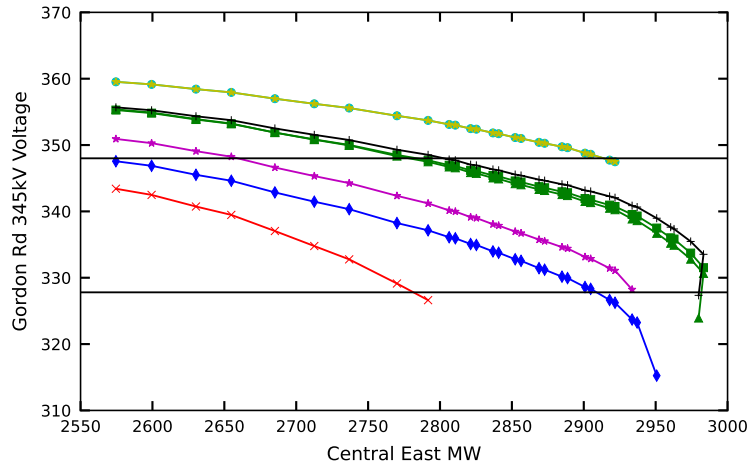
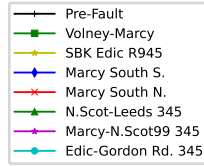
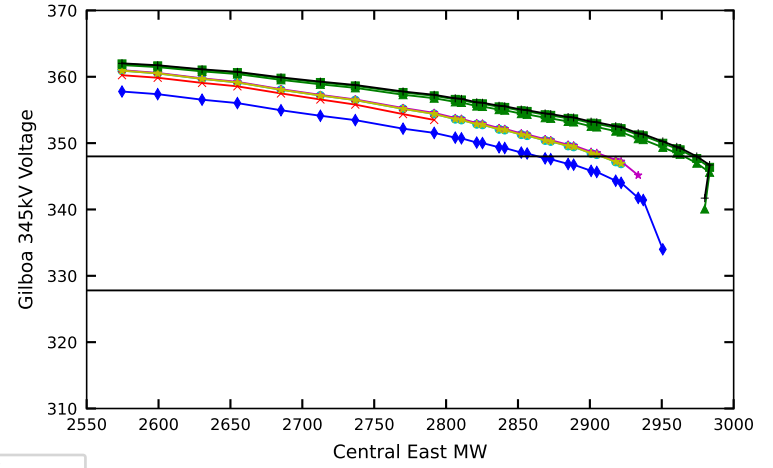
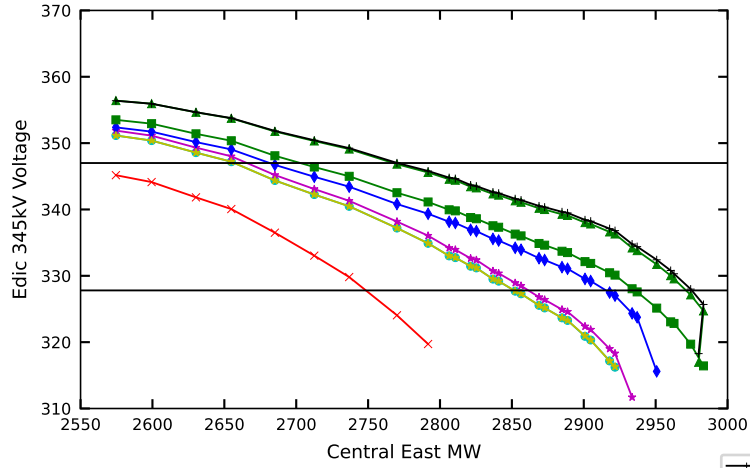
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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 ALI

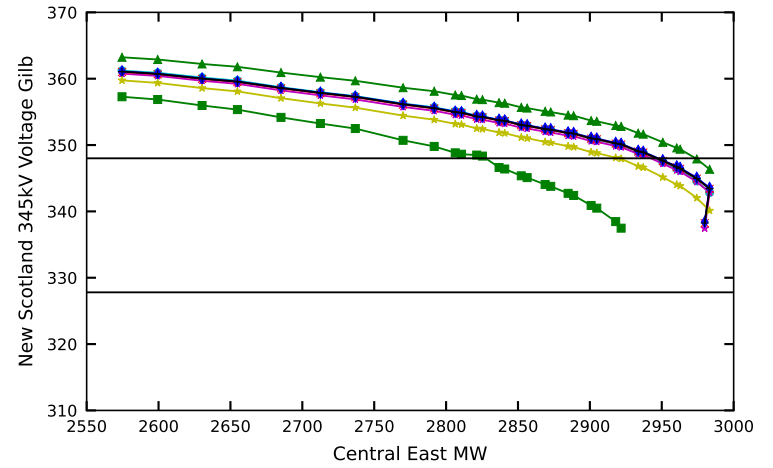
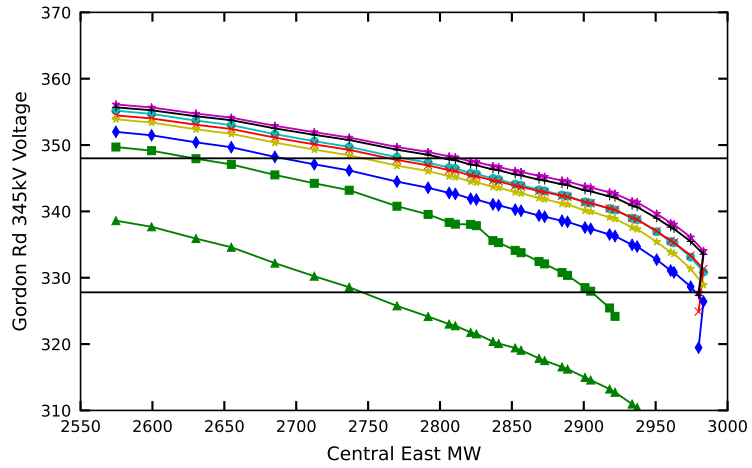
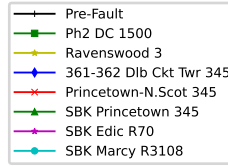
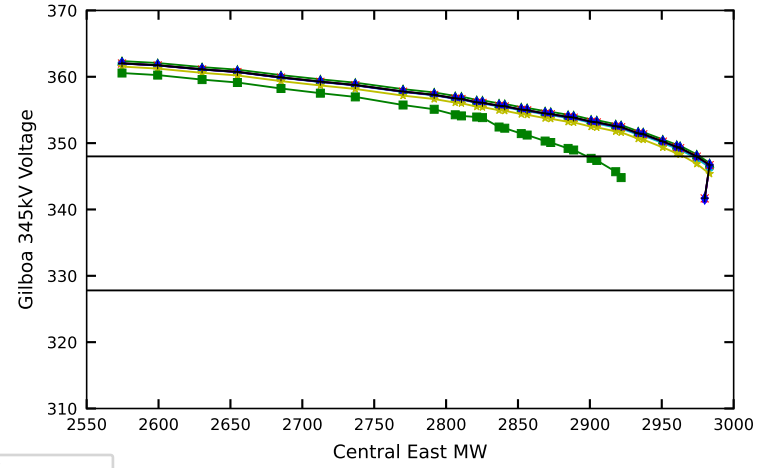
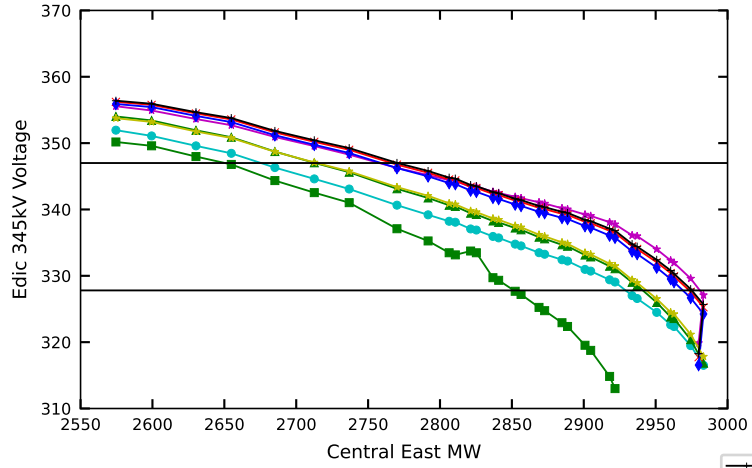
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
>E						
99998	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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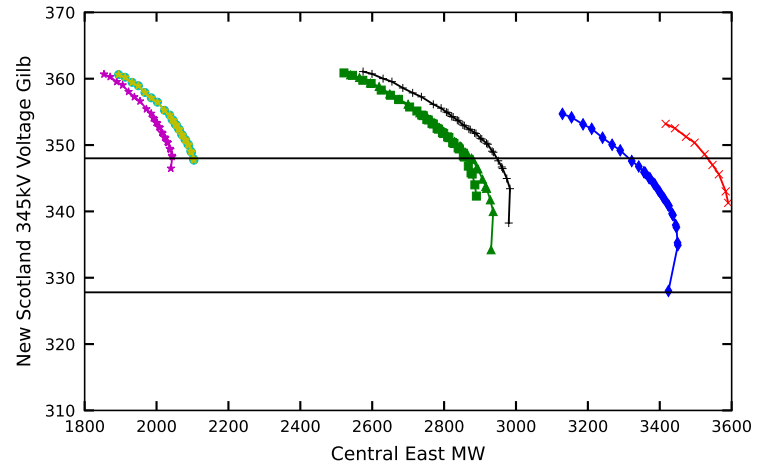
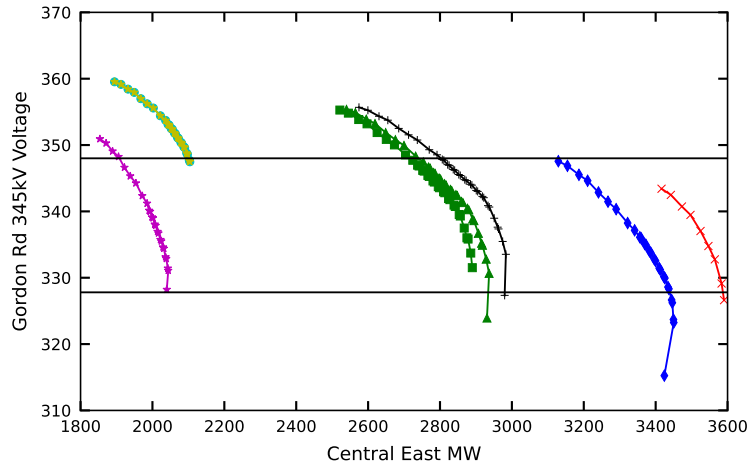
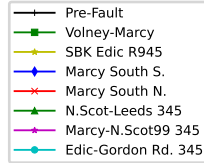
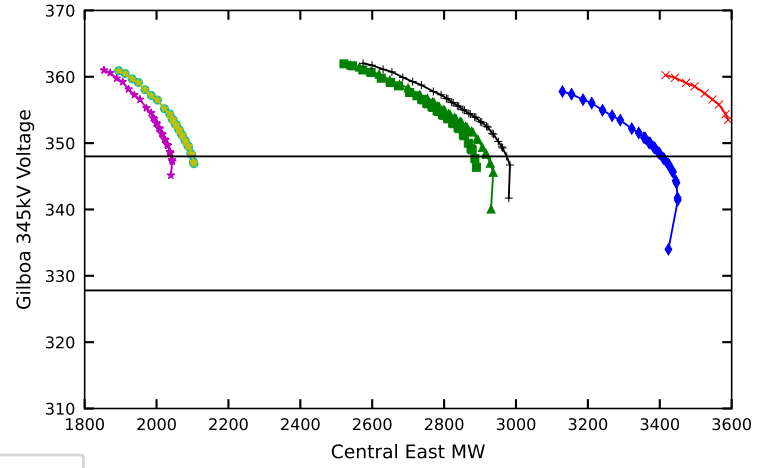
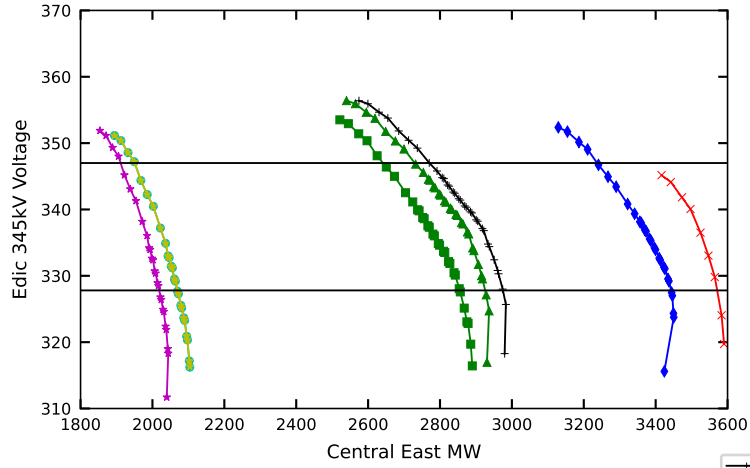
1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_05 Figure 1



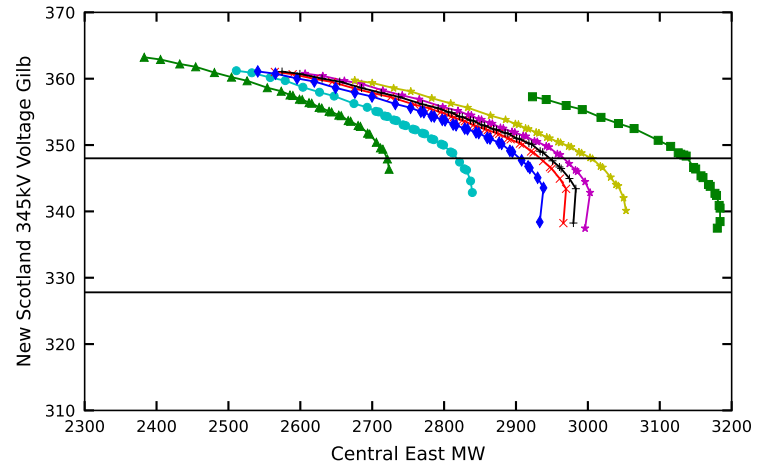
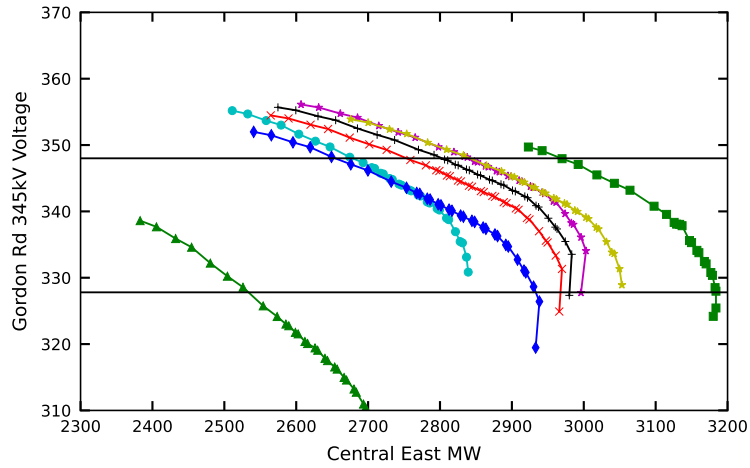
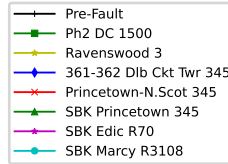
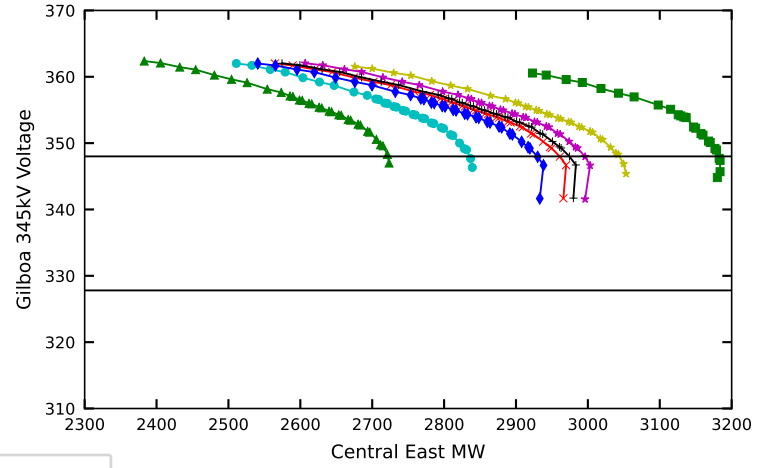
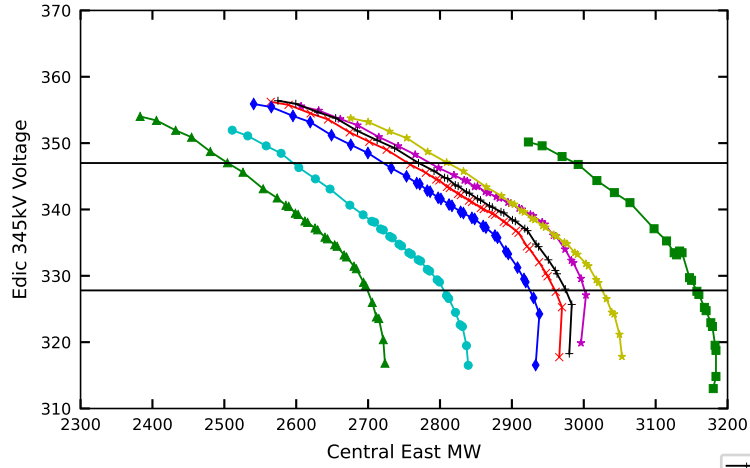
1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_05 Figure 2



1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_05 Figure 1



1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_05 Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\M_STAT_OS\Sum2023_CEVC_PH2_3O_M_STAT_OS.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1300 3O M_STAT_OS

Interface: Central East

2950	t2 8	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
2960	t2 9	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
2962	t3 0	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
2974	t3 1	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
2983	t3 2	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
2979	t3 3	0	2	2	0	2	2	2	2	2	0	2	0	0	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-

E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\M_STAT_OS\Sum2023_CEVC_PH2_3O_M_STAT_OS.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1300 3O M_STAT_OS

Interface: Central East

	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t				
	1	2	3	4	5	6	7	8	9	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3		
										0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ce0 1) Edic - Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ce0 2) Marcy- N.S cot 99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2
ce0 3) N.S cot- Lee ds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ce0 7) Marcy South N.	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
ce0 8) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2
ce1 1) SBK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-

E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\M_STAT_OS\Sum2023_CEVC_PH2_3O_M_STAT_OS.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1300 3O M_STAT_OS

Interface: Central East

log 0 2
09)
Rav
ens
wo
od
3

log 0 2 2 2 2 2 2 2 2
15)
Ph2
DC
150
0

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2492 <E	Dunwoodie 345kV Voltage	Pre-Fault	114.2	NA	348	2492
2504 <E	Sprain Brook 345kV Voltage	Pre-Fault	114.4	NA	348	2504
2652	limit with 5% margin	Marcy South N.	NA	NA	NA	3410
2745	Gordon Rd 345kV Voltage	SBK Princetown 345	11.8	327.8	350.4	2533
2748	Edic 345kV Voltage	Marcy South N.	5.8	327.8	348.5	3571
2748	Marcy 345kV Voltage	Marcy South N.	5.7	327.8	348.5	3571
2755	Marcy 345kV Voltage	Pre-Fault	14.8	NA	348	2755
2759	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3024
2770	Edic 345kV Voltage	Pre-Fault	17.8	NA	347	2770
2775	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1998
2775	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1941
2775	limit with 5% margin	SBK Edic R945	NA	NA	NA	1998
2781	Gordon Rd 345kV Voltage	Marcy South N.	8.6	327.8	348.9	3587
2790	limit with 5% margin	Marcy South S.	NA	NA	NA	3277
2791	Clay 345kV Voltage	Marcy South N.	5.7	327.8	349.7	3590
2802	Gordon Rd 345kV Voltage	Pre-Fault	20.7	NA	348	2802
2828	Millwood 345kV Voltage	Pre-Fault	76.3	NA	348	2828
2834	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2789
2834	limit with 5% margin	Volney-Marcy	NA	NA	NA	2745
2834	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2697
2834	limit with 5% margin	SBK Edic R70	NA	NA	NA	2852
2834	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2587
2834	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2821
2834	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2791
2834	limit with 5% margin	Ravenswood 3	NA	NA	NA	2900
2835 >E	Oakdale 345kV Voltage	Marcy South N.	6.8	320	348.6	3604
2846	Marcy 345kV Voltage	Edic-Gordon Rd. 345	7.5	327.8	342.0	2066
2846	Marcy 345kV Voltage	SBK Edic R945	7.6	327.8	342.0	2066
2850	Marcy 345kV Voltage	Ph2 DC 1500	6.9	327.8	341.7	3156
2851	Edic 345kV Voltage	Ph2 DC 1500	7.0	327.8	341.7	3156
2851	Edic 345kV Voltage	Edic-Gordon Rd. 345	7.6	327.8	341.7	2069
2851	Edic 345kV Voltage	SBK Edic R945	7.7	327.8	341.7	2069
2858 >E	Pannell Road 345kV Voltage	Marcy South N.	9.1	327.8	346.9	3611
2861	Edic 345kV Voltage	Marcy-N.Scot99 345	7.3	327.8	341.1	2018
2865	Marcy 345kV Voltage	Marcy-N.Scot99 345	7.3	327.8	340.7	2020
2898 >E	Station 80 345kV Voltage	Marcy South N.	10.7	327.8	346.2	3624
2903	Pannell Road 345kV Voltage	Pre-Fault	38.1	NA	346	2903
2906 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.4	327.8	343.0	3184
2906	Clay 345kV Voltage	Pre-Fault	19.3	NA	345	2906
2906	Station 80 345kV Voltage	Pre-Fault	23.8	NA	346	2906

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2908	Gordon Rd 345kV Voltage	Marcy South S.	7.9	327.8	342.8	3439
2913	Buchanan North 345kV Voltage	Pre-Fault	53.1	NA	346	2913
2915	Marcy 345kV Voltage	Marcy South S.	7.5	327.8	337.3	3442
2915	Edic 345kV Voltage	Marcy South S.	7.6	327.8	337.3	3442
2925 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.8	327.8	343.8	2105
2926 >E	Clay 345kV Voltage	SBK Edic R945	5.2	327.8	343.8	2105
2929	Edic 345kV Voltage	SBK Marcy R3108	5.8	327.8	335.6	2805
2930 >E	Clay 345kV Voltage	Ph2 DC 1500	6.6	327.8	344.1	3192
2935	Edic 345kV Voltage	Volney-Marcy	7.4	327.8	334.6	2855
2935	Marcy 345kV Voltage	Volney-Marcy	7.3	327.8	334.5	2855
2937 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	6.6	327.8	342.9	2049
2939 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	7.8	327.8	343.3	2111
2940	Marcy 345kV Voltage	SBK Princetown 345	5.3	327.8	333.9	2698
2940 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	4.2	320	339.3	2111
2941	Edic 345kV Voltage	SBK Princetown 345	5.3	327.8	333.8	2699
2941 >E	Coopers Corners 345kV Voltage	SBK Edic R945	8.3	327.8	343.3	2112
2941 >E	Oakdale 345kV Voltage	SBK Edic R945	4.4	320	339.2	2112
2942	Marcy 345kV Voltage	Ravenswood 3	5.6	327.8	333.5	3024
2943 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	343.4	2113
2943	Edic 345kV Voltage	Ravenswood 3	5.6	327.8	333.5	3025
2945 >E	Fraser 345kV Voltage	SBK Edic R945	5.7	327.8	343.3	2113
2946	New Scotland 345kV Voltage Alps	Pre-Fault	10.6	NA	348	2946
2946	New Scotland 345kV Voltage Gilb	Pre-Fault	10.6	NA	348	2946
2949 >E	Ramapo 500kV Voltage	Ph2 DC 1500	21.9	500	507.7	3197
2951	Marcy 345kV Voltage	SBK Edic R70	4.9	327.8	332.2	2974
2951 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	5.3	320	338.1	2054
2952 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	9.9	327.8	342.8	2054
2957 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	6.9	327.8	342.4	2056
2957	Oakdale 345kV Voltage	Pre-Fault	5.0	NA	335	2957
2957 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	10.9	327.8	340.2	2056
2958	Marcy 345kV Voltage	SBK Marcy R3108	3.9	327.8	331.0	2826
2959 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.0	320	337.5	3201
2960 >E	New Scotland 345kV Voltage Alps	Marcy South N.	12.5	327.8	351.0	3644
2960 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	12.5	327.8	351.0	3644
2964	Rock Tavern 345kV Voltage	Pre-Fault	15.0	NA	348	2964
2967	Fraser 345kV Voltage	Pre-Fault	4.9	NA	338	2967
2968	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	327.8	329.1	2924
2968	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	327.8	329.1	2925
2970	Marcy 345kV Voltage	N.Scot-Leeds 345	4.8	327.8	328.7	2925

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2971	Edic 345kV Voltage	N.Scot-Leeds 345	4.8	327.8	328.6	2925
2972	Marcy 345kV Voltage	Princetown-N.Scot 345	4.9	327.8	328.2	2959
2973	Edic 345kV Voltage	Princetown-N.Scot 345	5.0	327.8	328.2	2959
2974	Pleasant Valley 345kV Voltage	Pre-Fault	18.7	NA	348	2974
2974	Gilboa 345kV Voltage	Pre-Fault	9.1	NA	348	2974
2974	Coopers Corners 345kV Voltage	Pre-Fault	5.3	NA	338	2974
2977	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	4.0	327.8	334.7	2933
2980	Edic 345kV Voltage	SBK Edic R70	3.6	327.8	326.3	3001
2981	Buchanan South 345kV Voltage	Pre-Fault	15.5	NA	346	2981
2984 >E	Clay 345kV Voltage	SBK Marcy R3108	3.9	327.8	335.5	2839
2984 >E	Clay 345kV Voltage	Volney-Marcy	3.6	327.8	335.5	2890
2987 >E	Gordon Rd 345kV Voltage	Ravenswood 3	3.7	327.8	332.6	3054
2989 >E	Clay 345kV Voltage	SBK Princetown 345	3.3	327.8	334.5	2725
2990 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.8	320	326.2	2841
2990 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	8.2	327.8	342.1	2132
2991 >E	Fraser 345kV Voltage	Ph2 DC 1500	7.1	327.8	342.5	3211
2991 >E	Clay 345kV Voltage	Ravenswood 3	3.5	327.8	334.1	3056
2992 >E	Oakdale 345kV Voltage	Volney-Marcy	2.8	320	325.5	2894
2995 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	4.2	327.8	331.0	2947
2995 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	4.0	327.8	330.9	2842
2995 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.7	320	324.6	2726
2995 >E	Oakdale 345kV Voltage	Ravenswood 3	2.8	320	324.5	3057
2996 >E	Pannell Road 345kV Voltage	SBK Edic R945	8.8	327.8	341.9	2134
2996 >E	Coopers Corners 345kV Voltage	Ravenswood 3	4.2	327.8	333.7	3058
2998 >E	Gordon Rd 345kV Voltage	Volney-Marcy	4.0	327.8	330.3	2897
2998 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	4.4	327.8	330.1	2984
3002 >E	St.Lawrence 230kV Voltage	Marcy South N.	22.0	218.5	229.8	3657
3005 >E	New Scotland 345kV Voltage Alps	Marcy South S.	9.6	327.8	345.9	3467
3005 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	9.6	327.8	345.9	3467
3006 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	4.2	327.8	332.0	2729
3007 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	16.1	218.5	229.2	3216
3007 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	3.1	320	320.7	2960
3008 >E	Clay 345kV Voltage	Marcy South S.	9.0	327.8	336.9	3467
3008 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.1	320	320.5	2959
3008 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	327.8	2959
3008 >E	Fraser 345kV Voltage	Volney-Marcy	3.9	327.8	327.8	2901
3008 >E	Fraser 345kV Voltage	SBK Marcy R3108	3.9	327.8	327.8	2846
3008 >E	Fraser 345kV Voltage	SBK Edic R70	3.9	327.8	327.8	3022
3008 >E	Fraser 345kV Voltage	SBK Princetown 345	3.9	327.8	327.8	2730

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3008 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	2994
3008 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.8	2961
3008 >E	Fraser 345kV Voltage	Ravenswood 3	3.9	327.8	327.8	3062
3008 >E	Oakdale 345kV Voltage	SBK Edic R70	3.1	320	320.4	3022
3009 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.2	320	320.2	2995
3010 >E	Gordon Rd 345kV Voltage	SBK Edic R70	4.4	327.8	327.6	3024
3012 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	10.8	327.8	343.1	3218
3012 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.5	327.8	330.7	3026
3013 >E	Ramapo 345kV Voltage	Pre-Fault	15.6	NA	346	3013
3017 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	4.9	327.8	329.0	2969
3018 >E	Clay 345kV Voltage	SBK Edic R70	4.6	327.8	328.9	3030
3018 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	6.6	218.5	225.0	2848
3018 >E	St.Lawrence 230kV Voltage	Pre-Fault	16.8	NA	225	3018
3018 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	13.3	218.5	228.5	2144
3019 >E	Clay 345kV Voltage	N.Scot-Leeds 345	4.9	327.8	328.7	2968
3021 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.9	327.8	329.2	2970
3021 >E	Ramapo 500kV Voltage	Ravenswood 3	21.0	500	506.2	3067
3022 >E	Coopers Corners 345kV Voltage	Volney-Marcy	4.9	327.8	329.0	2908
3022 >E	Clay 345kV Voltage	Princetown-N.Scot 345	5.1	327.8	328.1	3007
3022 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	9.8	327.8	341.4	2145
3023 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	328.7	2975
3023 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	11.0	327.8	342.2	3221
3027 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	5.2	327.8	328.0	3012
3027 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	11.2	327.8	340.5	2079
3027 >E	St.Lawrence 230kV Voltage	SBK Edic R945	14.4	218.5	228.3	2147
3028 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	9.7	327.8	347.5	3223
3028 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	9.7	327.8	347.5	3223
3029 >E	St.Lawrence 230kV Voltage	Volney-Marcy	8.2	218.5	224.4	2911
3030 >E	Station 80 345kV Voltage	SBK Edic R945	10.5	327.8	341.1	2148
3031 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	4.9	327.8	327.1	2852
3032 >E	St.Lawrence 230kV Voltage	Ravenswood 3	8.2	218.5	224.2	3071
3033 >E	Ladentown 345kV Voltage	Pre-Fault	15.5	NA	346	3033
3034 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	7.9	218.5	224.1	2736
3037 >E	Pannell Road 345kV Voltage	Volney-Marcy	6.6	327.8	334.6	2915
3038 >E	Pannell Road 345kV Voltage	SBK Princetown 345	6.2	327.8	334.5	2737
3039 >E	Pannell Road 345kV Voltage	Ravenswood 3	6.4	327.8	334.4	3074
3040 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	4.7	327.8	333.5	3075
3040 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	4.7	327.8	333.5	3075

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3041 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	7.2	327.8	334.2	2855
3044 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	5.1	327.8	332.8	2992
3044 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	5.1	327.8	332.8	2992
3045 >E	Station 80 345kV Voltage	Ph2 DC 1500	12.7	327.8	342.7	3228
3052 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	25.9	500	506.1	2158
3052 >E	Roseton 345kV Voltage	Pre-Fault	13.4	NA	345	3052
3053 >E	Leeds 345kV Voltage	Pre-Fault	9.4	NA	345	3053
3057 >E	St.Lawrence 230kV Voltage	SBK Edic R70	9.9	218.5	222.7	3060
3058 >E	Ramapo 500kV Voltage	SBK Edic R945	27.1	500	506.0	2159
3058 >E	Pannell Road 345kV Voltage	Marcy South S.	10.0	327.8	333.6	3480
3059 >E	Oakdale 345kV Voltage	Marcy South S.	7.1	320	323.2	3480
3059 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	5.3	327.8	330.3	2926
3059 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	5.3	327.8	330.3	2926
3060 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	5.1	327.8	330.1	2860
3060 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	5.1	327.8	330.1	2860
3065 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	5.5	327.8	329.3	3066
3065 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	5.5	327.8	329.3	3066
3068 >E	Dunwoodie 345kV Voltage	Ravenswood 3	12.9	327.8	336.7	3085
3068 >E	Sprain Brook 345kV Voltage	Ravenswood 3	12.7	327.8	336.8	3086
3069 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	13.4	327.8	339.5	2094
3069 >E	Station 80 345kV Voltage	Ravenswood 3	8.3	327.8	335.0	3086
3070 >E	Station 80 345kV Voltage	SBK Princetown 345	8.2	327.8	335.0	2746
3071 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	29.9	500	505.7	2094
3071 >E	Station 80 345kV Voltage	Volney-Marcy	8.8	327.8	334.9	2932
3074 >E	Watercure 230kV Voltage	Marcy South N.	17.4	207	228.5	3680
3074 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	5.8	327.8	327.8	3058
3074 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	5.8	327.8	327.8	3058
3074 >E	Bowline 1 345kV Voltage	Pre-Fault	15.6	NA	345	3074
3075 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	5.9	327.8	327.6	3022
3075 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	5.9	327.8	327.6	3022
3077 >E	St.Lawrence 230kV Voltage	Marcy South S.	15.2	218.5	222.7	3485
3080 >E	Bowline 2 345kV Voltage	Pre-Fault	15.4	NA	345	3080
3081 >E	Station 80 345kV Voltage	SBK Marcy R3108	9.7	327.8	334.2	2865
3084 >E	Niagara 230kV East Voltage	Pre-Fault	13.1	NA	225	3084
3084 >E	Niagara 230kV West Voltage	Pre-Fault	13.1	NA	225	3084
3084 >E	Gilboa 345kV Voltage	Marcy South S.	10.8	327.8	346.0	3486
3084 >E	Rock Tavern 345kV Voltage	Ravenswood 3	7.4	327.8	336.4	3092
3087 >E	Pannell Road 345kV Voltage	SBK Edic R70	8.7	327.8	329.6	3083
3087 >E	Gilboa 345kV Voltage	Ravenswood 3	6.0	327.8	331.7	3093

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3089 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	20.4	218.5	227.3	2101
3089 >E	Buchanan North 345kV Voltage	Ravenswood 3	11.6	327.8	336.8	3094
3089 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	5.7	327.8	325.1	2751
3089 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	5.7	327.8	325.1	2751
3093 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	9.4	327.8	328.9	3038
3095 >E	Millwood 345kV Voltage	Ravenswood 3	11.6	327.8	337.0	3096
3095 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	9.5	327.8	328.7	3038
3099 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	6.5	327.8	330.0	3041
3102 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	9.8	327.8	328.1	3085
3105 >E	Gilboa 345kV Voltage	SBK Marcy R3108	6.6	327.8	329.1	2872
3108 >E	Gilboa 345kV Voltage	Volney-Marcy	6.7	327.8	328.8	2949
3110 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	15.2	218.5	219.6	3053
3111 >E	Gilboa 345kV Voltage	SBK Edic R70	6.8	327.8	328.3	3102
3114 >E	Gilboa 345kV Voltage	SBK Princetown 345	6.8	327.8	327.9	2758
3114 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	7.0	327.8	327.9	3057
3114 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	7.0	327.8	327.8	3097
3115 >E	Buchanan South 345kV Voltage	Ravenswood 3	11.5	327.8	337.4	3103
3118 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	16.0	218.5	219.1	3058
3123 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	7.9	327.8	332.6	2760
3124 >E	Niagara 230kV East Voltage	Ravenswood 3	10.4	218.5	221.9	3107
3124 >E	Niagara 230kV West Voltage	Ravenswood 3	10.4	218.5	221.9	3107
3125 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	16.6	218.5	218.7	3108
3133 >E	Niagara 230kV East Voltage	SBK Princetown 345	10.8	218.5	221.2	2762
3133 >E	Niagara 230kV West Voltage	SBK Princetown 345	10.8	218.5	221.2	2762
3133 >E	Rock Tavern 345kV Voltage	SBK Edic R70	8.4	327.8	331.6	3119
3134 >E	Niagara 230kV East Voltage	Volney-Marcy	10.9	218.5	221.1	2961
3134 >E	Niagara 230kV West Voltage	Volney-Marcy	10.9	218.5	221.1	2961
3139 >E	Ramapo 500kV Voltage	SBK Princetown 345	23.7	500	502.7	2764
3139 >E	Station 80 345kV Voltage	SBK Edic R70	12.0	327.8	330.1	3124
3140 >E	Niagara 230kV East Voltage	SBK Marcy R3108	11.3	218.5	220.7	2881
3140 >E	Niagara 230kV West Voltage	SBK Marcy R3108	11.3	218.5	220.7	2881
3143 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	10.2	327.8	334.8	3114
3147 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	9.0	327.8	330.2	3084
3148 >E	Ramapo 345kV Voltage	Ravenswood 3	11.3	327.8	337.3	3116
3149 >E	Station 80 345kV Voltage	Marcy South S.	16.0	327.8	333.7	3502
3151 >E	Gilboa 345kV Voltage	Ph2 DC 1500	12.6	327.8	347.3	3262
3153 >E	Fraser 345kV Voltage	Marcy South S.	14.3	327.8	327.8	3503
3154 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr	13.3	327.8	329.0	3094

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3155 >E	Niagara 230kV East Voltage	SBK Edic R70	12.3	218.5	219.5	3137
3155 >E	Niagara 230kV West Voltage	SBK Edic R70	12.3	218.5	219.5	3137
3158 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	13.4	327.8	328.8	3094
3158 >E	Ladentown 345kV Voltage	Ravenswood 3	11.3	327.8	337.9	3120
3160 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	9.6	327.8	328.9	3099
3162 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	12.7	218.5	219.0	3101
3162 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	12.7	218.5	219.0	3101
3163 >E	Rock Tavern 345kV Voltage	Volney-Marcy	9.7	327.8	328.7	2975
3164 >E	Leeds 345kV Voltage	Ravenswood 3	7.5	327.8	333.2	3122
3164 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	12.8	218.5	218.8	3099
3164 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	12.8	218.5	218.8	3099
3167 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	13.0	218.5	218.6	3149
3167 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	13.0	218.5	218.6	3149
3168 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	14.0	327.8	328.1	3149
3169 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	10.0	327.8	328.1	3151
3173 >E	Ramapo 500kV Voltage	SBK Edic R70	27.0	500	501.7	3151
3176 >E	Bowline 1 345kV Voltage	Ravenswood 3	11.3	327.8	338.4	3127
3177 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	13.4	327.8	343.5	2210
3179 >E	Roseton 345kV Voltage	Ravenswood 3	10.5	327.8	335.5	3128
3180 >E	Bowline 2 345kV Voltage	Ravenswood 3	11.2	327.8	338.5	3129
3182 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	10.3	327.8	326.8	2893
3183 >E	Ramapo 500kV Voltage	Volney-Marcy	29.1	500	501.4	2985
3187 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	29.2	500	501.3	3120
3191 >E	Ramapo 500kV Voltage	SBK Marcy R3108	29.8	500	501.2	2895
3192 >E	Gilboa 345kV Voltage	SBK Edic R945	14.2	327.8	343.0	2214
3193 >E	Buchanan North 345kV Voltage	SBK Princetown 345	13.6	327.8	330.3	2778
3197 >E	Ramapo 500kV Voltage	Marcy South S.	35.7	500	503.3	3514
3197 >E	Somerset 345kV Voltage	Marcy South N.	19.9	327.8	349.0	3720
3198 >E	Sprain Brook 345kV Voltage	SBK Edic R70	15.6	327.8	329.1	3170
3199 >E	Buchanan North 345kV Voltage	SBK Edic R70	14.1	327.8	329.9	3171
3200 >E	Dunwoodie 345kV Voltage	SBK Edic R70	15.8	327.8	329.1	3171
3201 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	15.5	327.8	329.0	2781
3202 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	15.9	327.8	328.9	3134
3203 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	15.7	327.8	328.9	2781
3203 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	16.1	327.8	328.9	3135
3208 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	14.6	327.8	329.4	3139
3209 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr	31.6	500	500.6	3144

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3212 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	12.0	327.8	329.4	3142
3212 >E	Millwood 345kV Voltage	SBK Edic R70	14.2	327.8	329.5	3181
3214 >E	Leeds 345kV Voltage	Volney-Marcy	9.4	327.8	327.8	2999
3214 >E	Leeds 345kV Voltage	SBK Marcy R3108	9.4	327.8	327.8	2901
3214 >E	Leeds 345kV Voltage	SBK Edic R70	9.4	327.8	327.8	3182
3214 >E	Leeds 345kV Voltage	SBK Princetown 345	9.4	327.8	327.8	2784
3214 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	9.4	327.8	327.8	3148
3214 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	9.4	327.8	327.8	3144
3214 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	9.4	327.8	327.8	3194
3214 >E	Leeds 345kV Voltage	Marcy South S.	13.8	327.8	350.3	3518
3214 >E	Millwood 345kV Voltage	SBK Princetown 345	14.0	327.8	329.3	2784
3216 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	14.4	327.8	329.2	3146
3216 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	12.1	327.8	329.1	3184
3217 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	16.7	327.8	328.1	3150
3218 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	16.9	327.8	328.1	3151
3218 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	15.1	327.8	326.6	2227
3220 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	17.0	327.8	327.9	3201
3221 >E	Sprain Brook 345kV Voltage	Volney-Marcy	16.8	327.8	327.8	3003
3222 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	17.2	327.8	327.9	3202
3222 >E	Dunwoodie 345kV Voltage	Volney-Marcy	17.1	327.8	327.8	3003
3224 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	15.4	327.8	328.4	3157
3226 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	12.1	327.8	328.3	2787
3226 >E	Buchanan North 345kV Voltage	Volney-Marcy	15.5	327.8	328.3	3005
3226 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	33.5	500	500.1	3206
3228 >E	Buchanan South 345kV Voltage	SBK Princetown 345	13.6	327.8	330.0	2788
3229 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	15.4	327.8	338.4	2231
3229 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	15.4	327.8	338.4	2231
3230 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	12.6	327.8	328.0	3007
3230 >E	Buchanan South 345kV Voltage	SBK Edic R70	13.9	327.8	329.9	3195
3231 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	12.7	327.8	327.9	3163
3231 >E	Ramapo 500kV Voltage	Pre-Fault	34.0	NA	500	3231
3231 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	15.9	327.8	327.9	3211
3232 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	12.8	327.8	327.8	3212
3232 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	15.2	327.8	328.2	3165

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3233 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	17.4	327.8	327.1	2907
3234 >E	Gordon Rd 345kV Voltage	SBK Edic R945	15.9	327.8	325.8	2231
3234 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	17.6	327.8	327.1	2907
3236 >E	Millwood 345kV Voltage	Volney-Marcy	15.3	327.8	327.9	3010
3236 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	12.8	327.8	327.5	2908
3237 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	14.3	327.8	329.5	3165
3237 >E	Ramapo 345kV Voltage	SBK Princetown 345	12.9	327.8	331.7	2790
3237 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	15.5	327.8	327.9	3217
3242 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	16.2	327.8	327.3	2909
3244 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	16.6	327.8	341.2	2153
3245 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	16.2	327.8	337.8	2236
3245 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	16.2	327.8	337.8	2236
3247 >E	Roseton 345kV Voltage	SBK Princetown 345	11.8	327.8	330.5	2793
3248 >E	Ramapo 345kV Voltage	SBK Edic R70	13.5	327.8	330.9	3209
3249 >E	Millwood 345kV Voltage	SBK Marcy R3108	15.8	327.8	327.1	2911
3250 >E	Roseton 345kV Voltage	SBK Edic R70	12.1	327.8	330.2	3210
3255 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	15.1	327.8	328.3	3185
3257 >E	Buchanan South 345kV Voltage	Volney-Marcy	15.1	327.8	328.1	3020
3258 >E	Ladentown 345kV Voltage	SBK Princetown 345	13.0	327.8	331.5	2796
3259 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	12.5	327.8	329.6	3185
3261 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	15.4	327.8	327.9	3240
3263 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	14.1	327.8	330.0	3188
3268 >E	Ladentown 345kV Voltage	SBK Edic R70	13.5	327.8	330.8	3224
3273 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	15.7	327.8	327.2	2917
3274 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	13.1	327.8	328.4	3203
3277 >E	Roseton 345kV Voltage	Volney-Marcy	13.1	327.8	328.2	3029
3280 >E	Bowline 1 345kV Voltage	SBK Princetown 345	13.1	327.8	331.8	2801
3281 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	13.3	327.8	327.9	3260
3281 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	14.1	327.8	330.0	3205
3283 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	15.0	327.8	328.7	3210
3284 >E	Bowline 2 345kV Voltage	SBK Princetown 345	13.0	327.8	331.8	2802
3285 >E	Ramapo 345kV Voltage	Volney-Marcy	15.0	327.8	328.6	3033
3291 >E	Roseton 345kV Voltage	SBK Marcy R3108	13.5	327.8	327.2	2922
3291 >E	Bowline 1 345kV Voltage	SBK Edic R70	13.6	327.8	331.1	3242
3294 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	20.9	327.8	345.9	2258
3294 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	15.5	327.8	328.0	3272
3295 >E	Bowline 2 345kV Voltage	SBK Edic R70	13.5	327.8	331.1	3245
3302 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr	14.9	327.8	328.7	3228

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3304 >E	Ladentown 345kV Voltage	Volney-Marcy	15.0	327.8	328.5	3043
3305 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	14.1	327.8	330.2	3226
3305 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	18.3	327.8	344.4	2263
3307 >E	Ramapo 345kV Voltage	SBK Marcy R3108	15.8	327.8	327.2	2927
3309 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	14.0	327.8	330.2	3230
3312 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	15.4	327.8	328.0	3290
3316 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	19.3	327.8	335.1	2177
3316 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	19.3	327.8	335.1	2177
3317 >E	Rock Tavern 345kV Voltage	SBK Edic R945	22.2	327.8	345.7	2265
3325 >E	Ladentown 345kV Voltage	SBK Marcy R3108	15.7	327.8	327.2	2932
3327 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	15.0	327.8	328.7	3251
3330 >E	Bowline 1 345kV Voltage	Volney-Marcy	15.0	327.8	328.6	3055
3332 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	14.9	327.8	328.7	3255
3334 >E	Bowline 2 345kV Voltage	Volney-Marcy	14.9	327.8	328.6	3057
3336 >E	Somerset 345kV Voltage	SBK Edic R945	19.7	327.8	343.7	2273
3339 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	15.4	327.8	328.0	3316
3343 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	15.3	327.8	328.0	3320
3352 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	15.7	327.8	327.1	2939
3356 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	15.6	327.8	327.1	2940
3368 >E	Somerset 345kV Voltage	Ph2 DC 1500	22.5	327.8	346.7	3331
3383 >E	Fraser 345kV Voltage	Marcy South N.	22.6	327.8	327.8	3779
3395 >E	Ramapo 500kV Voltage	Marcy South N.	73.5	500	504.8	3783
3396 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	26.1	327.8	344.8	2205
3406 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	24.9	327.8	347.2	3343
3416 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	32.4	327.8	343.7	3347
3419 >E	Leeds 345kV Voltage	Ph2 DC 1500	19.6	327.8	350.4	3347
3425 >E	Gilboa 345kV Voltage	Marcy South N.	24.7	327.8	342.7	3793
3452 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	24.9	327.8	341.2	2224
3495 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	28.8	327.8	347.8	3372
3521 >E	Ramapo 345kV Voltage	Ph2 DC 1500	30.6	327.8	347.5	3380
3530 >E	Pleasant Valley 345kV Voltage	Marcy South S.	34.8	327.8	344.7	3596
3537 >E	Watercure 230kV Voltage	Ph2 DC 1500	31.9	207	240.2	3385
3541 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	33.9	327.8	346.5	3386
3549 >E	Millwood 345kV Voltage	Ph2 DC 1500	36.6	327.8	345.5	3389
3569 >E	Ladentown 345kV Voltage	Ph2 DC 1500	30.8	327.8	348.7	3395
3576 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	40.5	327.8	341.2	2375
3578 >E	Gardenville 230kV Voltage	Ravenswood 3	22.0	207	217.4	3282
3579 >E	Rainey 345kV Voltage	Ravenswood 3	31.4	327.8	342.9	3282

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3589 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	44.5	327.8	343.4	3401
3592 >E	Gardenville 230kV Voltage	Pre-Fault	34.5	NA	217	3592
3598 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	45.2	327.8	343.4	3404
3611 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	34.4	327.8	345.0	2390
3612 >E	Buchanan North 345kV Voltage	SBK Edic R945	42.7	327.8	340.9	2386
3612 >E	Farragut 345kV Voltage	Ravenswood 3	32.8	327.8	342.2	3295
3612 >E	Gardenville 230kV Voltage	SBK Princetown 345	23.2	207	216.4	2889
3616 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	30.7	327.8	350.1	3410
3622 >E	Somerset 345kV Voltage	Marcy South S.	31.0	327.8	334.1	3619
3630 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	30.7	327.8	350.5	3414
3631 >E	Gardenville 230kV Voltage	Volney-Marcy	23.9	207	215.9	3198
3635 >E	Leeds 345kV Voltage	Marcy South N.	30.5	327.8	348.0	3860
3651 >E	Ramapo 345kV Voltage	SBK Edic R945	36.3	327.8	344.7	2402
3664 >E	Gardenville 230kV Voltage	SBK Marcy R3108	25.1	207	214.9	3024
3693 >E	Roseton 345kV Voltage	Ph2 DC 1500	33.6	327.8	349.6	3435
3718 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	48.7	327.8	340.1	2314
3724 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	36.9	327.8	345.7	2436
3767 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	41.7	327.8	343.8	2331
3769 >E	Ladentown 345kV Voltage	SBK Edic R945	39.0	327.8	345.4	2450
3777 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	36.7	327.8	347.0	2458
3795 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	36.7	327.8	347.3	2465
3805 >E	Gardenville 230kV Voltage	SBK Edic R70	29.8	207	210.8	3641
3825 >E	Bowline 1 345kV Voltage	SBK Edic R945	38.7	327.8	346.6	2473
3844 >E	Bowline 2 345kV Voltage	SBK Edic R945	38.8	327.8	346.9	2481
3852 >E	Farragut 345kV Voltage	Pre-Fault	57.7	NA	338	3852
3856 >E	Rainey 345kV Voltage	Pre-Fault	56.2	NA	338	3856
3857 >E	Niagara 345kV Voltage	Marcy South N.	38.4	327.8	352.3	3931
3861 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	48.7	327.8	343.1	2493
3871 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	32.2	207	208.9	3746
3872 >E	Niagara 230kV East Voltage	Marcy South N.	76.2	218.5	231.5	3936
3872 >E	Niagara 230kV West Voltage	Marcy South N.	76.2	218.5	231.5	3936
3886 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	32.7	207	208.5	3750
3900 >E	Goethals 345kV Voltage	Ravenswood 3	44.3	327.8	341.2	3406
3901 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	44.6	327.8	344.4	2377
3912 >E	Buchanan South 345kV Voltage	SBK Edic R945	51.4	327.8	342.8	2509
3921 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	33.9	207	207.5	3883
3947 >E	Somerset 345kV Voltage	Ravenswood 3	45.2	327.8	363.6	3424
3954 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	36.5	327.8	347.1	2532
3967 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	44.4	327.8	345.5	2399
3987 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	44.4	327.8	345.8	2406

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4006 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	59.8	327.8	342.0	2553
4036 >E	Niagara 345kV Voltage	SBK Edic R945	39.4	327.8	346.3	2560
4047 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	47.5	327.8	345.1	2570
4053 >E	Niagara 345kV Voltage	Ph2 DC 1500	41.5	327.8	350.2	3549
4064 >E	Somerset 345kV Voltage	SBK Princetown 345	49.4	327.8	365.1	3008
4065 >E	Millwood 345kV Voltage	SBK Edic R945	63.0	327.8	341.7	2571
4070 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	58.9	327.8	341.9	2434
4084 >E	Pleasant Valley 345kV Voltage	Marcy South N.	57.8	327.8	341.9	4003
4092 >E	Watercure 230kV Voltage	Ravenswood 3	47.4	207	235.1	3479
4092 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	80.5	218.5	229.1	2589
4092 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	80.5	218.5	229.1	2589
4097 >E	Niagara 230kV East Voltage	Ph2 DC 1500	83.7	218.5	230.7	3563
4097 >E	Niagara 230kV West Voltage	Ph2 DC 1500	83.7	218.5	230.7	3563
4108 >E	Roseton 345kV Voltage	SBK Edic R945	50.0	327.8	344.7	2589
4109 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	75.4	327.8	340.5	2596
4125 >E	Gardenville 230kV Voltage	Marcy South N.	54.4	207	229.3	4017
4139 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	77.6	327.8	340.4	2608
4141 >E	Watercure 230kV Voltage	SBK Princetown 345	48.5	207	235.2	3028
4151 >E	Goethals 345kV Voltage	Pre-Fault	78.2	NA	338	4151
4176 >E	Sprain Brook 345kV Voltage	SBK Edic R945	79.6	327.8	340.2	2617
4187 >E	Niagara 230kV East Voltage	SBK Edic R945	87.0	218.5	228.7	2621
4187 >E	Niagara 230kV West Voltage	SBK Edic R945	87.0	218.5	228.7	2621
4209 >E	Dunwoodie 345kV Voltage	SBK Edic R945	82.0	327.8	340.2	2630
4223 >E	Roseton 345kV Voltage	Marcy South S.	53.5	327.8	342.0	3768
4257 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	72.6	327.8	340.9	2497
4284 >E	Rainey 345kV Voltage	SBK Princetown 345	50.4	327.8	330.4	3066
4291 >E	Millwood 345kV Voltage	Marcy South S.	74.7	327.8	339.5	3785
4293 >E	Farragut 345kV Voltage	SBK Princetown 345	51.8	327.8	330.4	3068
4301 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	57.6	327.8	343.4	2512
4303 >E	Watercure 230kV Voltage	Volney-Marcy	56.5	207	235.6	3519
4311 >E	Rainey 345kV Voltage	SBK Edic R70	51.7	327.8	329.9	4035
4324 >E	Farragut 345kV Voltage	SBK Edic R70	53.2	327.8	329.8	4045
4329 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	49.5	327.8	343.3	2522
4335 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	52.6	327.8	329.5	4154
4348 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	54.2	327.8	329.4	4166
4358 >E	Somerset 345kV Voltage	Volney-Marcy	63.3	327.8	368.9	3545
4364 >E	Coopers Corners 345kV Voltage	Marcy South N.	48.8	327.8	304.0	4093
4383 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	65.0	327.8	339.6	2709
4392 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	92.0	327.8	339.6	2543
4396 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	54.9	327.8	328.4	4223

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4405 >E	Rainey 345kV Voltage	Volney-Marcy	55.1	327.8	328.2	3567
4408 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	56.4	327.8	328.4	4233
4415 >E	Sprain Brook 345kV Voltage	Marcy South S.	93.3	327.8	338.5	3815
4416 >E	Farragut 345kV Voltage	Volney-Marcy	56.6	327.8	328.2	3572
4418 >E	Dunwoodie 345kV Voltage	Marcy South S.	94.4	327.8	338.6	3816
4423 >E	Rainey 345kV Voltage	Princeton-N.Scot 345	55.9	327.8	327.9	4372
4424 >E	Buchanan North 345kV Voltage	Marcy South S.	75.1	327.8	333.5	3818
4432 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	94.9	327.8	339.6	2557
4434 >E	Farragut 345kV Voltage	Princeton-N.Scot 345	57.5	327.8	327.9	4384
4447 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	67.9	327.8	339.2	2728
4454 >E	Rainey 345kV Voltage	SBK Marcy R3108	56.9	327.8	327.4	3238
4464 >E	Farragut 345kV Voltage	SBK Marcy R3108	58.4	327.8	327.4	3241
4482 >E	Watercure 230kV Voltage	SBK Marcy R3108	64.7	207	236.0	3246
4500 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	82.2	207	295.5	2758
4517 >E	Buchanan South 345kV Voltage	Marcy South S.	76.3	327.8	337.8	3841
4529 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	110.0	218.5	227.3	2590
4529 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	110.0	218.5	227.3	2590
4613 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	59.6	327.8	327.8	2805
4614 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	59.6	327.8	327.8	2619
4614 >E	Leeds 345kV Voltage	SBK Edic R945	59.6	327.8	327.8	2796
4660 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	66.0	207	229.8	2824
4676 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	77.1	327.8	337.5	2640
4734 >E	Goethals 345kV Voltage	SBK Princeton 345	69.5	327.8	330.5	3184
4794 >E	Niagara 345kV Voltage	Marcy South S.	65.6	327.8	334.4	3909
4807 >E	Goethals 345kV Voltage	SBK Edic R70	72.7	327.8	329.6	4420
4836 >E	Gardenville 230kV Voltage	SBK Edic R945	72.6	207	229.3	2887
4840 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	74.0	327.8	329.2	4608
4900 >E	Goethals 345kV Voltage	Volney-Marcy	76.1	327.8	328.4	3803
4901 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	76.3	327.8	328.4	4682
4939 >E	Goethals 345kV Voltage	Princeton-N.Scot 345	77.8	327.8	327.9	4875
4958 >E	Goethals 345kV Voltage	SBK Marcy R3108	78.3	327.8	327.7	3375
4970 >E	Gardenville 230kV Voltage	Ph2 DC 1500	77.3	207	231.8	3841
4972 >E	Ramapo 345kV Voltage	Marcy South S.	80.3	327.8	332.4	3953
5029 >E	Roseton 345kV Voltage	Marcy South N.	82.8	327.8	338.2	4306
5039 >E	Millwood 345kV Voltage	Marcy South N.	108.1	327.8	336.1	4309
5143 >E	Ladentown 345kV Voltage	Marcy South S.	85.2	327.8	333.0	3996
5154 >E	Buchanan North 345kV Voltage	Marcy South N.	113.1	327.8	333.3	4346
5203 >E	Sprain Brook 345kV Voltage	Marcy South N.	131.9	327.8	334.5	4361
5207 >E	Dunwoodie 345kV Voltage	Marcy South N.	133.0	327.8	334.5	4363

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5279 >E	Somerset 345kV Voltage	SBK Marcy R3108	104.9	327.8	380.9	3462
5332 >E	Buchanan South 345kV Voltage	Marcy South N.	111.7	327.8	335.9	4403
5415 >E	Niagara 230kV East Voltage	Marcy South S.	168.1	218.5	222.3	4063
5415 >E	Niagara 230kV West Voltage	Marcy South S.	168.1	218.5	222.3	4063
5422 >E	Rock Tavern 345kV Voltage	Marcy South S.	85.4	327.8	318.8	4065
5463 >E	Rock Tavern 345kV Voltage	Marcy South N.	92.7	327.8	324.6	4445
5519 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	98.1	207	227.3	2926
5527 >E	Bowline 1 345kV Voltage	Marcy South S.	94.1	327.8	331.4	4091
5551 >E	Bowline 2 345kV Voltage	Marcy South S.	93.6	327.8	331.6	4096
5854 >E	Ramapo 345kV Voltage	Marcy South N.	118.7	327.8	333.2	4569
5880 >E	Watercure 230kV Voltage	SBK Edic R945	153.8	207	350.6	3314
6164 >E	Ladentown 345kV Voltage	Marcy South N.	126.3	327.8	334.8	4668
6228 >E	Rainey 345kV Voltage	Ph2 DC 1500	127.5	327.8	353.0	4242
6238 >E	Farragut 345kV Voltage	Ph2 DC 1500	130.4	327.8	352.5	4245
6671 >E	Coopers Corners 345kV Voltage	Marcy South S.	96.4	327.8	190.9	4373
6719 >E	Bowline 1 345kV Voltage	Marcy South N.	139.1	327.8	335.2	4846
6759 >E	Bowline 2 345kV Voltage	Marcy South N.	138.5	327.8	335.4	4859
6858 >E	Northport 138kV Voltage	Pre-Fault	439.9	NA	135	6858
7017 >E	Northport 138kV Voltage	Ravenswood 3	325.6	131.1	134.6	4605
7109 >E	Goethals 345kV Voltage	Ph2 DC 1500	165.9	327.8	352.8	4523
8138 >E	Northport 138kV Voltage	SBK Princetown 345	405.4	131.1	132.1	4082
8150 >E	Northport 138kV Voltage	SBK Edic R70	406.8	131.1	132.1	7018
8227 >E	Northport 138kV Voltage	N.Scot-Leeds 345	412.9	131.1	131.9	7659
8458 >E	Gardenville 230kV Voltage	Marcy South S.	204.5	207	220.3	4815
8474 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	432.1	131.1	131.3	7931
8543 >E	Northport 138kV Voltage	Volney-Marcy	437.3	131.1	131.2	5539
8556 >E	Northport 138kV Voltage	Princetown-N.Scot 345	438.6	131.1	131.1	8401
8719 >E	Northport 138kV Voltage	SBK Marcy R3108	450.7	131.1	130.8	4396
8873 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	226.6	327.8	348.7	4570
8911 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	232.6	327.8	348.3	4586
9209 >E	Rainey 345kV Voltage	SBK Edic R945	239.3	327.8	348.4	4676
9245 >E	Farragut 345kV Voltage	SBK Edic R945	245.5	327.8	348.0	4691
10153 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	274.5	327.8	347.5	4501
10189 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	281.4	327.8	347.1	4513
10271 >E	Rainey 345kV Voltage	Marcy South S.	278.9	327.8	346.0	5264
10289 >E	Farragut 345kV Voltage	Marcy South S.	285.1	327.8	345.7	5268

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
10784 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	308.1	327.8	349.0	5362
11198 >E	Goethals 345kV Voltage	SBK Edic R945	324.4	327.8	348.8	5490
12385 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	370.1	327.8	348.1	5260
12686 >E	Goethals 345kV Voltage	Marcy South S.	381.8	327.8	346.8	5861
13121 >E	Watercure 230kV Voltage	SBK Edic R70	401.0	207	257.0	10880
13816 >E	Rainey 345kV Voltage	Marcy South N.	408.0	327.8	338.0	7116
13934 >E	Farragut 345kV Voltage	Marcy South N.	420.8	327.8	337.9	7154
14567 >E	Northport 138kV Voltage	Ph2 DC 1500	921.0	131.1	145.0	6898
17794 >E	Goethals 345kV Voltage	Marcy South N.	575.9	327.8	338.1	8388
38505 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	2801.3	131.1	145.3	16852
41109 >E	Northport 138kV Voltage	SBK Edic R945	3006.3	131.1	145.4	17728
49690 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	3679.4	131.1	145.7	17936
62273 >E	Northport 138kV Voltage	Marcy South N.	4683.5	131.1	135.7	22614
94017 >E	Northport 138kV Voltage	Marcy South S.	7181.8	131.1	146.6	25976
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

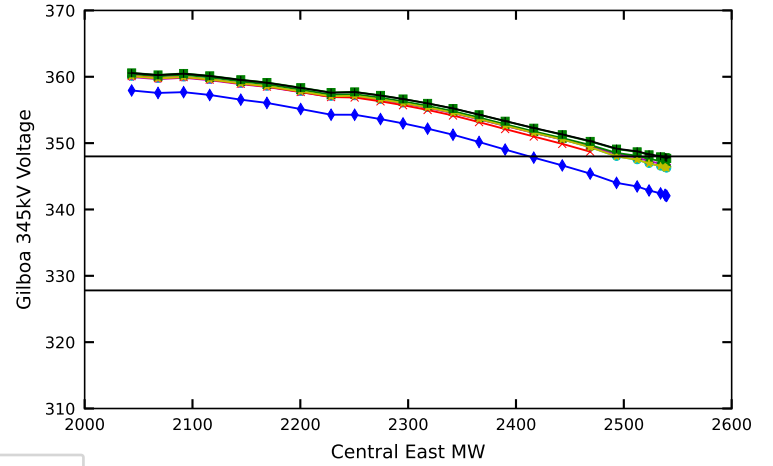
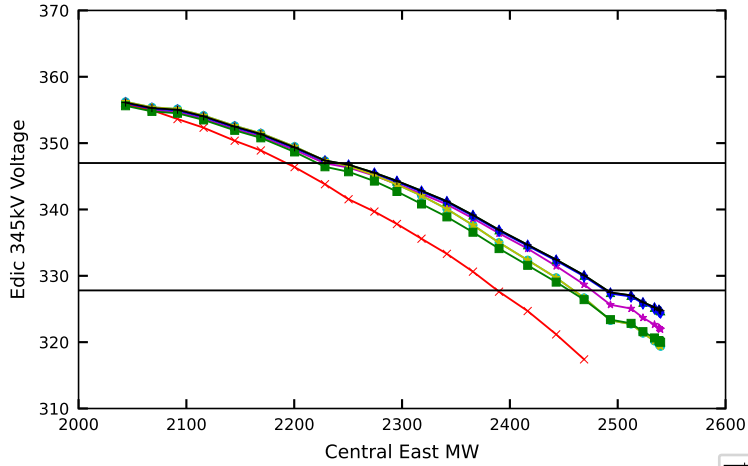
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\M_STAT_OS\Sum2023_CEVC_Ph2_30_M_STAT_OS.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1300 30 M_STAT_OS

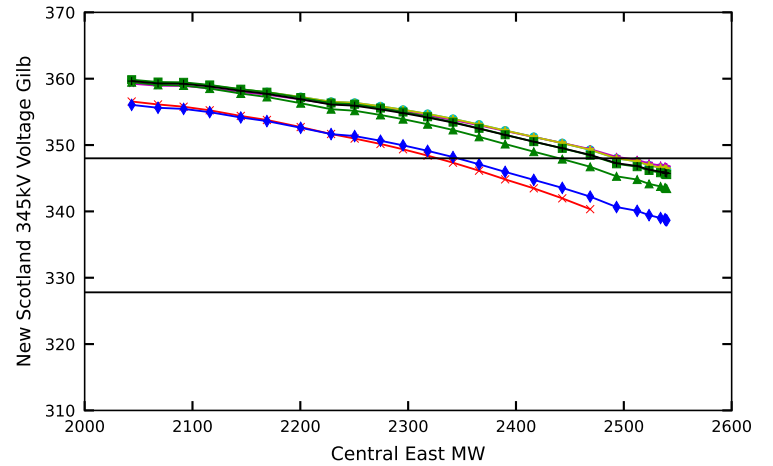
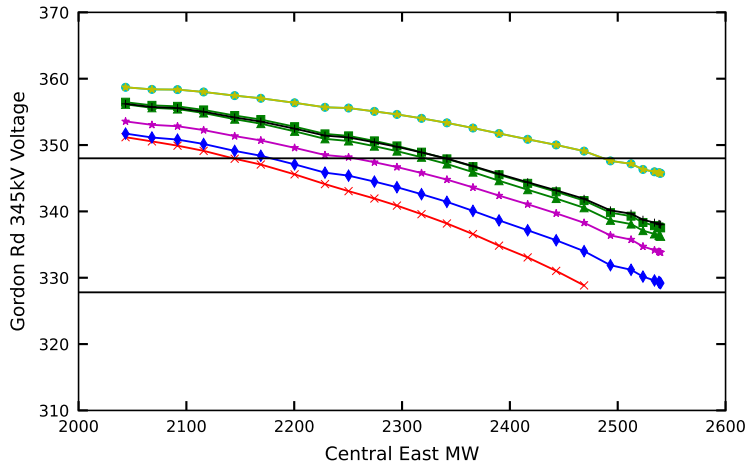
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr	NA	327.8	NA	99998
>E		345				
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	361-362 Dlb Ckt Twr	NA	327.8	NA	99998
>E		345				
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr	NA	207	NA	99998
>E		345				

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

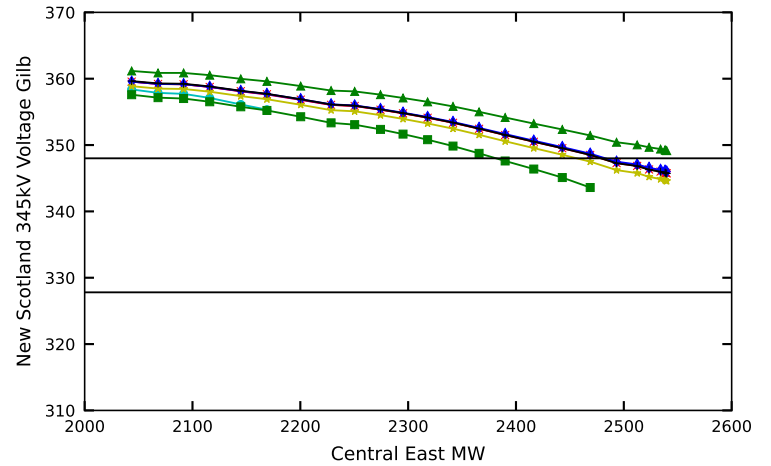
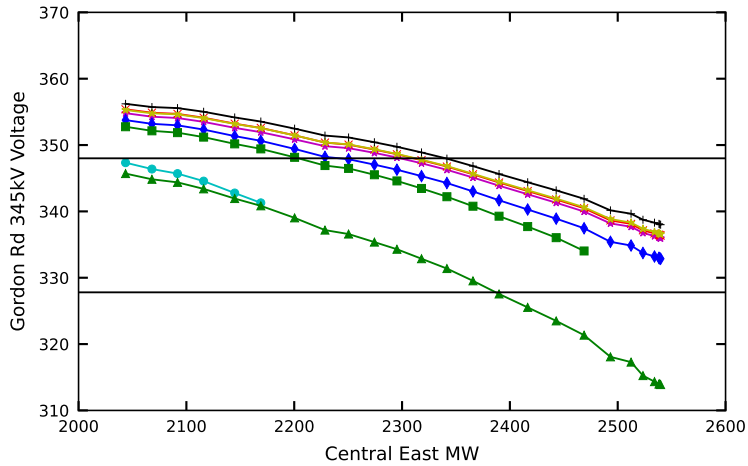
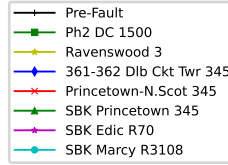
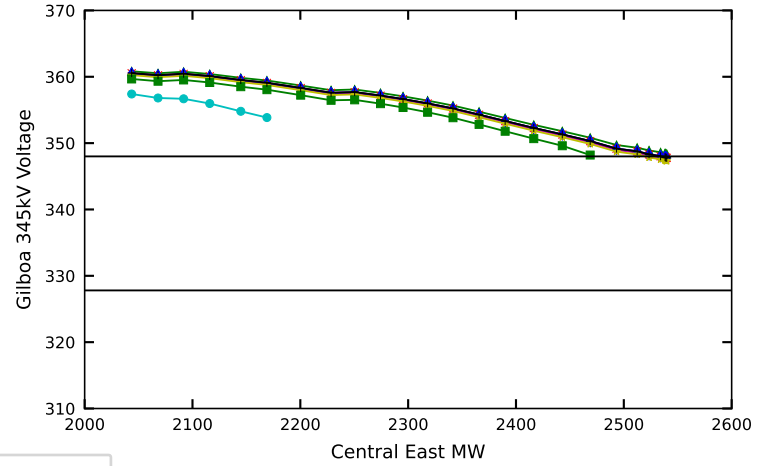
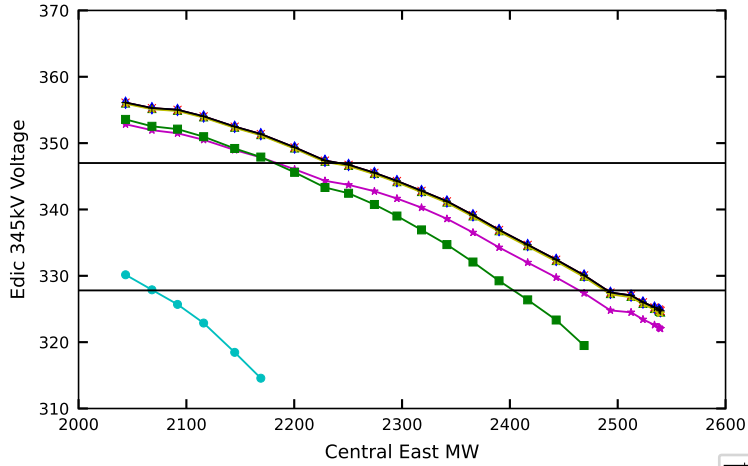
1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS Figure 1



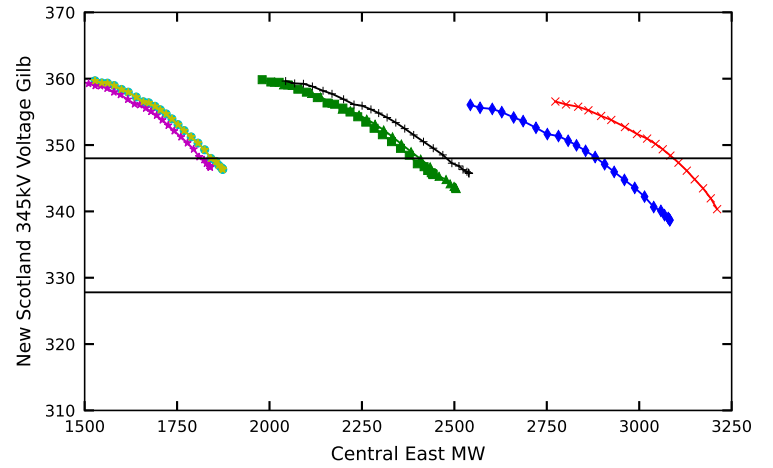
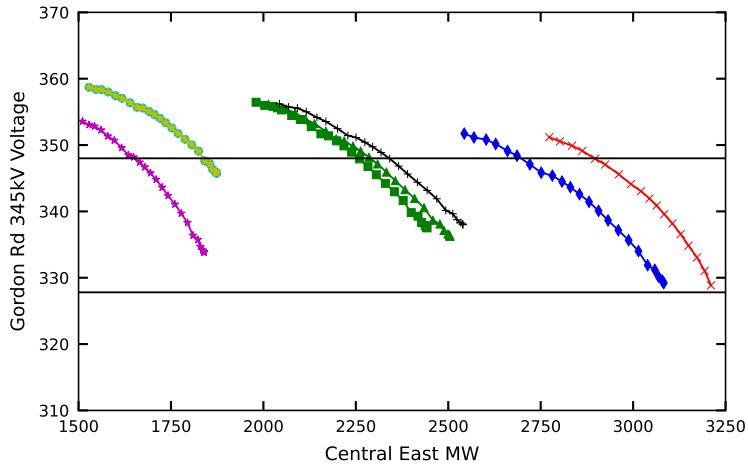
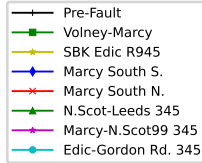
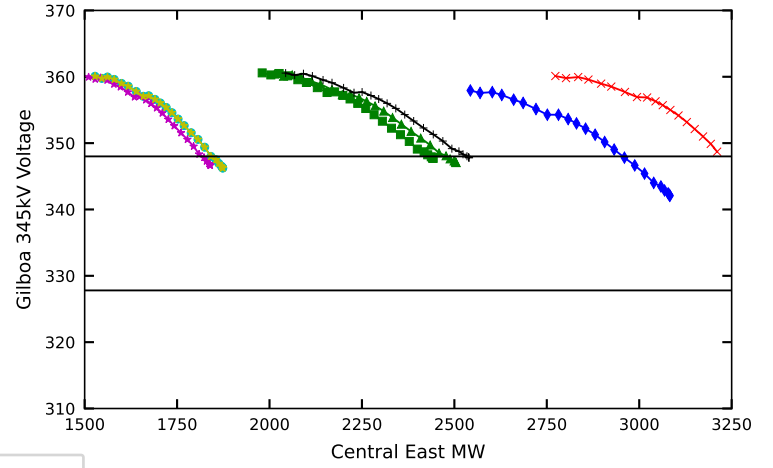
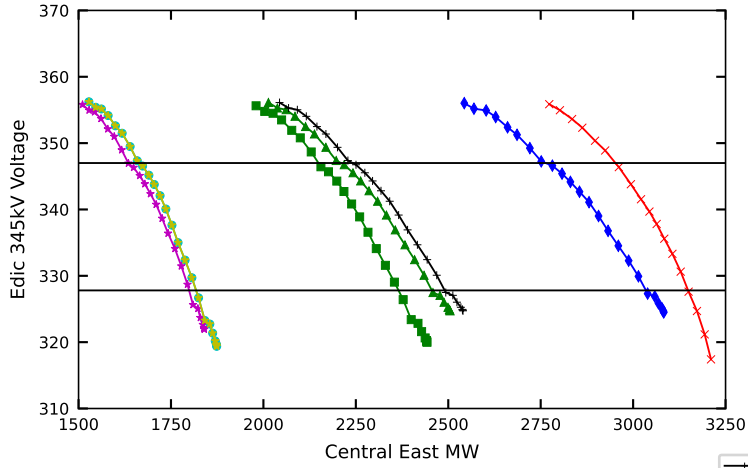
- +— Pre-Fault
- Volney-Marcy
- ▲— SBK Edic R945
- ◆— Marcy South S.
- x— Marcy South N.
- ▲— N.Scot-Leeds 345
- *— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



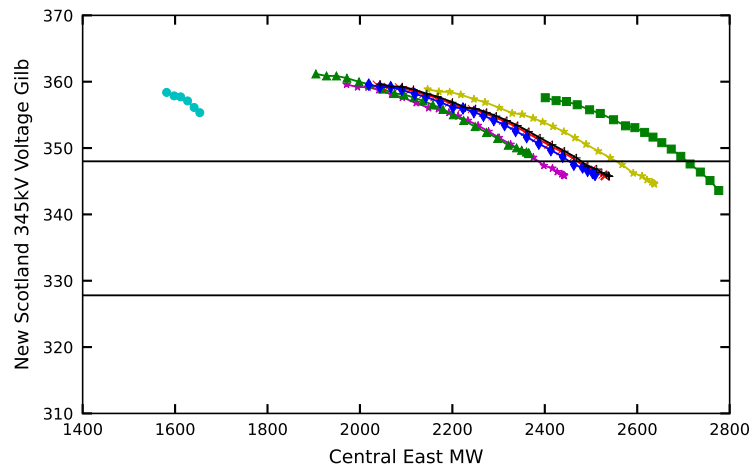
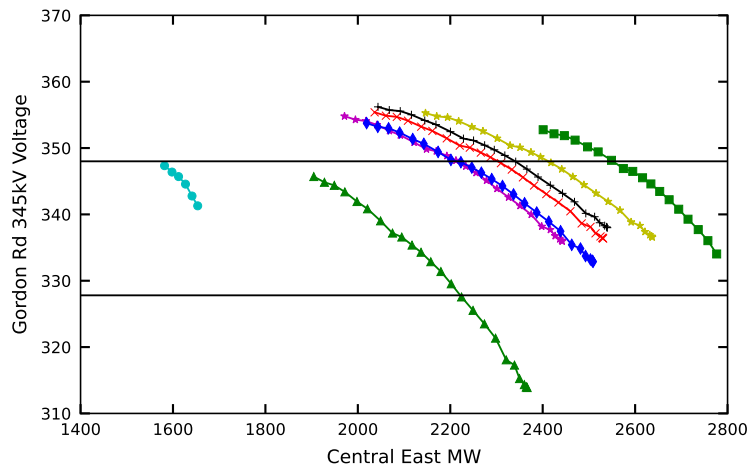
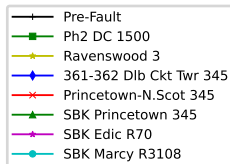
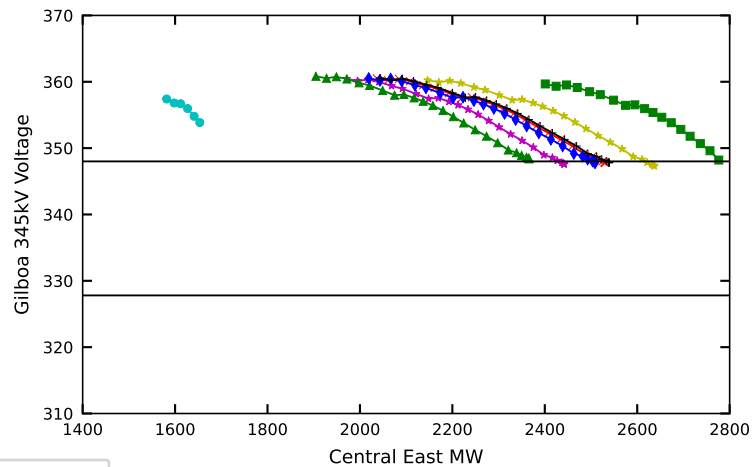
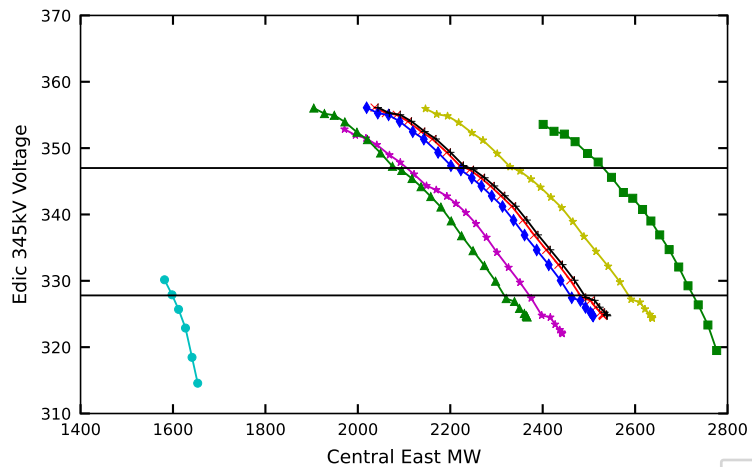
1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS Figure 2



1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS Figure 1



1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\MSU1_OS\Sum2023_CEVC_PH2_30_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2043	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2068	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2091	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2115	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2144	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2169	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	t7	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
2228	t8	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
2250	t9	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
2274	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	0															
2295	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	1															
2318	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	2															
2341	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	3															
2365	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	4															
2389	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	5															
2416	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	6															
2442	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	7															
2468	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	8															
2493	t1	0	0	0	0	2	0	0	0	2	0	0	0	0	0	1
	9															
2512	t2	0	0	0	0	2	0	0	0	2	0	0	0	0	0	1
	0															
2523	t2	0	0	0	0	2	0	0	0	2	0	0	0	0	0	2
	1															
2534	t2	0	0	0	0	2	0	0	0	2	0	0	0	0	0	2
	2															
2538	t2	0	0	0	0	2	0	0	0	2	0	0	0	0	0	2
	3															
2538	t2	0	0	0	0	2	0	0	0	2	0	0	0	0	0	2
	4															
2539	t2	0	0	0	0	2	0	0	0	2	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-09-2023 15:00

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\MSU1_OS\Sum2023_CEVC_PH2_3O_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2030 MS910 DE1780 3O MSU1_OS

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\3O\MSU1_OS\Sum2023_CEVC_PH2_3O_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2030 MS910 DE1780 3O MSU1_OS

Interface: Central East

Dlb Ckt																										
Twr 345																										
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																										
wood 3																										
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	2
Ph2 DC																										
1500																										

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1439 <E	Dunwoodie 345kV Voltage	Pre-Fault	376.3	NA	348	1439
1474 <E	Sprain Brook 345kV Voltage	Pre-Fault	372.4	NA	348	1474
2060	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1570
2069	Edic 345kV Voltage	SBK Marcy R3108	10.8	327.8	355.3	1598
2163	Clay 345kV Voltage	SBK Marcy R3108	7.1	327.8	352.8	1650
2211	Station 80 345kV Voltage	Pre-Fault	34.8	NA	346	2211
2226	Marcy 345kV Voltage	Pre-Fault	14.1	NA	348	2226
2239 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	11.4	327.8	346.8	1689
2241	Edic 345kV Voltage	Pre-Fault	34.5	NA	347	2241
2255	Pannell Road 345kV Voltage	Pre-Fault	32.3	NA	346	2255
2256 >E	Oakdale 345kV Voltage	SBK Marcy R3108	7.1	320	353.3	1697
2273 >E	Station 80 345kV Voltage	SBK Marcy R3108	13.5	327.8	345.2	1706
2335	Millwood 345kV Voltage	Pre-Fault	61.2	NA	348	2335
2338 >E	Fraser 345kV Voltage	SBK Marcy R3108	9.9	327.8	353.6	1739
2340	Gordon Rd 345kV Voltage	Pre-Fault	25.2	NA	348	2340
2342	Clay 345kV Voltage	Pre-Fault	14.3	NA	345	2342
2345	limit with 5% margin	Marcy South N.	NA	NA	NA	3050
2345	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2637
2386	Gordon Rd 345kV Voltage	SBK Princetown 345	12.2	327.8	345.8	2221
2388	Edic 345kV Voltage	Marcy South N.	8.0	327.8	337.1	3148
2389 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	16.4	327.8	347.9	1765
2393	Marcy 345kV Voltage	Marcy South N.	9.0	327.8	337.1	3152
2403	Edic 345kV Voltage	Ph2 DC 1500	9.2	327.8	335.8	2725
2409	Marcy 345kV Voltage	Ph2 DC 1500	9.2	327.8	335.7	2731
2412	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1779
2412	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1747
2412	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2379
2412	limit with 5% margin	Marcy South S.	NA	NA	NA	2928
2412	limit with 5% margin	SBK Edic R945	NA	NA	NA	1779
2412	limit with 5% margin	Volney-Marcy	NA	NA	NA	2320
2412	limit with 5% margin	SBK Edic R70	NA	NA	NA	2320
2412	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2248
2412	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2404
2412	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2383
2412	limit with 5% margin	Ravenswood 3	NA	NA	NA	2505
2432	Oakdale 345kV Voltage	Marcy South N.	7.9	320	335.5	3185
2438	Oakdale 345kV Voltage	Pre-Fault	10.8	NA	335	2438
2438	Buchanan North 345kV Voltage	Pre-Fault	71.5	NA	346	2438
2444	Clay 345kV Voltage	Marcy South N.	8.3	327.8	337.7	3194
2455	Edic 345kV Voltage	Volney-Marcy	9.8	327.8	331.3	2365

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2456	Clay 345kV Voltage	Ph2 DC 1500	7.7	327.8	336.7	2767
2459	Edic 345kV Voltage	SBK Edic R945	8.5	327.8	331.0	1817
2459	Edic 345kV Voltage	Edic-Gordon Rd. 345	8.5	327.8	331.0	1817
2460	Marcy 345kV Voltage	SBK Edic R945	8.4	327.8	331.3	1818
2460	Marcy 345kV Voltage	Edic-Gordon Rd. 345	8.4	327.8	331.3	1818
2464	Edic 345kV Voltage	SBK Edic R70	10.9	327.8	330.5	2370
2465	Marcy 345kV Voltage	Volney-Marcy	9.8	327.8	330.8	2374
2471 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	11.2	327.8	336.1	2778
2475	Edic 345kV Voltage	Marcy-N.Scot99 345	8.0	327.8	329.3	1798
2478	New Scotland 345kV Voltage Alps	Pre-Fault	19.5	NA	348	2478
2478	New Scotland 345kV Voltage Gilb	Pre-Fault	19.5	NA	348	2478
2480 >E	Station 80 345kV Voltage	Ph2 DC 1500	12.8	327.8	336.1	2785
2481 >E	Gordon Rd 345kV Voltage	Marcy South N.	11.8	327.8	341.3	3218
2483	Marcy 345kV Voltage	Marcy-N.Scot99 345	7.9	327.8	328.9	1803
2484	Rock Tavern 345kV Voltage	Pre-Fault	40.6	NA	348	2484
2487	Edic 345kV Voltage	Ravenswood 3	9.4	327.8	328.1	2585
2488	Edic 345kV Voltage	Marcy South S.	9.4	327.8	328.0	3034
2488	Edic 345kV Voltage	SBK Princetown 345	9.3	327.8	328.0	2316
2489	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	9.4	327.8	327.8	2459
2490	Edic 345kV Voltage	Princetown-N.Scot 345	9.4	327.8	327.8	2481
2490	Edic 345kV Voltage	N.Scot-Leeds 345	9.4	327.8	327.8	2455
2492 >E	Oakdale 345kV Voltage	Ph2 DC 1500	7.1	320	330.0	2794
2495	Marcy 345kV Voltage	N.Scot-Leeds 345	43.0	327.8	327.8	2460
2495	Marcy 345kV Voltage	Marcy South S.	43.0	327.8	327.8	3041
2495	Marcy 345kV Voltage	SBK Edic R70	43.0	327.8	327.8	2399
2495	Marcy 345kV Voltage	SBK Princetown 345	43.0	327.8	327.8	2322
2495	Marcy 345kV Voltage	Princetown-N.Scot 345	43.0	327.8	327.8	2486
2495	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	43.0	327.8	327.8	2464
2495	Marcy 345kV Voltage	Ravenswood 3	43.0	327.8	327.8	2593
2502 >E	Pannell Road 345kV Voltage	Marcy South N.	12.9	327.8	334.4	3233
2513	Clay 345kV Voltage	Volney-Marcy	11.1	327.8	333.7	2419
2523	Fraser 345kV Voltage	Pre-Fault	13.6	NA	338	2523
2533 >E	Station 80 345kV Voltage	Marcy South N.	15.2	327.8	333.5	3253
2534	Gilboa 345kV Voltage	Pre-Fault	29.9	NA	348	2534
2542 >E	Clay 345kV Voltage	SBK Edic R945	7.3	327.8	331.7	1875
2542 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	7.3	327.8	331.7	1875
2549 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	12.9	327.8	337.9	2835
2553 >E	Oakdale 345kV Voltage	SBK Edic R945	7.9	320	326.1	1881
2553 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	7.9	320	326.1	1881

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2557 >E	Clay 345kV Voltage	SBK Edic R70	10.1	327.8	330.4	2458
2558 >E	Gordon Rd 345kV Voltage	Marcy South S.	13.3	327.8	336.9	3096
2564 >E	Oakdale 345kV Voltage	Volney-Marcy	10.3	320	325.2	2463
2565 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	11.8	327.8	329.8	1852
2570 >E	Clay 345kV Voltage	Ravenswood 3	10.6	327.8	329.3	2666
2572 >E	Coopers Corners 345kV Voltage	Pre-Fault	24.7	NA	338	2572
2574 >E	Watercure 230kV Voltage	SBK Marcy R3108	25.6	207	231.9	1859
2576 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	12.4	320	324.3	1857
2580 >E	Fraser 345kV Voltage	Ph2 DC 1500	8.6	327.8	332.8	2858
2585 >E	Clay 345kV Voltage	SBK Princetown 345	11.3	327.8	327.9	2416
2587 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	11.3	327.8	327.8	2556
2587 >E	Clay 345kV Voltage	Princetown-N.Scot 345	11.4	327.8	327.8	2578
2587 >E	Clay 345kV Voltage	N.Scot-Leeds 345	11.4	327.8	327.8	2552
2589 >E	Pleasant Valley 345kV Voltage	Pre-Fault	129.4	NA	348	2589
2590 >E	Pannell Road 345kV Voltage	Volney-Marcy	11.9	327.8	331.8	2484
2592 >E	Somerset 345kV Voltage	SBK Marcy R3108	23.9	327.8	347.9	1868
2593 >E	Clay 345kV Voltage	Marcy South S.	10.3	327.8	327.3	3123
2599 >E	Oakdale 345kV Voltage	Ravenswood 3	11.9	320	322.5	2693
2601 >E	Pannell Road 345kV Voltage	SBK Edic R945	10.5	327.8	331.0	1911
2601 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	10.5	327.8	331.0	1911
2601 >E	Oakdale 345kV Voltage	SBK Edic R70	11.7	320	322.3	2499
2602 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	9.0	327.8	332.6	1911
2602 >E	Fraser 345kV Voltage	SBK Edic R945	9.0	327.8	332.6	1911
2613 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	14.6	327.8	333.8	2583
2615 >E	Pannell Road 345kV Voltage	Ravenswood 3	13.8	327.8	330.1	2709
2617 >E	Pannell Road 345kV Voltage	SBK Edic R70	13.5	327.8	329.9	2513
2618 >E	Station 80 345kV Voltage	Volney-Marcy	13.6	327.8	331.3	2508
2619 >E	Coopers Corners 345kV Voltage	SBK Edic R945	14.4	327.8	336.1	1922
2619 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	14.4	327.8	336.1	1922
2620 >E	Oakdale 345kV Voltage	SBK Princetown 345	12.5	320	320.8	2453
2625 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	12.3	327.8	333.2	2891
2627 >E	Station 80 345kV Voltage	SBK Edic R945	12.0	327.8	330.8	1926
2627 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	12.0	327.8	330.8	1926
2628 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	12.6	320	320.1	2599
2629 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	12.6	320	320.1	2594
2629 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	12.6	320	320.0	2621
2635 >E	Station 80 345kV Voltage	Ravenswood 3	15.3	327.8	330.3	2728
2642 >E	Station 80 345kV Voltage	SBK Edic R70	15.0	327.8	329.8	2536

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2643 >E	Fraser 345kV Voltage	Marcy South N.	12.5	327.8	327.8	3326
2643 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	17.3	327.8	332.1	1890
2645 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	15.7	327.8	328.0	1891
2648 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	13.2	327.8	329.5	1893
2648 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	14.7	327.8	327.8	2640
2648 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	14.7	327.8	327.8	2619
2649 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	14.7	327.8	327.8	2615
2649 >E	Pannell Road 345kV Voltage	SBK Princetown 345	14.6	327.8	327.7	2485
2663 >E	Pannell Road 345kV Voltage	Marcy South S.	13.8	327.8	326.8	3176
2667 >E	New Scotland 345kV Voltage Alps	Marcy South N.	15.9	327.8	340.7	3342
2667 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	15.9	327.8	340.7	3342
2669 >E	Oakdale 345kV Voltage	Marcy South S.	12.4	320	316.9	3181
2670 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	20.4	327.8	334.1	1903
2672 >E	Buchanan South 345kV Voltage	Pre-Fault	155.3	NA	346	2672
2672 >E	Gordon Rd 345kV Voltage	SBK Edic R70	16.3	327.8	330.5	2564
2672 >E	Fraser 345kV Voltage	Volney-Marcy	14.6	327.8	327.8	2553
2672 >E	Fraser 345kV Voltage	SBK Edic R70	14.6	327.8	327.8	2564
2672 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	14.6	327.8	327.8	2664
2672 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	14.6	327.8	327.8	2643
2672 >E	Fraser 345kV Voltage	Ravenswood 3	14.6	327.8	327.8	2763
2672 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	14.6	327.8	327.8	2638
2672 >E	Fraser 345kV Voltage	Marcy South S.	14.6	327.8	327.8	3183
2672 >E	Fraser 345kV Voltage	SBK Princetown 345	14.6	327.8	327.8	2509
2673 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	15.8	327.8	330.4	2639
2675 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	16.3	327.8	327.8	2666
2675 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	16.3	327.8	327.8	2646
2676 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	16.3	327.8	327.7	2642
2677 >E	Station 80 345kV Voltage	SBK Princetown 345	16.2	327.8	327.7	2515
2679 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	17.7	327.8	327.5	1908
2681 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	16.5	327.8	330.0	2672
2684 >E	Gordon Rd 345kV Voltage	Ravenswood 3	16.5	327.8	329.8	2774
2692 >E	Gordon Rd 345kV Voltage	Volney-Marcy	15.7	327.8	329.3	2569
2694 >E	Station 80 345kV Voltage	Marcy South S.	15.4	327.8	326.6	3200
2711 >E	Ramapo 500kV Voltage	Ravenswood 3	54.9	500	505.4	2800
2740 >E	New Scotland 345kV Voltage Alps	Marcy South S.	18.5	327.8	337.7	3234
2740 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	18.5	327.8	337.7	3234
2740 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	17.2	327.8	337.9	2975
2740 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	17.2	327.8	337.9	2975

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1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2745 >E	Coopers Corners 345kV Voltage	Ravenswood 3	23.2	327.8	331.0	2832
2748 >E	Ramapo 500kV Voltage	Ph2 DC 1500	81.2	500	507.8	2981
2749 >E	Somerset 345kV Voltage	Ph2 DC 1500	21.7	327.8	339.3	2982
2780 >E	Somerset 345kV Voltage	Pre-Fault	27.8	NA	338	2780
2791 >E	Gilboa 345kV Voltage	Marcy South S.	17.6	327.8	339.1	3273
2799 >E	Niagara 230kV East Voltage	Pre-Fault	85.8	NA	225	2799
2799 >E	Niagara 230kV West Voltage	Pre-Fault	85.8	NA	225	2799
2799 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	24.6	327.8	328.8	2646
2812 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	24.5	327.8	328.3	2779
2814 >E	Coopers Corners 345kV Voltage	Volney-Marcy	23.3	327.8	328.2	2671
2819 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	24.6	327.8	328.0	2791
2822 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	24.7	327.8	327.9	2814
2831 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	46.8	500	503.7	2051
2832 >E	Ramapo 500kV Voltage	SBK Edic R945	46.8	500	503.7	2052
2837 >E	Gilboa 345kV Voltage	SBK Marcy R3108	25.7	327.8	347.6	1992
2839 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	25.5	327.8	335.5	1993
2845 >E	Gilboa 345kV Voltage	Ph2 DC 1500	18.5	327.8	335.7	3052
2852 >E	Ramapo 345kV Voltage	Pre-Fault	118.0	NA	346	2852
2869 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	21.1	327.8	332.5	2836
2869 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	21.1	327.8	332.5	2836
2900 >E	Coopers Corners 345kV Voltage	SBK Edic R70	26.1	327.8	324.7	2774
2911 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	59.2	500	502.5	2023
2918 >E	Gilboa 345kV Voltage	SBK Edic R945	20.5	327.8	334.7	2104
2918 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	20.5	327.8	334.7	2104
2927 >E	Somerset 345kV Voltage	SBK Edic R945	20.9	327.8	332.7	2110
2927 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	20.9	327.8	332.7	2110
2929 >E	Gilboa 345kV Voltage	Marcy South N.	22.0	327.8	332.5	3515
2930 >E	Gordon Rd 345kV Voltage	SBK Edic R945	21.8	327.8	315.8	2112
2930 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	21.8	327.8	315.8	2112
2930 >E	Somerset 345kV Voltage	Marcy South N.	27.5	327.8	334.2	3516
2937 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	23.7	327.8	329.8	3015
2937 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	23.7	327.8	329.8	3015
2938 >E	Ramapo 500kV Voltage	SBK Marcy R3108	95.5	500	505.5	2043
2943 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	22.7	327.8	329.5	2778
2943 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	22.7	327.8	329.5	2778
2953 >E	Somerset 345kV Voltage	Volney-Marcy	23.4	327.8	331.8	2787
2956 >E	Leeds 345kV Voltage	Pre-Fault	57.1	NA	345	2956
2957 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	22.6	327.8	328.9	2128
2957 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	22.6	327.8	328.9	2128
2957 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	22.6	327.8	328.9	2128

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1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2957 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	22.6	327.8	328.9	2128
2965 >E	Niagara 230kV East Voltage	SBK Marcy R3108	72.7	218.5	229.6	2057
2965 >E	Niagara 230kV West Voltage	SBK Marcy R3108	72.7	218.5	229.6	2057
2977 >E	Watercure 230kV Voltage	SBK Edic R945	19.2	207	216.7	2141
2977 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	19.2	207	216.7	2141
2978 >E	Somerset 345kV Voltage	Ravenswood 3	25.9	327.8	330.9	3054
2979 >E	Coopers Corners 345kV Voltage	Marcy South N.	21.7	327.8	311.7	3548
2982 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	24.6	327.8	327.9	2849
2982 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	24.6	327.8	327.9	2849
2989 >E	New Scotland 345kV Voltage Alps	Princeton-N.Scot 345	25.1	327.8	327.7	2981
2989 >E	New Scotland 345kV Voltage Gilb	Princeton-N.Scot 345	25.1	327.8	327.7	2981
2990 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	26.1	327.8	332.0	3158
2995 >E	Somerset 345kV Voltage	SBK Edic R70	25.7	327.8	330.3	2861
3009 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	25.8	327.8	326.9	2983
3009 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	25.8	327.8	326.9	2983
3012 >E	Ramapo 500kV Voltage	Volney-Marcy	62.8	500	501.1	2836
3016 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	30.8	327.8	341.7	2082
3016 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	30.8	327.8	341.7	2082
3025 >E	Niagara 230kV East Voltage	Ph2 DC 1500	79.2	218.5	224.6	3184
3025 >E	Niagara 230kV West Voltage	Ph2 DC 1500	79.2	218.5	224.6	3184
3028 >E	Watercure 230kV Voltage	Pre-Fault	29.3	NA	215	3028
3039 >E	Ladentown 345kV Voltage	Pre-Fault	123.4	NA	346	3039
3054 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	27.4	327.8	330.0	2093
3061 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	67.7	500	500.4	3029
3064 >E	Somerset 345kV Voltage	Princeton-N.Scot 345	27.8	327.8	327.8	3056
3064 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	27.8	327.8	327.8	3040
3065 >E	Ramapo 500kV Voltage	SBK Edic R70	67.3	500	500.3	2925
3065 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	27.8	327.8	327.7	3033
3067 >E	Somerset 345kV Voltage	SBK Princeton 345	27.8	327.8	327.6	2936
3069 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	27.5	327.8	329.5	3037
3074 >E	Watercure 230kV Voltage	Ph2 DC 1500	31.4	207	227.8	3220
3075 >E	Ramapo 500kV Voltage	Marcy South S.	68.3	500	500.2	3489
3076 >E	Ramapo 500kV Voltage	SBK Princeton 345	69.9	500	500.1	2945
3077 >E	Somerset 345kV Voltage	Marcy South S.	26.6	327.8	327.3	3491
3079 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	68.9	500	500.1	3054
3082 >E	Watercure 230kV Voltage	Volney-Marcy	23.8	207	213.2	2894
3082 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	69.1	500	500.1	3075

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1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3084 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	28.9	327.8	323.9	2108
3084 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	28.9	327.8	323.9	2108
3086 >E	Ramapo 500kV Voltage	Pre-Fault	69.4	NA	500	3086
3091 >E	Gilboa 345kV Voltage	Ravenswood 3	28.3	327.8	328.7	3162
3098 >E	Gilboa 345kV Voltage	Volney-Marcy	28.1	327.8	328.5	2908
3104 >E	Gilboa 345kV Voltage	SBK Edic R70	28.5	327.8	328.3	2961
3118 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	28.9	327.8	327.8	3110
3121 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	30.9	327.8	325.7	2126
3123 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	29.2	327.8	327.6	3099
3154 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	65.1	218.5	220.9	2249
3154 >E	Niagara 230kV East Voltage	SBK Edic R945	65.1	218.5	220.9	2249
3154 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	65.1	218.5	220.9	2249
3154 >E	Niagara 230kV West Voltage	SBK Edic R945	65.1	218.5	220.9	2249
3168 >E	Gilboa 345kV Voltage	SBK Princetown 345	30.5	327.8	326.0	3045
3170 >E	Watercure 230kV Voltage	Ravenswood 3	27.3	207	210.1	3237
3187 >E	Watercure 230kV Voltage	SBK Edic R70	27.2	207	209.5	3038
3189 >E	Watercure 230kV Voltage	Marcy South N.	41.0	207	227.1	3688
3195 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	30.7	327.8	319.4	3074
3195 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	30.7	327.8	319.4	3074
3206 >E	Niagara 230kV East Voltage	Volney-Marcy	72.7	218.5	220.2	2998
3206 >E	Niagara 230kV West Voltage	Volney-Marcy	72.7	218.5	220.2	2998
3228 >E	Niagara 230kV East Voltage	Ravenswood 3	79.3	218.5	220.0	3292
3228 >E	Niagara 230kV West Voltage	Ravenswood 3	79.3	218.5	220.0	3292
3241 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	30.3	207	207.7	2185
3249 >E	Watercure 230kV Voltage	SBK Princetown 345	29.0	207	207.4	3132
3258 >E	Niagara 230kV East Voltage	SBK Edic R70	79.5	218.5	219.6	3103
3258 >E	Niagara 230kV West Voltage	SBK Edic R70	79.5	218.5	219.6	3103
3260 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	29.2	207	207.1	3237
3261 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	29.3	207	207.0	3254
3262 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	29.3	207	207.0	3231
3278 >E	Niagara 345kV Voltage	SBK Marcy R3108	42.0	327.8	352.6	2215
3290 >E	Rock Tavern 345kV Voltage	SBK Edic R945	44.0	327.8	337.2	2332
3290 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	44.0	327.8	337.2	2332
3296 >E	Roseton 345kV Voltage	Pre-Fault	128.3	NA	345	3296
3315 >E	Leeds 345kV Voltage	Marcy South N.	34.3	327.8	336.1	3771
3343 >E	Watercure 230kV Voltage	Marcy South S.	29.5	207	204.2	3692
3356 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	85.8	218.5	218.5	3350
3356 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	85.8	218.5	218.5	3350
3357 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr	85.8	218.5	218.5	3336

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3357 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	85.8	218.5	218.5	3336
3357 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	85.8	218.5	218.5	3327
3357 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	85.8	218.5	218.5	3327
3360 >E	Niagara 230kV East Voltage	SBK Princetown 345	85.6	218.5	218.5	3252
3360 >E	Niagara 230kV West Voltage	SBK Princetown 345	85.6	218.5	218.5	3252
3361 >E	Bowline 1 345kV Voltage	Pre-Fault	123.4	NA	345	3361
3363 >E	Niagara 230kV East Voltage	Marcy South S.	82.1	218.5	218.4	3707
3363 >E	Niagara 230kV West Voltage	Marcy South S.	82.1	218.5	218.4	3707
3377 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	54.2	327.8	333.2	3442
3383 >E	Gardenville 230kV Voltage	SBK Marcy R3108	55.6	207	228.2	2269
3398 >E	Niagara 345kV Voltage	Pre-Fault	47.4	NA	338	3398
3398 >E	Rock Tavern 345kV Voltage	Marcy South N.	38.6	327.8	319.2	3826
3418 >E	Bowline 2 345kV Voltage	Pre-Fault	123.4	NA	345	3418
3426 >E	Niagara 345kV Voltage	Ph2 DC 1500	39.8	327.8	342.9	3478
3448 >E	Leeds 345kV Voltage	Marcy South S.	41.8	327.8	336.4	3772
3448 >E	Niagara 230kV East Voltage	Marcy South N.	113.4	218.5	222.0	3860
3448 >E	Niagara 230kV West Voltage	Marcy South N.	113.4	218.5	222.0	3860
3472 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	98.0	218.5	217.2	2298
3472 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	98.0	218.5	217.2	2298
3473 >E	Ramapo 345kV Voltage	Ph2 DC 1500	47.7	327.8	334.2	3512
3547 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	49.8	327.8	332.8	3567
3548 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	58.0	327.8	333.9	2336
3557 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	36.0	327.8	334.6	2495
3558 >E	Niagara 345kV Voltage	SBK Edic R945	36.1	327.8	334.6	2495
3569 >E	Pleasant Valley 345kV Voltage	Marcy South N.	53.7	327.8	332.5	3939
3571 >E	Rock Tavern 345kV Voltage	Ravenswood 3	65.7	327.8	333.6	3618
3574 >E	St.Lawrence 230kV Voltage	Pre-Fault	175.1	NA	225	3574
3592 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	57.0	327.8	333.3	3599
3592 >E	Ladentown 345kV Voltage	Ph2 DC 1500	50.0	327.8	334.6	3600
3613 >E	Millwood 345kV Voltage	Ph2 DC 1500	62.0	327.8	332.5	3615
3620 >E	Marcy 345kV Voltage	SBK Marcy R3108	25.2	327.8	284.4	2389
3636 >E	Roseton 345kV Voltage	Ph2 DC 1500	48.7	327.8	332.5	3632
3641 >E	Buchanan North 345kV Voltage	Ravenswood 3	100.0	327.8	336.0	3685
3653 >E	Niagara 345kV Voltage	Volney-Marcy	40.2	327.8	332.6	3371
3673 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	74.6	327.8	331.7	3659
3675 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	50.1	327.8	335.0	3661
3680 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	75.2	327.8	331.6	3664
3696 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	50.0	327.8	335.1	3676
3715 >E	Leeds 345kV Voltage	Ph2 DC 1500	48.1	327.8	327.8	3690

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3718 >E	Niagara 345kV Voltage	Ravenswood 3	43.9	327.8	331.2	3759
3736 >E	Gardenville 230kV Voltage	Pre-Fault	80.1	NA	217	3736
3746 >E	Niagara 345kV Voltage	SBK Edic R70	43.9	327.8	330.6	3553
3780 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	78.0	327.8	334.9	2631
3780 >E	Buchanan North 345kV Voltage	SBK Edic R945	78.0	327.8	334.9	2631
3872 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	67.3	327.8	337.4	2687
3873 >E	Niagara 345kV Voltage	Marcy South S.	45.5	327.8	328.0	4095
3875 >E	Ramapo 345kV Voltage	SBK Edic R945	67.5	327.8	337.3	2689
3881 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	47.4	327.8	327.8	3875
3882 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	47.4	327.8	327.8	3867
3882 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	47.4	327.8	327.8	3855
3884 >E	Niagara 345kV Voltage	SBK Princetown 345	47.3	327.8	327.7	3818
3917 >E	Niagara 345kV Voltage	Marcy South N.	53.5	327.8	336.0	4170
3935 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	56.9	327.8	327.8	2526
3935 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	56.9	327.8	327.8	3920
3937 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	57.1	327.8	327.8	2727
3937 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	57.1	327.8	327.8	3911
3937 >E	Leeds 345kV Voltage	SBK Edic R945	57.1	327.8	327.8	2727
3937 >E	Leeds 345kV Voltage	Volney-Marcy	57.1	327.8	327.8	3608
3937 >E	Leeds 345kV Voltage	SBK Edic R70	57.1	327.8	327.8	3728
3937 >E	Leeds 345kV Voltage	SBK Princetown 345	57.1	327.8	327.8	3876
3937 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	57.1	327.8	327.8	3932
3937 >E	Leeds 345kV Voltage	Ravenswood 3	57.1	327.8	327.8	3967
3949 >E	Gardenville 230kV Voltage	SBK Edic R945	57.7	207	214.3	2734
3951 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	57.7	207	214.3	2735
3959 >E	Roseton 345kV Voltage	Marcy South N.	60.4	327.8	327.1	4198
3960 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	75.4	327.8	328.6	3933
3975 >E	Rock Tavern 345kV Voltage	Volney-Marcy	74.3	327.8	328.4	3640
4002 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	77.6	327.8	328.0	3946
4004 >E	Ramapo 345kV Voltage	Ravenswood 3	89.7	327.8	336.2	4031
4009 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	77.4	327.8	327.9	3995
4015 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	77.6	327.8	327.9	4010
4059 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	53.5	327.8	324.0	2588
4073 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	143.1	218.5	230.4	2618
4074 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	71.8	327.8	337.6	2810
4074 >E	Ladentown 345kV Voltage	SBK Edic R945	71.8	327.8	337.6	2810
4089 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	96.4	327.8	332.6	2602
4091 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	122.9	218.5	222.0	2821

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4094 >E	St.Lawrence 230kV Voltage	SBK Edic R945	123.2	218.5	222.0	2823
4114 >E	St.Lawrence 230kV Voltage	Volney-Marcy	132.9	218.5	221.9	3755
4114 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	145.6	218.5	225.7	3982
4127 >E	Buchanan South 345kV Voltage	Ravenswood 3	119.4	327.8	336.6	4148
4140 >E	Sprain Brook 345kV Voltage	Ravenswood 3	186.7	327.8	336.5	4160
4157 >E	Gardenville 230kV Voltage	Volney-Marcy	66.3	207	211.7	3791
4162 >E	Ladentown 345kV Voltage	Ravenswood 3	93.9	327.8	336.9	4180
4164 >E	Buchanan North 345kV Voltage	Marcy South N.	88.4	327.8	322.5	4334
4165 >E	Millwood 345kV Voltage	Marcy South N.	89.6	327.8	325.8	4334
4178 >E	Rock Tavern 345kV Voltage	SBK Edic R70	81.9	327.8	325.8	3950
4180 >E	Dunwoodie 345kV Voltage	Ravenswood 3	192.8	327.8	336.5	4198
4180 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	71.4	327.8	338.4	2875
4180 >E	Bowline 1 345kV Voltage	SBK Edic R945	71.4	327.8	338.4	2875
4211 >E	Millwood 345kV Voltage	Ravenswood 3	146.0	327.8	336.3	4228
4214 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	71.4	327.8	338.6	2896
4214 >E	Bowline 2 345kV Voltage	SBK Edic R945	71.4	327.8	338.6	2896
4237 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	85.0	327.8	334.3	2675
4255 >E	Dunwoodie 345kV Voltage	Marcy South N.	108.9	327.8	325.9	4394
4266 >E	Sprain Brook 345kV Voltage	Marcy South N.	108.9	327.8	325.8	4401
4305 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	94.2	327.8	335.5	2951
4311 >E	Gardenville 230kV Voltage	Ravenswood 3	73.2	207	209.8	4322
4311 >E	Buchanan South 345kV Voltage	SBK Edic R945	94.5	327.8	335.4	2955
4312 >E	Buchanan South 345kV Voltage	Marcy South N.	87.9	327.8	323.9	4432
4312 >E	Bowline 1 345kV Voltage	Ravenswood 3	93.9	327.8	337.3	4324
4331 >E	Gardenville 230kV Voltage	SBK Edic R70	73.6	207	209.6	4091
4350 >E	Bowline 2 345kV Voltage	Ravenswood 3	93.6	327.8	337.5	4359
4375 >E	Ramapo 500kV Voltage	Marcy South N.	228.6	500	503.4	4474
4391 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	83.3	327.8	332.9	2779
4421 >E	Ramapo 345kV Voltage	Marcy South N.	81.4	327.8	319.3	4504
4446 >E	Gardenville 230kV Voltage	Marcy South S.	75.8	207	208.1	4530
4452 >E	St.Lawrence 230kV Voltage	Ravenswood 3	159.0	218.5	220.0	4456
4479 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	89.9	327.8	334.3	2794
4525 >E	Gardenville 230kV Voltage	SBK Princetown 345	79.7	207	207.1	4510
4525 >E	Roseton 345kV Voltage	SBK Edic R945	87.0	327.8	335.4	3086
4525 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	87.0	327.8	335.4	3086
4536 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	80.1	207	207.0	4528
4536 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	80.1	207	207.0	4533
4539 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	80.2	207	207.0	4515
4561 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	115.7	327.8	334.5	3108
4561 >E	Millwood 345kV Voltage	SBK Edic R945	115.7	327.8	334.5	3108

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4577 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	123.4	327.8	328.8	4554
4604 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	89.1	327.8	334.9	2856
4611 >E	Buchanan North 345kV Voltage	Volney-Marcy	122.9	327.8	328.6	4170
4622 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	118.9	327.8	332.3	4618
4630 >E	Ladentown 345kV Voltage	Marcy South N.	86.3	327.8	319.1	4643
4639 >E	St.Lawrence 230kV Voltage	Marcy South S.	163.0	218.5	218.9	4676
4645 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	89.1	327.8	335.1	2876
4695 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	113.9	327.8	333.0	2901
4703 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	130.0	327.8	327.9	4700
4704 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	130.0	327.8	327.9	4698
4714 >E	Buchanan North 345kV Voltage	SBK Princetown 345	130.0	327.8	327.8	4714
4726 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	176.1	218.5	218.4	4723
4728 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	176.1	218.5	218.4	4723
4729 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	176.1	218.5	218.4	4707
4731 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	175.1	218.5	218.4	4733
4764 >E	St.Lawrence 230kV Voltage	Marcy South N.	180.5	218.5	223.5	4732
4795 >E	Sprain Brook 345kV Voltage	SBK Edic R945	148.2	327.8	333.9	3251
4795 >E	Bowline 1 345kV Voltage	Marcy South N.	87.3	327.8	318.4	4752
4806 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	149.0	327.8	333.8	3258
4812 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	92.5	207	203.6	2958
4819 >E	Buchanan North 345kV Voltage	SBK Edic R70	132.9	327.8	327.0	4540
4843 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	108.5	327.8	330.6	3280
4843 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	108.5	327.8	330.6	3280
4843 >E	Pleasant Valley 345kV Voltage	Marcy South S.	127.7	327.8	330.6	4831
4848 >E	Roseton 345kV Voltage	Ravenswood 3	113.5	327.8	332.9	4834
4855 >E	Ramapo 345kV Voltage	Volney-Marcy	110.1	327.8	329.0	4373
4860 >E	Gardenville 230kV Voltage	Ph2 DC 1500	107.0	207	229.1	4529
4861 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	112.2	327.8	329.0	4839
4872 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	153.6	327.8	333.8	3298
4872 >E	Dunwoodie 345kV Voltage	SBK Edic R945	153.6	327.8	333.8	3298
4887 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	115.7	327.8	330.2	4866
4921 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	187.9	218.5	217.3	3012
4929 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	103.9	327.8	332.3	3016
4953 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	136.6	327.8	332.4	3028
4961 >E	Bowline 2 345kV Voltage	Marcy South N.	91.9	327.8	316.3	4862
4984 >E	St.Lawrence 230kV Voltage	SBK Edic R70	199.3	218.5	216.9	4691
4988 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	117.5	327.8	327.9	4986
4989 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	117.5	327.8	327.9	4986

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4989 >E	Ramapo 345kV Voltage	SBK Princetown 345	117.5	327.8	327.9	5011
5099 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	119.4	327.8	328.6	3100
5107 >E	Ramapo 345kV Voltage	SBK Edic R70	119.9	327.8	326.9	4805
5126 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	117.1	327.8	329.1	5106
5148 >E	Ladentown 345kV Voltage	Volney-Marcy	116.1	327.8	328.9	4617
5172 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	126.1	327.8	328.0	4637
5181 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	128.3	327.8	328.0	5179
5210 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	173.5	327.8	332.2	3154
5223 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	130.0	327.8	327.6	5224
5258 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	143.9	327.8	329.3	5239
5274 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	122.9	327.8	327.9	5275
5285 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	178.8	327.8	332.2	3191
5285 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	123.4	327.8	327.8	5284
5293 >E	Ladentown 345kV Voltage	SBK Princetown 345	123.4	327.8	327.7	5339
5303 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	116.6	327.8	329.3	5284
5307 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	120.4	327.8	329.3	5288
5313 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	132.3	327.8	326.9	4994
5334 >E	Bowline 1 345kV Voltage	Volney-Marcy	116.1	327.8	329.0	4773
5368 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	117.1	327.8	329.2	5350
5377 >E	Bowline 2 345kV Voltage	Volney-Marcy	115.7	327.8	329.1	4808
5388 >E	Buchanan South 345kV Voltage	Volney-Marcy	147.5	327.8	328.5	4818
5401 >E	Ladentown 345kV Voltage	SBK Edic R70	125.5	327.8	326.9	5075
5404 >E	Leeds 345kV Voltage	SBK Marcy R3108	105.0	327.8	327.8	3293
5420 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	135.9	327.8	326.1	5477
5458 >E	Roseton 345kV Voltage	Volney-Marcy	125.0	327.8	328.1	4876
5471 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	122.9	327.8	327.9	5474
5478 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	169.5	327.8	329.5	5460
5483 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	123.4	327.8	327.8	5482
5490 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	127.7	327.8	327.9	5489
5491 >E	Bowline 1 345kV Voltage	SBK Princetown 345	123.4	327.8	327.7	5553
5492 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	127.7	327.8	327.9	5495
5498 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	155.3	327.8	327.8	5497
5501 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	155.3	327.8	327.8	5504
5516 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	122.4	327.8	328.0	5520
5516 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	122.4	327.8	328.0	5515

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\MSU1_OS\Sum2023_CEVC_Ph2_30_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5536 >E	Bowline 2 345kV Voltage	SBK Princetown 345	122.9	327.8	327.8	5602
5541 >E	Roseton 345kV Voltage	SBK Princetown 345	128.8	327.8	327.5	5608
5547 >E	Buchanan South 345kV Voltage	SBK Princetown 345	156.1	327.8	327.5	5614
5602 >E	Bowline 1 345kV Voltage	SBK Edic R70	125.5	327.8	326.8	5261
5648 >E	Bowline 2 345kV Voltage	SBK Edic R70	125.0	327.8	326.9	5302
5658 >E	Buchanan South 345kV Voltage	SBK Edic R70	159.5	327.8	326.8	5312
5673 >E	Roseton 345kV Voltage	SBK Edic R70	132.9	327.8	326.5	5326
5739 >E	Millwood 345kV Voltage	Volney-Marcy	179.9	327.8	328.2	5110
5785 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	185.5	327.8	327.9	5785
5811 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	186.7	327.8	327.8	5818
5853 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	220.1	327.8	329.6	5837
5860 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	171.8	327.8	330.2	3524
5904 >E	Millwood 345kV Voltage	SBK Princetown 345	189.1	327.8	327.3	5999
5942 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	226.9	327.8	329.6	5927
6028 >E	Millwood 345kV Voltage	SBK Edic R70	194.1	327.8	326.6	5653
6140 >E	Ramapo 345kV Voltage	SBK Marcy R3108	153.7	327.8	332.2	3666
6246 >E	Sprain Brook 345kV Voltage	Volney-Marcy	239.8	327.8	328.0	5533
6270 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	245.8	327.8	327.9	6271
6308 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	247.9	327.8	327.8	6321
6368 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	247.9	327.8	327.5	6500
6384 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	254.3	327.8	327.9	6385
6389 >E	Dunwoodie 345kV Voltage	Volney-Marcy	250.0	327.8	327.9	5653
6390 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	254.3	327.8	327.9	6404
6435 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	163.5	327.8	328.2	3815
6487 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	256.5	327.8	327.5	6629
6505 >E	Roseton 345kV Voltage	SBK Marcy R3108	153.3	327.8	330.2	3851
6546 >E	Sprain Brook 345kV Voltage	SBK Edic R70	256.5	327.8	326.8	6129
6674 >E	Dunwoodie 345kV Voltage	SBK Edic R70	265.8	327.8	326.8	6247
7098 >E	Ladentown 345kV Voltage	SBK Marcy R3108	182.3	327.8	331.6	4151
7142 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	207.6	327.8	328.6	4173
7209 >E	Buchanan North 345kV Voltage	Marcy South S.	239.8	327.8	308.7	6627
7329 >E	Millwood 345kV Voltage	SBK Marcy R3108	230.1	327.8	326.8	4268
7738 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	282.1	327.8	325.5	4476
7758 >E	Gardenville 230kV Voltage	Marcy South N.	231.8	207	226.1	6716
7759 >E	Roseton 345kV Voltage	Marcy South S.	218.5	327.8	310.2	7044
7832 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	287.8	327.8	325.2	4523
7910 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	201.5	327.8	331.7	4563
7970 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	200.5	327.8	331.8	4593

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
8294 >E	Ramapo 345kV Voltage	Marcy South S.	234.1	327.8	299.9	7450
8452 >E	Rainey 345kV Voltage	Ph2 DC 1500	226.7	327.8	335.6	7162
8501 >E	Farragut 345kV Voltage	Ph2 DC 1500	233.4	327.8	335.6	7198
8729 >E	Buchanan South 345kV Voltage	Marcy South S.	301.0	327.8	307.0	7781
8911 >E	Millwood 345kV Voltage	Marcy South S.	351.2	327.8	311.2	7919
8991 >E	Ladentown 345kV Voltage	Marcy South S.	254.3	327.8	297.8	7980
9349 >E	Bowline 1 345kV Voltage	Marcy South S.	252.1	327.8	296.5	8251
10106 >E	Bowline 2 345kV Voltage	Marcy South S.	275.7	327.8	290.8	8826
10202 >E	Goethals 345kV Voltage	Ph2 DC 1500	302.5	327.8	336.5	8444
10906 >E	Sprain Brook 345kV Voltage	Marcy South S.	526.8	327.8	309.2	9433
10996 >E	Rainey 345kV Voltage	Ravenswood 3	427.5	327.8	342.8	10685
11170 >E	Farragut 345kV Voltage	Ravenswood 3	433.8	327.8	342.0	10850
11317 >E	Dunwoodie 345kV Voltage	Marcy South S.	556.6	327.8	308.7	9745
11720 >E	Rainey 345kV Voltage	Marcy South N.	348.1	327.8	325.4	9341
11849 >E	Farragut 345kV Voltage	Marcy South N.	360.3	327.8	325.5	9427
12432 >E	Rock Tavern 345kV Voltage	Marcy South S.	373.4	327.8	219.7	10591
13728 >E	Goethals 345kV Voltage	Ravenswood 3	526.8	327.8	343.0	13285
14007 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	447.0	327.8	338.3	8877
14067 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	440.3	327.8	338.7	8913
14067 >E	Rainey 345kV Voltage	SBK Edic R945	440.3	327.8	338.7	8913
14183 >E	Farragut 345kV Voltage	SBK Edic R945	453.8	327.8	338.1	8984
14222 >E	Farragut 345kV Voltage	Pre-Fault	756.4	NA	338	14222
14617 >E	Rainey 345kV Voltage	Pre-Fault	756.4	NA	338	14617
15163 >E	Goethals 345kV Voltage	Marcy South N.	493.3	327.8	325.7	11623

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\MSU1_OS\Sum2023_CEVC_Ph2_30_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
16083 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	526.8	327.8	335.5	8508
16118 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	517.5	327.8	336.0	8525
17170 >E	Coopers Corners 345kV Voltage	Marcy South S.	427.5	327.8	-253.3	14187
17266 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	578.4	327.8	339.8	10867
17560 >E	Goethals 345kV Voltage	SBK Edic R945	590.0	327.8	339.5	11047
19203 >E	Goethals 345kV Voltage	Pre-Fault	1092.6	NA	338	19203
20033 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	686.0	327.8	337.2	10452
20058 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	670.4	327.8	330.8	20126
20527 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	702.4	327.8	329.7	20597
21055 >E	Farragut 345kV Voltage	Volney-Marcy	719.5	327.8	329.0	17884
21433 >E	Rainey 345kV Voltage	Volney-Marcy	719.5	327.8	329.0	18199
22333 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	756.4	327.8	327.8	22377
22340 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	756.4	327.8	327.8	22539
22449 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	776.3	327.8	327.1	22493
22456 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	776.3	327.8	327.1	22656
22515 >E	Farragut 345kV Voltage	SBK Princetown 345	776.3	327.8	327.0	23937
22557 >E	Farragut 345kV Voltage	SBK Edic R70	776.3	327.8	327.0	20865
22923 >E	Rainey 345kV Voltage	SBK Princetown 345	776.3	327.8	327.0	24377
22966 >E	Rainey 345kV Voltage	SBK Edic R70	776.3	327.8	327.0	21242
25149 >E	Northport 138kV Voltage	Ph2 DC 1500	1789.1	131.1	134.6	19400
25525	Rainey 345kV Voltage	SBK Marcy R3108	848.3	327.8	327.0	13490

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\30\MSU1_OS\Sum2023_CEVC_PH2_30_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
25638	Farragut 345kV Voltage	SBK Marcy R3108	870.6	327.8	327.2	13547
>E						
26823	Goethals 345kV Voltage	Volney-Marcy	951.6	327.8	331.0	22694
>E						
27540	Goethals 345kV Voltage	N.Scot-Leeds 345	983.3	327.8	330.4	27652
>E						
29355	Goethals 345kV Voltage	Princetown-N.Scot 345	1053.5	327.8	328.7	29418
>E						
29362	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	1053.5	327.8	328.7	29642
>E						
29423	Goethals 345kV Voltage	SBK Princetown 345	1053.5	327.8	328.6	31396
>E						
29465	Goethals 345kV Voltage	SBK Edic R70	1053.5	327.8	328.6	27224
>E						
33413	Goethals 345kV Voltage	SBK Marcy R3108	1183.3	327.8	328.1	17488
>E						
37149	Northport 138kV Voltage	Marcy South N.	2731.2	131.1	129.8	26192
>E						
39621	Rainey 345kV Voltage	Marcy South S.	1404.7	327.8	304.9	31228
>E						
40694	Farragut 345kV Voltage	Marcy South S.	1475.0	327.8	303.0	32043
>E						
49771	Goethals 345kV Voltage	Marcy South S.	1843.7	327.8	310.0	38932
>E						
77243	Northport 138kV Voltage	Edic-Gordon Rd. 345	5899.9	131.1	138.7	47498
>E						
77243	Northport 138kV Voltage	SBK Edic R945	5899.9	131.1	138.7	47496
>E						
85585	Northport 138kV Voltage	Marcy-N.Scot99 345	6555.4	131.1	138.1	42726
>E						
99998	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
>E						
99999	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99999
>E						
99999	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99999
>E						
99999	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

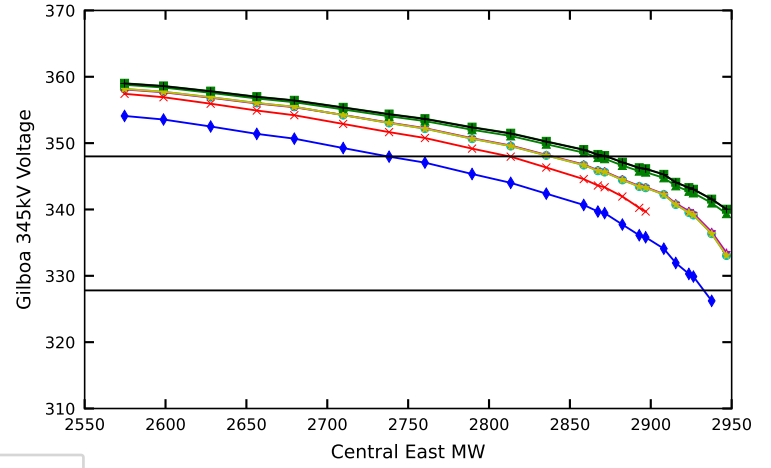
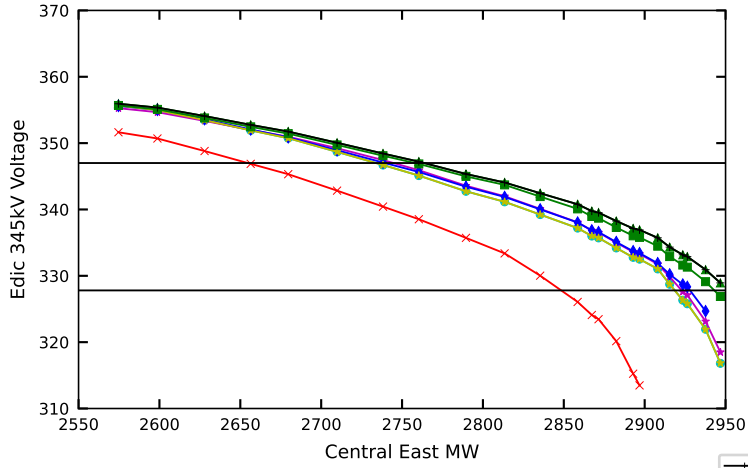
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1: 2023S CEVC PH2 CE2030 MS910 DE1780 30 MSU1_OS

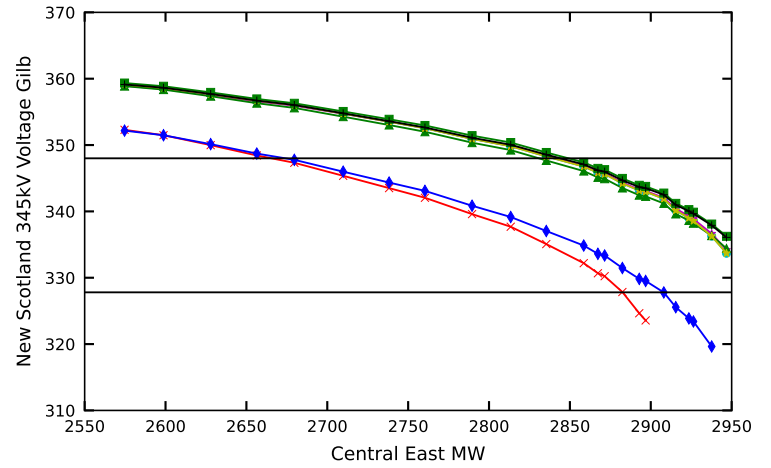
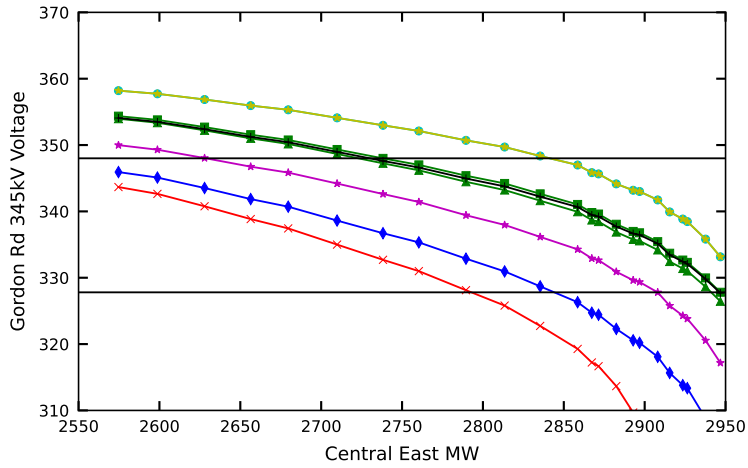
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99999 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99999
99999 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99999
99999 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99999
99999 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99999
99999 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

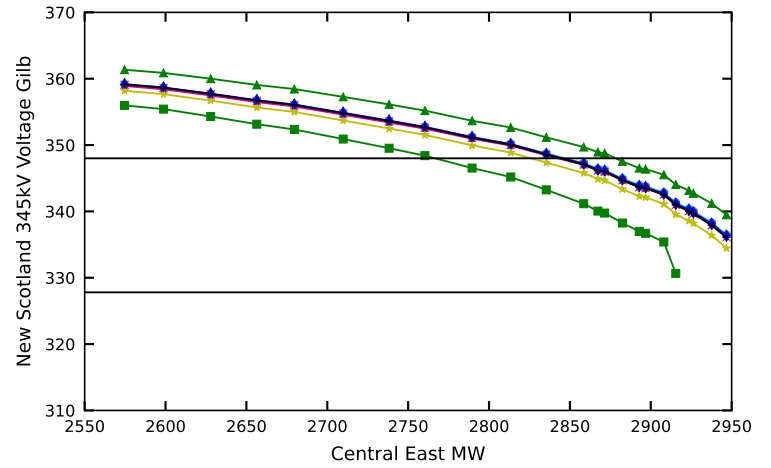
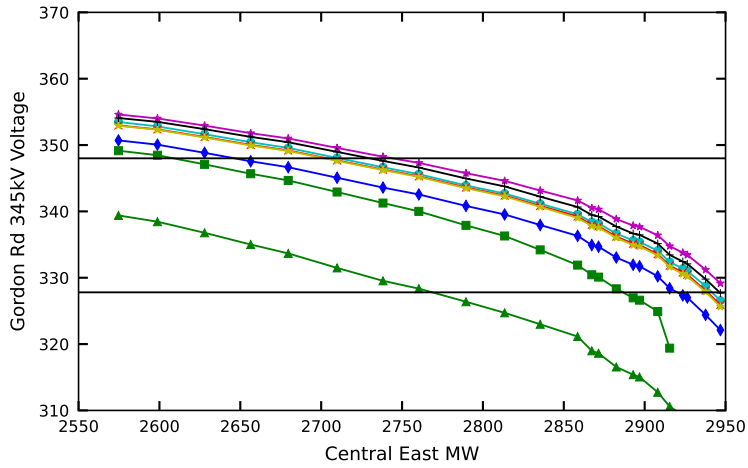
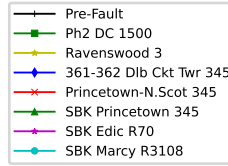
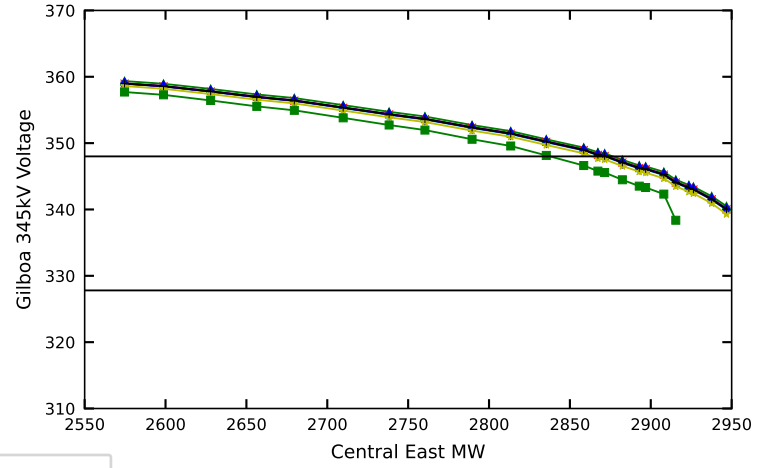
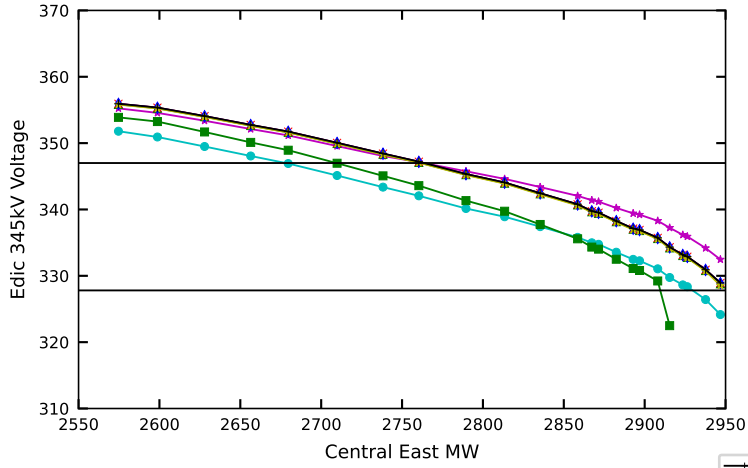
1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A Figure 1



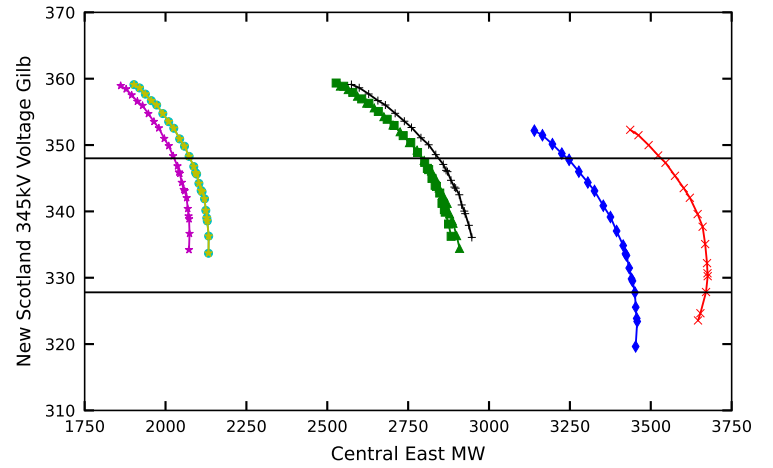
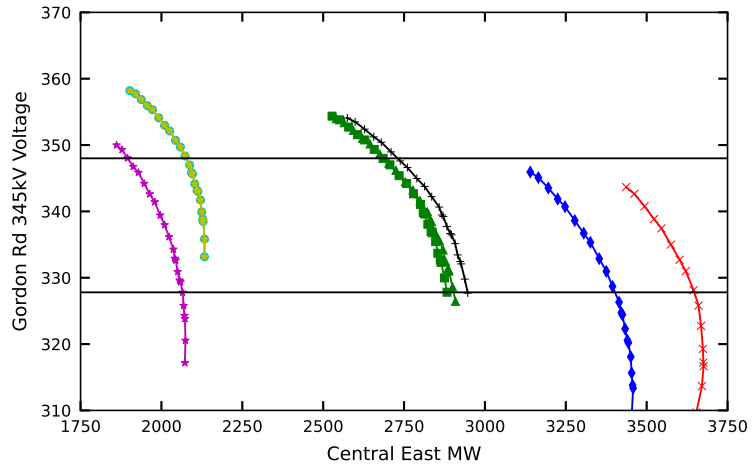
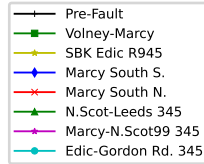
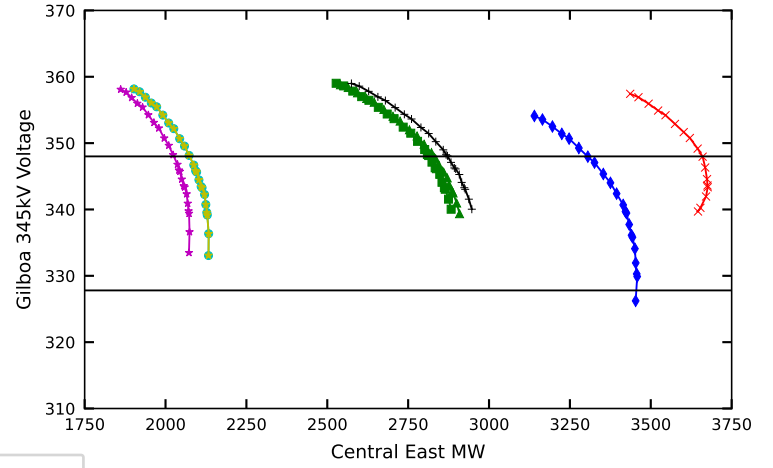
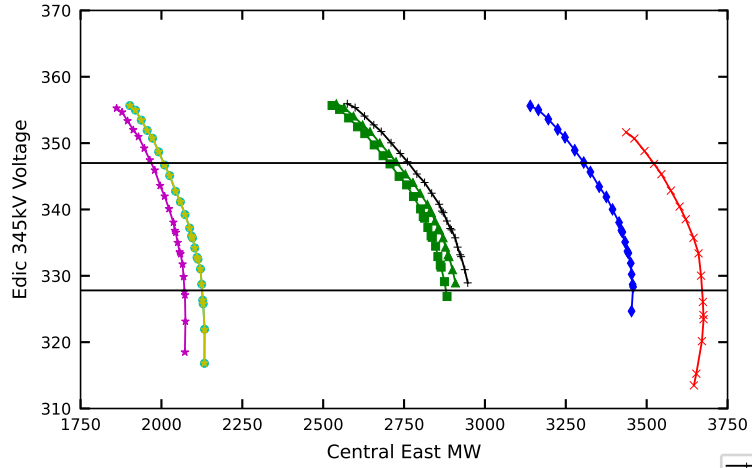
- +— Pre-Fault
- Volney-Marcy
- ▲— SBK Edic R945
- ◆— Marcy South S.
- ×— Marcy South N.
- ▲— N.Scot-Leeds 345
- ×— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



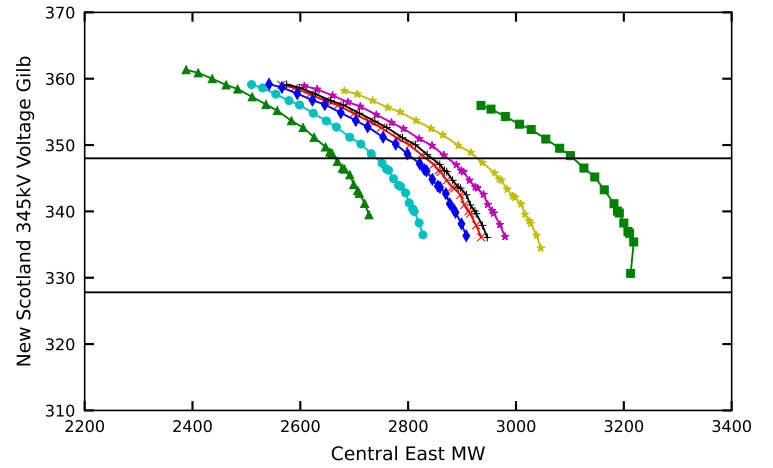
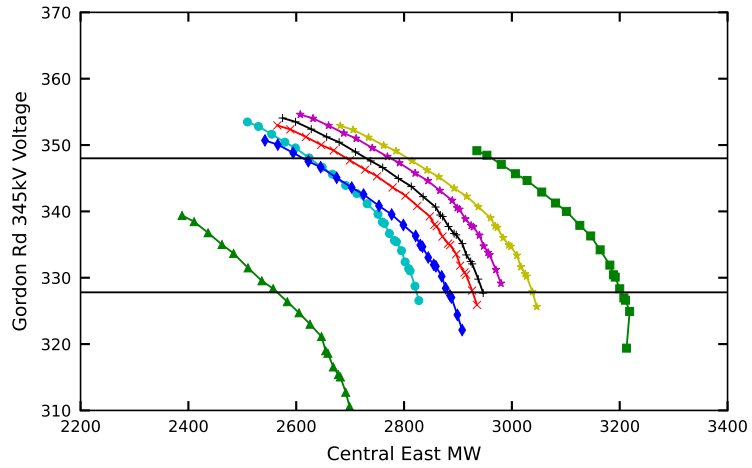
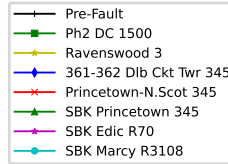
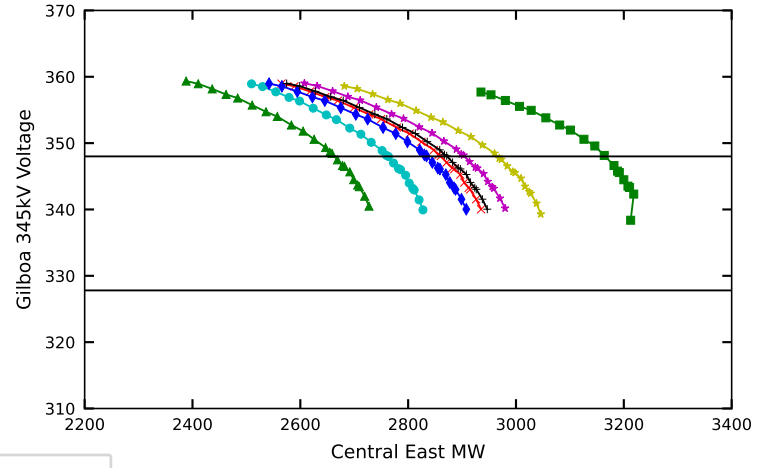
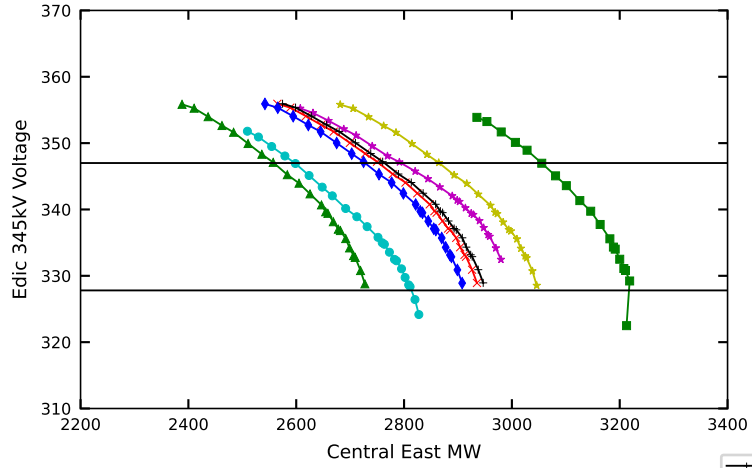
1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A Figure 2



1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A Figure 1



1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

Interface: Central East

Transfer		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2574	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2598	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2627	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2656	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2679	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2709	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2738	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2760	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2789	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2813	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2835	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2858	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2867	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2871	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2882	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
2892	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
2896	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7															
2908	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2915	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2923	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	0															
2926	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	1															
2937	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	2															
2946	t2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2
	3															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\0A\Sum2023_CEVC_PH2_40_0A.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

Interface: Central East

	t	t	t	t	t	t	t	t	t	t1	t1	t1	t1	t1	t1	t1	t1	t1	t1	t2	t2	t2	t2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princeton 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princeton-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2

Voltage Contingency Analysis Procedure (VCAP)

03-06-2023 15:28

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\4O\0A\Sum2023_CEVC_PH2_4O_0A.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 4O 0A

Interface: Central East

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\0A\Sum2023_CEVC_PH2_40_0A.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2455 <E	Dunwoodie 345kV Voltage	Pre-Fault	94.7	NA	348	2455
2466 <E	Sprain Brook 345kV Voltage	Pre-Fault	94.9	NA	348	2466
2708	Millwood 345kV Voltage	Pre-Fault	57.9	NA	348	2708
2727	limit with 5% margin	Marcy South N.	NA	NA	NA	3492
2730	Gordon Rd 345kV Voltage	Pre-Fault	20.9	NA	348	2730
2746	Marcy 345kV Voltage	Pre-Fault	17.8	NA	348	2746
2762	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3057
2763	Edic 345kV Voltage	Pre-Fault	15.7	NA	347	2763
2768	Gordon Rd 345kV Voltage	SBK Princetown 345	14.8	327.8	346.1	2564
2780	limit with 5% margin	Marcy South S.	NA	NA	NA	3285
2790	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2026
2790	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1970
2790	limit with 5% margin	SBK Edic R945	NA	NA	NA	2026
2792	Gordon Rd 345kV Voltage	Marcy South N.	10.3	327.8	344.8	3647
2799	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2763
2799	limit with 5% margin	Volney-Marcy	NA	NA	NA	2738
2799	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2686
2799	limit with 5% margin	SBK Edic R70	NA	NA	NA	2830
2799	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2590
2799	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2788
2799	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2762
2799	limit with 5% margin	Ravenswood 3	NA	NA	NA	2893
2809	Buchanan North 345kV Voltage	Pre-Fault	82.2	NA	346	2809
2844	New Scotland 345kV Voltage Alps	Pre-Fault	15.7	NA	348	2844
2844	New Scotland 345kV Voltage Gilb	Pre-Fault	15.7	NA	348	2844
2844	Gordon Rd 345kV Voltage	Marcy South S.	9.7	327.8	341.6	3402
2847	Pleasant Valley 345kV Voltage	Pre-Fault	32.7	NA	348	2847
2848	Edic 345kV Voltage	Marcy South N.	5.8	327.8	341.5	3671
2849	Marcy 345kV Voltage	Marcy South N.	5.8	327.8	341.4	3671
2872	Gilboa 345kV Voltage	Pre-Fault	11.1	NA	348	2872
2881	Buchanan South 345kV Voltage	Pre-Fault	23.8	NA	346	2881
2882	Rock Tavern 345kV Voltage	Pre-Fault	18.6	NA	348	2882
2883 >E	Oakdale 345kV Voltage	Marcy South N.	5.0	320	343.0	3677
2886	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.6	327.8	337.3	3202
2894 >E	New Scotland 345kV Voltage Alps	Marcy South N.	9.5	327.8	344.9	3679
2894 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	9.5	327.8	344.9	3679
2907	New Scotland 345kV Voltage Alps	Marcy South S.	6.5	327.8	342.5	3450
2907	New Scotland 345kV Voltage Gilb	Marcy South S.	6.5	327.8	342.5	3450
2908	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.2	327.8	335.2	2065
2912	Leeds 345kV Voltage	Pre-Fault	5.5	NA	345	2912

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\0A\Sum2023_CEVC_PH2_40_0A.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2913	Ramapo 500kV Voltage	Ravenswood 3	3.4	500	505.0	3015
2916	Marcy 345kV Voltage	SBK Edic R945	3.3	327.8	334.1	2124
2916	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	334.1	2124
2917	Pannell Road 345kV Voltage	Pre-Fault	9.5	NA	346	2917
2917	Station 80 345kV Voltage	Pre-Fault	8.3	NA	346	2917
2918 >E	Edic 345kV Voltage	Ph2 DC 1500	7.1	327.8	334.7	3225
2918	Edic 345kV Voltage	SBK Edic R945	3.4	327.8	333.9	2125
2918	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	333.9	2125
2918 >E	Marcy 345kV Voltage	Ph2 DC 1500	7.1	327.8	334.5	3225
2918	Coopers Corners 345kV Voltage	SBK Edic R945	4.4	327.8	338.4	2125
2918	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	338.4	2125
2920	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	7.6	327.8	332.9	2881
2921	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	4.6	327.8	338.1	2070
2922	Clay 345kV Voltage	Pre-Fault	10.5	NA	345	2922
2922	Fraser 345kV Voltage	Pre-Fault	6.4	NA	338	2922
2922	Coopers Corners 345kV Voltage	Pre-Fault	8.1	NA	338	2922
2922	Edic 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	333.3	2070
2927	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.8	327.8	332.6	2072
2929 >E	Clay 345kV Voltage	Marcy South N.	8.8	327.8	346.4	3685
2929	Edic 345kV Voltage	SBK Marcy R3108	5.8	327.8	332.3	2813
2930 >E	Edic 345kV Voltage	Marcy South S.	7.9	327.8	332.5	3460
2932 >E	Marcy 345kV Voltage	Marcy South S.	7.9	327.8	332.1	3461
2932	Fraser 345kV Voltage	SBK Edic R945	2.7	327.8	336.2	2131
2932	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	336.2	2131
2934	Ramapo 500kV Voltage	Marcy-N.Scot99 345	5.9	500	503.1	2073
2934	Ramapo 345kV Voltage	Pre-Fault	20.0	NA	346	2934
2934	Fraser 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	335.8	2073
2934	Ramapo 500kV Voltage	SBK Edic R945	5.9	500	503.0	2132
2934	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	5.9	500	503.0	2132
2937	Gordon Rd 345kV Voltage	Ravenswood 3	4.1	327.8	329.7	3038
2938	Oakdale 345kV Voltage	Pre-Fault	3.6	NA	335	2938
2938	Gordon Rd 345kV Voltage	Princeton-N.Scot 345	4.2	327.8	329.5	2927
2941 >E	Gilboa 345kV Voltage	Marcy South S.	7.0	327.8	341.8	3466
2941	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	4.2	327.8	329.0	2903
2941	Gordon Rd 345kV Voltage	SBK Marcy R3108	4.2	327.8	328.9	2823
2943	Edic 345kV Voltage	Volney-Marcy	4.1	327.8	329.8	2879
2943	Marcy 345kV Voltage	Volney-Marcy	4.1	327.8	329.5	2879
2945	Ladentown 345kV Voltage	Pre-Fault	8.6	NA	346	2945
2946 >E	Gordon Rd 345kV Voltage	Volney-Marcy	4.2	327.8	327.7	2882
2947 >E	Ramapo 500kV Voltage	SBK Princeton 345	4.5	500	500.4	2728

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2947 >E	Oakdale 345kV Voltage	SBK Edic R945	2.8	320	333.1	2137
2948 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.9	320	333.1	2137
2948 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	4.5	500	500.2	2910
2948 >E	Ramapo 500kV Voltage	Volney-Marcy	4.5	500	500.1	2884
2948 >E	Ramapo 500kV Voltage	SBK Edic R70	4.5	500	500.1	2981
2948 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	4.5	500	500.1	2909
2949 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	4.5	500	500.0	2937
2949 >E	Ramapo 500kV Voltage	Pre-Fault	4.5	NA	500	2949
2949 >E	Ramapo 500kV Voltage	SBK Marcy R3108	4.5	500	500.0	2829
2949 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.8	320	332.8	2075
2949 >E	Edic 345kV Voltage	Ravenswood 3	4.2	327.8	328.3	3048
2949 >E	Marcy 345kV Voltage	Ravenswood 3	4.2	327.8	328.1	3048
2951 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	327.8	2913
2951 >E	Marcy 345kV Voltage	SBK Marcy R3108	4.6	327.8	327.8	2830
2951 >E	Marcy 345kV Voltage	SBK Edic R70	4.6	327.8	327.8	2984
2951 >E	Marcy 345kV Voltage	SBK Princetown 345	4.6	327.8	327.8	2731
2951 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	4.6	327.8	327.8	2939
2951 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	327.8	2911
2951 >E	Edic 345kV Voltage	SBK Princetown 345	4.6	327.8	328.0	2731
2951 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	327.8	2912
2951 >E	Edic 345kV Voltage	Princetown-N.Scot 345	4.6	327.8	327.8	2940
2951 >E	Edic 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	327.8	2913
2952 >E	Coopers Corners 345kV Voltage	Ravenswood 3	3.9	327.8	332.3	3051
2952 >E	Gordon Rd 345kV Voltage	SBK Edic R70	4.5	327.8	326.3	2986
2954 >E	Roseton 345kV Voltage	Pre-Fault	9.3	NA	345	2954
2959 >E	Leeds 345kV Voltage	Marcy South S.	8.6	327.8	340.3	3476
2965 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	4.4	327.8	329.5	2743
2966 >E	Dunwoodie 345kV Voltage	Ravenswood 3	7.7	327.8	336.0	3062
2967 >E	Bowline 2 345kV Voltage	Pre-Fault	7.6	NA	345	2967
2967 >E	Sprain Brook 345kV Voltage	Ravenswood 3	7.6	327.8	336.0	3063
2967 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	4.0	327.8	327.8	2955
2967 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	327.8	2929
2967 >E	Fraser 345kV Voltage	Volney-Marcy	4.0	327.8	327.8	2901
2967 >E	Fraser 345kV Voltage	SBK Marcy R3108	4.0	327.8	327.8	2843
2967 >E	Fraser 345kV Voltage	SBK Edic R70	4.0	327.8	327.8	3001
2967 >E	Fraser 345kV Voltage	SBK Princetown 345	4.0	327.8	327.8	2745
2967 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	4.0	327.8	327.8	2927

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2967 >E	Fraser 345kV Voltage	Ravenswood 3	4.0	327.8	327.8	3063
2967 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.5	327.8	328.9	3001
2970 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.5	327.8	328.4	2932
2971 >E	Bowline 1 345kV Voltage	Pre-Fault	9.3	NA	345	2971
2971 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	4.5	327.8	328.1	2931
2971 >E	Edic 345kV Voltage	SBK Edic R70	5.3	327.8	323.6	3005
2971 >E	Gilboa 345kV Voltage	SBK Edic R945	4.0	327.8	337.1	2146
2971 >E	Gordon Rd 345kV Voltage	SBK Edic R945	4.2	327.8	322.9	2146
2971 >E	Clay 345kV Voltage	SBK Edic R945	4.0	327.8	340.4	2146
2971 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	322.8	2146
2971 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	4.0	327.8	337.0	2146
2972 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	4.5	327.8	327.9	2960
2972 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.1	327.8	340.3	2146
2973 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	8.6	327.8	336.7	3263
2973 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	8.6	327.8	336.7	3263
2973 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	336.8	2078
2975 >E	Coopers Corners 345kV Voltage	Volney-Marcy	4.5	327.8	327.4	2907
2975 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	340.0	2079
2976 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.3	320	324.6	2850
2978 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	4.7	327.8	329.8	3073
2978 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	4.7	327.8	329.8	3073
2978 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	4.8	327.8	329.8	2939
2978 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	4.8	327.8	329.8	2939
2979 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	4.9	327.8	331.4	2149
2979 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	4.9	327.8	331.4	2149
2979 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	4.9	327.8	331.3	2149
2979 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	4.9	327.8	331.3	2149
2982 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	5.1	327.8	330.8	2080
2982 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	5.1	327.8	330.8	2080
2982 >E	Oakdale 345kV Voltage	Volney-Marcy	3.5	320	322.7	2914
2985 >E	Millwood 345kV Voltage	Ravenswood 3	7.1	327.8	336.0	3079
2985 >E	Oakdale 345kV Voltage	Ravenswood 3	3.4	320	322.1	3079
2985 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	4.7	327.8	325.1	2857
2987 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.5	320	321.5	2763
2988 >E	Buchanan North 345kV Voltage	Ravenswood 3	7.4	327.8	335.8	3081
2988 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	4.9	327.8	327.8	2919
2988 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	4.9	327.8	327.8	2919
2988 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	5.0	327.8	327.7	2976
2988 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	5.0	327.8	327.7	2976
2989 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	5.1	327.8	327.6	3024

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2989 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	5.1	327.8	327.6	3024
2990 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	5.1	327.8	327.4	2949
2990 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	5.1	327.8	327.4	2949
2990 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	5.0	327.8	327.4	2861
2990 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	5.0	327.8	327.4	2861
2991 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	3.6	320	320.3	2951
2992 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.6	320	320.2	2953
2992 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.6	320	320.1	2980
2996 >E	Ramapo 500kV Voltage	Ph2 DC 1500	74.7	500	506.4	3279
2997 >E	Oakdale 345kV Voltage	SBK Edic R70	3.8	320	318.8	3031
2999 >E	Buchanan South 345kV Voltage	Ravenswood 3	7.0	327.8	336.2	3091
3000 >E	Rock Tavern 345kV Voltage	Ravenswood 3	5.4	327.8	335.0	3092
3003 >E	Ramapo 500kV Voltage	Marcy South S.	24.9	500	501.6	3500
3006 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	9.7	327.8	331.9	3286
3007 >E	Clay 345kV Voltage	SBK Marcy R3108	5.5	327.8	334.0	2874
3009 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	5.3	327.8	323.7	2782
3009 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	5.3	327.8	323.7	2782
3011 >E	Gilboa 345kV Voltage	Ravenswood 3	5.6	327.8	329.3	3102
3012 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	329.2	2973
3013 >E	Rock Tavern 345kV Voltage	SBK Edic R945	6.7	327.8	335.6	2163
3013 >E	St.Lawrence 230kV Voltage	Pre-Fault	23.5	NA	225	3013
3013 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	335.5	2162
3015 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	6.6	327.8	335.3	2084
3016 >E	Pannell Road 345kV Voltage	SBK Edic R945	6.4	327.8	339.0	2164
3018 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	6.5	327.8	338.9	2164
3018 >E	Fraser 345kV Voltage	Ph2 DC 1500	8.6	327.8	327.8	3294
3018 >E	Oakdale 345kV Voltage	Ph2 DC 1500	7.0	320	327.6	3294
3019 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	5.8	327.8	327.8	2980
3019 >E	Leeds 345kV Voltage	SBK Marcy R3108	5.8	327.8	327.8	2884
3019 >E	Leeds 345kV Voltage	SBK Edic R70	5.8	327.8	327.8	3055
3019 >E	Leeds 345kV Voltage	SBK Princetown 345	5.8	327.8	327.8	2791
3019 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	5.8	327.8	327.8	3006
3019 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	5.8	327.8	327.8	2977
3019 >E	Leeds 345kV Voltage	Ravenswood 3	5.8	327.8	327.8	3108
3019 >E	Leeds 345kV Voltage	Volney-Marcy	5.8	327.8	327.8	2946
3019 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.4	327.8	338.7	2084
3020 >E	Gilboa 345kV Voltage	SBK Marcy R3108	6.0	327.8	327.9	2884

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3020 >E	Gilboa 345kV Voltage	Volney-Marcy	6.0	327.8	327.9	2947
3020 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	327.8	3008
3021 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	327.8	2979
3022 >E	Gilboa 345kV Voltage	SBK Edic R70	6.1	327.8	327.6	3058
3022 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	7.3	327.8	333.6	3111
3024 >E	Gilboa 345kV Voltage	SBK Princetown 345	6.1	327.8	327.2	2795
3025 >E	Fraser 345kV Voltage	Marcy South S.	10.2	327.8	327.8	3511
3026 >E	Ramapo 345kV Voltage	Ravenswood 3	7.0	327.8	335.8	3115
3028 >E	Ladentown 345kV Voltage	Ravenswood 3	6.8	327.8	336.4	3116
3029 >E	Clay 345kV Voltage	Volney-Marcy	6.6	327.8	330.9	2955
3030 >E	Roseton 345kV Voltage	Ravenswood 3	6.0	327.8	336.8	3118
3030 >E	Clay 345kV Voltage	Ravenswood 3	6.0	327.8	330.7	3118
3032 >E	Bowline 2 345kV Voltage	Ravenswood 3	6.2	327.8	336.5	3119
3036 >E	Station 80 345kV Voltage	SBK Edic R945	7.5	327.8	338.2	2172
3038 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	7.7	327.8	338.1	2171
3039 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	338.0	2087
3041 >E	Clay 345kV Voltage	SBK Princetown 345	6.7	327.8	329.3	2810
3045 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	6.9	327.8	328.4	2814
3045 >E	Bowline 1 345kV Voltage	Ravenswood 3	7.2	327.8	336.9	3131
3046 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	9.9	327.8	328.0	3006
3046 >E	Dunwoodie 345kV Voltage	SBK Edic R70	10.0	327.8	327.9	3083
3046 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	9.8	327.8	328.0	3006
3046 >E	Sprain Brook 345kV Voltage	SBK Edic R70	9.9	327.8	327.9	3083
3046 >E	Rock Tavern 345kV Voltage	SBK Edic R70	6.9	327.8	328.3	3083
3047 >E	Pannell Road 345kV Voltage	Marcy South N.	15.6	327.8	344.9	3704
3047 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	6.9	327.8	328.2	3007
3047 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	10.0	327.8	327.8	3035
3047 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	7.8	327.8	327.8	2175
3047 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	7.8	327.8	327.8	2088
3047 >E	Leeds 345kV Voltage	SBK Edic R945	7.8	327.8	327.8	2176
3048 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	10.0	327.8	327.8	3005
3048 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	9.9	327.8	327.8	3035
3048 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	9.9	327.8	327.8	3006
3049 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	6.9	327.8	327.9	3007
3049 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	6.9	327.8	327.8	3037
3049 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	7.1	327.8	328.1	3007

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3050 >E	Dunwoodie 345kV Voltage	Volney-Marcy	10.0	327.8	327.5	2974
3050 >E	Clay 345kV Voltage	N.Scot-Leeds 345	7.1	327.8	328.0	3010
3050 >E	Sprain Brook 345kV Voltage	Volney-Marcy	9.9	327.8	327.5	2974
3050 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	10.0	327.8	327.5	2818
3051 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	9.9	327.8	327.5	2819
3051 >E	Clay 345kV Voltage	Princetown-N.Scot 345	7.2	327.8	327.9	3038
3051 >E	St.Lawrence 230kV Voltage	SBK Edic R945	13.5	218.5	223.3	2178
3052 >E	Rock Tavern 345kV Voltage	Volney-Marcy	6.9	327.8	327.5	2976
3053 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	13.8	218.5	223.2	2177
3054 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	13.1	218.5	223.2	2089
3054 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	10.2	327.8	327.1	2912
3055 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	10.1	327.8	327.1	2912
3058 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	9.0	327.8	328.0	3018
3058 >E	Millwood 345kV Voltage	SBK Edic R70	9.1	327.8	328.0	3096
3060 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	9.1	327.8	327.8	3047
3060 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	327.8	3017
3061 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	7.2	327.8	326.1	2917
3062 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	9.5	327.8	328.0	3022
3062 >E	Millwood 345kV Voltage	Volney-Marcy	9.1	327.8	327.5	2985
3062 >E	Buchanan North 345kV Voltage	SBK Edic R70	9.6	327.8	328.0	3100
3063 >E	Millwood 345kV Voltage	SBK Princetown 345	9.2	327.8	327.5	2829
3064 >E	Buchanan North 345kV Voltage	SBK Princetown 345	9.6	327.8	327.8	2830
3064 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	9.6	327.8	327.8	3021
3064 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	9.6	327.8	327.8	3051
3064 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	8.5	327.8	332.3	2919
3066 >E	Buchanan North 345kV Voltage	Volney-Marcy	9.6	327.8	327.6	2988
3067 >E	Millwood 345kV Voltage	SBK Marcy R3108	9.3	327.8	326.9	2922
3070 >E	Leeds 345kV Voltage	Marcy South N.	14.3	327.8	341.5	3707
3071 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	8.9	327.8	328.0	3031
3071 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	9.0	327.8	328.2	3031
3071 >E	Gilboa 345kV Voltage	Ph2 DC 1500	11.3	327.8	333.0	3331
3072 >E	Buchanan South 345kV Voltage	SBK Edic R70	8.9	327.8	328.0	3110
3073 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	9.8	327.8	326.9	2926
3073 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	8.9	327.8	327.8	3061
3074 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	8.9	327.8	327.8	3031
3074 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	9.1	327.8	327.9	3112
3075 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	9.1	327.8	327.8	3062
3075 >E	Buchanan South 345kV Voltage	SBK Princetown 345	8.9	327.8	327.6	2840

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3076 >E	Buchanan South 345kV Voltage	Volney-Marcy	8.9	327.8	327.5	2997
3076 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	327.7	3033
3077 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	9.1	327.8	327.5	2998
3082 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	9.1	327.8	326.9	2933
3082 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	9.2	327.8	327.1	2933
3082 >E	Pannell Road 345kV Voltage	Ravenswood 3	9.0	327.8	330.6	3163
3083 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	9.2	327.8	326.9	2847
3085 >E	Clay 345kV Voltage	Ph2 DC 1500	12.0	327.8	336.0	3340
3086 >E	Ramapo 500kV Voltage	Marcy South N.	35.9	500	502.0	3710
3087 >E	Clay 345kV Voltage	SBK Edic R70	8.9	327.8	322.9	3125
3089 >E	Leeds 345kV Voltage	Ph2 DC 1500	11.0	327.8	332.8	3343
3090 >E	Pannell Road 345kV Voltage	Volney-Marcy	9.8	327.8	329.8	3009
3094 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	8.8	327.8	328.1	3054
3094 >E	Ramapo 345kV Voltage	SBK Edic R70	8.8	327.8	328.0	3133
3095 >E	Ramapo 345kV Voltage	SBK Princetown 345	8.8	327.8	328.0	2857
3095 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	7.6	327.8	328.1	3055
3096 >E	Bowline 2 345kV Voltage	SBK Edic R70	7.6	327.8	328.0	3135
3096 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	8.8	327.8	327.9	3052
3096 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	18.2	218.5	221.5	2944
3096 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	8.8	327.8	327.8	3083
3097 >E	Bowline 2 345kV Voltage	SBK Princetown 345	7.6	327.8	327.9	2859
3097 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	7.6	327.8	327.8	3054
3097 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	7.6	327.8	327.8	3084
3098 >E	Ramapo 345kV Voltage	Volney-Marcy	8.8	327.8	327.6	3017
3099 >E	Pannell Road 345kV Voltage	SBK Princetown 345	9.8	327.8	329.0	2861
3099 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	8.5	327.8	328.1	3058
3099 >E	Bowline 2 345kV Voltage	Volney-Marcy	7.6	327.8	327.6	3017
3100 >E	Ladentown 345kV Voltage	SBK Edic R70	8.6	327.8	328.0	3139
3101 >E	Ladentown 345kV Voltage	SBK Princetown 345	8.6	327.8	327.9	2863
3101 >E	Buchanan North 345kV Voltage	SBK Edic R945	14.6	327.8	332.6	2198
3101 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	8.6	327.8	327.8	3057
3101 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	8.6	327.8	327.8	3088
3102 >E	Dunwoodie 345kV Voltage	SBK Edic R945	15.7	327.8	329.9	2198
3102 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	14.7	327.8	332.5	2196
3103 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	15.8	327.8	329.8	2196
3103 >E	Ladentown 345kV Voltage	Volney-Marcy	8.6	327.8	327.6	3021
3104 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	14.7	327.8	332.4	2096

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3105 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	7.8	327.8	326.8	2952
3106 >E	Ramapo 345kV Voltage	SBK Marcy R3108	9.0	327.8	326.7	2952
3107 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	15.9	327.8	329.6	2096
3107 >E	Sprain Brook 345kV Voltage	SBK Edic R945	16.1	327.8	330.0	2200
3108 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	16.2	327.8	330.0	2198
3109 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	10.3	327.8	328.0	3065
3109 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	10.3	327.8	327.9	3069
3110 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	11.2	327.8	329.1	2201
3110 >E	Fraser 345kV Voltage	Marcy South N.	14.0	327.8	327.8	3714
3110 >E	Station 80 345kV Voltage	SBK Marcy R3108	11.2	327.8	331.9	2955
3110 >E	Pannell Road 345kV Voltage	Princeton-N.Scot 345	10.4	327.8	327.9	3097
3110 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	11.3	327.8	329.1	2199
3111 >E	Ladentown 345kV Voltage	SBK Marcy R3108	8.8	327.8	326.7	2956
3112 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	9.3	327.8	328.0	3071
3113 >E	Roseton 345kV Voltage	SBK Edic R70	9.3	327.8	328.0	3152
3113 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	16.3	327.8	329.7	2097
3114 >E	Station 80 345kV Voltage	Marcy South N.	18.9	327.8	344.2	3714
3114 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	9.3	327.8	327.8	3101
3114 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	9.3	327.8	327.8	3070
3115 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	11.4	327.8	328.7	2097
3116 >E	Gilboa 345kV Voltage	Marcy South N.	15.7	327.8	338.1	3715
3116 >E	Roseton 345kV Voltage	SBK Princetown 345	9.3	327.8	327.6	2876
3117 >E	Roseton 345kV Voltage	Volney-Marcy	9.3	327.8	327.6	3033
3119 >E	St.Lawrence 230kV Voltage	Volney-Marcy	19.9	218.5	220.5	3035
3120 >E	Millwood 345kV Voltage	SBK Edic R945	14.5	327.8	330.7	2205
3121 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	14.5	327.8	330.7	2203
3123 >E	Roseton 345kV Voltage	SBK Marcy R3108	9.5	327.8	326.8	2966
3125 >E	Station 80 345kV Voltage	Ravenswood 3	11.7	327.8	330.9	3200
3125 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	14.6	327.8	330.4	2098
3126 >E	Roseton 345kV Voltage	SBK Edic R945	10.7	327.8	331.9	2207
3127 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	10.7	327.8	331.8	2205
3127 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	9.2	327.8	328.1	3086
3128 >E	Bowline 1 345kV Voltage	SBK Edic R70	9.2	327.8	328.0	3168
3129 >E	Bowline 1 345kV Voltage	SBK Princetown 345	9.2	327.8	327.9	2887
3129 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	10.7	327.8	331.6	2099
3130 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	9.3	327.8	327.8	3085
3130 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	9.3	327.8	327.8	3117
3130 >E	Pleasant Valley 345kV Voltage	Marcy South S.	21.4	327.8	335.3	3569

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3132 >E	Bowline 1 345kV Voltage	Volney-Marcy	9.3	327.8	327.6	3046
3133 >E	St.Lawrence 230kV Voltage	Ravenswood 3	20.9	218.5	219.9	3208
3135 >E	Clay 345kV Voltage	Marcy South S.	14.1	327.8	333.5	3571
3138 >E	Buchanan South 345kV Voltage	SBK Edic R945	14.4	327.8	332.0	2212
3139 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	14.5	327.8	331.9	2210
3141 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	9.5	327.8	326.7	2979
3142 >E	Station 80 345kV Voltage	Volney-Marcy	12.9	327.8	329.6	3055
3143 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	14.5	327.8	331.7	2101
3146 >E	Pannell Road 345kV Voltage	SBK Edic R70	12.2	327.8	324.4	3187
3148 >E	Oakdale 345kV Voltage	Marcy South S.	12.4	320	320.4	3578
3151 >E	Station 80 345kV Voltage	SBK Princetown 345	12.9	327.8	329.0	2907
3155 >E	Ramapo 345kV Voltage	SBK Edic R945	14.2	327.8	334.9	2219
3157 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	14.3	327.8	334.8	2217
3158 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	14.2	327.8	334.8	2103
3164 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	13.6	327.8	328.0	3118
3165 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	327.9	3123
3166 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	13.7	327.8	327.9	3152
3166 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	23.5	218.5	218.5	3153
3167 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	23.6	218.5	218.5	3121
3167 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	23.6	218.5	218.5	3125
3171 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	23.8	218.5	218.3	2925
3172 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	16.6	327.8	335.1	3401
3174 >E	St.Lawrence 230kV Voltage	Marcy South N.	30.6	218.5	227.2	3724
3177 >E	Station 80 345kV Voltage	Ph2 DC 1500	16.8	327.8	334.5	3403
3179 >E	Ladentown 345kV Voltage	SBK Edic R945	14.4	327.8	334.6	2229
3180 >E	St.Lawrence 230kV Voltage	SBK Edic R70	25.0	218.5	217.9	3223
3181 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	14.5	327.8	334.5	2226
3183 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	14.4	327.8	334.5	2106
3186 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	29.5	218.5	222.2	3410
3208 >E	Bowline 1 345kV Voltage	SBK Edic R945	14.6	327.8	335.2	2240
3210 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	14.7	327.8	335.1	2237
3210 >E	Bowline 2 345kV Voltage	SBK Edic R945	14.6	327.8	335.3	2241
3211 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	14.6	327.8	335.0	2110
3212 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	14.7	327.8	335.1	2238
3214 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	14.6	327.8	335.1	2110
3214 >E	Station 80 345kV Voltage	SBK Edic R70	16.4	327.8	324.3	3258
3217 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	19.0	327.8	333.1	3431
3223 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	17.7	327.8	333.4	3435
3267 >E	Somerset 345kV Voltage	SBK Edic R945	15.0	327.8	341.0	2263

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3269 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	15.0	327.8	341.0	2117
3273 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	15.3	327.8	340.8	2261
3276 >E	Pannell Road 345kV Voltage	Marcy South S.	21.6	327.8	331.6	3648
3302 >E	Rainey 345kV Voltage	Ravenswood 3	20.3	327.8	342.7	3354
3302 >E	Somerset 345kV Voltage	Pre-Fault	26.9	NA	338	3302
3304 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	29.2	327.8	333.4	3491
3321 >E	Millwood 345kV Voltage	Ph2 DC 1500	28.1	327.8	332.7	3503
3325 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	18.1	207	233.7	2124
3326 >E	Farragut 345kV Voltage	Ravenswood 3	21.4	327.8	342.0	3374
3329 >E	Watercure 230kV Voltage	SBK Edic R945	18.4	207	233.7	2288
3333 >E	St.Lawrence 230kV Voltage	Marcy South S.	40.8	218.5	220.4	3679
3334 >E	Station 80 345kV Voltage	Marcy South S.	24.7	327.8	330.7	3679
3335 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	33.7	327.8	331.8	3513
3336 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	33.7	327.8	331.9	3514
3343 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	19.0	207	233.8	2288
3345 >E	Coopers Corners 345kV Voltage	Marcy South N.	18.4	327.8	313.2	3751
3349 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	27.3	327.8	333.4	3523
3358 >E	Roseton 345kV Voltage	Ph2 DC 1500	22.2	327.8	333.6	3529
3359 >E	Pleasant Valley 345kV Voltage	Marcy South N.	30.9	327.8	338.0	3753
3391 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	22.6	327.8	334.4	3551
3406 >E	Ramapo 345kV Voltage	Ph2 DC 1500	27.3	327.8	334.5	3562
3418 >E	Ladentown 345kV Voltage	Ph2 DC 1500	26.3	327.8	334.7	3570
3427 >E	Millwood 345kV Voltage	Marcy South S.	39.1	327.8	328.5	3730
3450 >E	Dunwoodie 345kV Voltage	Marcy South S.	48.9	327.8	328.2	3742
3454 >E	Sprain Brook 345kV Voltage	Marcy South S.	48.3	327.8	328.1	3744
3461 >E	Somerset 345kV Voltage	SBK Marcy R3108	22.4	327.8	332.1	3230
3464 >E	Somerset 345kV Voltage	Ravenswood 3	22.8	327.8	332.0	3495
3473 >E	Rainey 345kV Voltage	Pre-Fault	36.3	NA	338	3473
3477 >E	Farragut 345kV Voltage	Pre-Fault	37.8	NA	338	3477
3513 >E	Roseton 345kV Voltage	Marcy South S.	32.1	327.8	327.8	3776
3518 >E	Goethals 345kV Voltage	Ravenswood 3	29.1	327.8	341.3	3541
3522 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	29.1	327.8	335.7	3642
3533 >E	Somerset 345kV Voltage	Volney-Marcy	25.4	327.8	329.4	3400
3539 >E	Buchanan South 345kV Voltage	Marcy South S.	38.9	327.8	326.8	3790
3540 >E	Somerset 345kV Voltage	SBK Princetown 345	25.4	327.8	329.1	3249
3551 >E	Buchanan North 345kV Voltage	Marcy South S.	40.5	327.8	324.4	3797
3570 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	26.6	327.8	328.0	3512
3573 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	26.7	327.8	327.9	3524
3574 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	26.8	327.8	327.9	3557
3618 >E	Rock Tavern 345kV Voltage	Marcy South N.	30.7	327.8	320.6	3795

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3624 >E	Watercure 230kV Voltage	Marcy South N.	46.5	207	236.3	3796
3654 >E	Somerset 345kV Voltage	Marcy South N.	35.5	327.8	346.7	3800
3658 >E	Somerset 345kV Voltage	Ph2 DC 1500	32.4	327.8	336.4	3735
3689 >E	Roseton 345kV Voltage	Marcy South N.	37.3	327.8	333.4	3806
3690 >E	Somerset 345kV Voltage	SBK Edic R70	31.6	327.8	323.6	3752
3690 >E	Goethals 345kV Voltage	Pre-Fault	52.3	NA	338	3690
3748 >E	Watercure 230kV Voltage	Marcy South S.	31.2	207	206.1	3904
3761 >E	Millwood 345kV Voltage	Marcy South N.	54.8	327.8	332.0	3817
3795 >E	Ladentown 345kV Voltage	Marcy South S.	40.1	327.8	322.9	3930
3811 >E	Dunwoodie 345kV Voltage	Marcy South N.	67.7	327.8	331.3	3825
3811 >E	Sprain Brook 345kV Voltage	Marcy South N.	67.0	327.8	331.2	3825
3826 >E	Ramapo 345kV Voltage	Marcy South S.	42.0	327.8	321.4	3946
3835 >E	Buchanan North 345kV Voltage	Marcy South N.	56.1	327.8	327.8	3829
3835 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	36.0	327.8	328.0	3782
3841 >E	Rainey 345kV Voltage	SBK Edic R70	36.3	327.8	327.9	3909
3844 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	36.3	327.8	327.8	3824
3845 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	36.4	327.8	327.8	3778
3849 >E	Rainey 345kV Voltage	Volney-Marcy	36.4	327.8	327.6	3679
3851 >E	Rainey 345kV Voltage	SBK Princetown 345	36.5	327.8	327.6	3522
3855 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	37.5	327.8	328.0	3802
3861 >E	Farragut 345kV Voltage	SBK Edic R70	37.8	327.8	327.9	3930
3863 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	37.8	327.8	327.8	3843
3864 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	37.8	327.8	327.8	3798
3865 >E	Bowline 1 345kV Voltage	Marcy South S.	40.1	327.8	322.6	3967
3869 >E	Farragut 345kV Voltage	Volney-Marcy	37.9	327.8	327.7	3696
3870 >E	Rainey 345kV Voltage	SBK Marcy R3108	37.1	327.8	327.1	3550
3871 >E	Farragut 345kV Voltage	SBK Princetown 345	38.0	327.8	327.6	3540
3873 >E	Bowline 2 345kV Voltage	Marcy South S.	40.1	327.8	322.5	3972
3884 >E	Buchanan South 345kV Voltage	Marcy South N.	54.5	327.8	330.6	3837
3890 >E	Farragut 345kV Voltage	SBK Marcy R3108	38.7	327.8	327.1	3566
3932 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	35.2	327.8	344.5	2204
3933 >E	Niagara 345kV Voltage	SBK Edic R945	35.3	327.8	344.4	2526
3953 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	36.0	327.8	344.2	2521
3985 >E	Somerset 345kV Voltage	Marcy South S.	44.6	327.8	330.5	4032
4071 >E	Rock Tavern 345kV Voltage	Marcy South S.	46.6	327.8	301.6	4079
4112 >E	Watercure 230kV Voltage	Ph2 DC 1500	53.8	207	228.5	4049
4132 >E	Niagara 345kV Voltage	Pre-Fault	63.4	NA	338	4132
4188 >E	Ramapo 345kV Voltage	Marcy South N.	58.4	327.8	324.6	3886
4201 >E	Ladentown 345kV Voltage	Marcy South N.	57.1	327.8	326.5	3888

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4213 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	51.9	327.8	328.0	4153
4221 >E	Goethals 345kV Voltage	SBK Edic R70	52.3	327.8	327.9	4304
4224 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	52.3	327.8	327.8	4201
4225 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	52.4	327.8	327.8	4147
4230 >E	Goethals 345kV Voltage	Volney-Marcy	52.5	327.8	327.7	4015
4233 >E	Goethals 345kV Voltage	SBK Princetown 345	52.6	327.8	327.6	3858
4258 >E	Goethals 345kV Voltage	SBK Marcy R3108	53.5	327.8	327.1	3854
4285 >E	Rainey 345kV Voltage	SBK Edic R945	54.4	327.8	332.0	2665
4292 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	54.7	327.8	331.9	2650
4303 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	55.0	327.8	331.7	2252
4315 >E	Farragut 345kV Voltage	SBK Edic R945	56.7	327.8	331.9	2677
4322 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	57.0	327.8	331.8	2662
4324 >E	Bowline 1 345kV Voltage	Marcy South N.	58.3	327.8	326.1	3907
4334 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	57.3	327.8	331.6	2256
4340 >E	Bowline 2 345kV Voltage	Marcy South N.	57.9	327.8	326.2	3910
4406 >E	Niagara 230kV East Voltage	SBK Edic R945	99.9	218.5	228.7	2713
4406 >E	Niagara 230kV West Voltage	SBK Edic R945	99.9	218.5	228.7	2713
4414 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	100.2	218.5	228.7	2267
4414 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	100.2	218.5	228.7	2267
4445 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	102.5	218.5	228.6	2709
4445 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	102.5	218.5	228.6	2709
4458 >E	Niagara 345kV Voltage	Ravenswood 3	53.2	327.8	332.9	4356
4478 >E	Niagara 345kV Voltage	SBK Marcy R3108	53.2	327.8	332.5	4026
4578 >E	Niagara 230kV East Voltage	Pre-Fault	191.1	NA	225	4578
4578 >E	Niagara 230kV West Voltage	Pre-Fault	191.1	NA	225	4578
4668 >E	Niagara 345kV Voltage	Volney-Marcy	59.8	327.8	329.6	4401
4678 >E	Niagara 345kV Voltage	SBK Princetown 345	60.0	327.8	329.4	4249
4761 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	62.8	327.8	328.1	4666
4765 >E	Coopers Corners 345kV Voltage	Marcy South S.	53.2	327.8	206.7	4456
4769 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	63.1	327.8	328.0	4701
4773 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	63.2	327.8	327.9	4745
4846 >E	Goethals 345kV Voltage	SBK Edic R945	78.0	327.8	332.0	2887
4856 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	78.4	327.8	331.9	2866
4868 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	78.8	327.8	331.8	2326
4933 >E	Niagara 345kV Voltage	Marcy South N.	71.9	327.8	348.6	4005
5120 >E	Niagara 345kV Voltage	SBK Edic R70	75.3	327.8	322.4	5239
5192 >E	Niagara 345kV Voltage	Ph2 DC 1500	79.0	327.8	338.6	4794
5233 >E	Niagara 230kV East Voltage	Ravenswood 3	154.3	218.5	221.6	5028
5233 >E	Niagara 230kV West Voltage	Ravenswood 3	154.3	218.5	221.6	5028

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5285 >E	Niagara 230kV East Voltage	SBK Marcy R3108	155.9	218.5	221.3	4658
5285 >E	Niagara 230kV West Voltage	SBK Marcy R3108	155.9	218.5	221.3	4658
5328 >E	Niagara 230kV East Voltage	Marcy South N.	167.0	218.5	229.5	4068
5328 >E	Niagara 230kV West Voltage	Marcy South N.	167.0	218.5	229.5	4068
5482 >E	Niagara 345kV Voltage	Marcy South S.	88.0	327.8	330.4	4845
5614 >E	Niagara 230kV East Voltage	Volney-Marcy	177.8	218.5	219.6	5236
5614 >E	Niagara 230kV West Voltage	Volney-Marcy	177.8	218.5	219.6	5236
5633 >E	Niagara 230kV East Voltage	SBK Princetown 345	178.9	218.5	219.5	5089
5633 >E	Niagara 230kV West Voltage	SBK Princetown 345	178.9	218.5	219.5	5089
5642 >E	Rainey 345kV Voltage	Ph2 DC 1500	108.1	327.8	335.4	5105
5689 >E	Farragut 345kV Voltage	Ph2 DC 1500	112.2	327.8	335.3	5137
5785 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	188.8	218.5	218.7	5660
5785 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	188.8	218.5	218.7	5660
5802 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	189.9	218.5	218.6	5716
5802 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	189.9	218.5	218.6	5716
5809 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	190.4	218.5	218.6	5770
5809 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	190.4	218.5	218.6	5770
6037 >E	Niagara 230kV East Voltage	Marcy South S.	206.9	218.5	220.2	5147
6037 >E	Niagara 230kV West Voltage	Marcy South S.	206.9	218.5	220.2	5147
6410 >E	Gardenville 230kV Voltage	Marcy South N.	137.7	207	233.3	4240
6482 >E	Niagara 230kV East Voltage	SBK Edic R70	235.4	218.5	215.0	6655
6482 >E	Niagara 230kV West Voltage	SBK Edic R70	235.4	218.5	215.0	6655
6645 >E	Rainey 345kV Voltage	Marcy South S.	149.6	327.8	327.8	5476
6693 >E	Farragut 345kV Voltage	Marcy South S.	154.4	327.8	327.9	5503
6704 >E	Goethals 345kV Voltage	Ph2 DC 1500	153.1	327.8	335.6	5837
6836 >E	Watercure 230kV Voltage	SBK Marcy R3108	161.8	207	247.3	5873
6838 >E	Niagara 230kV East Voltage	Ph2 DC 1500	262.9	218.5	226.0	5930
6838 >E	Niagara 230kV West Voltage	Ph2 DC 1500	262.9	218.5	226.0	5930
7742 >E	Gardenville 230kV Voltage	Marcy South S.	176.1	207	212.7	6072
7911 >E	Northport 138kV Voltage	SBK Edic R945	392.6	131.1	132.6	4098
7927 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	393.9	131.1	132.5	4039
7968 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	396.8	131.1	132.4	2732
8104 >E	Goethals 345kV Voltage	Marcy South S.	211.2	327.8	328.8	6269
8196 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	194.5	207	262.6	2762
8221 >E	Rainey 345kV Voltage	Marcy South N.	207.8	327.8	334.1	4529
8243 >E	Gardenville 230kV Voltage	SBK Edic R945	196.8	207	262.8	4229
8274 >E	Farragut 345kV Voltage	Marcy South N.	214.0	327.8	334.1	4538
8664 >E	Watercure 230kV Voltage	Ravenswood 3	233.5	207	254.2	8003
8724 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	214.7	207	265.4	4344

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\0A\Sum2023_CEVC_PH2_40_0A.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
10252 >E	Goethals 345kV Voltage	Marcy South N.	293.7	327.8	334.3	4853
13739 >E	Northport 138kV Voltage	Ph2 DC 1500	857.1	131.1	133.6	10691
16101 >E	Gardenville 230kV Voltage	Ravenswood 3	473.8	207	234.8	14450
19150 >E	Gardenville 230kV Voltage	SBK Marcy R3108	584.6	207	234.8	15514
26419 >E	Northport 138kV Voltage	Marcy South S.	1855.7	131.1	127.4	16211
29313 >E	Northport 138kV Voltage	Ravenswood 3	2134.5	131.1	163.3	25906
32785 >E	Northport 138kV Voltage	Marcy South N.	2354.4	131.1	133.7	8449
50576 >E	Gardenville 230kV Voltage	Volney-Marcy	1713.7	207	234.5	44904
57817 >E	Gardenville 230kV Voltage	SBK Princetown 345	1973.0	207	234.4	50965
99998 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

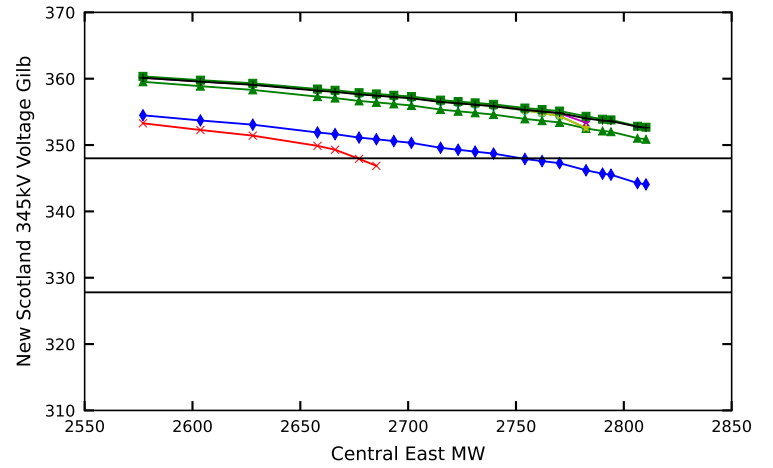
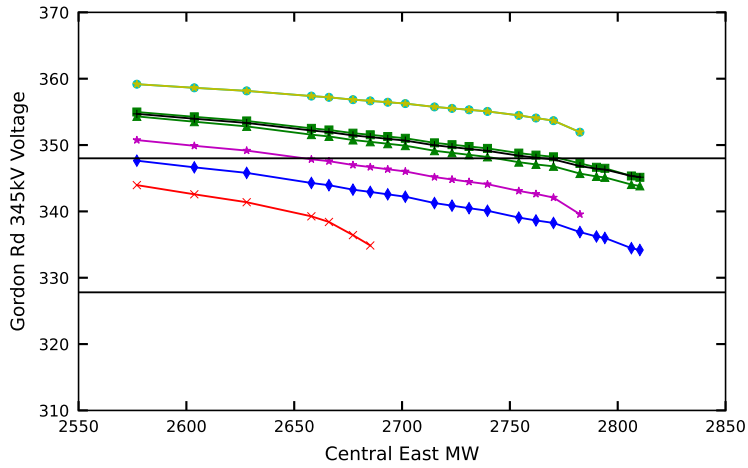
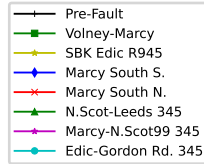
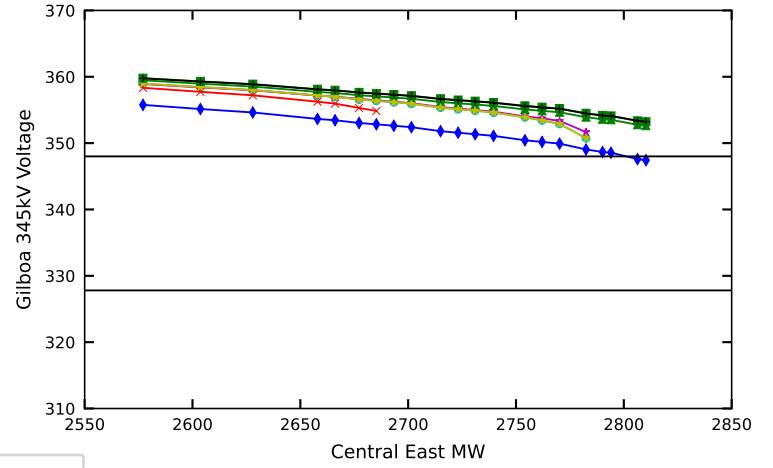
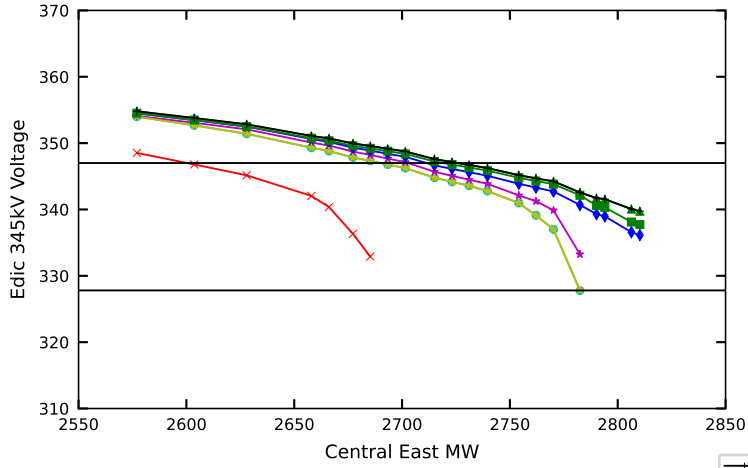
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\0A\Sum2023_CEVC_PH2_40_0A.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0A

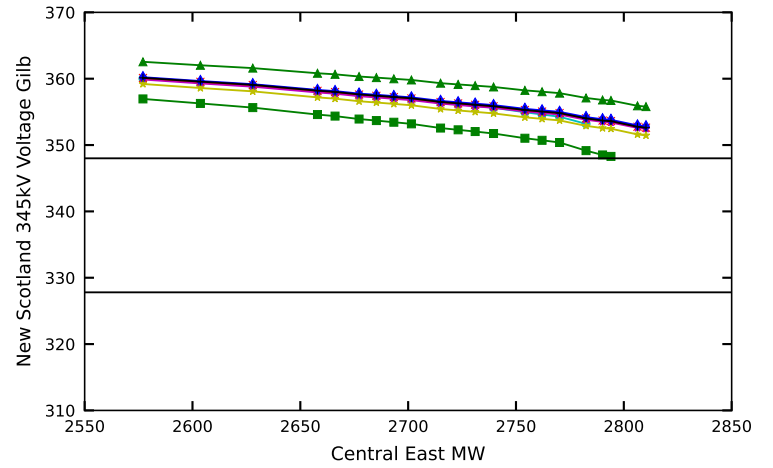
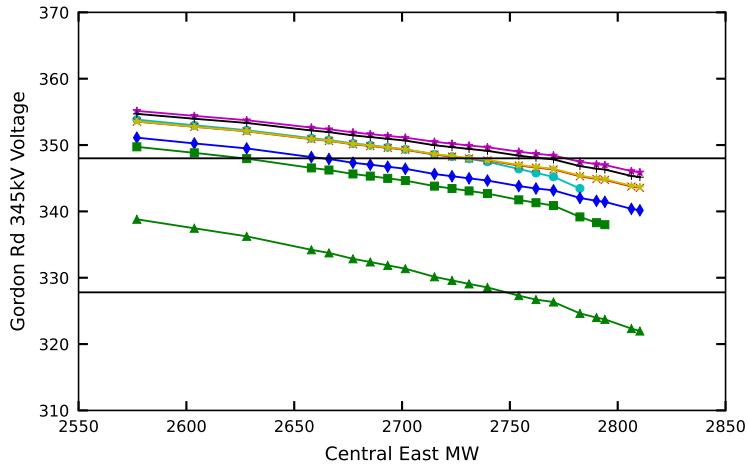
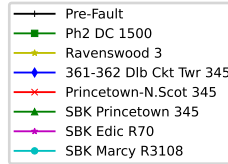
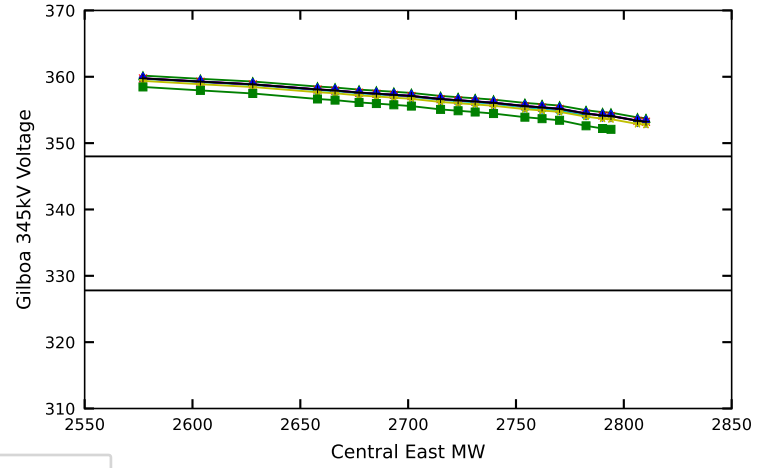
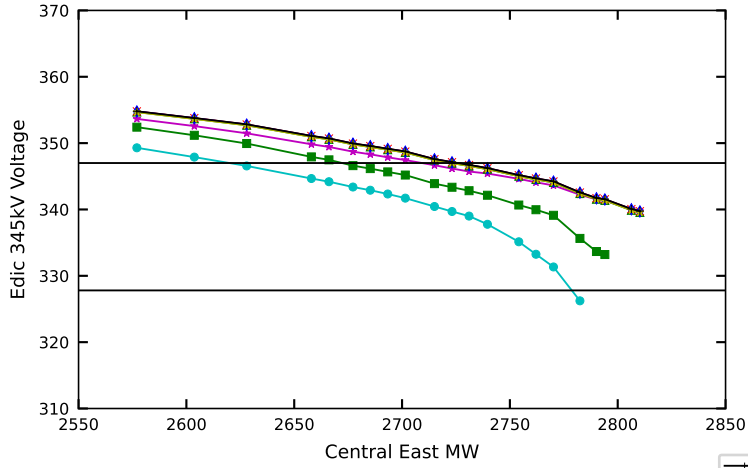
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99999	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99999
>E						
99999	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99999
>E						
99999	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99999
>E						
99999	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

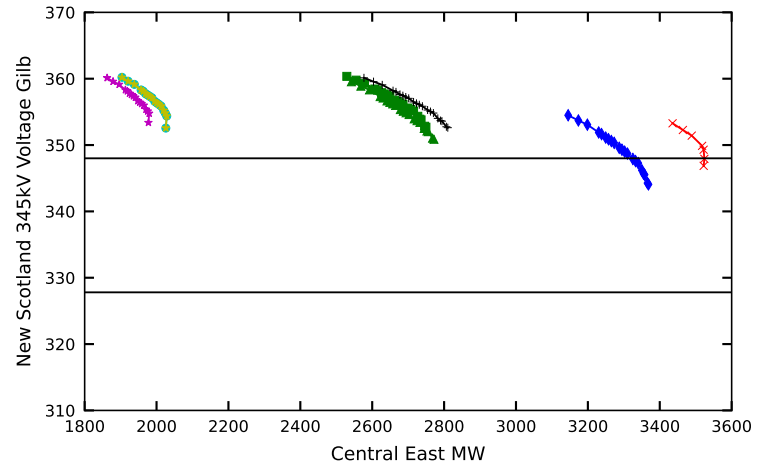
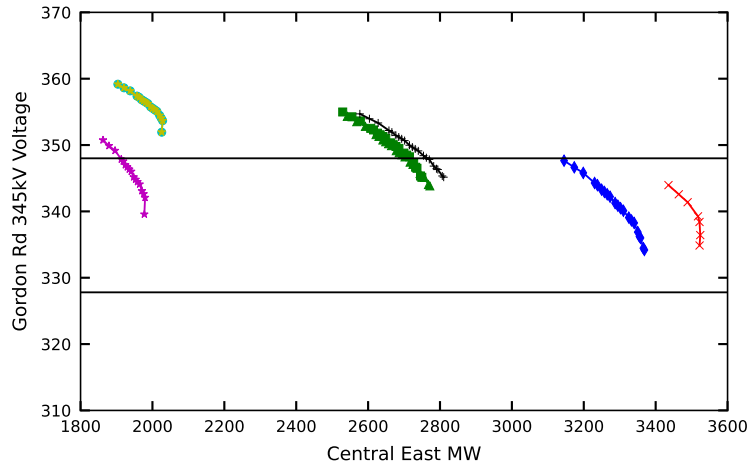
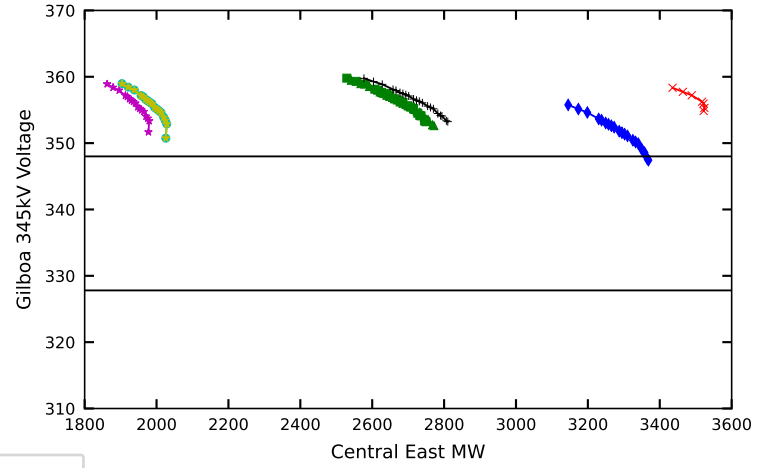
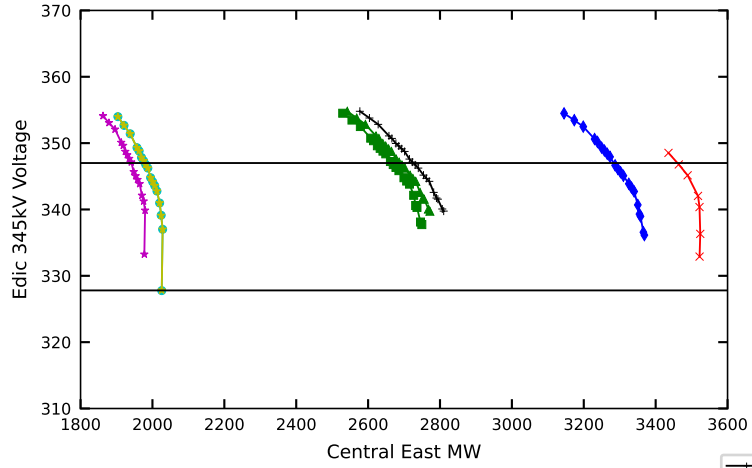
1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S Figure 1



1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S Figure 2

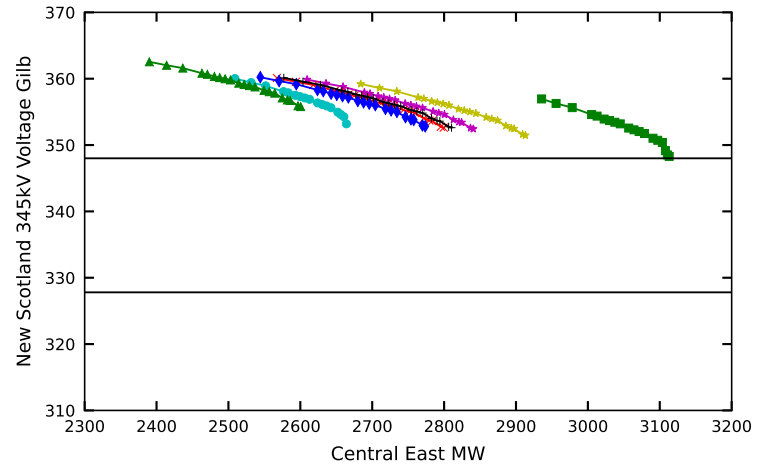
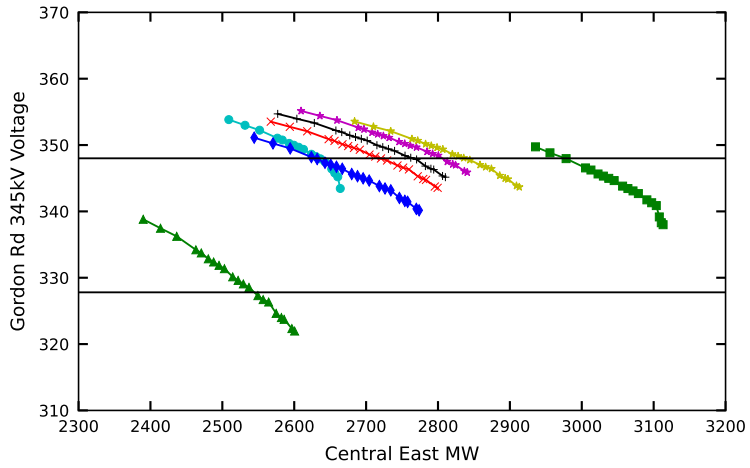
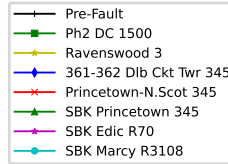
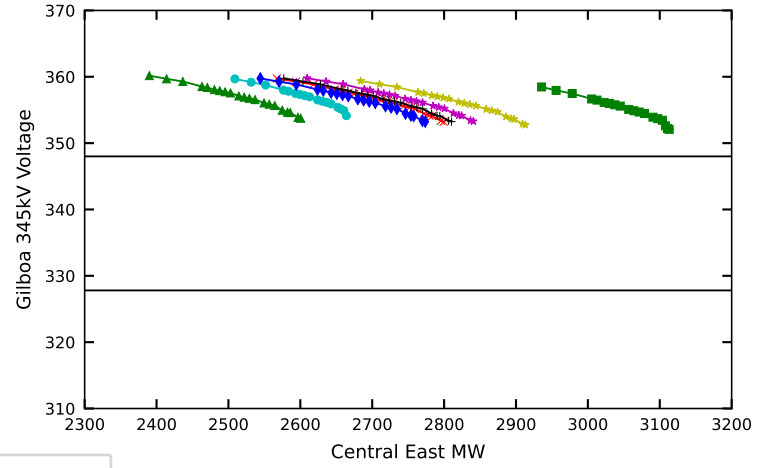
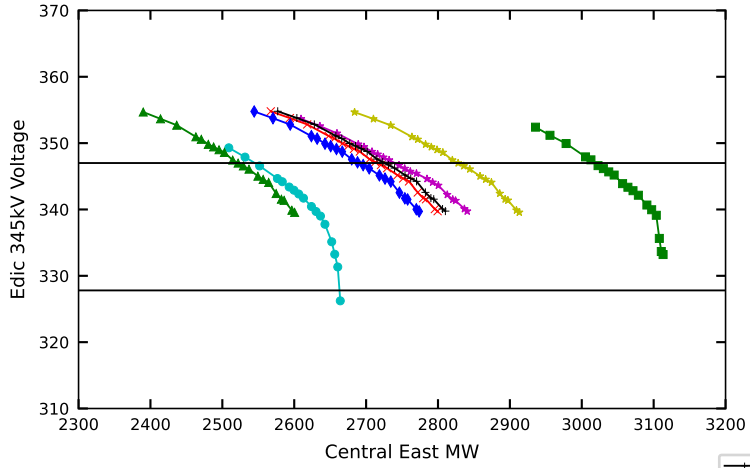


1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S Figure 1



- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S Figure 2



Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\0S\Sum2023_CEVC_PH2_40_0S.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2577	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2603	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2627	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2657	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2666	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2677	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2685	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2693	t8	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2701	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2715	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2723	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2731	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2739	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2754	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2762	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2770	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2782	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2790	t1	0	2	1	0	2	0	2	0	2	0	0	0	0	0	0
	8															
2794	t1	0	2	1	0	2	0	2	0	2	0	0	0	0	0	0
	9															
2806	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	0															
2810	t2	0	2	2	0	2	0	2	0	2	0	0	0	0	0	2
	1															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\4O\0S\Sum2023_CEVC_PH2_4O_0S.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 4O 0S

Interface: Central East

	t	t	t	t	t	t	t	t	t	t1	t1	t1	t1	t1	t1	t1	t1	t1	t1	t2	t2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown -N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\0S\Sum2023_CEVC_PH2_40_0S.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2488 <E	Dunwoodie 345kV Voltage	Pre-Fault	97.9	NA	348	2488
2499 <E	Sprain Brook 345kV Voltage	Pre-Fault	98.1	NA	348	2499
2543	limit with 5% margin	Marcy South N.	NA	NA	NA	3347
2631	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1926
2631	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1880
2631	limit with 5% margin	SBK Edic R945	NA	NA	NA	1926
2643	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2530
2654	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2957
2669	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2633
2669	limit with 5% margin	Marcy South S.	NA	NA	NA	3200
2669	limit with 5% margin	Volney-Marcy	NA	NA	NA	2611
2669	limit with 5% margin	SBK Edic R70	NA	NA	NA	2698
2669	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2470
2669	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2659
2669	limit with 5% margin	361-362 D1b Ckt Twr 345	NA	NA	NA	2635
2669	limit with 5% margin	Ravenswood 3	NA	NA	NA	2767
2700 >E	Edic 345kV Voltage	Marcy South N.	2.8	327.8	348.3	3528
2701 >E	Marcy 345kV Voltage	Marcy South N.	2.8	327.8	348.3	3528
2704 >E	Clay 345kV Voltage	Marcy South N.	2.7	327.8	350.6	3529
2711	Marcy 345kV Voltage	Pre-Fault	11.6	NA	348	2711
2725 >E	Gordon Rd 345kV Voltage	Marcy South N.	5.6	327.8	349.3	3533
2725	Edic 345kV Voltage	Pre-Fault	18.6	NA	347	2725
2739 >E	Pannell Road 345kV Voltage	Marcy South N.	4.5	327.8	348.0	3535
2748	Gordon Rd 345kV Voltage	SBK Princetown 345	11.7	327.8	348.7	2544
2753 >E	Oakdale 345kV Voltage	Marcy South N.	4.4	320	351.3	3538
2757 >E	Station 80 345kV Voltage	Marcy South N.	5.3	327.8	347.1	3539
2764	Gordon Rd 345kV Voltage	Pre-Fault	31.2	NA	348	2764
2778	Edic 345kV Voltage	SBK Marcy R3108	2.4	327.8	343.1	2662
2783	Millwood 345kV Voltage	Pre-Fault	98.3	NA	348	2783
2784 >E	Clay 345kV Voltage	SBK Marcy R3108	2.1	327.8	346.1	2664
2787	Pannell Road 345kV Voltage	Pre-Fault	8.3	NA	346	2787
2787	Station 80 345kV Voltage	Pre-Fault	7.4	NA	346	2787
2796	Clay 345kV Voltage	Pre-Fault	9.9	NA	345	2796
2804 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.9	327.8	342.4	2045
2805 >E	Marcy 345kV Voltage	SBK Edic R945	3.9	327.8	342.3	2045
2805 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	342.3	2046
2806 >E	Edic 345kV Voltage	SBK Edic R945	3.9	327.8	342.3	2046
2815 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.6	327.8	344.0	2673
2815 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.7	327.8	345.5	2051
2816 >E	Clay 345kV Voltage	SBK Edic R945	3.7	327.8	345.4	2051

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2828 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.1	327.8	343.0	2677
2840 >E	Edic 345kV Voltage	Ph2 DC 1500	8.6	327.8	339.5	3142
2840 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.1	327.8	352.1	3555
2840 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.1	327.8	352.1	3555
2841 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	340.3	2014
2842 >E	Marcy 345kV Voltage	Ph2 DC 1500	8.6	327.8	339.4	3144
2846 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	340.1	2017
2847 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.4	320	339.7	2682
2860 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	343.5	2024
2867 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	6.4	327.8	344.5	2077
2868 >E	Pannell Road 345kV Voltage	SBK Edic R945	6.5	327.8	344.5	2077
2872 >E	St.Lawrence 230kV Voltage	Marcy South N.	14.9	218.5	230.5	3561
2877 >E	Clay 345kV Voltage	Ph2 DC 1500	8.7	327.8	342.6	3166
2880 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	5.1	320	345.6	2084
2882 >E	Oakdale 345kV Voltage	SBK Edic R945	5.2	320	345.5	2084
2886 >E	Edic 345kV Voltage	Marcy South S.	9.1	327.8	333.6	3421
2889 >E	Marcy 345kV Voltage	Marcy South S.	9.1	327.8	333.4	3424
2890 >E	Watercure 230kV Voltage	Marcy South N.	10.6	207	230.2	3564
2890 >E	Marcy 345kV Voltage	SBK Marcy R3108	7.3	327.8	327.8	2695
2891 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	5.9	327.8	346.4	2089
2891 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	7.0	327.8	337.9	2695
2892 >E	Fraser 345kV Voltage	SBK Edic R945	5.9	327.8	346.3	2089
2896 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	7.8	327.8	344.3	2092
2898 >E	Station 80 345kV Voltage	SBK Edic R945	7.9	327.8	344.2	2092
2903 >E	Gordon Rd 345kV Voltage	Marcy South S.	14.6	327.8	340.8	3433
2909 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	345.7	2099
2911 >E	Coopers Corners 345kV Voltage	SBK Edic R945	9.2	327.8	345.7	2099
2911 >E	Edic 345kV Voltage	Volney-Marcy	10.2	327.8	331.5	2844
2917 >E	Marcy 345kV Voltage	Volney-Marcy	10.3	327.8	331.1	2850
2918 >E	Somerset 345kV Voltage	Marcy South N.	10.4	327.8	350.1	3569
2918 >E	Clay 345kV Voltage	Volney-Marcy	10.0	327.8	335.4	2851
2926 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	13.0	327.8	342.1	3197
2928 >E	Buchanan North 345kV Voltage	Pre-Fault	136.7	NA	346	2928
2931 >E	Ramapo 500kV Voltage	Ph2 DC 1500	34.8	500	507.1	3201
2932 >E	Clay 345kV Voltage	Marcy South S.	9.8	327.8	334.4	3454
2939 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	10.0	327.8	342.3	2063
2942 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	13.7	218.5	221.9	2709
2942 >E	New Scotland 345kV Voltage Alps	Pre-Fault	28.7	NA	348	2942
2942 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	28.7	NA	348	2942
2943 >E	Edic 345kV Voltage	SBK Edic R70	11.2	327.8	329.0	2971
2953 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	8.3	327.8	343.2	2070

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2954 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	7.8	320	342.7	2070
2954 >E	Edic 345kV Voltage	SBK Princetown 345	12.3	327.8	328.1	2739
2955 >E	Edic 345kV Voltage	Ravenswood 3	12.3	327.8	328.0	3055
2957 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	12.3	327.8	327.9	2919
2957 >E	Edic 345kV Voltage	N.Scot-Leeds 345	12.3	327.8	327.8	2918
2957 >E	Edic 345kV Voltage	Princetown-N.Scot 345	12.4	327.8	327.8	2946
2958 >E	Marcy 345kV Voltage	SBK Edic R70	12.4	327.8	327.8	2985
2958 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	12.4	327.8	327.8	2947
2958 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	12.4	327.8	327.8	2921
2958 >E	Marcy 345kV Voltage	Ravenswood 3	12.4	327.8	327.8	3059
2958 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	12.4	327.8	327.8	2919
2958 >E	Marcy 345kV Voltage	SBK Princetown 345	12.4	327.8	327.8	2743
2959 >E	Somerset 345kV Voltage	SBK Marcy R3108	8.2	327.8	345.8	2714
2962 >E	Fraser 345kV Voltage	Pre-Fault	14.1	NA	338	2962
2968 >E	Gilboa 345kV Voltage	Pre-Fault	30.2	NA	348	2968
2974 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	12.5	327.8	343.5	2080
2976 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	14.2	327.8	341.3	3230
2979 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	14.7	327.8	341.1	2083
2984 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	12.2	327.8	342.0	2085
2993 >E	Fraser 345kV Voltage	SBK Marcy R3108	9.0	327.8	327.8	2724
3000 >E	Clay 345kV Voltage	SBK Edic R70	12.2	327.8	329.2	3026
3008 >E	Clay 345kV Voltage	SBK Princetown 345	12.9	327.8	328.6	2791
3008 >E	Clay 345kV Voltage	Ravenswood 3	12.9	327.8	328.6	3108
3015 >E	Station 80 345kV Voltage	Ph2 DC 1500	16.6	327.8	340.9	3255
3016 >E	Ramapo 500kV Voltage	Ravenswood 3	52.5	500	505.2	3116
3017 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	13.1	327.8	327.9	2979
3017 >E	Clay 345kV Voltage	N.Scot-Leeds 345	13.1	327.8	327.9	2978
3018 >E	Clay 345kV Voltage	Princetown-N.Scot 345	13.1	327.8	327.8	3007
3021 >E	Watercure 230kV Voltage	SBK Marcy R3108	10.7	207	225.9	2732
3025 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	10.7	327.8	325.4	2733
3026 >E	Pannell Road 345kV Voltage	Volney-Marcy	15.5	327.8	333.1	2952
3031 >E	Oakdale 345kV Voltage	Pre-Fault	20.7	NA	335	3031
3033 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	18.0	327.8	334.7	2995
3034 >E	Pannell Road 345kV Voltage	Marcy South S.	15.4	327.8	332.7	3526
3055 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	22.5	218.5	229.5	2173
3059 >E	St.Lawrence 230kV Voltage	SBK Edic R945	22.8	218.5	229.5	2173
3064 >E	Coopers Corners 345kV Voltage	Pre-Fault	26.7	NA	338	3064

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3072 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	11.4	327.8	335.0	2747
3072 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	11.4	327.8	335.0	2747
3073 >E	Ramapo 500kV Voltage	SBK Marcy R3108	33.8	500	500.8	2747
3076 >E	Station 80 345kV Voltage	Volney-Marcy	18.1	327.8	332.4	2999
3085 >E	Station 80 345kV Voltage	Marcy South S.	18.0	327.8	332.0	3561
3093 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	13.9	207	229.0	2192
3098 >E	Watercure 230kV Voltage	SBK Edic R945	14.2	207	229.0	2193
3101 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	18.1	327.8	327.0	2755
3103 >E	Oakdale 345kV Voltage	Ph2 DC 1500	13.9	320	338.1	3311
3104 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	45.3	500	506.5	2197
3105 >E	Pannell Road 345kV Voltage	SBK Edic R70	17.8	327.8	329.0	3129
3106 >E	Fraser 345kV Voltage	Marcy South S.	14.1	327.8	327.8	3576
3106 >E	Fraser 345kV Voltage	SBK Edic R70	14.1	327.8	327.8	3130
3106 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	14.1	327.8	327.8	3094
3106 >E	Fraser 345kV Voltage	Volney-Marcy	14.1	327.8	327.8	3027
3106 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	14.1	327.8	327.8	3067
3106 >E	Fraser 345kV Voltage	SBK Princetown 345	14.1	327.8	327.8	2886
3106 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	14.1	327.8	327.8	3068
3106 >E	Fraser 345kV Voltage	Ravenswood 3	14.1	327.8	327.8	3204
3107 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	18.3	327.8	327.0	2756
3108 >E	Ramapo 500kV Voltage	SBK Edic R945	45.9	500	506.5	2197
3109 >E	Pannell Road 345kV Voltage	Ravenswood 3	18.4	327.8	328.7	3207
3116 >E	Pannell Road 345kV Voltage	SBK Princetown 345	18.7	327.8	328.4	2896
3116 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	19.1	327.8	330.9	3077
3125 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	18.9	327.8	327.9	3086
3126 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	18.9	327.8	327.9	3087
3126 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	20.1	327.8	330.4	3114
3126 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	18.9	327.8	327.8	3115
3130 >E	Rock Tavern 345kV Voltage	Pre-Fault	83.5	NA	348	3130
3133 >E	New Scotland 345kV Voltage Alps	Marcy South S.	19.9	327.8	341.3	3595
3133 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	19.9	327.8	341.3	3595
3136 >E	Gordon Rd 345kV Voltage	Ravenswood 3	20.6	327.8	329.9	3234
3139 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	15.4	327.8	348.9	2215
3145 >E	Gilboa 345kV Voltage	Marcy South N.	17.0	327.8	344.1	3612
3145 >E	Somerset 345kV Voltage	SBK Edic R945	15.6	327.8	348.9	2216
3150 >E	Station 80 345kV Voltage	SBK Edic R70	20.4	327.8	328.9	3173
3151 >E	Gordon Rd 345kV Voltage	Volney-Marcy	19.7	327.8	329.2	3069
3152 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	15.2	327.8	345.5	2221
3152 >E	Station 80 345kV Voltage	Ravenswood 3	20.9	327.8	328.9	3249

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3156 >E	Gilboa 345kV Voltage	SBK Edic R945	15.4	327.8	345.4	2222
3157 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	17.7	327.8	345.2	3346
3157 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	17.7	327.8	345.2	3346
3164 >E	Station 80 345kV Voltage	SBK Princetown 345	21.3	327.8	328.3	2943
3173 >E	Station 80 345kV Voltage	361-362 D1b Ckt Twr 345	21.5	327.8	327.9	3134
3174 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	21.5	327.8	327.9	3135
3174 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	21.5	327.8	327.8	3162
3175 >E	St.Lawrence 230kV Voltage	Pre-Fault	63.5	NA	225	3175
3179 >E	Oakdale 345kV Voltage	Volney-Marcy	16.7	320	327.9	3095
3188 >E	Gordon Rd 345kV Voltage	SBK Edic R70	20.9	327.8	327.5	3210
3194 >E	Gilboa 345kV Voltage	SBK Marcy R3108	15.6	327.8	330.5	2781
3206 >E	Millwood 345kV Voltage	SBK Marcy R3108	20.7	327.8	326.9	2785
3211 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	59.5	500	505.7	2197
3220 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	22.3	327.8	327.2	2789
3221 >E	Niagara 230kV East Voltage	SBK Marcy R3108	30.0	218.5	225.9	2789
3221 >E	Niagara 230kV West Voltage	SBK Marcy R3108	30.0	218.5	225.9	2789
3224 >E	Fraser 345kV Voltage	Marcy South N.	18.6	327.8	327.8	3628
3232 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	34.7	218.5	227.9	2208
3237 >E	Oakdale 345kV Voltage	Marcy South S.	17.4	320	325.0	3668
3238 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	18.1	327.8	326.3	2794
3240 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	41.8	218.5	226.9	3399
3250 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	18.1	327.8	341.4	2271
3250 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	18.1	327.8	341.4	2271
3255 >E	Coopers Corners 345kV Voltage	Ravenswood 3	26.0	327.8	330.8	3350
3255 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	18.3	327.8	341.2	2271
3255 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	18.3	327.8	341.2	2271
3267 >E	Leeds 345kV Voltage	Marcy South N.	19.5	327.8	349.5	3636
3272 >E	Niagara 345kV Voltage	SBK Marcy R3108	17.1	327.8	347.5	2804
3275 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	22.3	327.8	326.8	2805
3287 >E	Gilboa 345kV Voltage	Marcy South S.	24.3	327.8	337.4	3703
3287 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	21.7	207	226.5	2235
3293 >E	Pleasant Valley 345kV Voltage	Pre-Fault	146.3	NA	348	3293
3293 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	20.5	327.8	341.9	2238
3299 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	20.4	327.8	330.9	2296
3300 >E	Oakdale 345kV Voltage	Ravenswood 3	19.8	320	322.0	3395
3300 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	26.4	327.8	329.1	3074
3303 >E	Oakdale 345kV Voltage	SBK Princetown 345	20.2	320	321.9	3077
3305 >E	Gordon Rd 345kV Voltage	SBK Edic R945	20.7	327.8	330.7	2296
3305 >E	Ramapo 500kV Voltage	Marcy South S.	60.9	500	500.6	3716
3311 >E	Coopers Corners 345kV Voltage	SBK Edic R70	26.9	327.8	328.7	3331

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3322 >E	Oakdale 345kV Voltage	SBK Edic R70	19.9	320	321.0	3341
3322 >E	Niagara 345kV Voltage	Marcy South N.	22.1	327.8	352.6	3646
3325 >E	Ramapo 500kV Voltage	Volney-Marcy	61.8	500	500.3	3231
3325 >E	Ramapo 500kV Voltage	SBK Princetown 345	62.7	500	500.3	3098
3326 >E	Coopers Corners 345kV Voltage	Volney-Marcy	25.8	327.8	328.1	3233
3329 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	26.9	327.8	328.0	3290
3335 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	20.6	320	320.3	3295
3336 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	26.8	327.8	327.8	3323
3337 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	20.7	320	320.2	3298
3338 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	27.1	327.8	327.7	3298
3340 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	20.7	320	320.1	3327
3340 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	63.9	500	500.1	3301
3344 >E	Ramapo 500kV Voltage	Pre-Fault	63.2	NA	500	3344
3344 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	28.9	327.8	338.9	3466
3347 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	63.7	500	500.0	3335
3356 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	65.0	500	499.8	3315
3357 >E	Ramapo 500kV Voltage	SBK Edic R70	65.4	500	499.8	3376
3366 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	24.2	327.8	346.0	2274
3369 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	24.2	327.8	333.1	3330
3369 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	24.2	327.8	333.1	3330
3371 >E	Somerset 345kV Voltage	Pre-Fault	40.7	NA	338	3371
3378 >E	Ramapo 500kV Voltage	Marcy South N.	76.4	500	506.0	3657
3392 >E	Buchanan South 345kV Voltage	Pre-Fault	174.8	NA	346	3392
3392 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	25.2	327.8	327.5	2838
3394 >E	St.Lawrence 230kV Voltage	Marcy South S.	48.2	218.5	221.6	3778
3397 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	27.1	327.8	344.9	2346
3404 >E	Rock Tavern 345kV Voltage	SBK Edic R945	27.4	327.8	344.8	2346
3408 >E	Ramapo 345kV Voltage	SBK Marcy R3108	25.8	327.8	327.0	2843
3421 >E	St.Lawrence 230kV Voltage	Volney-Marcy	52.2	218.5	221.1	3321
3421 >E	Somerset 345kV Voltage	Ph2 DC 1500	29.4	327.8	344.7	3515
3428 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	24.4	327.8	336.4	2305
3428 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	24.4	327.8	336.4	2305
3460 >E	Niagara 230kV East Voltage	Marcy South N.	52.7	218.5	231.2	3672
3460 >E	Niagara 230kV West Voltage	Marcy South N.	52.7	218.5	231.2	3672
3462 >E	Ladentown 345kV Voltage	SBK Marcy R3108	26.6	327.8	326.4	2858
3468 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	27.8	327.8	329.7	3560
3468 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	27.8	327.8	329.7	3560
3478 >E	Ramapo 345kV Voltage	Pre-Fault	122.9	NA	346	3478

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\0S\Sum2023_CEVC_PH2_40_0S.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3479 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	26.9	327.8	329.3	3376
3479 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	26.9	327.8	329.3	3376
3487 >E	Roseton 345kV Voltage	SBK Marcy R3108	26.3	327.8	326.8	2865
3494 >E	Pleasant Valley 345kV Voltage	Marcy South N.	34.2	327.8	342.5	3679
3503 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	28.1	327.8	328.4	3518
3503 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	28.1	327.8	328.4	3518
3520 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	28.6	327.8	327.8	3507
3520 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	28.6	327.8	327.8	3507
3523 >E	Fraser 345kV Voltage	Ph2 DC 1500	32.2	327.8	327.8	3581
3524 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	28.8	327.8	329.6	3485
3528 >E	Watercure 230kV Voltage	Ph2 DC 1500	32.2	207	223.2	3584
3542 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	29.3	327.8	327.1	3500
3542 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	29.3	327.8	327.1	3500
3544 >E	St.Lawrence 230kV Voltage	Ravenswood 3	61.6	218.5	219.2	3636
3549 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	28.2	327.8	325.0	2883
3552 >E	Gilboa 345kV Voltage	Ravenswood 3	29.7	327.8	328.6	3643
3562 >E	Gilboa 345kV Voltage	Volney-Marcy	29.6	327.8	328.3	3454
3564 >E	Gardenville 230kV Voltage	SBK Marcy R3108	30.0	207	224.2	2887
3570 >E	Gardenville 230kV Voltage	Marcy South N.	35.0	207	229.5	3693
3570 >E	Gilboa 345kV Voltage	Ph2 DC 1500	32.0	327.8	340.1	3611
3576 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	30.1	327.8	327.8	3563
3577 >E	Gilboa 345kV Voltage	SBK Edic R70	30.1	327.8	327.8	3590
3579 >E	Leeds 345kV Voltage	SBK Marcy R3108	26.3	327.8	327.8	2892
3580 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	30.3	327.8	327.7	3538
3588 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	63.5	218.5	218.5	3575
3590 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	29.3	327.8	326.4	2895
3590 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	63.5	218.5	218.5	3548
3590 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	63.5	218.5	218.5	3550
3597 >E	Leeds 345kV Voltage	Pre-Fault	63.2	NA	345	3597
3599 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	63.8	218.5	218.3	3362
3605 >E	Somerset 345kV Voltage	Volney-Marcy	34.7	327.8	332.3	3494
3611 >E	Somerset 345kV Voltage	Marcy South S.	34.7	327.8	332.1	3930
3613 >E	Gilboa 345kV Voltage	SBK Princetown 345	31.0	327.8	326.6	3376
3622 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	36.3	327.8	342.0	2401
3643 >E	St.Lawrence 230kV Voltage	SBK Edic R70	67.3	218.5	217.6	3655
3687 >E	Ladentown 345kV Voltage	Pre-Fault	129.8	NA	346	3687
3723 >E	Somerset 345kV Voltage	Ravenswood 3	39.0	327.8	329.4	3811

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3725 >E	Somerset 345kV Voltage	SBK Edic R70	38.5	327.8	329.3	3735
3738 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	33.1	327.8	320.2	3497
3738 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	33.1	327.8	320.2	3497
3751 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	51.2	327.8	340.2	2525
3759 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	33.4	327.8	352.7	2529
3759 >E	Buchanan North 345kV Voltage	SBK Edic R945	51.6	327.8	340.2	2524
3774 >E	Niagara 345kV Voltage	SBK Edic R945	33.9	327.8	352.6	2532
3774 >E	Somerset 345kV Voltage	SBK Princetown 345	40.5	327.8	328.1	3532
3785 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	40.7	327.8	327.8	3742
3786 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	40.8	327.8	327.8	3746
3786 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	40.7	327.8	327.8	3772
3807 >E	Watercure 230kV Voltage	Pre-Fault	57.0	NA	215	3807
3810 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	44.6	327.8	344.1	2555
3819 >E	Ramapo 345kV Voltage	SBK Edic R945	45.0	327.8	344.0	2554
3864 >E	Coopers Corners 345kV Voltage	Marcy South N.	34.8	327.8	304.9	3749
3899 >E	Watercure 230kV Voltage	Volney-Marcy	45.1	207	213.4	3770
3936 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	46.8	327.8	345.3	2619
3946 >E	Ladentown 345kV Voltage	SBK Edic R945	47.3	327.8	345.2	2618
3978 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	80.0	218.5	231.2	2640
3978 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	80.0	218.5	231.2	2640
3987 >E	Leeds 345kV Voltage	Marcy South S.	45.0	327.8	338.8	4195
3997 >E	Niagara 230kV East Voltage	SBK Edic R945	81.2	218.5	231.2	2643
3997 >E	Niagara 230kV West Voltage	SBK Edic R945	81.2	218.5	231.2	2643
4003 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	46.6	327.8	347.2	2653
4006 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	55.9	327.8	341.1	2655
4009 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	66.6	327.8	343.7	3893
4014 >E	Bowline 1 345kV Voltage	SBK Edic R945	47.0	327.8	347.1	2652
4016 >E	Buchanan South 345kV Voltage	SBK Edic R945	56.3	327.8	341.0	2653
4019 >E	Leeds 345kV Voltage	Ph2 DC 1500	40.8	327.8	346.4	3899
4022 >E	Bowline 1 345kV Voltage	Pre-Fault	129.4	NA	345	4022
4025 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	46.6	327.8	347.5	2664
4036 >E	Bowline 2 345kV Voltage	SBK Edic R945	47.0	327.8	347.4	2663
4042 >E	Millwood 345kV Voltage	Marcy South N.	63.2	327.8	337.1	3783
4060 >E	Watercure 230kV Voltage	Marcy South S.	49.3	207	210.6	4245
4062 >E	Roseton 345kV Voltage	Pre-Fault	141.6	NA	345	4062
4070 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	62.5	327.8	338.9	2687
4071 >E	Roseton 345kV Voltage	Marcy South N.	49.6	327.8	339.5	3788
4075 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	67.4	327.8	337.7	2625
4079 >E	Millwood 345kV Voltage	SBK Edic R945	62.9	327.8	338.8	2685
4081 >E	Bowline 2 345kV Voltage	Pre-Fault	129.3	NA	345	4081

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4095 >E	Dunwoodie 345kV Voltage	Marcy South N.	75.4	327.8	335.2	3793
4104 >E	Sprain Brook 345kV Voltage	Marcy South N.	75.3	327.8	335.3	3795
4127 >E	Watercure 230kV Voltage	Ravenswood 3	52.9	207	209.4	4209
4139 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	75.3	327.8	337.1	2722
4140 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	52.1	207	228.7	2723
4149 >E	Sprain Brook 345kV Voltage	SBK Edic R945	75.9	327.8	337.1	2720
4155 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	76.6	327.8	337.0	2730
4162 >E	Gardenville 230kV Voltage	SBK Edic R945	52.9	207	228.6	2726
4164 >E	Dunwoodie 345kV Voltage	SBK Edic R945	77.1	327.8	336.9	2728
4177 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	59.8	327.8	341.2	2676
4190 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	53.4	327.8	341.5	2747
4194 >E	Watercure 230kV Voltage	SBK Edic R70	54.4	207	208.2	4194
4199 >E	Watercure 230kV Voltage	SBK Princetown 345	55.4	207	208.1	3942
4201 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	59.7	327.8	348.3	4015
4201 >E	Roseton 345kV Voltage	SBK Edic R945	53.8	327.8	341.4	2746
4250 >E	Ramapo 345kV Voltage	Ph2 DC 1500	64.0	327.8	347.2	4047
4250 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	60.9	327.8	345.9	4047
4250 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	59.0	327.8	336.0	2778
4252 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	56.8	207	207.2	4206
4257 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	56.9	207	207.1	4216
4258 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	59.3	327.8	335.9	2775
4259 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	56.9	207	207.1	4243
4270 >E	Niagara 345kV Voltage	Ph2 DC 1500	53.9	327.8	347.8	4060
4284 >E	Buchanan South 345kV Voltage	Marcy South N.	68.3	327.8	337.2	3829
4311 >E	Buchanan North 345kV Voltage	Marcy South N.	75.6	327.8	335.0	3834
4331 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	72.2	327.8	347.6	4099
4341 >E	Niagara 230kV East Voltage	Ph2 DC 1500	109.2	218.5	229.5	4105
4341 >E	Niagara 230kV West Voltage	Ph2 DC 1500	109.2	218.5	229.5	4105
4346 >E	Ladentown 345kV Voltage	Ph2 DC 1500	64.3	327.8	348.9	4109
4346 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	52.8	327.8	349.3	2760
4370 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	63.7	327.8	342.2	2771
4381 >E	Niagara 345kV Voltage	Pre-Fault	83.5	NA	338	4381
4402 >E	Buchanan North 345kV Voltage	Ravenswood 3	114.7	327.8	335.2	4480
4405 >E	Millwood 345kV Voltage	Ph2 DC 1500	80.6	327.8	347.4	4147
4414 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	73.6	327.8	338.1	2793
4421 >E	Rock Tavern 345kV Voltage	Ravenswood 3	76.9	327.8	332.5	4499
4431 >E	Rock Tavern 345kV Voltage	Marcy South N.	58.8	327.8	326.5	3857
4450 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	64.3	327.8	350.3	4175
4462 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	63.4	327.8	344.2	2817
4468 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	80.8	327.8	335.9	2820

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4476 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	64.1	327.8	351.1	4192
4524 >E	Niagara 230kV East Voltage	Pre-Fault	202.9	NA	225	4524
4524 >E	Niagara 230kV West Voltage	Pre-Fault	202.9	NA	225	4524
4547 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	96.7	327.8	334.5	2859
4550 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	100.6	327.8	345.7	4239
4552 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	65.6	327.8	344.1	2861
4564 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	98.0	327.8	334.4	2868
4577 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	71.3	327.8	332.4	2874
4577 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	67.4	327.8	337.8	2874
4582 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	102.9	327.8	345.8	4260
4676 >E	Rainey 345kV Voltage	SBK Marcy R3108	70.5	327.8	326.7	3206
4685 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	63.2	327.8	327.8	4643
4685 >E	Leeds 345kV Voltage	Volney-Marcy	63.2	327.8	327.8	4505
4685 >E	Leeds 345kV Voltage	SBK Edic R70	63.2	327.8	327.8	4674
4685 >E	Leeds 345kV Voltage	SBK Princetown 345	63.2	327.8	327.8	4412
4685 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	63.2	327.8	327.8	4668
4685 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	63.2	327.8	327.8	4635
4685 >E	Leeds 345kV Voltage	Ravenswood 3	63.2	327.8	327.8	4758
4686 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	125.9	218.5	229.5	2928
4686 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	125.9	218.5	229.5	2928
4740 >E	Farragut 345kV Voltage	SBK Marcy R3108	74.3	327.8	326.7	3224
4745 >E	Roseton 345kV Voltage	Ph2 DC 1500	74.7	327.8	349.2	4365
4819 >E	Ramapo 345kV Voltage	Ravenswood 3	102.9	327.8	335.1	4890
4833 >E	Ramapo 345kV Voltage	Marcy South N.	81.4	327.8	335.1	3933
4857 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	85.2	327.8	327.3	4839
4862 >E	Niagara 345kV Voltage	Volney-Marcy	71.8	327.8	332.2	4671
4873 >E	Rock Tavern 345kV Voltage	Volney-Marcy	85.0	327.8	327.1	4681
4875 >E	Niagara 345kV Voltage	Marcy South S.	72.2	327.8	332.1	4818
4883 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	79.7	207	225.7	3025
4884 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	87.2	327.8	327.0	4604
4892 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	68.9	327.8	327.8	3030
4893 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	68.9	327.8	327.8	3104
4893 >E	Leeds 345kV Voltage	SBK Edic R945	68.9	327.8	327.8	3093
4898 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	87.5	327.8	326.8	4855
4942 >E	Rock Tavern 345kV Voltage	SBK Edic R70	90.1	327.8	326.3	4926
4974 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	90.3	327.8	325.9	4922
4977 >E	Ladentown 345kV Voltage	Marcy South N.	84.1	327.8	336.8	3960
5027 >E	Ladentown 345kV Voltage	Ravenswood 3	108.7	327.8	335.7	5095
5079 >E	Niagara 345kV Voltage	Ravenswood 3	79.3	327.8	329.6	5145

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5094 >E	Niagara 345kV Voltage	SBK Edic R70	79.2	327.8	329.5	5074
5192 >E	Bowline 1 345kV Voltage	Ravenswood 3	108.3	327.8	336.0	5258
5193 >E	Buchanan South 345kV Voltage	Ravenswood 3	146.9	327.8	335.7	5258
5217 >E	Niagara 345kV Voltage	SBK Princetown 345	83.2	327.8	328.0	4925
5230 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	83.5	327.8	327.8	5177
5231 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	83.5	327.8	327.8	5212
5233 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	83.6	327.8	327.8	5191
5240 >E	Bowline 2 345kV Voltage	Ravenswood 3	108.2	327.8	336.0	5305
5346 >E	Bowline 1 345kV Voltage	Marcy South N.	92.6	327.8	337.5	4031
5374 >E	Bowline 2 345kV Voltage	Marcy South N.	92.2	327.8	337.7	4036
5380 >E	Goethals 345kV Voltage	SBK Marcy R3108	100.2	327.8	326.7	3407
5383 >E	Niagara 230kV East Voltage	Volney-Marcy	174.2	218.5	220.8	5159
5383 >E	Niagara 230kV West Voltage	Volney-Marcy	174.2	218.5	220.8	5159
5401 >E	Niagara 230kV East Voltage	Marcy South S.	175.6	218.5	220.7	5187
5401 >E	Niagara 230kV West Voltage	Marcy South S.	175.6	218.5	220.7	5187
5468 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	139.5	327.8	327.4	5448
5475 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	140.7	327.8	327.4	5432
5549 >E	Buchanan North 345kV Voltage	SBK Princetown 345	143.2	327.8	326.8	5246
5557 >E	Millwood 345kV Voltage	Ravenswood 3	192.8	327.8	335.6	5616
5598 >E	Buchanan North 345kV Voltage	Volney-Marcy	145.1	327.8	326.5	5360
5626 >E	Buchanan North 345kV Voltage	SBK Edic R70	149.0	327.8	326.3	5594
5636 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	148.3	327.8	326.2	5579
5643 >E	Niagara 230kV East Voltage	Ravenswood 3	191.9	218.5	219.5	5701
5643 >E	Niagara 230kV West Voltage	Ravenswood 3	191.9	218.5	219.5	5701
5666 >E	Gardenville 230kV Voltage	Ph2 DC 1500	109.0	207	228.4	4956
5675 >E	Niagara 230kV East Voltage	SBK Edic R70	192.6	218.5	219.3	5642
5675 >E	Niagara 230kV West Voltage	SBK Edic R70	192.6	218.5	219.3	5642
5704 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	140.5	327.8	331.5	5761
5758 >E	Sprain Brook 345kV Voltage	Ravenswood 3	267.4	327.8	335.7	5815
5790 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	126.1	327.8	327.2	5769
5797 >E	Pleasant Valley 345kV Voltage	Marcy South S.	146.4	327.8	330.9	5465
5824 >E	Niagara 230kV East Voltage	SBK Princetown 345	202.3	218.5	218.6	5512
5824 >E	Niagara 230kV West Voltage	SBK Princetown 345	202.3	218.5	218.6	5512
5842 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	202.9	218.5	218.5	5822
5842 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	202.9	218.5	218.5	5822
5844 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	203.1	218.5	218.5	5786
5844 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	203.1	218.5	218.5	5786

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\0S\Sum2023_CEVC_PH2_40_0S.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5844 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	203.1	218.5	218.5	5800
5844 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	203.1	218.5	218.5	5800
5850 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	129.3	327.8	326.7	5806
5874 >E	Ramapo 345kV Voltage	SBK Princetown 345	129.8	327.8	326.5	5560
5885 >E	Dunwoodie 345kV Voltage	Ravenswood 3	282.0	327.8	335.7	5939
5930 >E	Roseton 345kV Voltage	Ravenswood 3	133.0	327.8	331.8	5984
5944 >E	Ramapo 345kV Voltage	Volney-Marcy	131.8	327.8	325.9	5685
5983 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	136.2	327.8	329.6	5939
5998 >E	Ramapo 345kV Voltage	SBK Edic R70	135.9	327.8	325.5	5958
6001 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	135.1	327.8	325.5	5942
6125 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	132.9	327.8	327.2	6103
6168 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	135.2	327.8	326.9	6124
6205 >E	Gardenville 230kV Voltage	Pre-Fault	200.4	NA	217	6205
6233 >E	Ladentown 345kV Voltage	SBK Princetown 345	137.0	327.8	326.4	5907
6273 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	147.3	327.8	327.6	6251
6321 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	148.1	327.8	327.3	6038
6324 >E	Ladentown 345kV Voltage	Volney-Marcy	139.9	327.8	325.7	6041
6328 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	132.5	327.8	327.2	6305
6331 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	150.3	327.8	327.2	6284
6350 >E	Ladentown 345kV Voltage	SBK Edic R70	142.9	327.8	325.5	6303
6366 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	142.5	327.8	325.4	6305
6382 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	135.1	327.8	326.8	6337
6386 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	132.3	327.8	327.2	6364
6405 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	152.5	327.8	326.7	6344
6445 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	135.1	327.8	326.7	6400
6445 >E	Bowline 1 345kV Voltage	SBK Princetown 345	136.7	327.8	326.3	6113
6451 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	140.2	327.8	328.1	6407
6509 >E	Bowline 2 345kV Voltage	SBK Princetown 345	136.7	327.8	326.2	6175
6543 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	143.3	327.8	327.5	6520
6557 >E	Bowline 1 345kV Voltage	Volney-Marcy	140.2	327.8	325.4	6259
6583 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	142.1	327.8	325.2	6520
6584 >E	Bowline 1 345kV Voltage	SBK Edic R70	143.0	327.8	325.2	6532
6597 >E	Roseton 345kV Voltage	Volney-Marcy	144.5	327.8	327.1	6297
6599 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	176.9	327.8	327.7	6554
6614 >E	Bowline 2 345kV Voltage	Volney-Marcy	139.9	327.8	325.4	6313
6631 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	158.3	327.8	325.2	6292
6643 >E	Bowline 2 345kV Voltage	SBK Edic R70	142.7	327.8	325.2	6589

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6645 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	141.9	327.8	325.2	6582
6656 >E	Buchanan South 345kV Voltage	Princeton-N.Scot 345	178.6	327.8	327.3	6633
6666 >E	Roseton 345kV Voltage	SBK Princetown 345	146.9	327.8	326.6	6326
6669 >E	Roseton 345kV Voltage	SBK Edic R70	149.0	327.8	326.6	6614
6706 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	149.5	327.8	326.3	6642
6858 >E	Buchanan South 345kV Voltage	SBK Princetown 345	186.1	327.8	326.2	6511
6886 >E	Buchanan South 345kV Voltage	Volney-Marcy	187.7	327.8	326.0	6567
6927 >E	Buchanan South 345kV Voltage	SBK Edic R70	192.5	327.8	325.8	6867
6952 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	192.2	327.8	325.6	6887
7094 >E	Gardenville 230kV Voltage	Volney-Marcy	161.0	207	212.6	6763
7153 >E	Gardenville 230kV Voltage	Marcy South S.	165.6	207	212.3	6416
7252 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	225.0	327.8	328.1	7206
7422 >E	Millwood 345kV Voltage	Princeton-N.Scot 345	232.3	327.8	327.4	7396
7742 >E	Millwood 345kV Voltage	Volney-Marcy	246.0	327.8	326.0	7370
7744 >E	Gardenville 230kV Voltage	Ravenswood 3	183.8	207	209.3	7769
7753 >E	Millwood 345kV Voltage	SBK Princetown 345	245.1	327.8	325.9	7376
7777 >E	Millwood 345kV Voltage	SBK Edic R70	251.8	327.8	325.8	7698
7807 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	251.3	327.8	325.7	7735
7839 >E	Gardenville 230kV Voltage	SBK Edic R70	187.0	207	208.8	7759
8088 >E	Gardenville 230kV Voltage	SBK Princetown 345	197.2	207	207.6	7699
8190 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	199.9	207	207.1	8116
8198 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	200.2	207	207.1	8150
8199 >E	Gardenville 230kV Voltage	Princeton-N.Scot 345	200.1	207	207.1	8170
8209 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	316.5	327.8	328.0	8161
8422 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	331.2	327.8	328.2	8373
8457 >E	Sprain Brook 345kV Voltage	Princeton-N.Scot 345	329.5	327.8	327.3	8427
8721 >E	Dunwoodie 345kV Voltage	Princeton-N.Scot 345	347.2	327.8	327.3	8691
8736 >E	Buchanan North 345kV Voltage	Marcy South S.	279.5	327.8	303.5	7528
8909 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	350.0	327.8	325.9	8492
8956 >E	Sprain Brook 345kV Voltage	Volney-Marcy	354.8	327.8	325.7	8507
9004 >E	Sprain Brook 345kV Voltage	SBK Edic R70	363.8	327.8	325.6	8898
9021 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	361.8	327.8	325.5	8941
9155 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	236.6	327.8	341.7	5264
9195 >E	Rainey 345kV Voltage	SBK Edic R945	238.1	327.8	341.6	5251
9227 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	244.2	327.8	341.4	5300

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
9237 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	371.1	327.8	325.8	8810
9272 >E	Dunwoodie 345kV Voltage	Volney-Marcy	375.4	327.8	325.7	8803
9275 >E	Farragut 345kV Voltage	SBK Edic R945	246.0	327.8	341.3	5291
9312 >E	Dunwoodie 345kV Voltage	SBK Edic R70	384.4	327.8	325.5	9199
9327 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	382.1	327.8	325.5	9245
9399 >E	Rainey 345kV Voltage	Marcy South N.	246.9	327.8	339.0	4800
9498 >E	Farragut 345kV Voltage	Marcy South N.	255.7	327.8	338.8	4819
9961 >E	Ramapo 345kV Voltage	Marcy South S.	269.1	327.8	293.2	8387
10133 >E	Farragut 345kV Voltage	Ph2 DC 1500	280.2	327.8	355.3	7822
10155 >E	Rainey 345kV Voltage	Ph2 DC 1500	275.3	327.8	355.9	7836
10162 >E	Roseton 345kV Voltage	Marcy South S.	279.5	327.8	301.9	8529
10943 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	302.1	327.8	338.0	6026
11042 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	312.1	327.8	337.8	6074
11417 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	332.3	327.8	341.4	6410
11461 >E	Goethals 345kV Voltage	SBK Edic R945	334.0	327.8	341.4	6388
11461 >E	Ladentown 345kV Voltage	Marcy South S.	318.9	327.8	286.1	9440
11849 >E	Goethals 345kV Voltage	Marcy South N.	350.2	327.8	338.4	5266
12011 >E	Goethals 345kV Voltage	Ph2 DC 1500	356.9	327.8	356.2	9027
12889 >E	Buchanan South 345kV Voltage	Marcy South S.	451.6	327.8	291.7	10442
12942 >E	Bowline 1 345kV Voltage	Marcy South S.	353.8	327.8	276.1	10480
13033 >E	Bowline 2 345kV Voltage	Marcy South S.	351.9	327.8	275.8	10544
13820 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	423.9	327.8	338.0	7450
15985 >E	Millwood 345kV Voltage	Marcy South S.	662.3	327.8	289.7	12616
16341 >E	Rainey 345kV Voltage	Ravenswood 3	652.3	327.8	342.3	16230

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
16747 >E	Farragut 345kV Voltage	Ravenswood 3	669.2	327.8	341.9	16630
20869 >E	Goethals 345kV Voltage	Ravenswood 3	822.6	327.8	344.7	20686
21161 >E	Rainey 345kV Voltage	Pre-Fault	1113.4	NA	338	21161
21208 >E	Farragut 345kV Voltage	Pre-Fault	1153.1	NA	338	21208
21335 >E	Rock Tavern 345kV Voltage	Marcy South S.	603.5	327.8	130.1	16371
24501 >E	Northport 138kV Voltage	Ph2 DC 1500	1703.4	131.1	147.6	17042
26917 >E	Northport 138kV Voltage	Marcy South N.	1905.3	131.1	135.4	8127
29832 >E	Sprain Brook 345kV Voltage	Marcy South S.	1556.0	327.8	260.4	22335
30262 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	2164.1	131.1	137.9	15960
30487 >E	Northport 138kV Voltage	SBK Edic R945	2181.8	131.1	137.8	15933
30853 >E	Coopers Corners 345kV Voltage	Marcy South S.	694.4	327.8	-704.1	23051
31990 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	1094.5	327.8	328.3	31900
32159 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	1123.0	327.8	328.5	32069
33581 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	1153.1	327.8	326.8	33468
33803 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	1184.9	327.8	327.1	33689
34292 >E	Goethals 345kV Voltage	Pre-Fault	2018.0	NA	338	34292
34836 >E	Rainey 345kV Voltage	SBK Princetown 345	1195.8	327.8	325.7	33542
35022 >E	Dunwoodie 345kV Voltage	Marcy South S.	1871.7	327.8	249.3	25978
35097 >E	Farragut 345kV Voltage	SBK Princetown 345	1230.0	327.8	326.0	33795
35366 >E	Farragut 345kV Voltage	Volney-Marcy	1241.8	327.8	325.7	33247
35398	Rainey 345kV Voltage	Volney-Marcy	1218.4	327.8	325.2	33277

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
36945	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	1278.7	327.8	323.8	36670
>E						
37227	Rainey 345kV Voltage	SBK Edic R70	1291.5	327.8	323.6	36501
>E						
37294	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	1317.9	327.8	324.1	37017
>E						
37590	Farragut 345kV Voltage	SBK Edic R70	1331.4	327.8	323.8	36855
>E						
38015	Northport 138kV Voltage	Marcy-N.Scot99 345	2772.7	131.1	136.2	19428
>E						
52515	Goethals 345kV Voltage	N.Scot-Leeds 345	1927.6	327.8	329.0	52389
>E						
56559	Goethals 345kV Voltage	Princetown-N.Scot 345	2083.1	327.8	327.0	56369
>E						
57591	Goethals 345kV Voltage	SBK Princetown 345	2117.2	327.8	326.5	55528
>E						
59393	Goethals 345kV Voltage	Volney-Marcy	2189.0	327.8	325.6	55755
>E						
64540	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	2391.7	327.8	323.0	64072
>E						
66829	Goethals 345kV Voltage	SBK Edic R70	2483.6	327.8	321.9	65452
>E						
99998	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

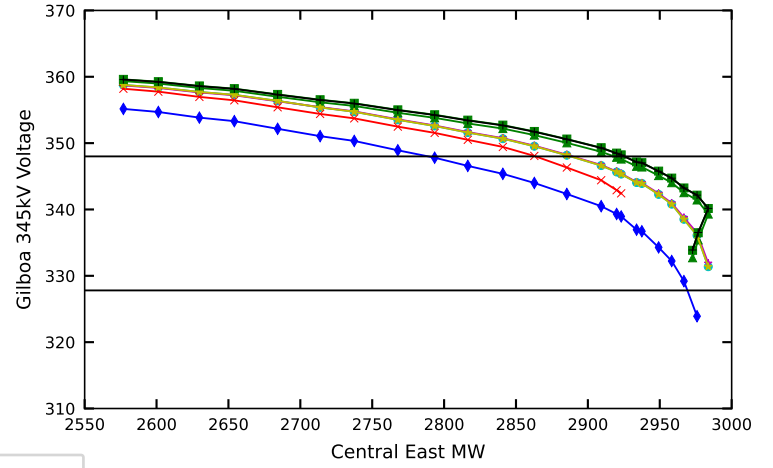
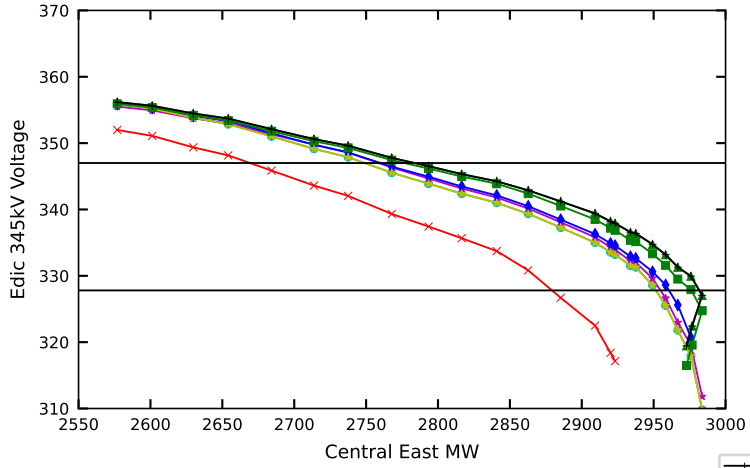
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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 0S

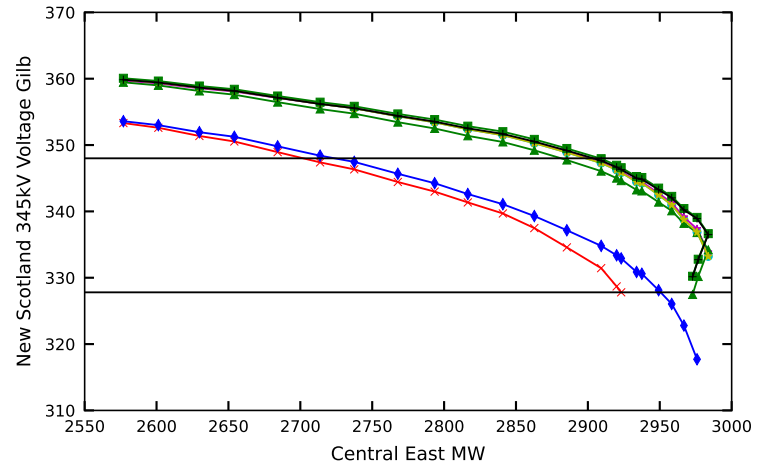
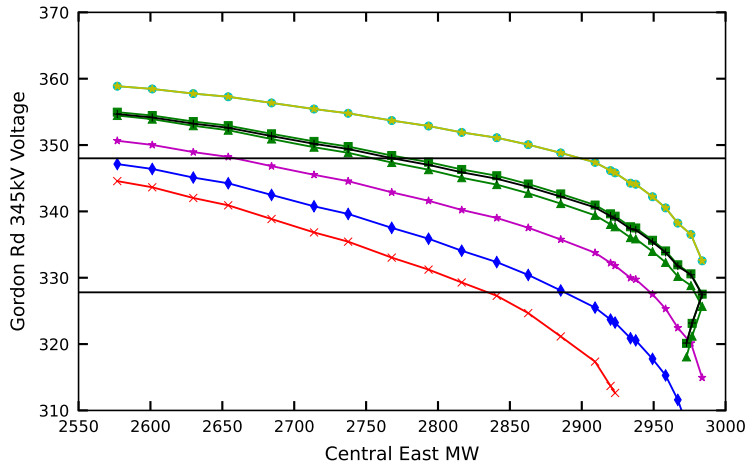
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99999 >E	Farragut 345kV Voltage	Marcy South S.	NA	327.8	NA	99999
99999 >E	Goethals 345kV Voltage	Marcy South S.	NA	327.8	NA	99999
99999 >E	Rainey 345kV Voltage	Marcy South S.	NA	327.8	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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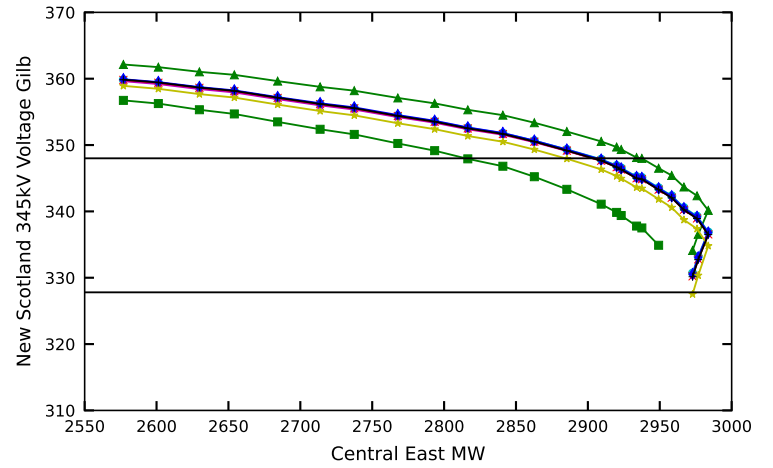
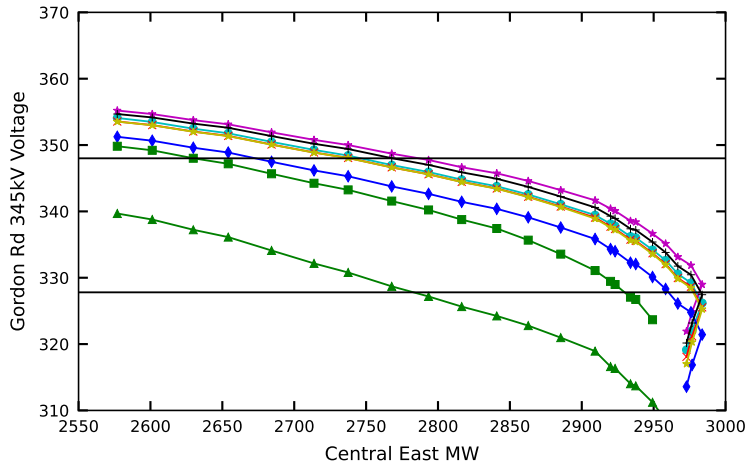
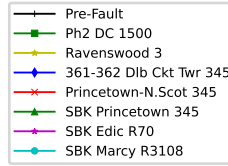
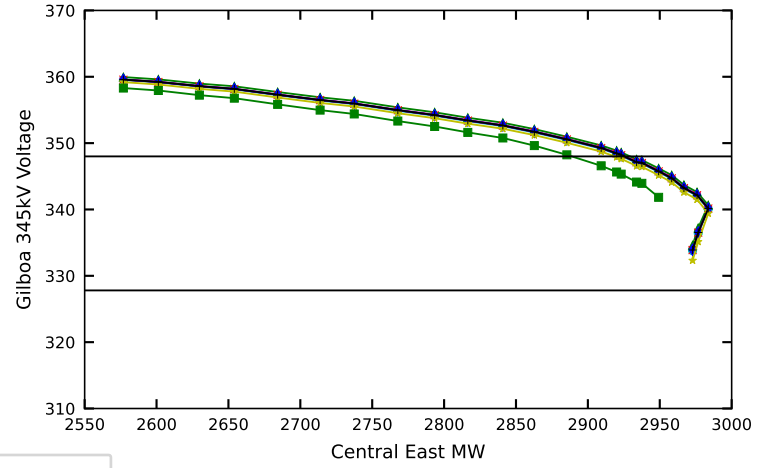
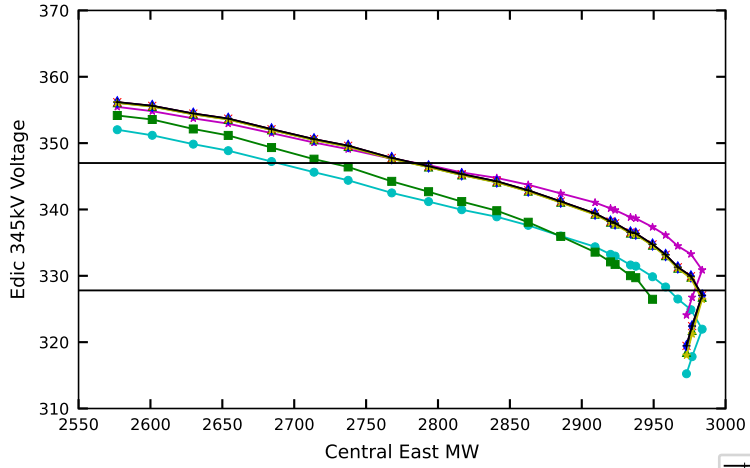
1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A Figure 1



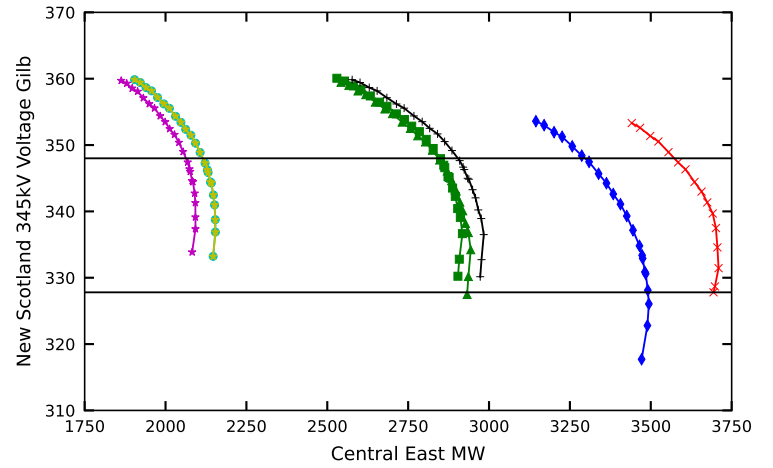
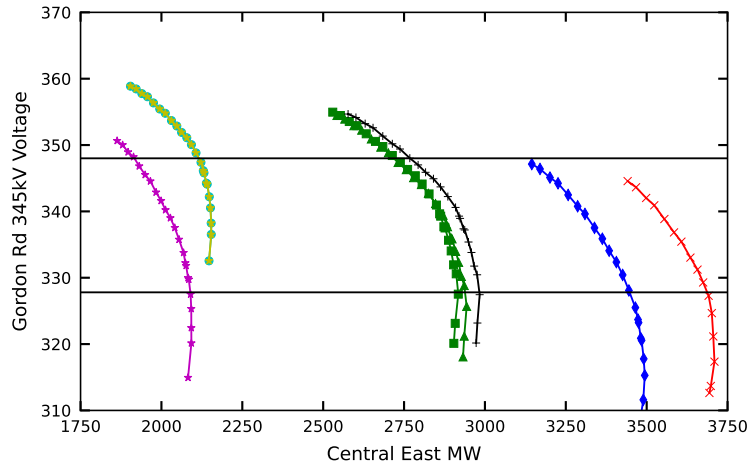
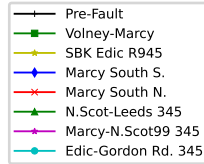
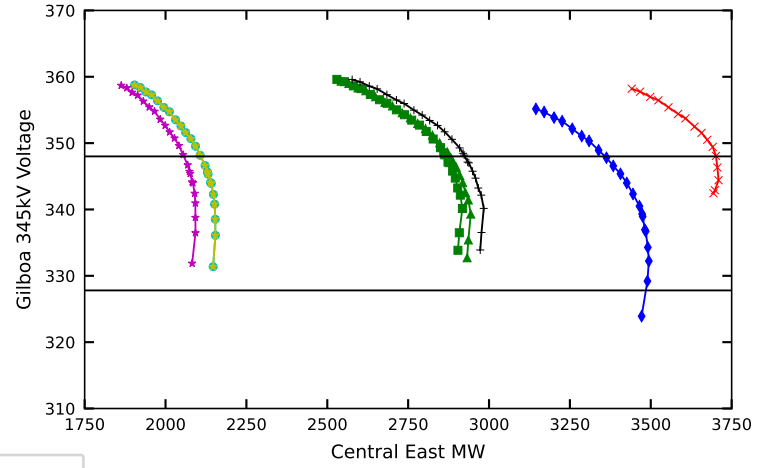
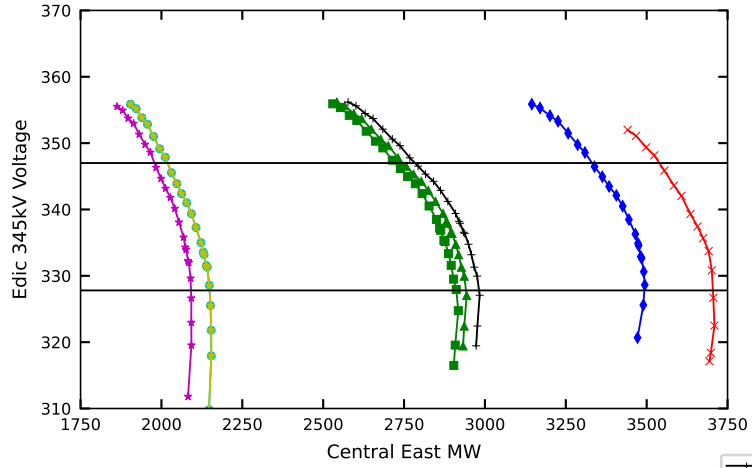
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



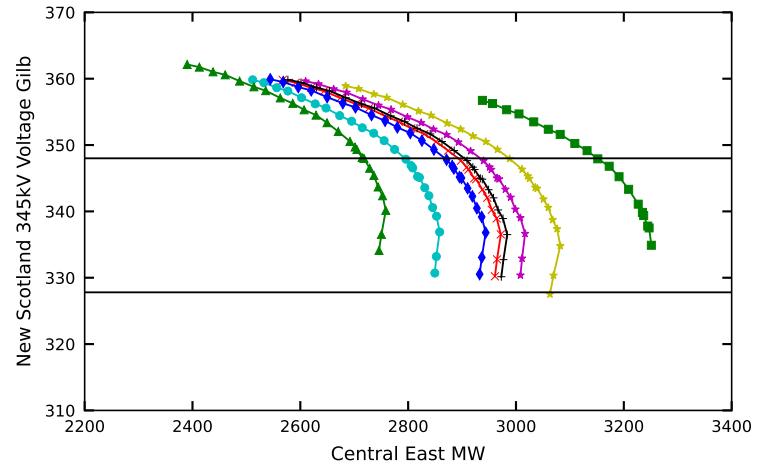
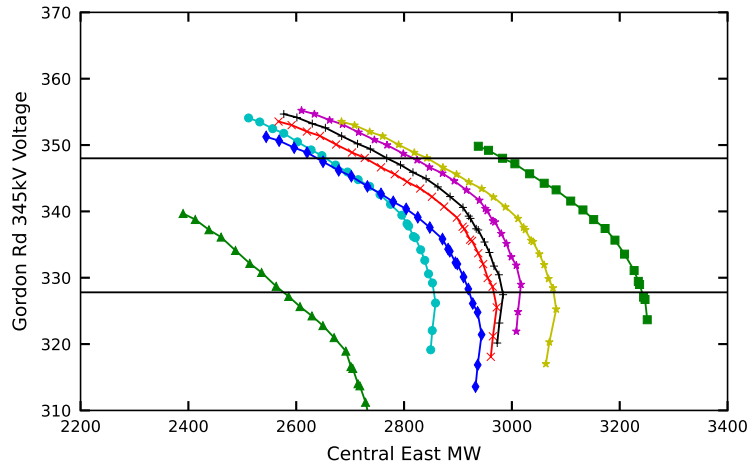
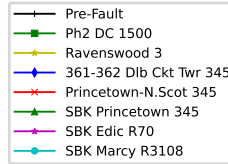
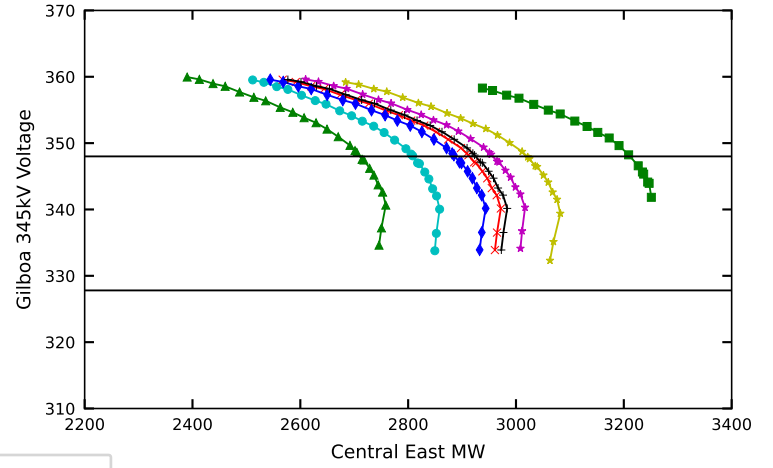
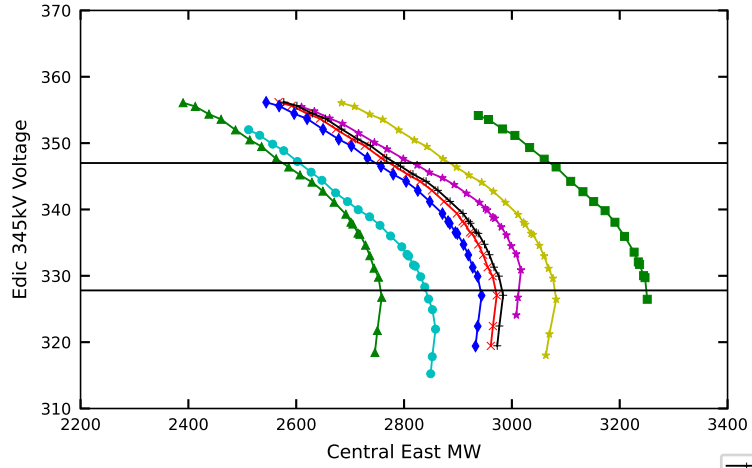
1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A Figure 2



1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A Figure 1



1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A Figure 2



Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\1A\Sum2023_CEVC_PH2_40_1A.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2576	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2601	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2629	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2654	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2684	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2713	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2737	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2767	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2793	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2816	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2840	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2862	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2885	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2909	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2920	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
2923	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
2933	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2937	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2949	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2958	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	0															
2966	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	1															
2975	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	2															
2983	t2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2
	3															
2976	t2	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	4															
2972	t2	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\4O\1A\Sum2023_CEVC_PH2_4O_1A.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 4O 1A

Interface: Central East

Twr 345																							
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens wood 3																							
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	
Ph2 DC 1500																							

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\1A\Sum2023_CEVC_PH2_40_1A.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2469 <E	Dunwoodie 345kV Voltage	Pre-Fault	103.4	NA	348	2469
2480 <E	Sprain Brook 345kV Voltage	Pre-Fault	103.7	NA	348	2480
2763	Millwood 345kV Voltage	Pre-Fault	66.3	NA	348	2763
2763	limit with 5% margin	Marcy South N.	NA	NA	NA	3524
2764	Marcy 345kV Voltage	Pre-Fault	16.3	NA	348	2764
2768	Gordon Rd 345kV Voltage	Pre-Fault	25.2	NA	348	2768
2782	Gordon Rd 345kV Voltage	SBK Princetown 345	16.8	327.8	347.4	2576
2783	Edic 345kV Voltage	Pre-Fault	20.4	NA	347	2783
2801	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3088
2810	limit with 5% margin	Marcy South S.	NA	NA	NA	3319
2827	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2046
2827	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1987
2827	limit with 5% margin	SBK Edic R945	NA	NA	NA	2046
2834	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2796
2834	limit with 5% margin	Volney-Marcy	NA	NA	NA	2771
2834	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2715
2834	limit with 5% margin	SBK Edic R70	NA	NA	NA	2866
2834	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2620
2834	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2823
2834	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2796
2834	limit with 5% margin	Ravenswood 3	NA	NA	NA	2928
2834	Gordon Rd 345kV Voltage	Marcy South N.	12.1	327.8	345.2	3687
2865	Buchanan North 345kV Voltage	Pre-Fault	58.2	NA	346	2865
2879	Edic 345kV Voltage	Marcy South N.	5.5	327.8	341.7	3704
2880	Marcy 345kV Voltage	Marcy South N.	5.4	327.8	341.5	3704
2887	Gordon Rd 345kV Voltage	Marcy South S.	9.2	327.8	342.1	3447
2903	New Scotland 345kV Voltage Alps	Pre-Fault	15.7	NA	348	2903
2903	New Scotland 345kV Voltage Gilb	Pre-Fault	15.7	NA	348	2903
2917 >E	Oakdale 345kV Voltage	Marcy South N.	6.1	320	343.6	3710
2919	Pleasant Valley 345kV Voltage	Pre-Fault	22.3	NA	348	2919
2925	Gilboa 345kV Voltage	Pre-Fault	10.1	NA	348	2925
2929	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.6	327.8	338.0	3241
2931	Rock Tavern 345kV Voltage	Pre-Fault	17.8	NA	348	2931
2937 >E	New Scotland 345kV Voltage Alps	Marcy South N.	7.6	327.8	345.9	3713
2937 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	7.6	327.8	345.9	3713
2940	Buchanan South 345kV Voltage	Pre-Fault	20.9	NA	346	2940
2944	Edic 345kV Voltage	Ph2 DC 1500	3.6	327.8	335.4	3249
2944	Marcy 345kV Voltage	Ph2 DC 1500	3.6	327.8	335.3	3249
2947	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.2	327.8	335.6	2089
2949	Marcy 345kV Voltage	SBK Edic R945	2.9	327.8	334.6	2148

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\1A\Sum2023_CEVC_PH2_40_1A.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2949	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	334.6	2148
2950	New Scotland 345kV Voltage Alps	Marcy South S.	4.4	327.8	343.1	3491
2950	New Scotland 345kV Voltage Gilb	Marcy South S.	4.4	327.8	343.1	3491
2951	Edic 345kV Voltage	SBK Edic R945	3.0	327.8	334.4	2148
2951	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	334.3	2148
2951	Station 80 345kV Voltage	Pre-Fault	8.5	NA	346	2951
2952	Pannell Road 345kV Voltage	Pre-Fault	9.5	NA	346	2952
2954	Coopers Corners 345kV Voltage	SBK Edic R945	3.9	327.8	338.9	2150
2954	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	3.9	327.8	338.9	2150
2954	Edic 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	333.8	2091
2956	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	338.6	2091
2957	Clay 345kV Voltage	Pre-Fault	9.7	NA	345	2957
2957	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	333.2	2092
2958 >E	Clay 345kV Voltage	Marcy South N.	8.0	327.8	346.3	3716
2958	Fraser 345kV Voltage	Pre-Fault	3.9	NA	338	2958
2960	Coopers Corners 345kV Voltage	Pre-Fault	4.7	NA	338	2960
2960	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	333.3	2921
2960	Edic 345kV Voltage	SBK Marcy R3108	4.7	327.8	332.6	2840
2962 >E	Edic 345kV Voltage	Marcy South S.	4.6	327.8	332.5	3495
2963 >E	Marcy 345kV Voltage	Marcy South S.	4.6	327.8	332.2	3495
2963	Fraser 345kV Voltage	SBK Edic R945	2.3	327.8	336.7	2153
2963	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.2	327.8	336.7	2153
2965	Ramapo 500kV Voltage	Ravenswood 3	3.9	500	505.1	3066
2965	Fraser 345kV Voltage	Marcy-N.Scot99 345	2.3	327.8	336.3	2092
2966	Oakdale 345kV Voltage	Pre-Fault	3.3	NA	335	2966
2969 >E	Ramapo 500kV Voltage	Ph2 DC 1500	20.3	500	506.7	3258
2972	Leeds 345kV Voltage	Pre-Fault	8.6	NA	345	2972
2973	Ramapo 345kV Voltage	Pre-Fault	14.8	NA	346	2973
2975	Oakdale 345kV Voltage	SBK Edic R945	2.7	320	333.5	2154
2975	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.7	320	333.5	2154
2976	Edic 345kV Voltage	Volney-Marcy	2.5	327.8	329.8	2911
2976	Marcy 345kV Voltage	Volney-Marcy	2.4	327.8	329.6	2911
2977	Gordon Rd 345kV Voltage	Ravenswood 3	2.4	327.8	329.8	3077
2977 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.9	320	333.2	2092
2977 >E	Gilboa 345kV Voltage	Marcy South S.	4.4	327.8	342.5	3500
2978	Gordon Rd 345kV Voltage	Princeton-N.Scot 345	2.5	327.8	329.6	2966
2978	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	329.5	2938
2979	Gordon Rd 345kV Voltage	SBK Marcy R3108	2.6	327.8	329.0	2855
2980	Edic 345kV Voltage	Ravenswood 3	2.5	327.8	328.3	3079
2980	Marcy 345kV Voltage	Ravenswood 3	2.5	327.8	328.1	3079

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\1A\Sum2023_CEVC_PH2_40_1A.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2980 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	4.5	327.8	339.0	3262
2980 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	4.5	327.8	339.0	3262
2981	Marcy 345kV Voltage	SBK Princetown 345	2.6	327.8	327.9	2756
2981	Edic 345kV Voltage	SBK Princetown 345	2.6	327.8	328.1	2756
2981	Marcy 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	327.8	2941
2981	Marcy 345kV Voltage	SBK Edic R70	2.7	327.8	327.8	3014
2981	Marcy 345kV Voltage	Princetown-N.Scot 345	2.7	327.8	327.8	2969
2981	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	2.7	327.8	327.8	2941
2981	Marcy 345kV Voltage	SBK Marcy R3108	2.7	327.8	327.8	2856
2981	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.7	327.8	327.8	2941
2981	Edic 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	327.8	2941
2981	Edic 345kV Voltage	Princetown-N.Scot 345	2.7	327.8	327.8	2969
2981	Ladentown 345kV Voltage	Pre-Fault	6.0	NA	346	2981
2983	Gordon Rd 345kV Voltage	Volney-Marcy	2.5	327.8	327.7	2917
2984 >E	Coopers Corners 345kV Voltage	Ravenswood 3	2.6	327.8	332.2	3082
2986 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	4.4	327.8	335.0	3264
2986 >E	Gordon Rd 345kV Voltage	SBK Edic R70	2.7	327.8	326.2	3020
2987 >E	Fraser 345kV Voltage	Ph2 DC 1500	3.6	327.8	333.6	3264
2990 >E	Roseton 345kV Voltage	Pre-Fault	6.2	NA	345	2990
2990 >E	Ramapo 500kV Voltage	SBK Princetown 345	3.6	500	500.4	2763
2991 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	3.6	500	500.2	2950
2991 >E	Ramapo 500kV Voltage	Volney-Marcy	3.6	500	500.2	2924
2991 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	2.8	327.8	329.6	2764
2991 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	3.6	500	500.1	2951
2991 >E	Ramapo 500kV Voltage	SBK Edic R70	3.7	500	500.1	3025
2992 >E	Ramapo 500kV Voltage	SBK Marcy R3108	3.6	500	500.0	2864
2992 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	3.6	500	500.0	2980
2992 >E	Ramapo 500kV Voltage	Pre-Fault	3.6	NA	500	2992
2992 >E	Fraser 345kV Voltage	SBK Edic R70	2.5	327.8	327.8	3026
2992 >E	Fraser 345kV Voltage	SBK Princetown 345	2.5	327.8	327.8	2764
2992 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	2.5	327.8	327.8	2980
2992 >E	Fraser 345kV Voltage	Ravenswood 3	2.5	327.8	327.8	3088
2992 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	327.8	2951
2992 >E	Fraser 345kV Voltage	Volney-Marcy	2.5	327.8	327.8	2924
2992 >E	Fraser 345kV Voltage	SBK Marcy R3108	2.5	327.8	327.8	2864
2992 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	2.5	327.8	327.8	2951
2992 >E	Ramapo 500kV Voltage	SBK Edic R945	16.9	500	503.9	2154

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2992 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	17.0	500	503.9	2154
2993 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	17.8	500	503.9	2092
2993 >E	Edic 345kV Voltage	SBK Edic R70	3.2	327.8	323.4	3027
2993 >E	Coopers Corners 345kV Voltage	SBK Edic R70	2.9	327.8	328.9	3027
2993 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.6	320	331.8	3266
2994 >E	Clay 345kV Voltage	SBK Edic R945	3.3	327.8	341.5	2154
2994 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	341.4	2154
2995 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	2.9	327.8	328.4	2954
2995 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.1	320	324.3	2866
2995 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	327.8	328.1	2955
2996 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	2.9	327.8	327.9	2984
2997 >E	Bowline 2 345kV Voltage	Pre-Fault	5.4	NA	345	2997
2997 >E	Dunwoodie 345kV Voltage	Ravenswood 3	5.2	327.8	336.0	3092
2998 >E	Coopers Corners 345kV Voltage	Volney-Marcy	2.9	327.8	327.3	2929
2998 >E	Sprain Brook 345kV Voltage	Ravenswood 3	5.2	327.8	336.0	3093
2998 >E	Oakdale 345kV Voltage	Volney-Marcy	2.1	320	322.8	2929
2999 >E	Bowline 1 345kV Voltage	Pre-Fault	6.3	NA	345	2999
3000 >E	Oakdale 345kV Voltage	Ravenswood 3	2.0	320	322.0	3094
3001 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.1	320	321.5	2771
3001 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	340.8	2093
3001 >E	Leeds 345kV Voltage	Marcy South S.	5.4	327.8	342.4	3509
3003 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	3.0	327.8	330.5	2962
3003 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	3.0	327.8	330.5	2962
3003 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.1	320	320.3	2962
3004 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.1	320	320.2	2963
3004 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.1	320	320.1	2992
3005 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	3.0	327.8	325.1	2873
3005 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	3.0	327.8	329.9	3098
3005 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	3.0	327.8	329.9	3098
3006 >E	Gilboa 345kV Voltage	SBK Edic R945	3.7	327.8	338.5	2155
3007 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	338.5	2155
3007 >E	Oakdale 345kV Voltage	SBK Edic R70	2.3	320	318.6	3043
3010 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	338.1	2093
3010 >E	Millwood 345kV Voltage	Ravenswood 3	4.9	327.8	336.1	3102
3011 >E	Buchanan North 345kV Voltage	Ravenswood 3	5.0	327.8	335.8	3103
3011 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	3.2	327.8	327.8	2940
3011 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	3.2	327.8	327.8	2940
3012 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	3.2	327.8	327.7	2999
3012 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	3.2	327.8	327.7	2999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3012 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	3.3	327.8	327.5	3049
3012 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	3.3	327.8	327.5	3049
3013 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	3.3	327.8	327.3	2971
3013 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	3.3	327.8	327.3	2971
3013 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	3.3	327.8	327.3	2880
3013 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	3.3	327.8	327.3	2880
3015 >E	Fraser 345kV Voltage	Marcy South S.	5.5	327.8	327.8	3513
3016 >E	Clay 345kV Voltage	Ph2 DC 1500	5.2	327.8	340.7	3274
3017 >E	St.Lawrence 230kV Voltage	Pre-Fault	13.9	NA	225	3017
3018 >E	Rock Tavern 345kV Voltage	Ravenswood 3	3.6	327.8	334.9	3108
3019 >E	Clay 345kV Voltage	SBK Marcy R3108	3.8	327.8	332.0	2884
3019 >E	Buchanan South 345kV Voltage	Ravenswood 3	4.8	327.8	336.2	3109
3019 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	4.9	327.8	332.6	2155
3019 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	4.9	327.8	332.6	2155
3020 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	4.9	327.8	332.6	2155
3020 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	4.9	327.8	332.6	2155
3022 >E	Gordon Rd 345kV Voltage	SBK Edic R945	5.3	327.8	323.8	2155
3022 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	323.7	2155
3024 >E	Clay 345kV Voltage	Volney-Marcy	3.7	327.8	330.7	2950
3024 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	5.1	327.8	331.9	2093
3024 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	5.1	327.8	331.9	2093
3026 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	329.3	2984
3026 >E	Gilboa 345kV Voltage	Ravenswood 3	3.7	327.8	329.2	3115
3026 >E	Gilboa 345kV Voltage	Ph2 DC 1500	5.5	327.8	337.4	3278
3027 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	3.5	327.8	322.9	2791
3027 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	3.5	327.8	322.9	2791
3027 >E	Clay 345kV Voltage	Ravenswood 3	3.5	327.8	329.9	3115
3030 >E	Clay 345kV Voltage	SBK Princetown 345	3.7	327.8	329.1	2793
3031 >E	Gilboa 345kV Voltage	SBK Marcy R3108	3.9	327.8	327.9	2893
3031 >E	Gilboa 345kV Voltage	Volney-Marcy	3.9	327.8	327.9	2956
3031 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	3019
3032 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.7	2989
3032 >E	Pannell Road 345kV Voltage	SBK Edic R945	5.3	327.8	340.4	2156
3032 >E	Gilboa 345kV Voltage	SBK Edic R70	3.9	327.8	327.6	3071
3033 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	340.3	2156
3034 >E	Gilboa 345kV Voltage	SBK Princetown 345	4.0	327.8	327.0	2797
3034 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	328.0	2992

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3035 >E	Clay 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	327.9	2992
3035 >E	Clay 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.9	3022
3036 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	4.9	327.8	333.5	3123
3036 >E	Ramapo 345kV Voltage	Ravenswood 3	4.8	327.8	335.8	3123
3037 >E	Rock Tavern 345kV Voltage	SBK Edic R945	5.7	327.8	336.6	2156
3037 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.4	218.5	226.2	2156
3037 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	5.8	327.8	336.5	2156
3038 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	8.5	218.5	226.2	2156
3038 >E	Ladentown 345kV Voltage	Ravenswood 3	4.7	327.8	336.4	3124
3041 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	327.8	2999
3041 >E	Leeds 345kV Voltage	Volney-Marcy	3.9	327.8	327.8	2965
3041 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	3029
3041 >E	Leeds 345kV Voltage	Ravenswood 3	3.9	327.8	327.8	3126
3041 >E	Leeds 345kV Voltage	SBK Princetown 345	3.9	327.8	327.8	2802
3041 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.8	2998
3041 >E	Leeds 345kV Voltage	SBK Marcy R3108	3.9	327.8	327.8	2900
3041 >E	Leeds 345kV Voltage	SBK Edic R70	3.9	327.8	327.8	3081
3042 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	6.0	327.8	335.9	2094
3042 >E	Bowline 2 345kV Voltage	Ravenswood 3	4.3	327.8	336.6	3127
3042 >E	Roseton 345kV Voltage	Ravenswood 3	4.2	327.8	336.6	3127
3043 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.0	327.8	339.6	2094
3047 >E	Station 80 345kV Voltage	SBK Edic R945	6.0	327.8	339.3	2156
3047 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	4.6	327.8	328.6	2806
3047 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	6.1	327.8	339.3	2156
3049 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	328.2	3006
3049 >E	Rock Tavern 345kV Voltage	SBK Edic R70	4.6	327.8	328.2	3089
3050 >E	Bowline 1 345kV Voltage	Ravenswood 3	4.9	327.8	337.0	3133
3050 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	327.9	3007
3050 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	6.6	327.8	328.0	3007
3051 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	4.6	327.8	327.8	3038
3051 >E	Dunwoodie 345kV Voltage	SBK Edic R70	6.7	327.8	327.9	3092
3051 >E	Leeds 345kV Voltage	Ph2 DC 1500	5.7	327.8	337.2	3287
3052 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	6.7	327.8	328.0	3009
3052 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	6.7	327.8	327.8	3039
3052 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	6.7	327.8	327.8	3009
3052 >E	Rock Tavern 345kV Voltage	Volney-Marcy	4.6	327.8	327.4	2974
3053 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	9.2	218.5	222.5	2909
3053 >E	Sprain Brook 345kV Voltage	SBK Edic R70	6.8	327.8	327.9	3094

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3054 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	6.8	327.8	327.8	3041
3054 >E	Dunwoodie 345kV Voltage	Volney-Marcy	6.7	327.8	327.5	2975
3054 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	6.8	327.8	327.8	3010
3054 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	6.7	327.8	327.5	2811
3054 >E	Pannell Road 345kV Voltage	Marcy South N.	13.2	327.8	344.0	3731
3056 >E	Sprain Brook 345kV Voltage	Volney-Marcy	6.8	327.8	327.5	2976
3056 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	6.8	327.8	327.5	2813
3056 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	6.8	327.8	327.1	2911
3057 >E	Oakdale 345kV Voltage	Marcy South S.	5.5	320	319.0	3528
3058 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	4.7	327.8	326.3	2912
3058 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	6.9	327.8	327.1	2913
3058 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	6.7	327.8	338.6	2094
3060 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	6.2	327.8	328.1	3017
3061 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	6.5	327.8	328.1	3017
3061 >E	Millwood 345kV Voltage	SBK Edic R70	6.3	327.8	327.9	3103
3062 >E	Buchanan North 345kV Voltage	SBK Edic R70	6.6	327.8	328.0	3104
3062 >E	Clay 345kV Voltage	SBK Edic R70	5.3	327.8	321.0	3104
3062 >E	Buchanan North 345kV Voltage	SBK Princetown 345	6.5	327.8	327.9	2818
3062 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	6.3	327.8	327.8	3049
3062 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	6.3	327.8	327.7	3018
3063 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	6.6	327.8	327.8	3019
3063 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	6.6	327.8	327.8	3050
3064 >E	Millwood 345kV Voltage	Volney-Marcy	6.3	327.8	327.5	2983
3064 >E	Millwood 345kV Voltage	SBK Princetown 345	6.3	327.8	327.5	2819
3064 >E	Buchanan North 345kV Voltage	Volney-Marcy	6.6	327.8	327.6	2983
3067 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	5.8	327.8	328.3	3023
3067 >E	Millwood 345kV Voltage	SBK Marcy R3108	6.4	327.8	327.0	2919
3068 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	6.6	327.8	327.1	2920
3068 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	8.1	327.8	339.5	3293
3069 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	328.1	3025
3070 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	5.9	327.8	327.9	3112
3070 >E	Buchanan South 345kV Voltage	SBK Edic R70	6.2	327.8	328.0	3113
3070 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	5.9	327.8	327.8	3057
3071 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	5.9	327.8	327.7	3026
3071 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	6.2	327.8	327.8	3058
3071 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	6.2	327.8	327.8	3027

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3072 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	5.9	327.8	327.5	2989
3072 >E	Buchanan South 345kV Voltage	SBK Princetown 345	6.2	327.8	327.7	2825
3072 >E	Pleasant Valley 345kV Voltage	Marcy South S.	10.0	327.8	337.6	3533
3072 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	11.9	218.5	225.2	2094
3073 >E	St.Lawrence 230kV Voltage	Volney-Marcy	11.0	218.5	221.0	2990
3073 >E	Buchanan South 345kV Voltage	Volney-Marcy	6.2	327.8	327.5	2990
3074 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	6.0	327.8	327.1	2925
3075 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	6.0	327.8	326.9	2828
3076 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	6.2	327.8	327.0	2926
3078 >E	Station 80 345kV Voltage	Ph2 DC 1500	8.7	327.8	338.5	3296
3079 >E	Clay 345kV Voltage	Marcy South S.	8.1	327.8	332.4	3536
3083 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	328.2	3039
3083 >E	Ramapo 345kV Voltage	SBK Princetown 345	6.1	327.8	328.1	2834
3084 >E	Ramapo 345kV Voltage	SBK Edic R70	6.1	327.8	328.0	3129
3085 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	327.9	3040
3085 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	327.8	3072
3086 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	8.0	327.8	337.8	3299
3087 >E	St.Lawrence 230kV Voltage	Marcy South S.	12.9	218.5	219.6	3538
3087 >E	Ramapo 345kV Voltage	Volney-Marcy	6.1	327.8	327.6	3002
3088 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	328.2	3043
3088 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	5.9	327.8	328.2	3043
3088 >E	Bowline 2 345kV Voltage	SBK Princetown 345	5.4	327.8	328.0	2837
3089 >E	Bowline 2 345kV Voltage	SBK Edic R70	5.4	327.8	328.0	3133
3089 >E	Ladentown 345kV Voltage	SBK Princetown 345	5.9	327.8	328.0	2838
3089 >E	Ladentown 345kV Voltage	SBK Edic R70	6.0	327.8	328.0	3134
3089 >E	St.Lawrence 230kV Voltage	Ravenswood 3	12.4	218.5	219.8	3163
3089 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	5.4	327.8	327.8	3044
3090 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	5.4	327.8	327.8	3076
3090 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	6.0	327.8	327.8	3044
3090 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	6.0	327.8	327.8	3076
3091 >E	Ramapo 345kV Voltage	SBK Marcy R3108	6.2	327.8	327.0	2936
3091 >E	Bowline 2 345kV Voltage	Volney-Marcy	5.4	327.8	327.6	3005
3091 >E	Ladentown 345kV Voltage	Volney-Marcy	6.0	327.8	327.6	3005
3092 >E	Station 80 345kV Voltage	Marcy South S.	8.0	327.8	329.5	3540
3093 >E	Leeds 345kV Voltage	Marcy South N.	10.9	327.8	342.7	3737
3094 >E	Station 80 345kV Voltage	Marcy South N.	14.6	327.8	342.5	3737
3094 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	5.4	327.8	327.0	2939
3095 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	328.1	3050

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3095 >E	Ladentown 345kV Voltage	SBK Marcy R3108	6.0	327.8	327.0	2940
3096 >E	Roseton 345kV Voltage	SBK Edic R70	6.2	327.8	328.0	3141
3096 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	16.6	218.5	224.5	3303
3097 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	6.2	327.8	327.8	3083
3097 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	6.2	327.8	327.8	3051
3098 >E	Roseton 345kV Voltage	SBK Princetown 345	6.2	327.8	327.7	2844
3099 >E	Roseton 345kV Voltage	Volney-Marcy	6.2	327.8	327.5	3011
3101 >E	Pannell Road 345kV Voltage	Marcy South S.	8.7	327.8	330.3	3543
3102 >E	Roseton 345kV Voltage	SBK Marcy R3108	6.3	327.8	327.0	2945
3103 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	9.4	327.8	336.1	3305
3103 >E	Buchanan North 345kV Voltage	SBK Edic R945	11.6	327.8	333.1	2159
3103 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	11.6	327.8	333.0	2158
3105 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	6.3	327.8	328.2	3060
3106 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	13.5	218.5	218.7	2850
3106 >E	Bowline 1 345kV Voltage	SBK Princetown 345	6.3	327.8	328.1	2851
3107 >E	Bowline 1 345kV Voltage	SBK Edic R70	6.3	327.8	328.0	3153
3107 >E	Fraser 345kV Voltage	Marcy South N.	11.6	327.8	327.8	3739
3108 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	6.3	327.8	327.8	3061
3108 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	13.9	218.5	218.5	3094
3108 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	6.3	327.8	327.8	3094
3108 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	13.9	218.5	218.5	3062
3108 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	13.9	218.5	218.4	3063
3110 >E	Bowline 1 345kV Voltage	Volney-Marcy	6.4	327.8	327.6	3020
3111 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	12.0	327.8	332.6	2095
3113 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	12.4	327.8	336.0	3308
3113 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	6.4	327.8	327.0	2953
3116 >E	Gilboa 345kV Voltage	Marcy South N.	12.5	327.8	338.0	3740
3116 >E	Pannell Road 345kV Voltage	Ravenswood 3	9.0	327.8	330.8	3184
3120 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	8.6	327.8	327.8	2159
3120 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	8.6	327.8	327.8	2095
3120 >E	Leeds 345kV Voltage	SBK Edic R945	8.6	327.8	327.8	2159
3121 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	10.2	327.8	330.3	2958
3121 >E	St.Lawrence 230kV Voltage	SBK Edic R70	15.3	218.5	217.6	3169
3123 >E	Pannell Road 345kV Voltage	Volney-Marcy	9.7	327.8	330.1	3031
3127 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	14.2	327.8	333.8	3313
3127 >E	Millwood 345kV Voltage	Ph2 DC 1500	12.2	327.8	335.2	3313
3127 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	14.1	327.8	333.9	3313
3129 >E	Pannell Road 345kV Voltage	SBK Princetown 345	9.6	327.8	329.5	2868

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3131 >E	Ramapo 345kV Voltage	SBK Edic R945	10.4	327.8	335.3	2160
3132 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	335.2	2159
3134 >E	Dunwoodie 345kV Voltage	SBK Edic R945	14.8	327.8	330.5	2160
3134 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	14.8	327.8	330.5	2159
3137 >E	Sprain Brook 345kV Voltage	SBK Edic R945	15.0	327.8	330.7	2160
3137 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	15.0	327.8	330.6	2159
3139 >E	Millwood 345kV Voltage	SBK Edic R945	12.8	327.8	331.4	2160
3139 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	12.8	327.8	331.4	2160
3140 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	12.0	327.8	336.4	3318
3141 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	10.9	327.8	334.6	2096
3143 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	15.3	327.8	330.0	2096
3143 >E	Buchanan South 345kV Voltage	SBK Edic R945	12.0	327.8	332.7	2160
3144 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	12.1	327.8	332.6	2160
3145 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	10.5	327.8	328.0	3097
3146 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	10.5	327.8	328.0	3099
3146 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	15.5	327.8	330.2	2096
3147 >E	Pannell Road 345kV Voltage	Princeton-N.Scot 345	10.6	327.8	327.9	3132
3148 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	13.2	327.8	330.9	2096
3149 >E	Sprain Brook 345kV Voltage	Marcy South S.	15.5	327.8	329.8	3560
3149 >E	Dunwoodie 345kV Voltage	Marcy South S.	15.7	327.8	329.9	3560
3153 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	12.5	327.8	332.1	2096
3154 >E	Ramapo 500kV Voltage	Marcy South S.	34.8	500	502.5	3562
3155 >E	Ladentown 345kV Voltage	SBK Edic R945	10.8	327.8	335.1	2161
3156 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	10.9	327.8	335.1	2160
3157 >E	Watercure 230kV Voltage	SBK Edic R945	8.9	207	226.9	2161
3159 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	9.0	207	226.9	2160
3160 >E	Ramapo 345kV Voltage	Ph2 DC 1500	11.9	327.8	338.4	3325
3161 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	11.5	327.8	330.0	2161
3161 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	11.5	327.8	330.0	2160
3162 >E	Millwood 345kV Voltage	Marcy South S.	14.3	327.8	330.6	3565
3164 >E	Roseton 345kV Voltage	Ph2 DC 1500	10.6	327.8	337.7	3326
3165 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	11.3	327.8	334.4	2096
3166 >E	Somerset 345kV Voltage	Marcy South S.	8.7	327.8	328.6	3566
3166 >E	Roseton 345kV Voltage	SBK Edic R945	10.6	327.8	333.2	2161
3167 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	10.6	327.8	333.2	2161
3170 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	11.8	327.8	329.3	2097
3173 >E	Ladentown 345kV Voltage	Ph2 DC 1500	11.8	327.8	338.7	3330
3174 >E	Bowline 1 345kV Voltage	SBK Edic R945	10.9	327.8	335.7	2161
3175 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	10.9	327.8	335.6	2161
3176 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	11.0	327.8	332.5	2097

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3176 >E	Bowline 2 345kV Voltage	SBK Edic R945	10.9	327.8	335.7	2161
3177 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	10.9	327.8	335.7	2161
3180 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	9.9	207	226.3	2097
3180 >E	St.Lawrence 230kV Voltage	Marcy South N.	27.9	218.5	225.2	3750
3186 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	11.4	327.8	334.9	2097
3188 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	11.4	327.8	335.0	2097
3191 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	11.7	327.8	339.4	3336
3196 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	11.7	327.8	339.6	3338
3213 >E	Niagara 345kV Voltage	Marcy South S.	8.8	327.8	328.1	3582
3223 >E	Buchanan South 345kV Voltage	Marcy South S.	15.5	327.8	329.0	3586
3225 >E	Somerset 345kV Voltage	SBK Edic R945	11.7	327.8	342.8	2163
3225 >E	Rainey 345kV Voltage	Ravenswood 3	13.8	327.8	342.7	3268
3227 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	11.8	327.8	342.8	2163
3228 >E	Roseton 345kV Voltage	Marcy South S.	13.7	327.8	332.3	3588
3242 >E	Farragut 345kV Voltage	Ravenswood 3	14.6	327.8	342.0	3281
3257 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	13.1	327.8	341.7	2099
3261 >E	Pleasant Valley 345kV Voltage	Marcy South N.	20.6	327.8	338.0	3762
3265 >E	Pannell Road 345kV Voltage	SBK Edic R70	17.3	327.8	316.7	3329
3271 >E	Station 80 345kV Voltage	Ravenswood 3	19.0	327.8	332.5	3303
3300 >E	Buchanan North 345kV Voltage	Marcy South S.	20.4	327.8	325.7	3613
3310 >E	Somerset 345kV Voltage	Ph2 DC 1500	16.1	327.8	341.0	3378
3313 >E	Station 80 345kV Voltage	Volney-Marcy	21.8	327.8	330.8	3186
3319 >E	Station 80 345kV Voltage	SBK Princetown 345	21.3	327.8	330.6	3012
3329 >E	Station 80 345kV Voltage	SBK Marcy R3108	23.9	327.8	330.2	3111
3342 >E	Rainey 345kV Voltage	Pre-Fault	24.6	NA	338	3342
3345 >E	Farragut 345kV Voltage	Pre-Fault	25.7	NA	338	3345
3346 >E	Ramapo 500kV Voltage	Marcy South N.	65.7	500	504.9	3775
3366 >E	Bowline 2 345kV Voltage	Marcy South S.	16.3	327.8	324.3	3635
3373 >E	Goethals 345kV Voltage	Ravenswood 3	19.8	327.8	341.3	3382
3375 >E	Coopers Corners 345kV Voltage	Marcy South N.	17.8	327.8	312.3	3779
3380 >E	Watercure 230kV Voltage	Marcy South N.	29.6	207	232.2	3780
3380 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	24.9	327.8	328.2	3319
3384 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	25.1	327.8	328.0	3327
3386 >E	Ladentown 345kV Voltage	Marcy South S.	18.6	327.8	324.3	3642
3387 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	25.3	327.8	327.9	3369
3391 >E	Rock Tavern 345kV Voltage	Marcy South S.	16.8	327.8	311.9	3644
3414 >E	Watercure 230kV Voltage	Ph2 DC 1500	21.5	207	234.3	3415
3443 >E	Ramapo 345kV Voltage	Marcy South S.	21.4	327.8	321.7	3662
3445 >E	Niagara 230kV East Voltage	Marcy South S.	32.3	218.5	218.7	3663
3445 >E	Niagara 230kV West Voltage	Marcy South S.	32.3	218.5	218.7	3663

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3466 >E	Bowline 1 345kV Voltage	Marcy South S.	20.6	327.8	323.9	3670
3484 >E	Millwood 345kV Voltage	Marcy South N.	33.2	327.8	333.0	3796
3489 >E	Dunwoodie 345kV Voltage	Marcy South N.	38.7	327.8	332.0	3797
3490 >E	Goethals 345kV Voltage	Pre-Fault	35.6	NA	338	3490
3494 >E	Sprain Brook 345kV Voltage	Marcy South N.	38.7	327.8	332.0	3797
3539 >E	Roseton 345kV Voltage	Marcy South N.	27.5	327.8	335.1	3804
3548 >E	Somerset 345kV Voltage	Marcy South N.	29.1	327.8	344.2	3806
3580 >E	Buchanan South 345kV Voltage	Marcy South N.	34.4	327.8	332.5	3811
3585 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	24.4	327.8	328.1	3519
3591 >E	Rainey 345kV Voltage	SBK Edic R70	24.6	327.8	327.9	3692
3593 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	24.7	327.8	327.8	3572
3594 >E	Buchanan North 345kV Voltage	Marcy South N.	38.0	327.8	330.3	3813
3594 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	24.7	327.8	327.7	3522
3597 >E	Rainey 345kV Voltage	SBK Princetown 345	24.7	327.8	327.6	3221
3597 >E	Rainey 345kV Voltage	Volney-Marcy	24.7	327.8	327.6	3418
3599 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	25.4	327.8	328.1	3533
3600 >E	Coopers Corners 345kV Voltage	Marcy South S.	18.1	327.8	248.3	3717
3605 >E	Rainey 345kV Voltage	SBK Marcy R3108	25.0	327.8	327.3	3313
3606 >E	Farragut 345kV Voltage	SBK Edic R70	25.7	327.8	327.9	3708
3608 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	25.7	327.8	327.8	3586
3609 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	25.7	327.8	327.7	3536
3611 >E	Farragut 345kV Voltage	SBK Princetown 345	25.8	327.8	327.7	3232
3612 >E	Farragut 345kV Voltage	Volney-Marcy	25.8	327.8	327.6	3430
3620 >E	Farragut 345kV Voltage	SBK Marcy R3108	26.0	327.8	327.3	3324
3636 >E	Rock Tavern 345kV Voltage	Marcy South N.	29.1	327.8	324.9	3819
3662 >E	Niagara 230kV East Voltage	Ph2 DC 1500	48.4	218.5	223.4	3502
3662 >E	Niagara 230kV West Voltage	Ph2 DC 1500	48.4	218.5	223.4	3502
3687 >E	Niagara 345kV Voltage	SBK Edic R945	25.5	327.8	346.4	2181
3693 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	25.7	327.8	346.3	2180
3784 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	28.9	327.8	345.0	2111
3817 >E	Ladentown 345kV Voltage	Marcy South N.	37.8	327.8	330.5	3846
3832 >E	Ramapo 345kV Voltage	Marcy South N.	39.8	327.8	329.1	3849
3841 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	35.1	327.8	328.1	3765
3851 >E	Goethals 345kV Voltage	SBK Edic R70	35.5	327.8	327.8	3980
3853 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	35.6	327.8	327.8	3827
3854 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	35.6	327.8	327.8	3768
3856 >E	Goethals 345kV Voltage	SBK Princetown 345	35.6	327.8	327.7	3417
3857 >E	Goethals 345kV Voltage	Volney-Marcy	35.7	327.8	327.7	3630

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3868 >E	Goethals 345kV Voltage	SBK Marcy R3108	36.0	327.8	327.4	3505
3881 >E	Niagara 230kV East Voltage	SBK Edic R945	62.0	218.5	229.2	2189
3881 >E	Niagara 230kV West Voltage	SBK Edic R945	62.0	218.5	229.2	2189
3885 >E	Bowline 1 345kV Voltage	Marcy South N.	38.0	327.8	330.6	3857
3889 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	62.6	218.5	229.1	2187
3889 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	62.6	218.5	229.1	2187
3899 >E	Bowline 2 345kV Voltage	Marcy South N.	37.9	327.8	330.7	3859
3921 >E	Niagara 345kV Voltage	Ph2 DC 1500	34.0	327.8	342.8	3594
4033 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	72.3	218.5	228.4	2117
4033 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	72.3	218.5	228.4	2117
4121 >E	Rainey 345kV Voltage	Ph2 DC 1500	46.5	327.8	338.8	3665
4147 >E	Farragut 345kV Voltage	Ph2 DC 1500	48.4	327.8	338.7	3674
4176 >E	Rainey 345kV Voltage	SBK Edic R945	48.4	327.8	333.0	2201
4179 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	48.5	327.8	332.9	2197
4198 >E	Farragut 345kV Voltage	SBK Edic R945	50.2	327.8	332.9	2201
4201 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	50.3	327.8	332.8	2198
4222 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	50.1	327.8	332.2	2121
4244 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	51.9	327.8	332.2	2122
4325 >E	Rainey 345kV Voltage	Marcy South S.	54.2	327.8	331.0	3969
4350 >E	Farragut 345kV Voltage	Marcy South S.	56.2	327.8	330.9	3978
4542 >E	Gardenville 230kV Voltage	SBK Edic R945	58.1	207	234.1	2215
4562 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	58.8	207	234.0	2211
4583 >E	Goethals 345kV Voltage	Ph2 DC 1500	66.0	327.8	338.8	3827
4661 >E	Goethals 345kV Voltage	SBK Edic R945	68.8	327.8	333.0	2220
4665 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	69.0	327.8	332.9	2215
4715 >E	Station 80 345kV Voltage	SBK Edic R70	105.1	327.8	275.8	4940
4721 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	71.1	327.8	332.3	2133
4778 >E	Gardenville 230kV Voltage	Marcy South S.	66.0	207	207.9	4126
4864 >E	Niagara 345kV Voltage	Marcy South N.	68.2	327.8	347.0	4005
4875 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	70.2	207	233.8	2136
4879 >E	Goethals 345kV Voltage	Marcy South S.	77.5	327.8	331.0	4161
4976 >E	Niagara 230kV East Voltage	Pre-Fault	233.3	NA	225	4976
4976 >E	Niagara 230kV West Voltage	Pre-Fault	233.3	NA	225	4976
5469 >E	Gardenville 230kV Voltage	Ph2 DC 1500	91.2	207	233.6	4140
5634 >E	Niagara 230kV East Voltage	Ravenswood 3	178.9	218.5	222.2	5125
5634 >E	Niagara 230kV West Voltage	Ravenswood 3	178.9	218.5	222.2	5125
5841 >E	Niagara 230kV East Voltage	Marcy South N.	198.7	218.5	230.3	4152
5841 >E	Niagara 230kV West Voltage	Marcy South N.	198.7	218.5	230.3	4152
6029 >E	Niagara 230kV East Voltage	SBK Princetown 345	202.8	218.5	220.5	5059
6029 >E	Niagara 230kV West Voltage	SBK Princetown 345	202.8	218.5	220.5	5059
6053 >E	Niagara 230kV East Voltage	Volney-Marcy	204.7	218.5	220.4	5421

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6053 >E	Niagara 230kV West Voltage	Volney-Marcy	204.7	218.5	220.4	5421
6085 >E	Rainey 345kV Voltage	Marcy South N.	121.9	327.8	334.8	4189
6132 >E	Farragut 345kV Voltage	Marcy South N.	126.1	327.8	334.7	4196
6434 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	229.4	218.5	218.8	6212
6434 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	229.4	218.5	218.8	6212
6445 >E	Niagara 230kV East Voltage	SBK Marcy R3108	230.7	218.5	218.7	5391
6445 >E	Niagara 230kV West Voltage	SBK Marcy R3108	230.7	218.5	218.7	5391
6462 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	231.3	218.5	218.6	6275
6462 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	231.3	218.5	218.6	6275
6475 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	232.2	218.5	218.6	6407
6475 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	232.2	218.5	218.6	6407
7209 >E	Goethals 345kV Voltage	Marcy South N.	169.5	327.8	334.9	4359
7454 >E	Northport 138kV Voltage	Ph2 DC 1500	356.6	131.1	135.5	4841
7670 >E	Northport 138kV Voltage	SBK Edic R945	370.3	131.1	133.2	2337
7679 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	371.0	131.1	133.1	2324
7821 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	381.9	131.1	132.8	2204
8698 >E	Northport 138kV Voltage	Ravenswood 3	462.4	131.1	141.5	7486
11792 >E	Niagara 230kV East Voltage	SBK Edic R70	585.8	218.5	195.8	12801
11792 >E	Niagara 230kV West Voltage	SBK Edic R70	585.8	218.5	195.8	12801
15353 >E	Northport 138kV Voltage	Marcy South N.	982.9	131.1	133.9	5591
25358 >E	Northport 138kV Voltage	Pre-Fault	2544.4	NA	135	25358
25651 >E	Gardenville 230kV Voltage	Marcy South N.	875.2	207	343.2	7148
31445 >E	Northport 138kV Voltage	N.Scot-Leeds 345	2243.1	131.1	132.6	30203
34640 >E	Northport 138kV Voltage	SBK Edic R70	2494.8	131.1	131.4	38178
35607 >E	Northport 138kV Voltage	Princetown-N.Scot 345	2570.0	131.1	131.0	35072
36109 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	2609.3	131.1	130.8	34321
37542 >E	Northport 138kV Voltage	Volney-Marcy	2720.4	131.1	130.2	31098
37545 >E	Northport 138kV Voltage	SBK Princetown 345	2720.4	131.1	130.2	28864

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
42396 >E	Northport 138kV Voltage	SBK Marcy R3108	3099.6	131.1	128.3	31697
99998 >E	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
99998 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

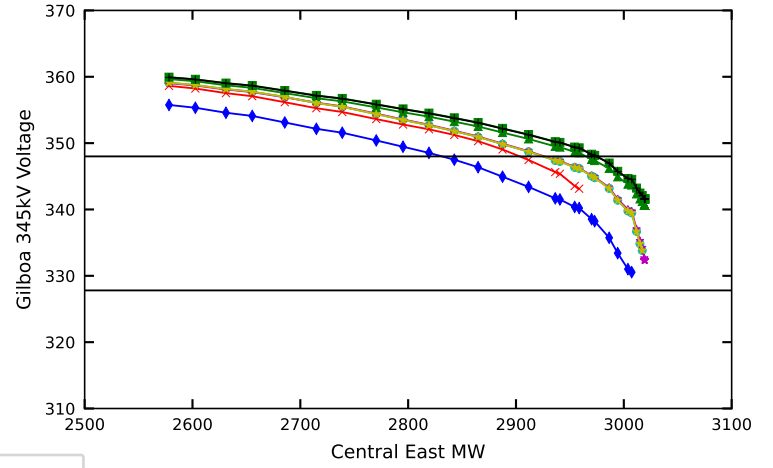
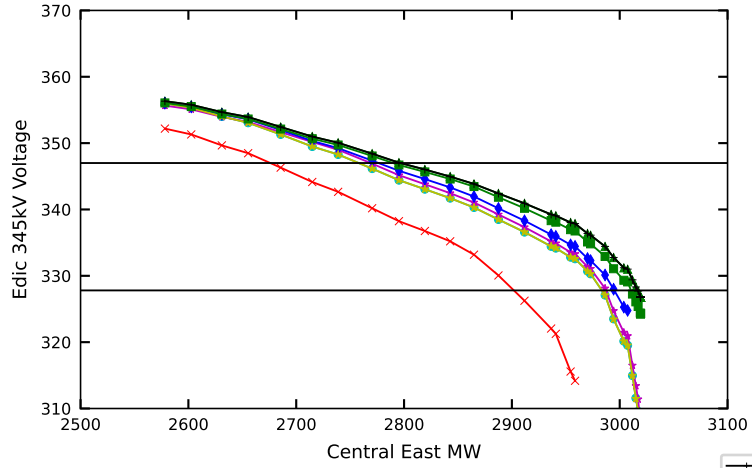
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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 1A

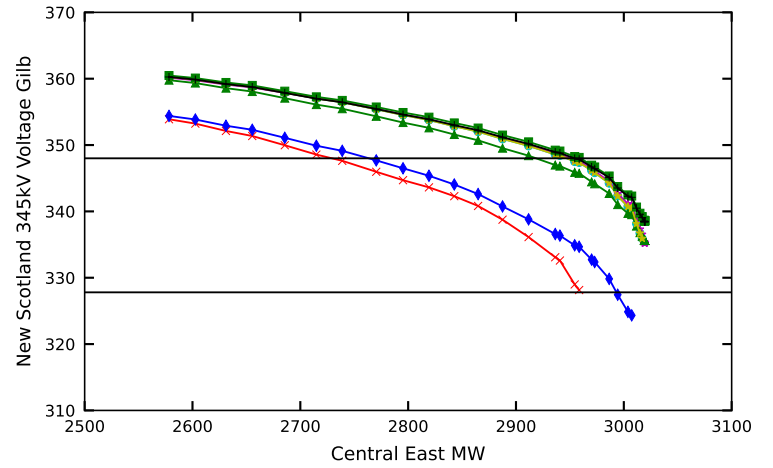
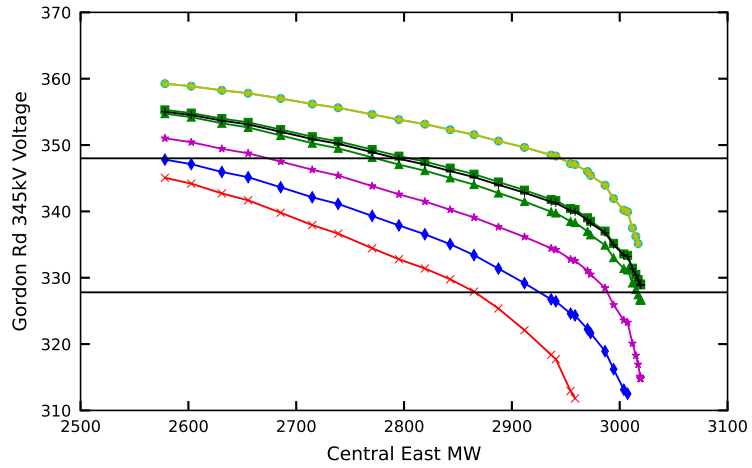
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

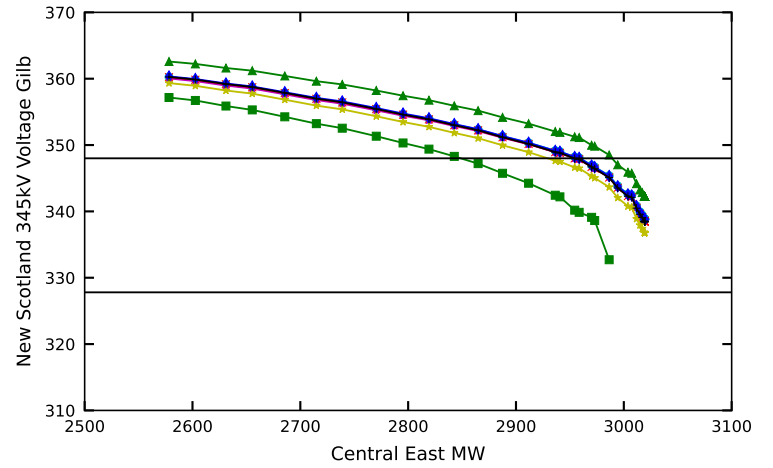
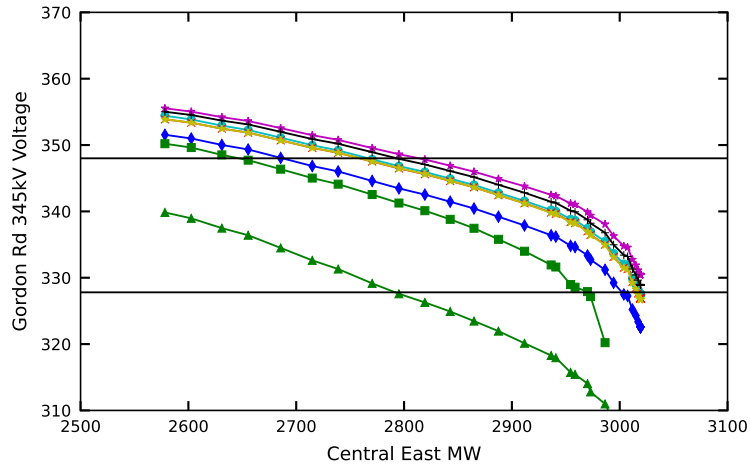
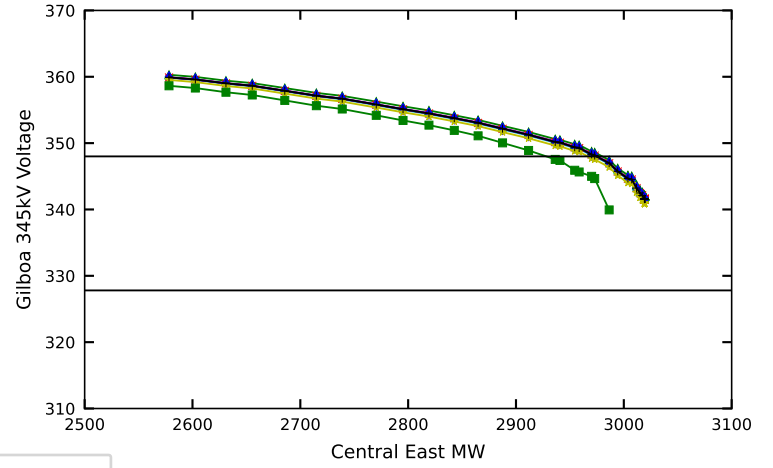
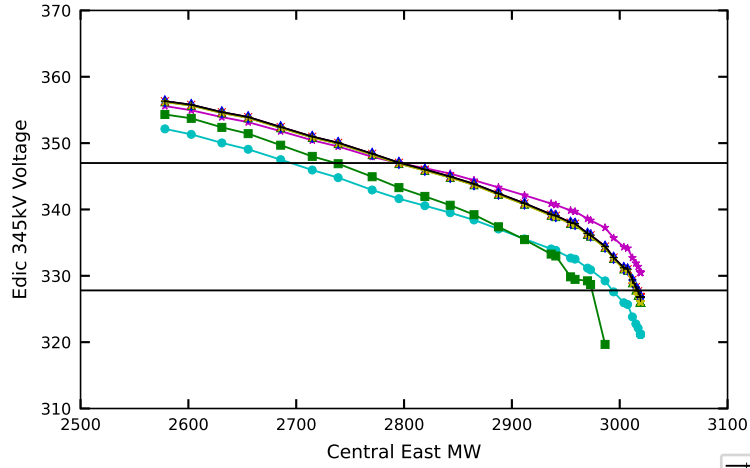
1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A Figure 1



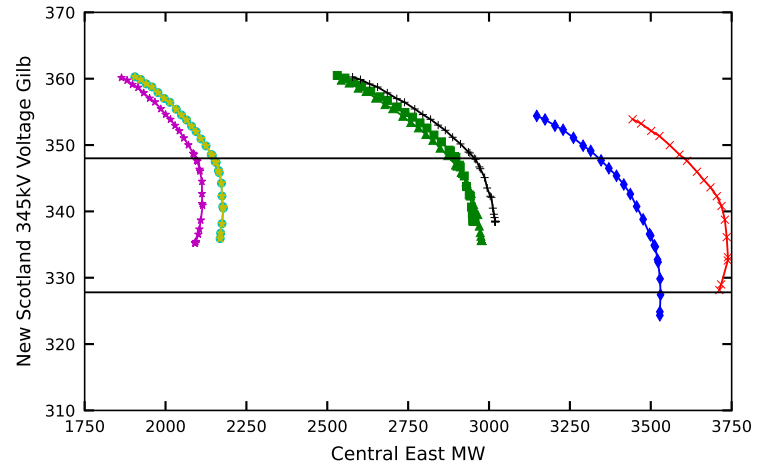
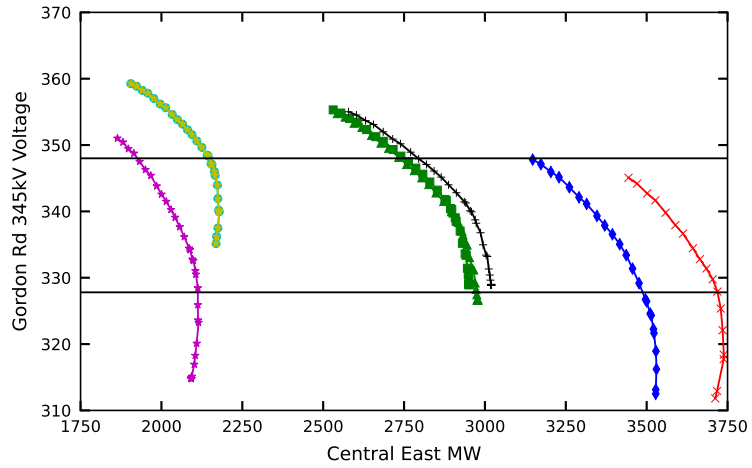
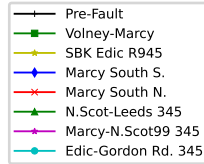
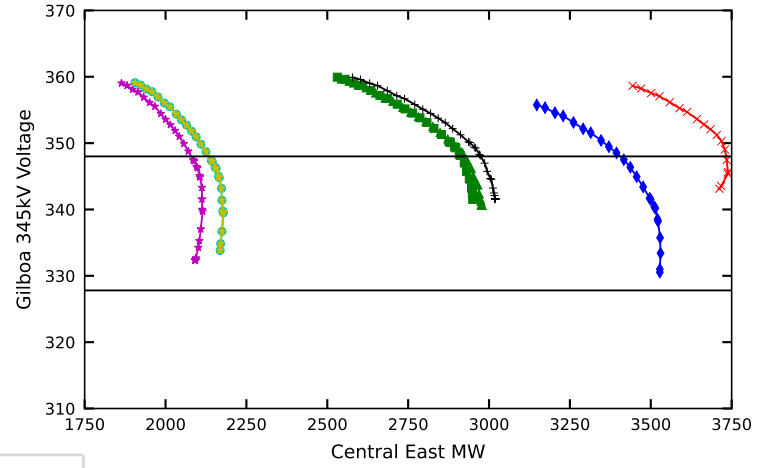
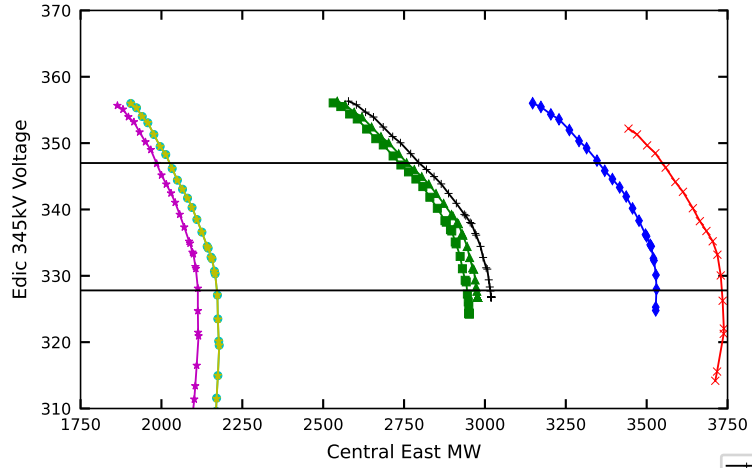
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



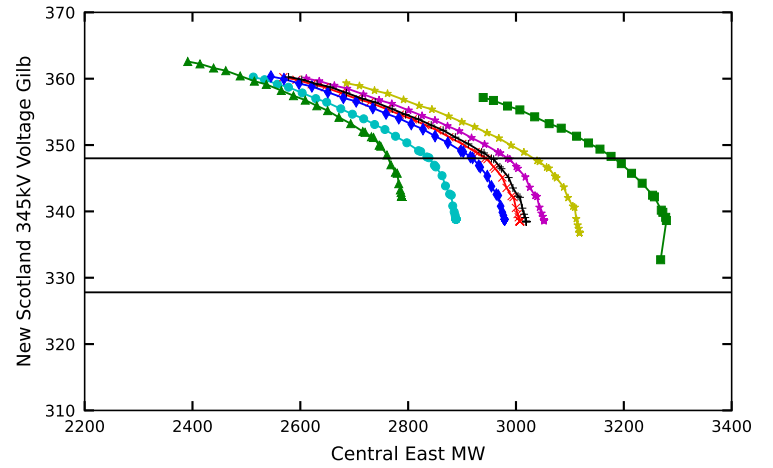
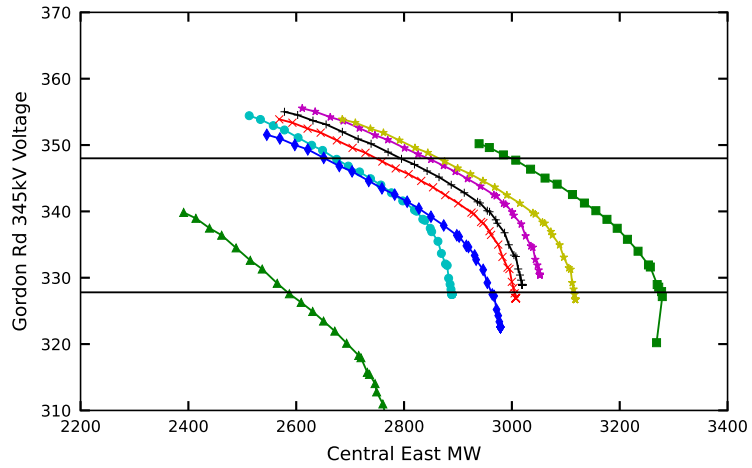
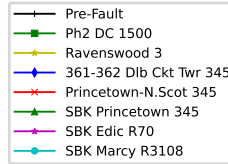
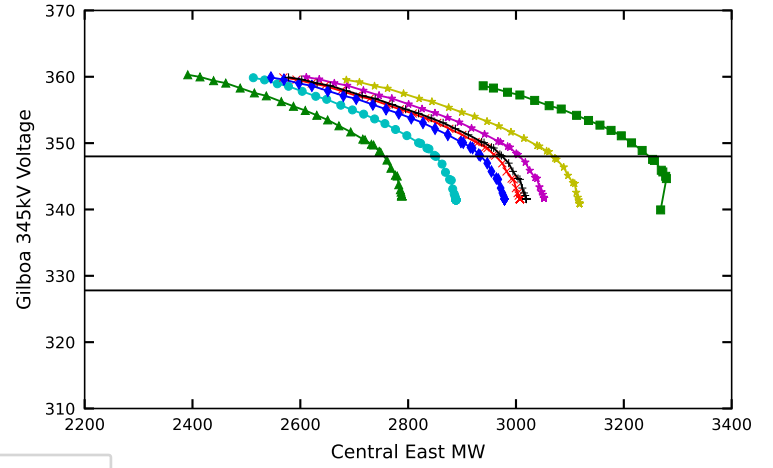
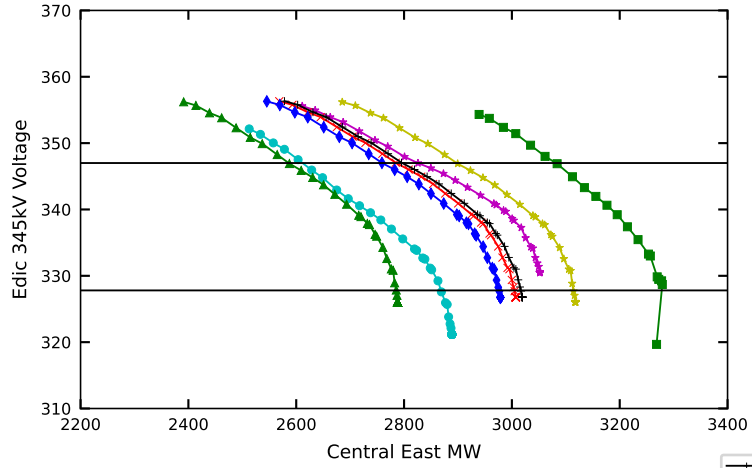
1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A Figure 2



1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A Figure 1



1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A

Interface: Central East

Transfer r MW	bas e	ce0 1	ce0 2	ce0 3	ce0 7	ce0 8	ce1 1	ce1 3	ce1 5	ce2 0	ce3 0	ce3 1	ce3 2	log0 9	log1 5
2578	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2602	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2631	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2655	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2685	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2714	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2738	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2770	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2795	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2819	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2842	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2864	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2887	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2911	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2936	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2940	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2954	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2958	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2970	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2972	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2986	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2994	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	2
3003	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	2
3007	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	2
3011	t2	0	0	0	0	2	1	0	0	0	0	0	0	0	2
3014	t2	0	0	0	0	2	2	0	0	0	0	0	0	0	2
3017	t2	0	0	0	0	2	2	0	0	0	0	0	0	0	2
3019	t2	0	2	0	0	2	2	2	0	0	0	0	0	0	2

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 4O 2A

Interface: Central East

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3019	t2	0	2	0	0	2	2	2	0	0	0	0	0	0	0	2
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3019	t3	0	2	0	0	2	2	2	0	0	0	0	0	0	0	2
	0															
3019	t3	0	2	0	0	2	2	2	0	0	0	0	0	0	0	2
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3019	t3	0	2	0	0	2	2	2	0	0	0	0	0	0	0	2
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3019	t3	0	2	0	0	2	2	2	0	0	0	0	0	0	0	2
	3															
3019	t3	0	2	0	0	2	2	2	0	0	0	0	0	0	0	2
	4															
3019	t3	0	2	0	0	2	2	2	0	0	0	0	0	0	0	2
	5															
3019	t3	0	2	0	0	2	2	2	0	0	0	0	0	0	0	2
	6															
3019	t3	0	2	0	0	2	2	2	0	0	0	0	0	0	0	2
	7															
3019	t3	0	2	0	0	2	2	2	0	0	0	0	0	0	0	2
	8															
3019	t3	0	2	0	0	2	2	2	0	0	0	0	0	0	0	2
	9															
3019	t4	0	2	0	0	2	2	2	0	0	0	0	0	0	0	2
	0															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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Interface: Central East

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Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 4O 2A

Interface: Central East

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Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2478 <E	Dunwoodie 345kV Voltage	Pre-Fault	108.7	NA	348	2478
2489 <E	Sprain Brook 345kV Voltage	Pre-Fault	108.9	NA	348	2489
2778	Marcy 345kV Voltage	Pre-Fault	18.1	NA	348	2778
2789	limit with 5% margin	Marcy South N.	NA	NA	NA	3551
2791	Gordon Rd 345kV Voltage	SBK Princetown 345	15.8	327.8	348.1	2584
2793	Gordon Rd 345kV Voltage	Pre-Fault	24.7	NA	348	2793
2796	Edic 345kV Voltage	Pre-Fault	23.3	NA	347	2796
2801	Millwood 345kV Voltage	Pre-Fault	114.0	NA	348	2801
2824	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3115
2844	limit with 5% margin	Marcy South S.	NA	NA	NA	3353
2856	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2069
2856	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2009
2856	limit with 5% margin	SBK Edic R945	NA	NA	NA	2069
2865	Gordon Rd 345kV Voltage	Marcy South N.	8.9	327.8	345.1	3719
2868	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2828
2868	limit with 5% margin	Volney-Marcy	NA	NA	NA	2804
2868	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2744
2868	limit with 5% margin	SBK Edic R70	NA	NA	NA	2899
2868	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2648
2868	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2856
2868	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2829
2868	limit with 5% margin	Ravenswood 3	NA	NA	NA	2961
2901	Edic 345kV Voltage	Marcy South N.	6.3	327.8	341.5	3732
2903	Marcy 345kV Voltage	Marcy South N.	6.3	327.8	341.4	3732
2904	Buchanan North 345kV Voltage	Pre-Fault	61.6	NA	346	2904
2925	Gordon Rd 345kV Voltage	Marcy South S.	10.1	327.8	342.0	3487
2941 >E	Oakdale 345kV Voltage	Marcy South N.	6.3	320	343.6	3739
2954	New Scotland 345kV Voltage Alps	Pre-Fault	16.6	NA	348	2954
2954	New Scotland 345kV Voltage Gilb	Pre-Fault	16.6	NA	348	2954
2970	Gordon Rd 345kV Voltage	Ph2 DC 1500	3.8	327.8	338.7	3277
2974	Gilboa 345kV Voltage	Pre-Fault	11.7	NA	348	2974
2977 >E	Edic 345kV Voltage	Ph2 DC 1500	5.2	327.8	335.7	3281
2978 >E	Marcy 345kV Voltage	Ph2 DC 1500	5.2	327.8	335.6	3281
2978	Pleasant Valley 345kV Voltage	Pre-Fault	17.3	NA	348	2978
2979 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.1	327.8	346.8	3745
2979 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.1	327.8	346.8	3745
2980	Marcy 345kV Voltage	SBK Edic R945	4.1	327.8	335.0	2169
2980	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.1	327.8	335.0	2169
2980	Rock Tavern 345kV Voltage	Pre-Fault	12.8	NA	348	2980
2983	Edic 345kV Voltage	SBK Edic R945	4.2	327.8	334.8	2171

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2983	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	334.8	2171
2985 >E	Clay 345kV Voltage	Marcy South N.	8.3	327.8	346.5	3745
2986	Station 80 345kV Voltage	Pre-Fault	7.5	NA	346	2986
2987	Edic 345kV Voltage	Marcy-N.Scot99 345	2.3	327.8	334.3	2112
2987	Pannell Road 345kV Voltage	Pre-Fault	7.1	NA	346	2987
2988	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	3.1	327.8	336.3	2112
2989	Coopers Corners 345kV Voltage	SBK Edic R945	2.9	327.8	339.3	2173
2989	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	339.3	2173
2989	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.3	327.8	333.7	2112
2990	Buchanan South 345kV Voltage	Pre-Fault	13.6	NA	346	2990
2990	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	339.0	2112
2991	Clay 345kV Voltage	Pre-Fault	7.5	NA	345	2991
2993	New Scotland 345kV Voltage Alps	Marcy South S.	3.3	327.8	343.8	3529
2993	New Scotland 345kV Voltage Gilb	Marcy South S.	3.3	327.8	343.8	3529
2993	Edic 345kV Voltage	SBK Marcy R3108	4.8	327.8	333.0	2868
2993	Fraser 345kV Voltage	Pre-Fault	4.3	NA	338	2993
2995 >E	Edic 345kV Voltage	Marcy South S.	3.7	327.8	332.6	3530
2995 >E	Marcy 345kV Voltage	Marcy South S.	3.7	327.8	332.3	3530
2996	Coopers Corners 345kV Voltage	Pre-Fault	7.6	NA	338	2996
2997	Fraser 345kV Voltage	SBK Edic R945	3.0	327.8	337.4	2175
2997	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	337.3	2175
2999	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	337.0	2113
3000	Oakdale 345kV Voltage	Pre-Fault	4.5	NA	335	3000
3002	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	5.4	327.8	333.7	2962
3005 >E	Ramapo 500kV Voltage	Ph2 DC 1500	16.0	500	507.0	3294
3010	Edic 345kV Voltage	Volney-Marcy	2.4	327.8	329.9	2944
3010	Marcy 345kV Voltage	Volney-Marcy	2.4	327.8	329.6	2944
3011	Ramapo 500kV Voltage	Ravenswood 3	2.1	500	505.2	3111
3013 >E	Gilboa 345kV Voltage	Marcy South S.	3.4	327.8	342.7	3533
3013 >E	Oakdale 345kV Voltage	SBK Edic R945	7.1	320	333.7	2181
3013 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	7.1	320	333.7	2181
3014	Edic 345kV Voltage	Ravenswood 3	2.7	327.8	328.4	3114
3014	Ramapo 345kV Voltage	Pre-Fault	9.0	NA	346	3014
3014	Marcy 345kV Voltage	Ravenswood 3	2.7	327.8	328.2	3114
3015	Marcy 345kV Voltage	SBK Princetown 345	2.6	327.8	328.1	2785
3015	Edic 345kV Voltage	SBK Princetown 345	2.6	327.8	328.3	2785
3016	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	2.6	327.8	330.0	2973
3016	Marcy 345kV Voltage	SBK Marcy R3108	3.4	327.8	327.8	2886
3016	Marcy 345kV Voltage	SBK Edic R70	3.4	327.8	327.8	3048
3016	Marcy 345kV Voltage	Princetown-N.Scot 345	3.4	327.8	327.8	3004

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3016	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.4	327.8	327.8	2975
3016	Marcy 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	327.8	2974
3016	Gordon Rd 345kV Voltage	Ravenswood 3	2.7	327.8	330.0	3115
3016	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.4	327.8	327.8	2976
3016	Edic 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	327.8	2974
3016	Edic 345kV Voltage	Princetown-N.Scot 345	3.4	327.8	327.8	3004
3016	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	2.6	327.8	329.8	3004
3018	Gordon Rd 345kV Voltage	SBK Marcy R3108	3.0	327.8	329.2	2888
3020 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	8.0	320	333.4	2119
3022 >E	Leeds 345kV Voltage	Pre-Fault	2.1	NA	345	3022
3022 >E	Gordon Rd 345kV Voltage	Volney-Marcy	3.1	327.8	327.8	2954
3027 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.3	327.8	326.3	3060
3028 >E	Edic 345kV Voltage	SBK Edic R70	3.5	327.8	324.1	3061
3029 >E	Roseton 345kV Voltage	Pre-Fault	3.9	NA	345	3029
3034 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	327.8	2997
3034 >E	Fraser 345kV Voltage	Volney-Marcy	4.1	327.8	327.8	2961
3034 >E	Fraser 345kV Voltage	SBK Marcy R3108	4.1	327.8	327.8	2899
3034 >E	Fraser 345kV Voltage	SBK Edic R70	4.1	327.8	327.8	3066
3034 >E	Fraser 345kV Voltage	SBK Princetown 345	4.1	327.8	327.8	2808
3034 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.8	3022
3034 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	327.8	2995
3034 >E	Fraser 345kV Voltage	Ravenswood 3	4.1	327.8	327.8	3130
3036 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	5.9	327.8	340.5	3308
3036 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	5.9	327.8	340.5	3308
3037 >E	Fraser 345kV Voltage	Marcy South S.	4.3	327.8	327.8	3538
3038 >E	Coopers Corners 345kV Voltage	Ravenswood 3	16.4	327.8	332.3	3133
3038 >E	Oakdale 345kV Voltage	SBK Marcy R3108	4.1	320	324.7	2902
3041 >E	Leeds 345kV Voltage	Marcy South S.	4.1	327.8	343.1	3538
3045 >E	Oakdale 345kV Voltage	Volney-Marcy	4.1	320	323.3	2969
3047 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	3.2	327.8	329.5	3141
3047 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	3.2	327.8	329.5	3141
3050 >E	Oakdale 345kV Voltage	Ravenswood 3	4.3	320	322.2	3143
3051 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	4.1	327.8	328.5	3020
3051 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	4.1	327.8	328.5	3020
3052 >E	Ladentown 345kV Voltage	Pre-Fault	36.2	NA	346	3052
3052 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.3	320	321.7	2833
3052 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	3.1	327.8	328.0	2974
3052 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	3.1	327.8	328.0	2974

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3053 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	3.2	327.8	327.8	3041
3053 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	3.2	327.8	327.8	3041
3053 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	3.2	327.8	327.6	3086
3053 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	3.2	327.8	327.6	3086
3054 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	3.2	327.8	327.4	2913
3054 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	3.2	327.8	327.4	2913
3055 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	3.3	327.8	327.2	3017
3055 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	3.3	327.8	327.2	3017
3055 >E	Fraser 345kV Voltage	Ph2 DC 1500	6.3	327.8	335.5	3317
3056 >E	Clay 345kV Voltage	SBK Marcy R3108	4.3	327.8	332.8	2914
3058 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	2.1	327.8	327.8	3029
3058 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	2.1	327.8	327.8	3046
3058 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	2.1	327.8	327.8	3020
3058 >E	Leeds 345kV Voltage	Volney-Marcy	2.1	327.8	327.8	2978
3058 >E	Leeds 345kV Voltage	SBK Marcy R3108	2.1	327.8	327.8	2915
3058 >E	Leeds 345kV Voltage	SBK Edic R70	2.1	327.8	327.8	3090
3058 >E	Leeds 345kV Voltage	SBK Princetown 345	2.1	327.8	327.8	2840
3058 >E	Leeds 345kV Voltage	Ravenswood 3	2.1	327.8	327.8	3150
3058 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	4.5	320	320.2	3021
3059 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	4.5	320	320.1	3031
3059 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	4.5	320	320.1	3048
3061 >E	St.Lawrence 230kV Voltage	Pre-Fault	17.6	NA	225	3061
3061 >E	Clay 345kV Voltage	Volney-Marcy	4.0	327.8	331.7	2980
3062 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	8.0	327.8	341.9	2202
3062 >E	Clay 345kV Voltage	SBK Edic R945	8.0	327.8	341.9	2202
3063 >E	Oakdale 345kV Voltage	Marcy South S.	4.0	320	319.1	3543
3063 >E	Oakdale 345kV Voltage	SBK Edic R70	4.5	320	319.2	3095
3066 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	3.3	327.8	323.7	2852
3066 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	3.3	327.8	323.7	2852
3067 >E	Gilboa 345kV Voltage	Ravenswood 3	3.7	327.8	328.5	3158
3069 >E	Oakdale 345kV Voltage	Ph2 DC 1500	6.7	320	334.2	3323
3069 >E	Gilboa 345kV Voltage	SBK Marcy R3108	3.7	327.8	328.0	2923
3070 >E	Gilboa 345kV Voltage	Volney-Marcy	3.7	327.8	328.0	2986
3070 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	3059
3070 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	327.8	3047
3070 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	9.1	327.8	336.8	3324
3070 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr	3.8	327.8	327.7	3034

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3071 >E	Gilboa 345kV Voltage	SBK Edic R70	3.7	327.8	327.6	3103
3071 >E	Clay 345kV Voltage	Ravenswood 3	4.4	327.8	329.6	3161
3072 >E	Gilboa 345kV Voltage	SBK Princetown 345	3.7	327.8	327.2	2860
3074 >E	Clay 345kV Voltage	SBK Princetown 345	4.6	327.8	329.0	2863
3075 >E	Roseton 345kV Voltage	Ravenswood 3	3.5	327.8	333.3	3164
3079 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	327.9	3044
3079 >E	Clay 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	3068
3080 >E	Clay 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	327.8	3059
3080 >E	Clay 345kV Voltage	Ph2 DC 1500	7.6	327.8	341.6	3328
3081 >E	Clay 345kV Voltage	Marcy South S.	6.0	327.8	332.9	3546
3082 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	9.4	327.8	341.3	2144
3086 >E	Clay 345kV Voltage	SBK Edic R70	4.7	327.8	326.4	3118
3087 >E	Dunwoodie 345kV Voltage	Ravenswood 3	15.6	327.8	336.0	3174
3088 >E	Pannell Road 345kV Voltage	Marcy South N.	13.8	327.8	344.3	3761
3089 >E	Pleasant Valley 345kV Voltage	Marcy South S.	7.5	327.8	337.2	3548
3089 >E	Sprain Brook 345kV Voltage	Ravenswood 3	15.8	327.8	336.0	3176
3096 >E	Pannell Road 345kV Voltage	Marcy South S.	6.3	327.8	330.6	3549
3096 >E	Roseton 345kV Voltage	SBK Edic R70	3.9	327.8	328.0	3128
3097 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	3085
3097 >E	Roseton 345kV Voltage	Volney-Marcy	3.9	327.8	327.6	3005
3097 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	4.0	327.8	327.6	3063
3098 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	6.3	327.8	330.6	2943
3098 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	327.5	3085
3098 >E	Roseton 345kV Voltage	SBK Princetown 345	4.0	327.8	327.3	2896
3099 >E	St.Lawrence 230kV Voltage	Volney-Marcy	10.0	218.5	222.8	3006
3099 >E	Pannell Road 345kV Voltage	Volney-Marcy	6.0	327.8	330.4	3006
3099 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	11.0	218.5	222.8	2944
3101 >E	Roseton 345kV Voltage	SBK Marcy R3108	4.0	327.8	326.8	2945
3101 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	25.6	500	505.2	2219
3101 >E	Ramapo 500kV Voltage	SBK Edic R945	25.6	500	505.2	2219
3102 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	26.5	500	505.2	2152
3103 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	24.4	327.8	329.4	2902
3105 >E	Pannell Road 345kV Voltage	Ravenswood 3	6.3	327.8	329.4	3189
3108 >E	Station 80 345kV Voltage	Marcy South S.	6.9	327.8	329.9	3551
3111 >E	Pannell Road 345kV Voltage	SBK Princetown 345	6.4	327.8	328.7	2912
3112 >E	Gilboa 345kV Voltage	Ph2 DC 1500	8.3	327.8	339.8	3343
3113 >E	Coopers Corners 345kV Voltage	SBK Edic R70	22.1	327.8	329.0	3144
3115 >E	St.Lawrence 230kV Voltage	Marcy South S.	12.2	218.5	219.9	3552

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3116 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	6.6	327.8	327.8	3084
3116 >E	Pannell Road 345kV Voltage	Princeton-N.Scot 345	6.6	327.8	327.8	3105
3116 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	6.7	327.8	327.8	3110
3117 >E	Station 80 345kV Voltage	Volney-Marcy	7.0	327.8	329.9	3018
3118 >E	Station 80 345kV Voltage	SBK Marcy R3108	7.3	327.8	329.8	2957
3121 >E	Pannell Road 345kV Voltage	SBK Edic R70	6.6	327.8	327.1	3152
3121 >E	Station 80 345kV Voltage	Ravenswood 3	7.2	327.8	329.4	3202
3121 >E	Ramapo 500kV Voltage	Volney-Marcy	23.4	500	500.4	3021
3123 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	8.1	327.8	332.3	3204
3127 >E	Millwood 345kV Voltage	Ravenswood 3	15.0	327.8	336.0	3207
3127 >E	Station 80 345kV Voltage	SBK Princetown 345	7.4	327.8	328.6	2935
3129 >E	Ramapo 500kV Voltage	SBK Princetown 345	26.8	500	500.1	2937
3131 >E	Coopers Corners 345kV Voltage	Volney-Marcy	19.3	327.8	328.2	3027
3131 >E	Ramapo 500kV Voltage	SBK Edic R70	25.1	500	500.0	3162
3131 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	24.9	500	500.0	3120
3132 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	25.4	500	500.0	3101
3132 >E	Ramapo 500kV Voltage	Pre-Fault	25.0	NA	500	3132
3133 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	7.6	327.8	327.8	3102
3133 >E	Station 80 345kV Voltage	Princeton-N.Scot 345	7.6	327.8	327.8	3122
3133 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	7.6	327.8	327.8	3133
3135 >E	Station 80 345kV Voltage	Marcy South N.	15.8	327.8	343.0	3768
3136 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	23.4	327.8	327.9	3106
3136 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	27.4	500	499.8	3137
3137 >E	Coopers Corners 345kV Voltage	Princeton-N.Scot 345	22.5	327.8	327.9	3126
3137 >E	Station 80 345kV Voltage	SBK Edic R70	7.6	327.8	327.3	3168
3138 >E	Ramapo 500kV Voltage	SBK Marcy R3108	26.6	500	499.8	2971
3138 >E	St.Lawrence 230kV Voltage	Ravenswood 3	14.3	218.5	220.6	3217
3140 >E	Ramapo 500kV Voltage	Marcy South S.	23.8	500	502.8	3557
3145 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	26.8	327.8	327.6	3148
3152 >E	Gilboa 345kV Voltage	SBK Edic R945	12.4	327.8	339.3	2241
3152 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	12.4	327.8	339.3	2241
3153 >E	Bowline 1 345kV Voltage	Pre-Fault	37.1	NA	345	3153
3157 >E	Pannell Road 345kV Voltage	SBK Edic R945	13.2	327.8	340.7	2244
3157 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	13.2	327.8	340.7	2244
3157 >E	St.Lawrence 230kV Voltage	SBK Edic R945	19.4	218.5	226.3	2244
3157 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	19.4	218.5	226.3	2244
3157 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	11.9	327.8	340.3	3364

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3157 >E	Buchanan North 345kV Voltage	Ravenswood 3	20.2	327.8	336.3	3233
3160 >E	Fraser 345kV Voltage	Marcy South N.	13.0	327.8	327.8	3772
3160 >E	Bowline 2 345kV Voltage	Pre-Fault	36.8	NA	345	3160
3161 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	8.7	327.8	327.9	3191
3161 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	8.6	327.8	327.8	3151
3163 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	8.6	327.8	327.6	3049
3163 >E	Dunwoodie 345kV Voltage	Marcy South S.	13.1	327.8	329.9	3561
3165 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	8.8	327.8	327.4	3137
3165 >E	Leeds 345kV Voltage	Ph2 DC 1500	8.4	327.8	342.9	3368
3165 >E	Sprain Brook 345kV Voltage	Marcy South S.	13.1	327.8	329.8	3562
3170 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	8.9	327.8	326.7	2994
3171 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	17.1	218.5	218.7	2994
3171 >E	Buchanan South 345kV Voltage	Ravenswood 3	16.7	327.8	336.4	3244
3172 >E	Somerset 345kV Voltage	Marcy South S.	7.5	327.8	329.0	3563
3172 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	9.5	327.8	326.5	3186
3172 >E	Millwood 345kV Voltage	Marcy South S.	11.8	327.8	330.6	3563
3173 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	9.0	327.8	326.4	2997
3174 >E	Leeds 345kV Voltage	Marcy South N.	11.8	327.8	347.0	3774
3175 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	14.1	327.8	338.4	2180
3175 >E	Gordon Rd 345kV Voltage	SBK Edic R945	13.9	327.8	323.5	2251
3175 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	13.9	327.8	323.5	2251
3175 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	17.6	218.5	218.5	3190
3175 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	17.6	218.5	218.5	3165
3176 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	17.6	218.5	218.5	3148
3177 >E	Gilboa 345kV Voltage	Marcy South N.	13.5	327.8	339.7	3774
3185 >E	St.Lawrence 230kV Voltage	SBK Edic R70	18.6	218.5	217.9	3215
3186 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	14.1	327.8	333.8	2256
3186 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	14.1	327.8	333.8	2256
3186 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	14.1	327.8	333.8	2256
3186 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	14.1	327.8	333.8	2256
3188 >E	Station 80 345kV Voltage	Ph2 DC 1500	13.9	327.8	339.8	3378
3190 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	15.3	327.8	339.9	2187
3200 >E	Roseton 345kV Voltage	Marcy South S.	10.0	327.8	331.8	3568
3201 >E	Station 80 345kV Voltage	SBK Edic R945	15.6	327.8	339.9	2263
3201 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	15.6	327.8	339.9	2263
3208 >E	Somerset 345kV Voltage	Pre-Fault	14.6	NA	338	3208
3210 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	15.5	327.8	332.7	2194
3210 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	15.5	327.8	332.7	2194
3211 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	25.4	218.5	225.4	3389

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3212 >E	St.Lawrence 230kV Voltage	Marcy South N.	28.7	218.5	225.6	3780
3212 >E	Watercure 230kV Voltage	Pre-Fault	11.2	NA	215	3212
3214 >E	Niagara 345kV Voltage	Marcy South S.	7.6	327.8	328.3	3571
3219 >E	Buchanan South 345kV Voltage	Marcy South S.	12.5	327.8	329.1	3572
3238 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	18.0	327.8	339.0	2205
3244 >E	Buchanan North 345kV Voltage	Marcy South S.	14.4	327.8	326.1	3577
3246 >E	Dunwoodie 345kV Voltage	SBK Edic R70	19.7	327.8	327.9	3275
3248 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	19.7	327.8	327.8	3238
3251 >E	Dunwoodie 345kV Voltage	Volney-Marcy	19.6	327.8	327.7	3109
3252 >E	Sprain Brook 345kV Voltage	SBK Edic R70	20.1	327.8	327.9	3281
3254 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	20.0	327.8	327.8	3244
3255 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	20.3	327.8	327.5	3235
3256 >E	Sprain Brook 345kV Voltage	Volney-Marcy	19.8	327.8	327.7	3113
3258 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	29.6	218.5	225.0	2213
3262 >E	Watercure 230kV Voltage	SBK Marcy R3108	10.2	207	210.6	3057
3262 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	20.7	327.8	327.4	3242
3264 >E	Watercure 230kV Voltage	Volney-Marcy	10.1	207	210.4	3118
3271 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	21.2	327.8	326.7	3130
3271 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	22.0	327.8	326.7	3320
3272 >E	Watercure 230kV Voltage	Ravenswood 3	10.5	207	209.7	3328
3273 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	16.0	327.8	341.7	3418
3277 >E	Millwood 345kV Voltage	SBK Edic R70	18.6	327.8	327.9	3306
3277 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	21.5	327.8	326.7	3139
3279 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	18.6	327.8	327.8	3269
3279 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	22.5	327.8	326.6	3332
3280 >E	Millwood 345kV Voltage	Volney-Marcy	18.3	327.8	327.8	3129
3280 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	21.4	327.8	326.2	3070
3286 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	21.1	327.8	340.1	3424
3286 >E	Watercure 230kV Voltage	SBK Princetown 345	10.7	207	208.4	3150
3287 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	19.1	327.8	327.4	3269
3288 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	21.9	327.8	326.1	3076
3289 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	21.9	327.8	341.9	2301
3289 >E	Rock Tavern 345kV Voltage	SBK Edic R945	21.9	327.8	341.9	2301
3301 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	11.1	207	207.1	3284
3301 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	11.2	207	207.0	3292
3302 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	11.2	207	207.0	3362
3306 >E	Millwood 345kV Voltage	SBK Princetown 345	20.1	327.8	326.4	3177

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3306 >E	Watercure 230kV Voltage	SBK Edic R70	11.2	207	206.6	3334
3306 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	17.4	327.8	342.2	3433
3307 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	36.4	327.8	320.4	3088
3309 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	21.1	327.8	326.2	3373
3317 >E	Millwood 345kV Voltage	SBK Marcy R3108	20.4	327.8	325.8	3095
3319 >E	Somerset 345kV Voltage	Ravenswood 3	13.5	327.8	330.4	3367
3321 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	23.8	327.8	341.4	2238
3325 >E	Somerset 345kV Voltage	Volney-Marcy	13.4	327.8	330.0	3160
3325 >E	Watercure 230kV Voltage	Ph2 DC 1500	16.3	207	222.6	3442
3333 >E	Ladentown 345kV Voltage	Ravenswood 3	23.6	327.8	338.2	3379
3335 >E	Ladentown 345kV Voltage	Marcy South S.	14.4	327.8	325.1	3594
3335 >E	Millwood 345kV Voltage	Ph2 DC 1500	22.0	327.8	340.8	3447
3342 >E	Rock Tavern 345kV Voltage	Marcy South S.	13.2	327.8	313.1	3595
3342 >E	Somerset 345kV Voltage	SBK Marcy R3108	14.3	327.8	328.8	3113
3345 >E	Somerset 345kV Voltage	SBK Princetown 345	14.1	327.8	328.6	3230
3346 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	21.0	327.8	341.9	3452
3353 >E	Pleasant Valley 345kV Voltage	Marcy South N.	22.8	327.8	340.7	3801
3354 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	26.5	327.8	339.2	3455
3355 >E	Buchanan South 345kV Voltage	SBK Edic R70	21.7	327.8	327.9	3383
3356 >E	Buchanan South 345kV Voltage	Volney-Marcy	21.2	327.8	327.9	3180
3357 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	14.6	327.8	327.8	3345
3357 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	21.6	327.8	327.8	3348
3357 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	14.6	327.8	327.8	3438
3357 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	14.6	327.8	327.8	3348
3358 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	26.8	327.8	339.1	3457
3358 >E	Somerset 345kV Voltage	SBK Edic R70	14.5	327.8	327.7	3385
3359 >E	Bowline 1 345kV Voltage	Marcy South S.	14.4	327.8	325.0	3598
3360 >E	Ramapo 345kV Voltage	Marcy South S.	15.8	327.8	323.0	3598
3363 >E	Bowline 2 345kV Voltage	Marcy South S.	14.3	327.8	325.0	3599
3369 >E	Ramapo 345kV Voltage	Ph2 DC 1500	20.5	327.8	343.3	3462
3370 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	22.4	327.8	327.3	3359
3370 >E	Watercure 230kV Voltage	SBK Edic R945	17.6	207	224.5	2336
3370 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	17.6	207	224.5	2336
3382 >E	Bowline 1 345kV Voltage	Ravenswood 3	24.2	327.8	338.8	3419
3384 >E	Bowline 2 345kV Voltage	Ravenswood 3	24.0	327.8	338.9	3421
3391 >E	Ladentown 345kV Voltage	Ph2 DC 1500	20.2	327.8	344.2	3472
3394 >E	Ramapo 345kV Voltage	Ravenswood 3	29.9	327.8	338.6	3429
3394 >E	Buchanan North 345kV Voltage	Volney-Marcy	27.8	327.8	328.1	3207
3397 >E	Buchanan North 345kV Voltage	SBK Edic R70	28.8	327.8	328.0	3424

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3397 >E	Buchanan South 345kV Voltage	SBK Princetown 345	23.9	327.8	326.0	3301
3400 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	28.7	327.8	327.9	3392
3405 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	25.0	327.8	325.6	3503
3409 >E	Roseton 345kV Voltage	Ph2 DC 1500	19.7	327.8	343.7	3481
3411 >E	Niagara 230kV East Voltage	Marcy South S.	27.6	218.5	218.9	3608
3411 >E	Niagara 230kV West Voltage	Marcy South S.	27.6	218.5	218.9	3608
3412 >E	Watercure 230kV Voltage	Marcy South N.	30.1	207	232.4	3810
3416 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	29.9	327.8	327.3	3409
3417 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	19.7	207	223.4	2276
3418 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	24.5	327.8	325.0	3166
3422 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	20.2	327.8	345.3	3487
3431 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	20.2	327.8	345.6	3491
3454 >E	Ramapo 500kV Voltage	Marcy South N.	73.3	500	506.5	3816
3455 >E	Buchanan North 345kV Voltage	SBK Princetown 345	32.9	327.8	325.9	3380
3461 >E	Coopers Corners 345kV Voltage	Marcy South N.	19.9	327.8	312.9	3817
3462 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	33.9	327.8	325.7	3581
3468 >E	Coopers Corners 345kV Voltage	Marcy South S.	13.1	327.8	254.6	3618
3487 >E	Buchanan North 345kV Voltage	SBK Edic R945	37.3	327.8	337.7	2387
3487 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	37.3	327.8	337.7	2387
3500 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	34.6	327.8	324.4	3223
3522 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	39.4	327.8	337.3	2317
3543 >E	Somerset 345kV Voltage	Ph2 DC 1500	25.0	327.8	342.5	3543
3545 >E	Rock Tavern 345kV Voltage	Ravenswood 3	47.1	327.8	342.8	3554
3558 >E	Ramapo 345kV Voltage	SBK Edic R945	32.9	327.8	341.3	2418
3558 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	32.9	327.8	341.3	2418
3600 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	35.0	327.8	340.8	2348
3603 >E	Niagara 345kV Voltage	Pre-Fault	30.8	NA	338	3603
3623 >E	Somerset 345kV Voltage	Marcy South N.	31.3	327.8	344.9	3842
3627 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	28.7	327.8	342.9	2448
3627 >E	Somerset 345kV Voltage	SBK Edic R945	28.7	327.8	342.9	2448
3640 >E	Ladentown 345kV Voltage	SBK Edic R945	34.5	327.8	341.6	2454
3641 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	34.5	327.8	341.6	2454
3644 >E	Niagara 230kV East Voltage	Pre-Fault	75.4	NA	225	3644
3644 >E	Niagara 230kV West Voltage	Pre-Fault	75.4	NA	225	3644
3651 >E	Millwood 345kV Voltage	Marcy South N.	39.6	327.8	336.0	3846
3670 >E	Roseton 345kV Voltage	Marcy South N.	30.8	327.8	338.5	3849
3672 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	30.9	327.8	327.8	2468
3672 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	30.9	327.8	327.8	2376
3672 >E	Leeds 345kV Voltage	SBK Edic R945	30.9	327.8	327.8	2468
3682 >E	Ladentown 345kV Voltage	Volney-Marcy	34.3	327.8	328.6	3402

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3682 >E	Dunwoodie 345kV Voltage	Marcy South N.	47.8	327.8	334.8	3850
3683 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	42.5	327.8	338.6	2472
3683 >E	Buchanan South 345kV Voltage	SBK Edic R945	42.5	327.8	338.6	2472
3687 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	36.6	327.8	341.1	2382
3688 >E	Sprain Brook 345kV Voltage	Marcy South N.	47.8	327.8	334.8	3851
3690 >E	Rainey 345kV Voltage	Ravenswood 3	37.0	327.8	342.3	3675
3693 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	34.3	327.8	342.7	2477
3693 >E	Bowline 1 345kV Voltage	SBK Edic R945	34.3	327.8	342.7	2477
3701 >E	Ladentown 345kV Voltage	SBK Edic R70	36.1	327.8	328.1	3724
3705 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	35.9	327.8	328.0	3699
3705 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	34.3	327.8	342.9	2482
3705 >E	Bowline 2 345kV Voltage	SBK Edic R945	34.3	327.8	342.9	2482
3724 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	33.0	327.8	341.6	2397
3727 >E	Farragut 345kV Voltage	Ravenswood 3	38.5	327.8	341.7	3706
3732 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	45.0	327.8	338.1	2400
3739 >E	Millwood 345kV Voltage	SBK Edic R945	49.5	327.8	337.1	2497
3739 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	49.5	327.8	337.1	2497
3742 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	36.4	327.8	342.1	2404
3744 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	38.0	327.8	326.9	3766
3755 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	36.4	327.8	342.3	2409
3757 >E	Buchanan South 345kV Voltage	Marcy South N.	40.7	327.8	335.6	3862
3759 >E	Bowline 2 345kV Voltage	Volney-Marcy	34.8	327.8	328.7	3455
3760 >E	Bowline 1 345kV Voltage	Volney-Marcy	35.2	327.8	328.6	3456
3772 >E	Rock Tavern 345kV Voltage	Marcy South N.	32.7	327.8	327.1	3864
3777 >E	Buchanan North 345kV Voltage	Marcy South N.	45.4	327.8	333.0	3865
3786 >E	Niagara 345kV Voltage	Ravenswood 3	26.8	327.8	332.1	3755
3786 >E	Bowline 2 345kV Voltage	SBK Edic R70	36.8	327.8	328.0	3808
3787 >E	Sprain Brook 345kV Voltage	SBK Edic R945	61.5	327.8	335.9	2518
3787 >E	Bowline 1 345kV Voltage	SBK Edic R70	37.3	327.8	327.9	3808
3787 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	61.5	327.8	335.9	2518
3788 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	37.0	327.8	327.9	3783
3790 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	36.7	327.8	327.9	3785
3794 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	52.4	327.8	336.6	2425
3802 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	63.0	327.8	335.8	2524
3802 >E	Dunwoodie 345kV Voltage	SBK Edic R945	63.0	327.8	335.8	2524
3817 >E	Roseton 345kV Voltage	SBK Edic R945	40.6	327.8	339.5	2531
3818 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	40.6	327.8	339.5	2531
3832 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	38.7	327.8	326.8	3860
3833 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr	39.2	327.8	326.7	3862

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3846 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	45.6	327.8	334.1	2543
3846 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	45.6	327.8	334.1	2543
3847 >E	Niagara 345kV Voltage	Volney-Marcy	28.5	327.8	330.1	3515
3848 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	65.2	327.8	335.4	2446
3862 >E	Ladentown 345kV Voltage	SBK Princetown 345	44.3	327.8	323.6	3932
3864 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	66.7	327.8	335.4	2452
3868 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	45.0	327.8	323.5	4134
3873 >E	Niagara 230kV East Voltage	Ravenswood 3	58.8	218.5	222.0	3827
3873 >E	Niagara 230kV West Voltage	Ravenswood 3	58.8	218.5	222.0	3827
3877 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	43.1	327.8	338.7	2457
3889 >E	Niagara 345kV Voltage	SBK Princetown 345	29.9	327.8	328.7	3970
3901 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	47.9	327.8	333.3	2467
3902 >E	Ramapo 345kV Voltage	Volney-Marcy	48.9	327.8	329.1	3553
3905 >E	Niagara 345kV Voltage	SBK Marcy R3108	30.5	327.8	328.2	3505
3917 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	30.8	327.8	327.8	3953
3918 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	30.8	327.8	327.8	4201
3918 >E	Niagara 345kV Voltage	SBK Edic R70	30.8	327.8	327.8	3937
3921 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	30.9	327.8	327.7	3917
3955 >E	Ladentown 345kV Voltage	SBK Marcy R3108	47.3	327.8	321.1	3539
3958 >E	Ramapo 345kV Voltage	SBK Edic R70	53.2	327.8	328.0	3977
3962 >E	Rainey 345kV Voltage	Pre-Fault	63.1	NA	338	3962
3962 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	52.9	327.8	327.9	3959
3966 >E	Farragut 345kV Voltage	Pre-Fault	65.4	NA	338	3966
3966 >E	Bowline 2 345kV Voltage	SBK Princetown 345	45.2	327.8	323.1	4074
3970 >E	Bowline 1 345kV Voltage	SBK Princetown 345	45.9	327.8	323.0	4079
3973 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	46.4	327.8	322.9	4277
3979 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	46.1	327.8	322.8	4285
4016 >E	Ladentown 345kV Voltage	Marcy South N.	44.0	327.8	333.8	3901
4024 >E	Ramapo 345kV Voltage	Marcy South N.	46.0	327.8	332.0	3902
4038 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	57.2	327.8	326.5	4084
4042 >E	Niagara 230kV East Voltage	Volney-Marcy	69.4	218.5	219.7	3648
4042 >E	Niagara 230kV West Voltage	Volney-Marcy	69.4	218.5	219.7	3648
4047 >E	Goethals 345kV Voltage	Ravenswood 3	51.1	327.8	341.2	3972
4061 >E	Gardenville 230kV Voltage	Pre-Fault	57.5	NA	217	4061
4080 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	48.9	327.8	320.0	3626
4086 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	49.7	327.8	319.8	3631
4094 >E	Bowline 1 345kV Voltage	Marcy South N.	44.2	327.8	334.1	3913
4096 >E	Niagara 230kV East Voltage	SBK Princetown 345	73.0	218.5	219.0	4251

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4096 >E	Niagara 230kV West Voltage	SBK Princetown 345	73.0	218.5	219.0	4251
4110 >E	Bowline 2 345kV Voltage	Marcy South N.	44.1	327.8	334.3	3915
4122 >E	Niagara 230kV East Voltage	SBK Marcy R3108	74.8	218.5	218.7	3656
4122 >E	Niagara 230kV West Voltage	SBK Marcy R3108	74.8	218.5	218.7	3656
4133 >E	Rainey 345kV Voltage	Marcy South S.	44.7	327.8	330.6	3743
4134 >E	Niagara 230kV East Voltage	SBK Edic R70	75.4	218.5	218.5	4150
4134 >E	Niagara 230kV West Voltage	SBK Edic R70	75.4	218.5	218.5	4150
4134 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	75.4	218.5	218.5	4133
4134 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	75.4	218.5	218.5	4133
4139 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	75.8	218.5	218.4	4193
4139 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	75.8	218.5	218.4	4193
4139 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	75.8	218.5	218.4	4503
4139 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	75.8	218.5	218.4	4503
4163 >E	Farragut 345kV Voltage	Marcy South S.	46.8	327.8	330.5	3748
4301 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	72.7	327.8	321.6	4724
4308 >E	Gardenville 230kV Voltage	Ravenswood 3	46.3	207	212.7	4189
4315 >E	Ramapo 345kV Voltage	SBK Princetown 345	73.3	327.8	321.3	4547
4340 >E	Goethals 345kV Voltage	Pre-Fault	90.9	NA	338	4340
4395 >E	Gardenville 230kV Voltage	Marcy South S.	50.4	207	208.5	3792
4413 >E	Niagara 345kV Voltage	Ph2 DC 1500	50.0	327.8	344.1	3946
4475 >E	Gardenville 230kV Voltage	Volney-Marcy	52.1	207	209.8	3943
4551 >E	Gardenville 230kV Voltage	SBK Marcy R3108	54.9	207	208.5	3953
4569 >E	Gardenville 230kV Voltage	SBK Princetown 345	55.4	207	208.2	4893
4589 >E	Rainey 345kV Voltage	Volney-Marcy	62.3	327.8	328.1	4020
4596 >E	Ramapo 345kV Voltage	SBK Marcy R3108	85.0	327.8	316.0	3985
4600 >E	Goethals 345kV Voltage	Marcy South S.	64.4	327.8	330.2	3830
4604 >E	Rainey 345kV Voltage	SBK Edic R70	63.1	327.8	327.8	4613
4606 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	63.1	327.8	327.8	4609
4615 >E	Farragut 345kV Voltage	Volney-Marcy	64.5	327.8	328.1	4037
4616 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	57.3	327.8	345.1	2879
4617 >E	Niagara 345kV Voltage	SBK Edic R945	57.3	327.8	345.1	2879
4630 >E	Farragut 345kV Voltage	SBK Edic R70	65.4	327.8	327.8	4640
4633 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	65.4	327.8	327.8	4636
4635 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	57.5	207	207.0	4732
4636 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	57.5	207	207.0	4639
4640 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	64.5	327.8	327.3	4738
4643 >E	Gardenville 230kV Voltage	SBK Edic R70	57.7	207	206.9	4652

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4656 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	58.3	207	206.7	5208
4681 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	67.3	327.8	327.1	4782
4705 >E	Rainey 345kV Voltage	SBK Princetown 345	66.8	327.8	326.2	5077
4736 >E	Rainey 345kV Voltage	SBK Marcy R3108	67.8	327.8	325.7	4083
4750 >E	Farragut 345kV Voltage	SBK Princetown 345	69.9	327.8	326.0	5139
4766 >E	Niagara 230kV East Voltage	Ph2 DC 1500	120.2	218.5	226.8	4110
4766 >E	Niagara 230kV West Voltage	Ph2 DC 1500	120.2	218.5	226.8	4110
4770 >E	Farragut 345kV Voltage	SBK Marcy R3108	70.5	327.8	325.7	4106
4801 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	71.0	327.8	324.7	5405
4810 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	72.7	327.8	325.1	5418
4861 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	65.9	327.8	343.4	2845
4903 >E	Niagara 230kV East Voltage	SBK Edic R945	129.1	218.5	227.9	3004
4903 >E	Niagara 230kV West Voltage	SBK Edic R945	129.1	218.5	227.9	3004
4903 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	129.1	218.5	227.9	3004
4903 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	129.1	218.5	227.9	3004
5000 >E	Rainey 345kV Voltage	Ph2 DC 1500	78.7	327.8	347.4	4218
5015 >E	Farragut 345kV Voltage	Ph2 DC 1500	80.9	327.8	347.0	4226
5025 >E	Niagara 345kV Voltage	Marcy South N.	72.8	327.8	348.0	4053
5227 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	150.9	218.5	226.9	2990
5227 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	150.9	218.5	226.9	2990
5246 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	90.0	327.8	328.0	5254
5250 >E	Goethals 345kV Voltage	Volney-Marcy	90.0	327.8	328.0	4470
5265 >E	Goethals 345kV Voltage	SBK Edic R70	90.9	327.8	327.8	5265
5338 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	93.7	327.8	327.0	5495
5417 >E	Goethals 345kV Voltage	SBK Princetown 345	96.7	327.8	326.2	6044
5449 >E	Goethals 345kV Voltage	SBK Marcy R3108	97.8	327.8	325.8	4578
5542 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	102.1	327.8	324.8	6415
5583 >E	Gardenville 230kV Voltage	Ph2 DC 1500	93.8	207	224.5	4489
5632 >E	Goethals 345kV Voltage	Ph2 DC 1500	105.9	327.8	347.3	4512
5655 >E	Gardenville 230kV Voltage	SBK Edic R945	97.3	207	227.3	3331
5655 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	97.3	207	227.3	3331
6032 >E	Niagara 230kV East Voltage	Marcy South N.	209.4	218.5	230.8	4205
6032 >E	Niagara 230kV West Voltage	Marcy South N.	209.4	218.5	230.8	4205
6125 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	114.3	207	225.9	3343
6876 >E	Rainey 345kV Voltage	Marcy South N.	150.0	327.8	339.5	4332
6932 >E	Farragut 345kV Voltage	Marcy South N.	155.2	327.8	339.3	4341
7046 >E	Northport 138kV Voltage	Marcy South S.	320.1	131.1	132.2	4288
7203 >E	Rock Tavern 345kV Voltage	Volney-Marcy	259.7	327.8	337.1	5799
7797 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	189.0	327.8	343.1	4263

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7797 >E	Rainey 345kV Voltage	SBK Edic R945	189.0	327.8	343.1	4264
7841 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	194.5	327.8	342.9	4283
7841 >E	Farragut 345kV Voltage	SBK Edic R945	194.5	327.8	342.9	4283
7870 >E	Northport 138kV Voltage	Pre-Fault	551.0	NA	135	7870
8050 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	198.5	327.8	342.6	4102
8095 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	204.1	327.8	342.3	4120
8261 >E	Goethals 345kV Voltage	Marcy South N.	208.7	327.8	339.5	4541
8647 >E	Northport 138kV Voltage	Ravenswood 3	454.5	131.1	133.6	7796
9521 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	262.1	327.8	343.7	5014
9521 >E	Goethals 345kV Voltage	SBK Edic R945	262.1	327.8	343.7	5014
9818 >E	Northport 138kV Voltage	Volney-Marcy	534.8	131.1	131.5	7580
9828 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	273.9	327.8	343.2	4803
10016 >E	Northport 138kV Voltage	SBK Edic R70	551.0	131.1	131.1	9947
10019 >E	Northport 138kV Voltage	Princeton-N.Scot 345	551.0	131.1	131.1	10073
10121 >E	Northport 138kV Voltage	Ph2 DC 1500	566.5	131.1	142.2	6593
10238 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	568.2	131.1	130.7	10812
10477 >E	Northport 138kV Voltage	SBK Princeton 345	586.5	131.1	130.3	12915
10484 >E	Northport 138kV Voltage	SBK Marcy R3108	586.5	131.1	130.3	8079
10715 >E	Northport 138kV Voltage	N.Scot-Leeds 345	606.1	131.1	129.8	13465
11739 >E	Rock Tavern 345kV Voltage	SBK Edic R70	568.2	327.8	330.1	11645
12551 >E	Rock Tavern 345kV Voltage	Princeton-N.Scot 345	606.1	327.8	328.9	12629
18818 >E	Northport 138kV Voltage	Marcy South N.	1251.8	131.1	136.1	6133
20900 >E	Gardenville 230kV Voltage	Marcy South N.	686.7	207	314.6	6447
29091 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	2059.1	131.1	141.1	13534
29326 >E	Northport 138kV Voltage	SBK Edic R945	2077.7	131.1	141.0	13637
31117 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	2217.5	131.1	140.9	13194
99998 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

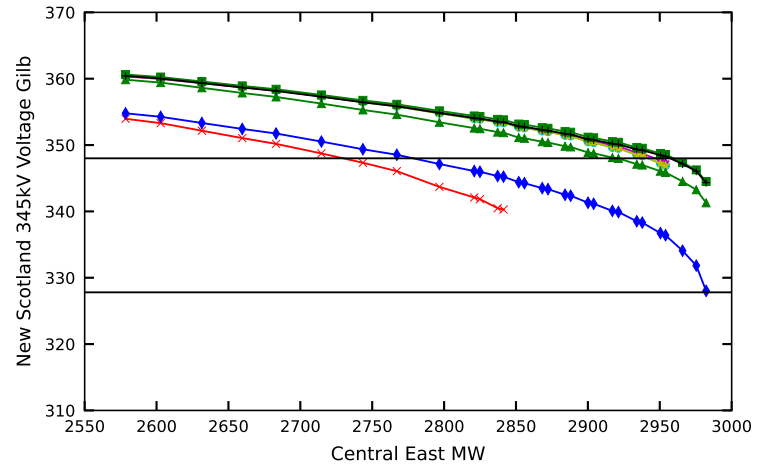
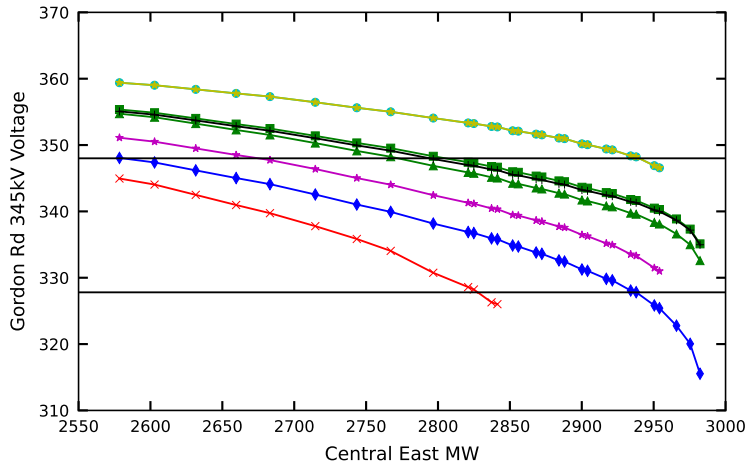
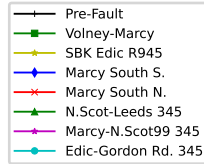
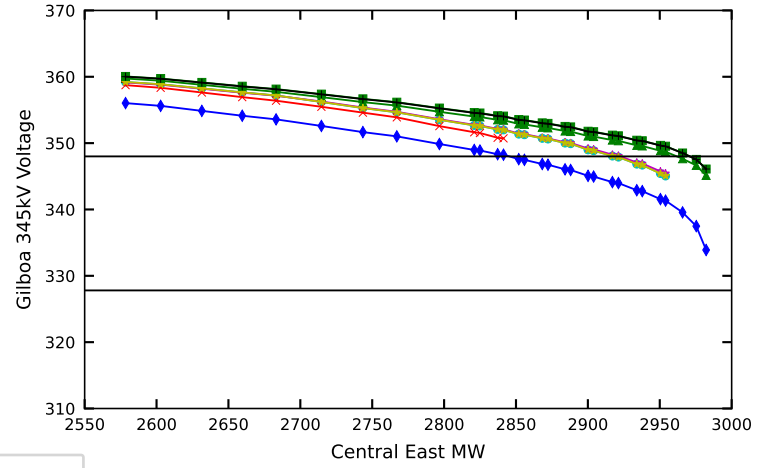
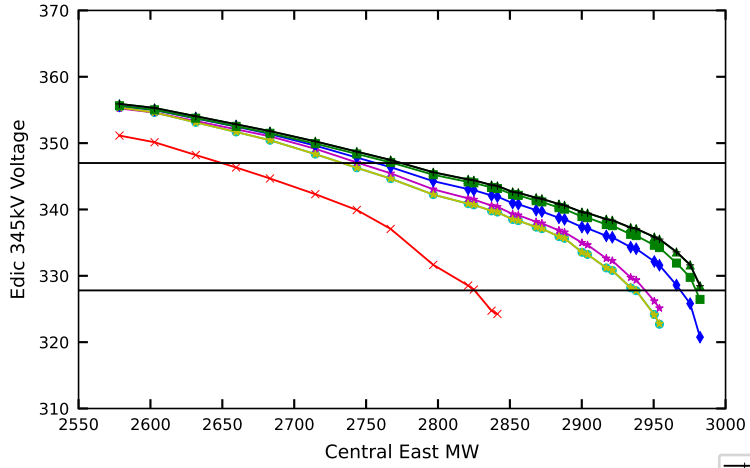
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\2A\Sum2023_CEVC_PH2_40_2A.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 2A

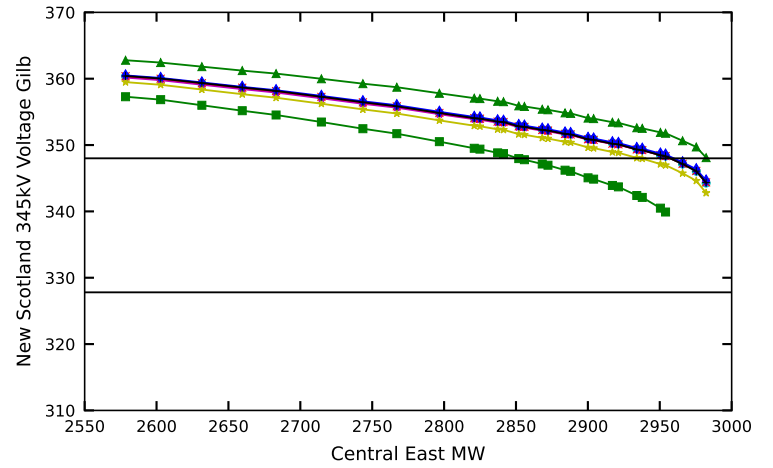
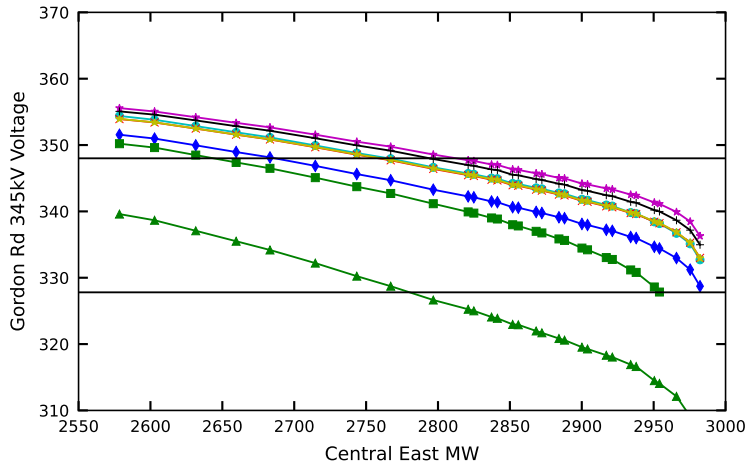
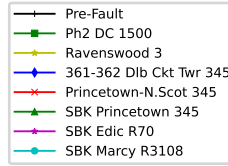
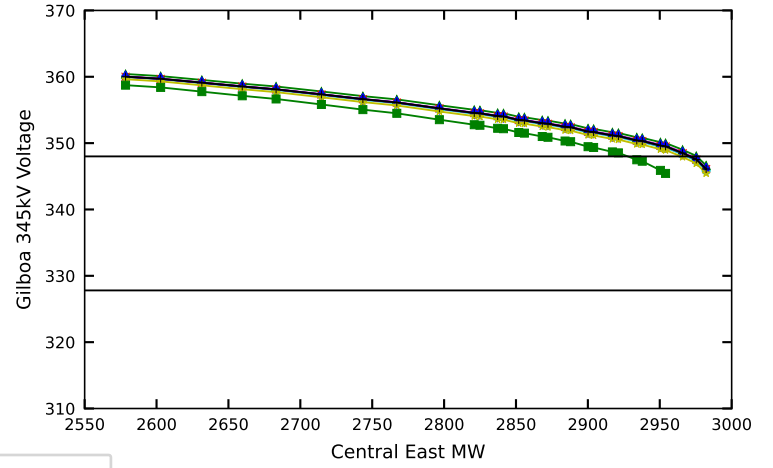
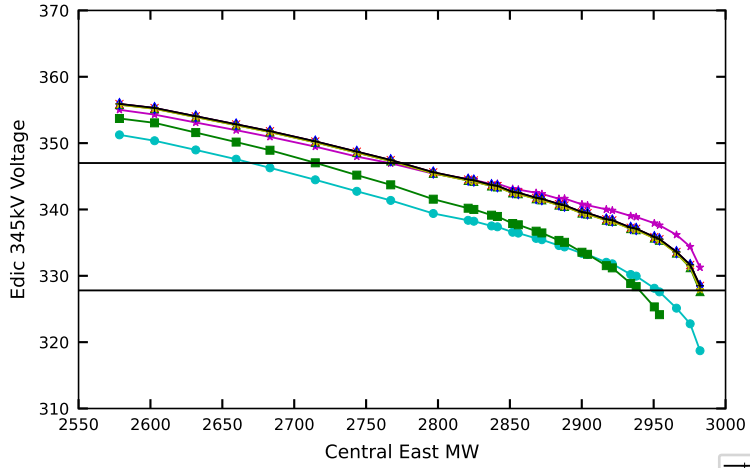
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						
99998	Rock Tavern 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Rock Tavern 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

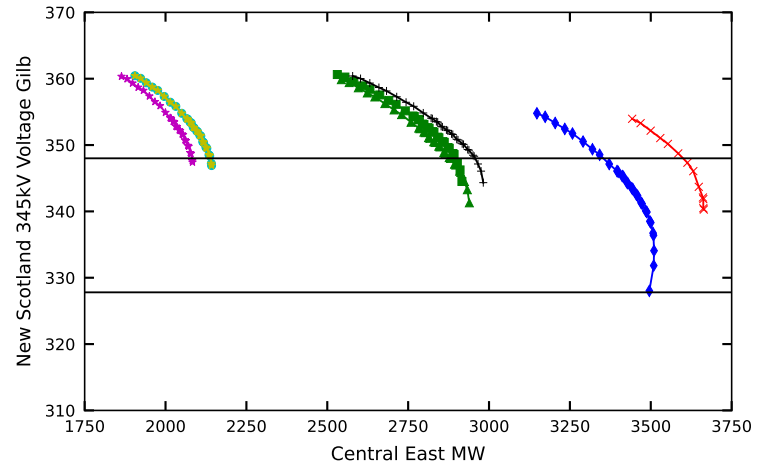
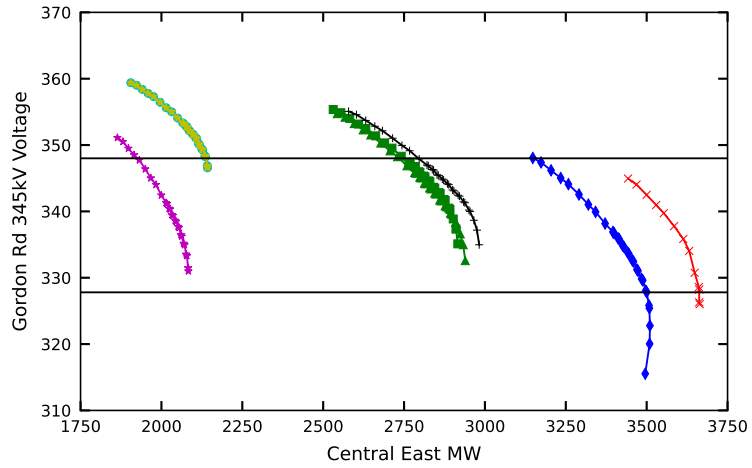
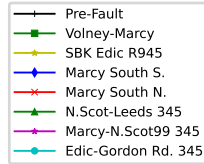
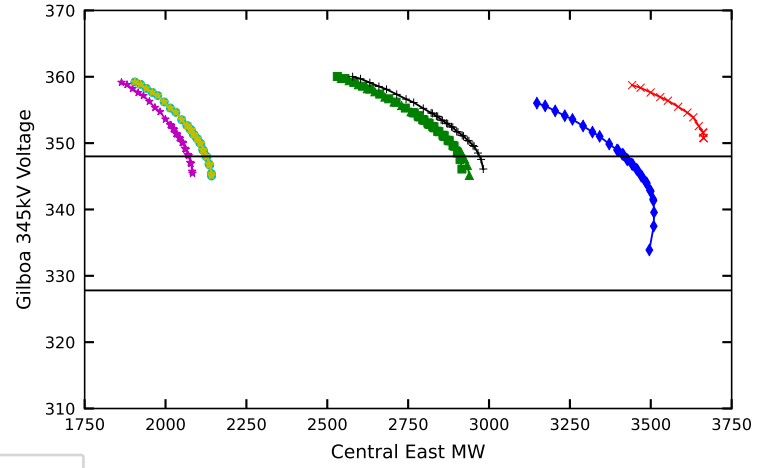
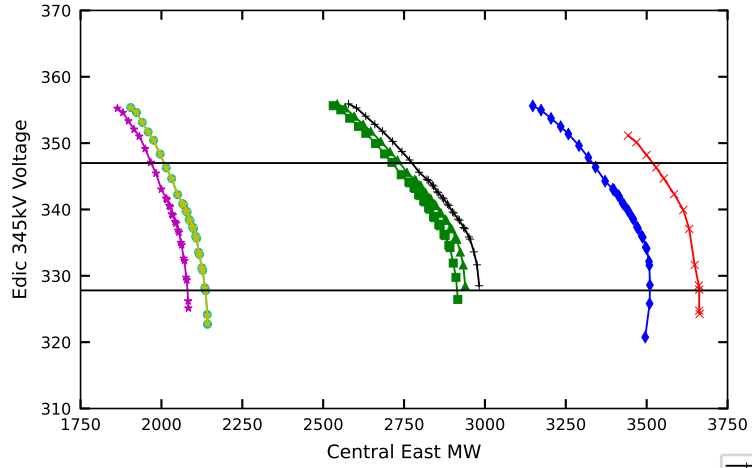
1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S Figure 1



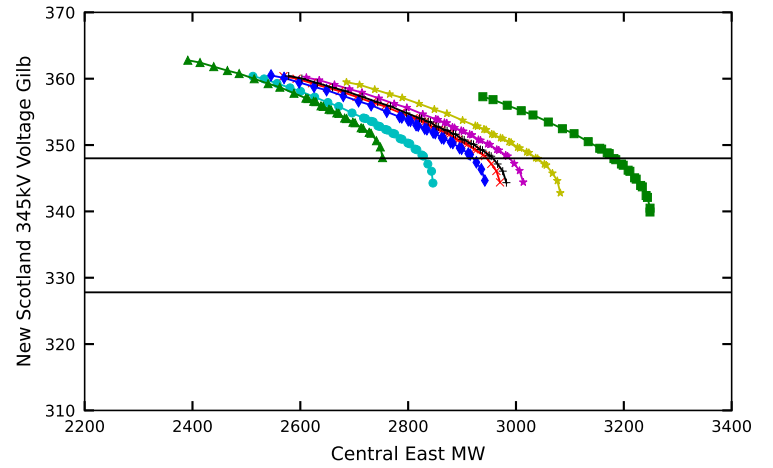
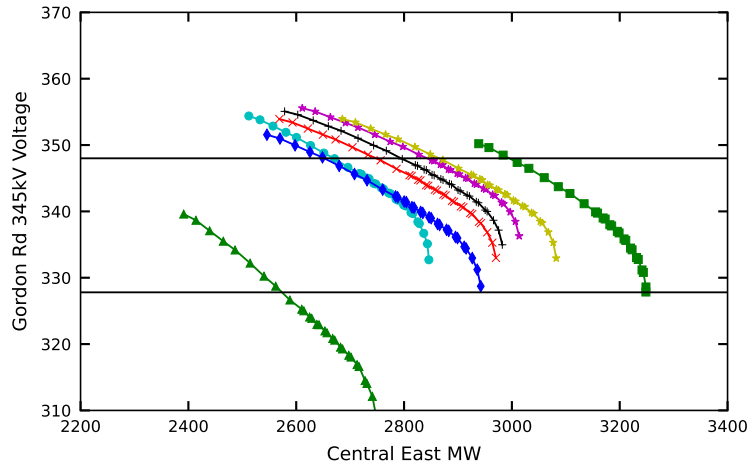
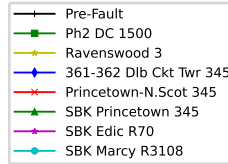
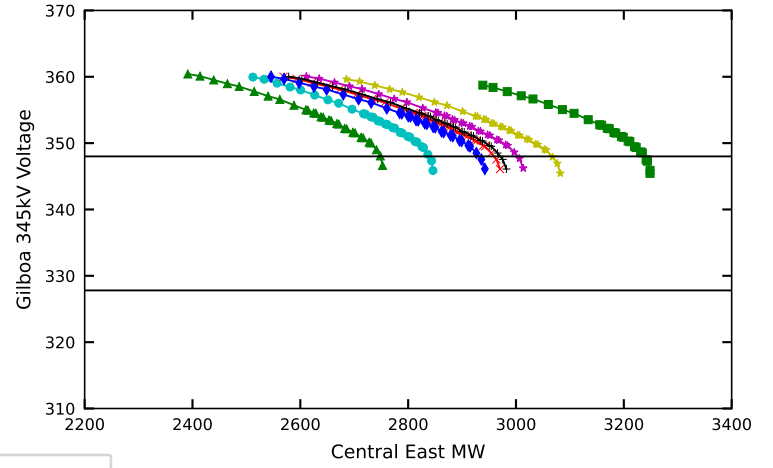
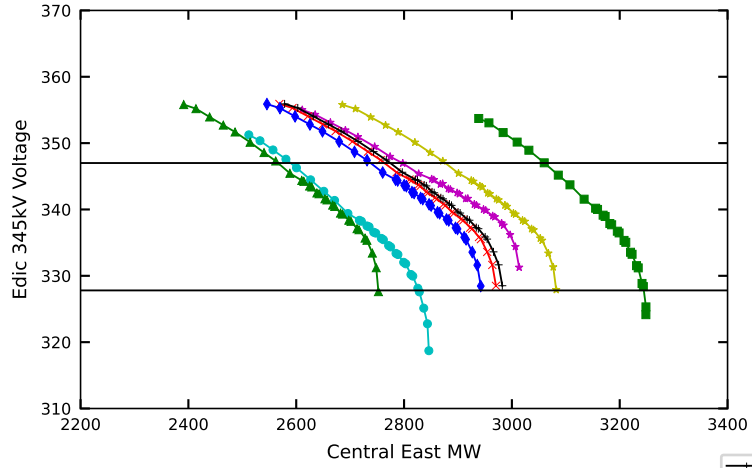
1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S Figure 2



1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S Figure 1



1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 4O 3S

Interface: Central East

	8															
2975	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	9															
2982	t3	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	0															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\4O\3S\Sum2023_CEVC_PH2_4O_3S.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 4O 3S

Interface: Central East

SBK

Edic

R70

ce30) 0

SBK

Princ

etow

n 345

ce31) 0

Princ

etow

n-

N.Sc

ot

345

ce32) 0

361-

362

Dlb

Ckt

Twr

345

log09) 0

)

Rave

nswod 3

od 3

log15) Ph2 0 2 2 2

DC

1500

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\3S\Sum2023_CEVC_PH2_40_3S.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2483 <E	Dunwoodie 345kV Voltage	Pre-Fault	110.5	NA	348	2483
2495 <E	Sprain Brook 345kV Voltage	Pre-Fault	110.7	NA	348	2495
2699	limit with 5% margin	Marcy South N.	NA	NA	NA	3480
2757	Marcy 345kV Voltage	Pre-Fault	18.5	NA	348	2757
2774	Edic 345kV Voltage	Pre-Fault	16.0	NA	347	2774
2780	Gordon Rd 345kV Voltage	SBK Princetown 345	14.2	327.8	348.6	2573
2794	Gordon Rd 345kV Voltage	Pre-Fault	23.7	NA	348	2794
2802	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3086
2806	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2035
2806	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1979
2806	limit with 5% margin	SBK Edic R945	NA	NA	NA	2035
2817	limit with 5% margin	Marcy South S.	NA	NA	NA	3334
2820	Millwood 345kV Voltage	Pre-Fault	39.6	NA	348	2820
2825	Edic 345kV Voltage	Marcy South N.	3.9	327.8	344.4	3662
2826	Marcy 345kV Voltage	Marcy South N.	3.9	327.8	344.3	3662
2827	Gordon Rd 345kV Voltage	Marcy South N.	6.4	327.8	346.7	3662
2833	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2792
2833	limit with 5% margin	Volney-Marcy	NA	NA	NA	2770
2833	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2703
2833	limit with 5% margin	SBK Edic R70	NA	NA	NA	2862
2833	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2614
2833	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2821
2833	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2795
2833	limit with 5% margin	Ravenswood 3	NA	NA	NA	2928
2874 >E	Clay 345kV Voltage	Marcy South N.	11.3	327.8	348.7	3675
2912	Buchanan North 345kV Voltage	Pre-Fault	57.5	NA	346	2912
2933	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.8	327.8	337.3	2133
2933	Marcy 345kV Voltage	SBK Edic R945	4.9	327.8	337.2	2133
2937	Edic 345kV Voltage	Edic-Gordon Rd. 345	9.0	327.8	337.1	2136
2937	Edic 345kV Voltage	SBK Edic R945	8.8	327.8	337.1	2136
2937	Gordon Rd 345kV Voltage	Marcy South S.	6.3	327.8	341.3	3500
2940	Edic 345kV Voltage	Ph2 DC 1500	4.1	327.8	336.9	3244
2940	Marcy 345kV Voltage	Ph2 DC 1500	4.1	327.8	336.7	3244
2941	Pannell Road 345kV Voltage	Pre-Fault	26.6	NA	346	2941
2941 >E	Oakdale 345kV Voltage	Marcy South N.	16.2	320	348.1	3700
2942	Station 80 345kV Voltage	Pre-Fault	26.0	NA	346	2942
2944	Edic 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	336.5	2080
2945	Clay 345kV Voltage	Pre-Fault	16.4	NA	345	2945
2947	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	336.1	2081
2952	Edic 345kV Voltage	SBK Marcy R3108	6.5	327.8	335.7	2827

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\3S\Sum2023_CEVC_PH2_40_3S.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2955 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.7	327.8	339.8	3250
2957	New Scotland 345kV Voltage Alps	Pre-Fault	10.2	NA	348	2957
2957	New Scotland 345kV Voltage Gilb	Pre-Fault	10.2	NA	348	2957
2967 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.5	327.8	343.2	2144
2967 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	341.8	2144
2969 >E	Edic 345kV Voltage	Marcy South S.	4.0	327.8	333.1	3510
2969 >E	Clay 345kV Voltage	SBK Edic R945	2.9	327.8	343.0	2145
2969 >E	Coopers Corners 345kV Voltage	SBK Edic R945	6.0	327.8	341.8	2145
2970 >E	Marcy 345kV Voltage	Marcy South S.	4.0	327.8	332.8	3510
2970	Gilboa 345kV Voltage	Pre-Fault	9.9	NA	348	2970
2972 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.7	327.8	341.4	2145
2973	Rock Tavern 345kV Voltage	Pre-Fault	12.2	NA	348	2973
2974 >E	Fraser 345kV Voltage	SBK Edic R945	4.2	327.8	341.2	2146
2976 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.2	320	338.7	2146
2976	Oakdale 345kV Voltage	Pre-Fault	2.0	NA	335	2976
2977	Fraser 345kV Voltage	Pre-Fault	2.6	NA	338	2977
2978 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	338.6	2088
2978 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	341.4	2088
2979	Pleasant Valley 345kV Voltage	Pre-Fault	10.1	NA	348	2979
2979 >E	Oakdale 345kV Voltage	SBK Edic R945	3.6	320	338.5	2146
2979	Edic 345kV Voltage	Volney-Marcy	2.1	327.8	329.8	2913
2980	Marcy 345kV Voltage	Volney-Marcy	2.1	327.8	329.4	2914
2980 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	3.5	327.8	342.0	2088
2981	Coopers Corners 345kV Voltage	Pre-Fault	3.9	NA	338	2981
2981	Edic 345kV Voltage	SBK Princetown 345	1.9	327.8	328.7	2752
2982	Marcy 345kV Voltage	SBK Princetown 345	1.9	327.8	328.5	2752
2982 >E	Edic 345kV Voltage	Ravenswood 3	2.0	327.8	328.4	3082
2982 >E	Marcy 345kV Voltage	Ravenswood 3	2.0	327.8	328.2	3082
2983 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	339.3	2147
2983 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	2.2	327.8	327.8	2940
2983 >E	Marcy 345kV Voltage	SBK Marcy R3108	2.2	327.8	327.8	2846
2983 >E	Marcy 345kV Voltage	SBK Edic R70	2.2	327.8	327.8	3014
2983 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	2.2	327.8	327.8	2971
2983 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	327.8	327.8	2943
2983 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	327.8	327.9	2943
2983 >E	Edic 345kV Voltage	N.Scot-Leeds 345	2.2	327.8	327.8	2940
2983 >E	Edic 345kV Voltage	Princetown-N.Scot 345	2.2	327.8	327.8	2971
2984 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.0	327.8	340.6	2089
2984 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr	2.7	327.8	334.2	2944

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2985 >E	Buchanan South 345kV Voltage	Pre-Fault	12.8	NA	346	2985
2985 >E	Clay 345kV Voltage	SBK Marcy R3108	1.7	327.8	337.2	2847
2985 >E	Pannell Road 345kV Voltage	SBK Edic R945	3.0	327.8	338.8	2147
2989 >E	Edic 345kV Voltage	SBK Edic R70	2.2	327.8	325.0	3021
2990 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.4	320	337.7	2090
2990 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	338.0	2149
2992 >E	Oakdale 345kV Voltage	SBK Marcy R3108	1.7	320	327.0	2849
2992 >E	Station 80 345kV Voltage	SBK Edic R945	3.2	327.8	337.5	2149
2993 >E	Clay 345kV Voltage	Ph2 DC 1500	5.1	327.8	342.1	3265
2993 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	3.3	327.8	337.3	2091
2995 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	2.9	327.8	330.6	2951
2996 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	2.8	327.8	330.5	2851
2997 >E	Gordon Rd 345kV Voltage	Ravenswood 3	2.9	327.8	330.2	3094
2997 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.1	327.8	344.0	3514
2997 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.1	327.8	344.0	3514
2997 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	3.0	327.8	330.0	2985
2999 >E	Clay 345kV Voltage	Volney-Marcy	2.2	327.8	331.4	2930
3000 >E	Oakdale 345kV Voltage	Volney-Marcy	1.9	320	323.2	2931
3000 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	336.1	2092
3001 >E	Coopers Corners 345kV Voltage	Ravenswood 3	3.1	327.8	332.8	3097
3001 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.1	320	334.2	3268
3002 >E	Oakdale 345kV Voltage	Ravenswood 3	1.9	320	322.1	3098
3002 >E	Oakdale 345kV Voltage	SBK Princetown 345	1.9	320	322.0	2764
3003 >E	Clay 345kV Voltage	SBK Princetown 345	2.1	327.8	329.8	2764
3003 >E	Fraser 345kV Voltage	SBK Marcy R3108	2.6	327.8	327.8	2854
3003 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	2.6	327.8	327.8	2958
3003 >E	Fraser 345kV Voltage	SBK Edic R70	2.6	327.8	327.8	3035
3003 >E	Fraser 345kV Voltage	SBK Princetown 345	2.6	327.8	327.8	2765
3003 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	2.6	327.8	327.8	2991
3003 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	2.6	327.8	327.8	2962
3003 >E	Fraser 345kV Voltage	Volney-Marcy	2.6	327.8	327.8	2934
3003 >E	Fraser 345kV Voltage	Ravenswood 3	2.6	327.8	327.8	3099
3003 >E	Clay 345kV Voltage	Ravenswood 3	2.2	327.8	329.5	3099
3004 >E	Gordon Rd 345kV Voltage	Volney-Marcy	3.1	327.8	327.7	2935
3006 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.0	320	320.2	2965
3006 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.0	320	320.2	2960
3006 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.0	320	320.1	2994
3007 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr	2.4	327.8	327.9	2966

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3007 >E	Clay 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	327.9	2962
3007 >E	Clay 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	327.8	2995
3008 >E	Oakdale 345kV Voltage	SBK Edic R70	2.0	320	319.3	3039
3008 >E	St.Lawrence 230kV Voltage	Pre-Fault	9.5	NA	225	3008
3008 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	2.9	327.8	334.7	2856
3008 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.1	327.8	326.4	3040
3010 >E	Clay 345kV Voltage	SBK Edic R70	2.4	327.8	326.5	3042
3011 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	3.6	327.8	330.2	2769
3012 >E	Ramapo 345kV Voltage	Pre-Fault	13.0	NA	346	3012
3013 >E	Fraser 345kV Voltage	Ph2 DC 1500	4.9	327.8	336.2	3272
3016 >E	Coopers Corners 345kV Voltage	SBK Edic R70	3.8	327.8	329.0	3048
3018 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	328.5	2971
3019 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	328.1	2978
3020 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.9	3008
3021 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.6	327.8	334.0	2860
3022 >E	Coopers Corners 345kV Voltage	Volney-Marcy	3.9	327.8	327.4	2950
3023 >E	Pannell Road 345kV Voltage	Marcy South N.	19.6	327.8	347.3	3730
3023 >E	Ramapo 500kV Voltage	Ravenswood 3	17.2	500	506.1	3116
3024 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	335.6	2155
3026 >E	Pannell Road 345kV Voltage	Volney-Marcy	3.7	327.8	330.0	2953
3026 >E	Somerset 345kV Voltage	SBK Edic R945	3.4	327.8	335.0	2155
3027 >E	Clay 345kV Voltage	Marcy South S.	5.2	327.8	336.0	3518
3028 >E	Pannell Road 345kV Voltage	Ravenswood 3	3.6	327.8	329.6	3119
3028 >E	Pannell Road 345kV Voltage	SBK Princetown 345	3.5	327.8	329.6	2779
3029 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	3.5	327.8	332.5	2981
3029 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	3.5	327.8	332.5	2981
3029 >E	Ladentown 345kV Voltage	Pre-Fault	13.1	NA	346	3029
3031 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	7.3	327.8	336.7	3279
3031 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	4.1	327.8	325.2	2864
3032 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	333.6	2098
3035 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.9	2992
3035 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	327.9	2986
3035 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	3022
3035 >E	Leeds 345kV Voltage	Pre-Fault	6.8	NA	345	3035
3037 >E	Pannell Road 345kV Voltage	SBK Edic R70	3.9	327.8	327.1	3070
3038 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	3.7	327.8	330.2	3127
3038 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	3.7	327.8	330.2	3127
3041 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	7.6	218.5	221.5	2868

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3041 >E	Station 80 345kV Voltage	Ravenswood 3	4.4	327.8	329.8	3130
3041 >E	Station 80 345kV Voltage	Volney-Marcy	4.5	327.8	329.6	2966
3042 >E	Station 80 345kV Voltage	SBK Princetown 345	4.3	327.8	329.5	2788
3044 >E	Gilboa 345kV Voltage	Marcy South S.	6.7	327.8	341.8	3521
3045 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	332.5	2159
3045 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	3.8	327.8	328.3	2870
3045 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	3.8	327.8	328.3	2870
3046 >E	Fraser 345kV Voltage	Marcy South S.	6.3	327.8	327.8	3521
3047 >E	Niagara 345kV Voltage	SBK Edic R945	3.3	327.8	332.0	2158
3047 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	3.9	327.8	327.7	2971
3047 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	3.9	327.8	327.7	2971
3047 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	4.0	327.8	327.7	3080
3047 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	4.0	327.8	327.7	3080
3048 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	4.0	327.8	327.7	3035
3048 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	4.0	327.8	327.7	3035
3048 >E	Roseton 345kV Voltage	Pre-Fault	11.9	NA	345	3048
3049 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	7.8	327.8	342.5	3286
3049 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	7.8	327.8	342.5	3286
3050 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	4.0	327.8	327.1	3007
3050 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	4.0	327.8	327.1	3007
3050 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	327.9	3007
3050 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	327.8	3000
3050 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	3037
3050 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	10.8	218.5	227.7	2160
3050 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	3.4	327.8	331.0	2102
3052 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	18.8	500	506.2	2160
3052 >E	Oakdale 345kV Voltage	Marcy South S.	4.8	320	321.8	3522
3052 >E	Station 80 345kV Voltage	SBK Edic R70	4.8	327.8	327.3	3085
3057 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	8.7	327.8	341.6	3289
3057 >E	Station 80 345kV Voltage	Marcy South N.	19.1	327.8	345.0	3743
3058 >E	Dunwoodie 345kV Voltage	Ravenswood 3	10.5	327.8	336.8	3144
3058 >E	St.Lawrence 230kV Voltage	Ravenswood 3	8.7	218.5	219.7	3144
3058 >E	Sprain Brook 345kV Voltage	Ravenswood 3	10.3	327.8	336.8	3144
3060 >E	St.Lawrence 230kV Voltage	Volney-Marcy	9.1	218.5	219.5	2982
3060 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	4.5	327.8	329.5	3010
3061 >E	Ramapo 500kV Voltage	SBK Edic R945	20.5	500	506.0	2161
3061 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	8.5	218.5	219.4	2799
3061 >E	Ramapo 500kV Voltage	Ph2 DC 1500	46.6	500	508.3	3291

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3063 >E	Gilboa 345kV Voltage	Ravenswood 3	4.6	327.8	328.9	3148
3064 >E	St.Lawrence 230kV Voltage	SBK Edic R945	12.2	218.5	227.5	2162
3064 >E	Bowline 1 345kV Voltage	Pre-Fault	13.2	NA	345	3064
3066 >E	Gilboa 345kV Voltage	SBK Marcy R3108	4.7	327.8	328.3	2878
3068 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	21.9	500	505.8	2105
3068 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	4.3	327.8	322.5	2803
3068 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	4.3	327.8	322.5	2803
3068 >E	Gilboa 345kV Voltage	Volney-Marcy	4.7	327.8	327.8	2989
3069 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	3056
3069 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	327.8	327.7	3025
3069 >E	Gilboa 345kV Voltage	SBK Edic R70	4.7	327.8	327.6	3102
3070 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	9.5	218.5	218.5	3057
3070 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	9.5	218.5	218.5	3026
3070 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	9.5	218.5	218.4	3018
3070 >E	Bowline 2 345kV Voltage	Pre-Fault	13.2	NA	345	3070
3072 >E	Buchanan North 345kV Voltage	Ravenswood 3	9.0	327.8	337.0	3155
3072 >E	Gilboa 345kV Voltage	SBK Princetown 345	4.8	327.8	327.0	2806
3072 >E	Rock Tavern 345kV Voltage	Ravenswood 3	6.0	327.8	337.3	3155
3074 >E	St.Lawrence 230kV Voltage	SBK Edic R70	9.9	218.5	218.1	3106
3076 >E	Station 80 345kV Voltage	Ph2 DC 1500	9.8	327.8	340.9	3296
3078 >E	Millwood 345kV Voltage	Ravenswood 3	9.3	327.8	337.0	3160
3078 >E	St.Lawrence 230kV Voltage	Marcy South N.	22.6	218.5	225.8	3750
3089 >E	Leeds 345kV Voltage	Marcy South S.	6.6	327.8	347.7	3527
3091 >E	Pannell Road 345kV Voltage	Marcy South S.	8.7	327.8	334.9	3527
3093 >E	Buchanan South 345kV Voltage	Ravenswood 3	9.1	327.8	337.6	3172
3100 >E	New Scotland 345kV Voltage Alps	Marcy South N.	20.7	327.8	349.0	3758
3100 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	20.7	327.8	349.0	3758
3101 >E	St.Lawrence 230kV Voltage	Marcy South S.	13.5	218.5	220.9	3529
3103 >E	Somerset 345kV Voltage	Pre-Fault	9.3	NA	338	3103
3106 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	15.6	218.5	226.7	2113
3107 >E	Station 80 345kV Voltage	Marcy South S.	9.4	327.8	333.8	3529
3111 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	10.8	218.5	222.2	2172
3111 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	10.8	218.5	222.2	2172
3112 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	18.7	218.5	225.6	3310
3115 >E	Niagara 230kV East Voltage	SBK Edic R945	11.1	218.5	221.9	2171
3115 >E	Niagara 230kV West Voltage	SBK Edic R945	11.1	218.5	221.9	2171
3115 >E	Ramapo 345kV Voltage	Ravenswood 3	8.6	327.8	338.0	3190
3116 >E	Gilboa 345kV Voltage	Ph2 DC 1500	9.2	327.8	340.6	3312
3118 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	9.5	327.8	343.8	2173

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3122 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	8.2	207	227.2	2174
3123 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	8.6	327.8	333.7	3197
3125 >E	Ladentown 345kV Voltage	Ravenswood 3	8.7	327.8	338.7	3198
3127 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	11.8	218.5	221.0	2117
3127 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	11.8	218.5	221.0	2117
3133 >E	Somerset 345kV Voltage	SBK Marcy R3108	7.0	327.8	334.7	2903
3135 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	8.1	327.8	330.4	2843
3136 >E	Gilboa 345kV Voltage	SBK Edic R945	10.6	327.8	343.2	2174
3140 >E	Bowline 1 345kV Voltage	Ravenswood 3	8.8	327.8	339.3	3210
3143 >E	Watercure 230kV Voltage	SBK Edic R945	9.2	207	226.5	2176
3144 >E	Bowline 2 345kV Voltage	Ravenswood 3	8.8	327.8	339.4	3213
3146 >E	Pleasant Valley 345kV Voltage	Marcy South S.	11.1	327.8	339.2	3535
3150 >E	Rock Tavern 345kV Voltage	SBK Edic R70	8.9	327.8	328.8	3184
3151 >E	Leeds 345kV Voltage	SBK Marcy R3108	6.8	327.8	327.8	2910
3151 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	6.8	327.8	327.8	3104
3151 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	327.8	3092
3151 >E	Leeds 345kV Voltage	Volney-Marcy	6.8	327.8	327.8	3058
3151 >E	Leeds 345kV Voltage	SBK Edic R70	6.8	327.8	327.8	3185
3151 >E	Leeds 345kV Voltage	SBK Princetown 345	6.8	327.8	327.8	2852
3151 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	6.8	327.8	327.8	3137
3151 >E	Leeds 345kV Voltage	Ravenswood 3	6.8	327.8	327.8	3219
3152 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	9.0	327.8	328.6	3093
3157 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	10.9	327.8	328.2	2180
3158 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	9.2	327.8	327.9	3111
3159 >E	Ramapo 500kV Voltage	SBK Princetown 345	24.9	500	501.7	2857
3159 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	9.2	327.8	327.8	3145
3160 >E	Dunwoodie 345kV Voltage	Marcy South S.	13.1	327.8	329.6	3537
3161 >E	Roseton 345kV Voltage	Ravenswood 3	9.1	327.8	335.6	3227
3163 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	11.0	327.8	339.4	2181
3163 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	11.0	327.8	339.4	2181
3163 >E	Rock Tavern 345kV Voltage	Volney-Marcy	9.3	327.8	327.4	3068
3165 >E	Sprain Brook 345kV Voltage	Marcy South S.	13.3	327.8	329.5	3537
3167 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	12.1	327.8	342.1	2125
3169 >E	Somerset 345kV Voltage	Ravenswood 3	8.4	327.8	330.9	3233
3170 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	9.7	327.8	329.0	3109
3173 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	9.5	327.8	326.4	2918
3176 >E	Somerset 345kV Voltage	SBK Princetown 345	8.5	327.8	330.1	2867
3177 >E	Gordon Rd 345kV Voltage	SBK Edic R945	11.9	327.8	327.1	2182
3179 >E	Buchanan North 345kV Voltage	SBK Princetown 345	12.3	327.8	329.0	2869

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3180 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	10.0	327.8	328.0	3215
3180 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	14.0	327.8	328.4	3118
3181 >E	Ramapo 500kV Voltage	SBK Marcy R3108	27.4	500	500.9	2921
3181 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	14.2	327.8	328.4	3119
3183 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	10.1	327.8	327.7	3169
3184 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	10.9	207	225.3	2128
3184 >E	Somerset 345kV Voltage	Volney-Marcy	8.9	327.8	329.3	3086
3184 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	12.0	327.8	338.6	2183
3184 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	12.0	327.8	338.6	2183
3184 >E	Sprain Brook 345kV Voltage	SBK Edic R70	14.2	327.8	328.2	3219
3184 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	10.1	327.8	327.6	3136
3185 >E	Dunwoodie 345kV Voltage	SBK Edic R70	14.4	327.8	328.2	3220
3185 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	13.9	327.8	328.1	2873
3185 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	12.9	327.8	328.5	3123
3186 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	12.3	327.8	328.6	3123
3186 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	14.1	327.8	328.1	2873
3186 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	10.2	327.8	327.4	3088
3187 >E	Buchanan North 345kV Voltage	SBK Edic R70	13.0	327.8	328.4	3222
3188 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	10.0	327.8	327.3	2874
3190 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	14.5	327.8	327.8	3175
3190 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	10.3	327.8	327.0	2925
3191 >E	Millwood 345kV Voltage	SBK Edic R70	12.5	327.8	328.2	3225
3191 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	28.8	500	500.6	3127
3191 >E	Millwood 345kV Voltage	SBK Princetown 345	12.2	327.8	328.2	2876
3191 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	14.6	327.8	327.7	3142
3191 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	14.7	327.8	327.8	3176
3192 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	14.7	327.8	327.7	3142
3195 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	13.3	327.8	327.8	3180
3195 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	13.3	327.8	327.8	3146
3195 >E	Sprain Brook 345kV Voltage	Volney-Marcy	14.7	327.8	327.4	3095
3196 >E	Ramapo 500kV Voltage	Volney-Marcy	29.3	500	500.5	3096
3196 >E	Dunwoodie 345kV Voltage	Volney-Marcy	14.8	327.8	327.4	3096
3196 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	12.8	327.8	327.8	3182
3197 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	12.8	327.8	327.7	3148
3197 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	14.0	327.8	346.3	2188
3198 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr	9.3	327.8	327.8	3148

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3198 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	9.3	327.8	327.8	3134
3198 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	9.3	327.8	327.8	3183
3199 >E	Buchanan North 345kV Voltage	Volney-Marcy	13.4	327.8	327.5	3098
3199 >E	Ramapo 500kV Voltage	SBK Edic R70	29.3	500	500.4	3234
3200 >E	Somerset 345kV Voltage	SBK Edic R70	9.4	327.8	327.6	3235
3201 >E	Millwood 345kV Voltage	Volney-Marcy	12.9	327.8	327.4	3100
3202 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	14.9	327.8	327.0	2929
3203 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	15.1	327.8	326.9	2929
3204 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	13.5	327.8	327.1	2930
3206 >E	Millwood 345kV Voltage	Marcy South S.	13.8	327.8	330.4	3543
3206 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	30.3	500	500.1	3156
3207 >E	Buchanan South 345kV Voltage	SBK Princetown 345	12.1	327.8	328.7	2886
3207 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	12.4	327.8	328.6	3143
3208 >E	Millwood 345kV Voltage	SBK Marcy R3108	13.1	327.8	326.9	2931
3209 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	30.4	500	500.0	3194
3210 >E	Ramapo 500kV Voltage	Pre-Fault	30.5	NA	500	3210
3211 >E	Buchanan South 345kV Voltage	SBK Edic R70	12.6	327.8	328.3	3247
3218 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	12.8	327.8	327.8	3204
3219 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	12.9	327.8	327.7	3169
3222 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	13.7	327.8	337.0	2136
3222 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	13.7	327.8	337.0	2136
3223 >E	Ramapo 345kV Voltage	SBK Princetown 345	11.8	327.8	329.8	2895
3223 >E	Buchanan South 345kV Voltage	Volney-Marcy	12.9	327.8	327.4	3119
3225 >E	Rock Tavern 345kV Voltage	SBK Edic R945	15.5	327.8	346.0	2190
3229 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	13.1	327.8	326.9	2939
3238 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	12.6	327.8	328.6	3170
3238 >E	Ramapo 345kV Voltage	SBK Edic R70	12.6	327.8	328.6	3274
3241 >E	Roseton 345kV Voltage	SBK Princetown 345	11.3	327.8	328.8	2906
3243 >E	Ladentown 345kV Voltage	SBK Princetown 345	12.0	327.8	329.6	2907
3243 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	11.6	327.8	328.6	3175
3246 >E	Roseton 345kV Voltage	SBK Edic R70	11.7	327.8	328.4	3282
3248 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	13.0	327.8	327.8	3196
3248 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	13.0	327.8	327.8	3233
3253 >E	Ramapo 345kV Voltage	Volney-Marcy	13.1	327.8	327.5	3144
3253 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	11.9	327.8	327.8	3238
3254 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	11.9	327.8	327.7	3202

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3255 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	12.6	327.8	328.7	3186
3256 >E	Ramapo 500kV Voltage	Marcy South S.	40.2	500	502.4	3550
3257 >E	Ladentown 345kV Voltage	SBK Edic R70	12.7	327.8	328.6	3293
3258 >E	Roseton 345kV Voltage	Volney-Marcy	12.0	327.8	327.4	3148
3259 >E	Ramapo 345kV Voltage	SBK Marcy R3108	13.2	327.8	327.0	2951
3265 >E	Bowline 1 345kV Voltage	SBK Princetown 345	12.1	327.8	329.8	2920
3265 >E	Roseton 345kV Voltage	SBK Marcy R3108	12.2	327.8	326.8	2953
3267 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	13.1	327.8	327.8	3214
3267 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	13.1	327.8	327.8	3252
3270 >E	Bowline 2 345kV Voltage	SBK Princetown 345	12.1	327.8	329.9	2923
3271 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	17.7	327.8	345.4	2145
3271 >E	Ladentown 345kV Voltage	Volney-Marcy	13.2	327.8	327.5	3160
3278 >E	Buchanan South 345kV Voltage	Marcy South S.	15.6	327.8	328.3	3553
3278 >E	Ladentown 345kV Voltage	SBK Marcy R3108	13.3	327.8	327.0	2958
3278 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	12.8	327.8	328.8	3207
3280 >E	Bowline 1 345kV Voltage	SBK Edic R70	12.8	327.8	328.7	3317
3284 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	12.7	327.8	328.8	3212
3285 >E	Bowline 2 345kV Voltage	SBK Edic R70	12.8	327.8	328.7	3322
3287 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	16.9	327.8	339.4	3377
3291 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	13.2	327.8	327.8	3238
3291 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	13.2	327.8	327.8	3276
3296 >E	Bowline 1 345kV Voltage	Volney-Marcy	13.3	327.8	327.4	3181
3297 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	13.2	327.8	327.8	3243
3297 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	13.2	327.8	327.8	3281
3302 >E	Bowline 2 345kV Voltage	Volney-Marcy	13.3	327.8	327.4	3185
3302 >E	Buchanan North 345kV Voltage	Marcy South S.	17.5	327.8	325.2	3557
3302 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	13.4	327.8	327.0	2967
3308 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	13.4	327.8	327.0	2969
3308 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	13.3	207	218.0	2209
3317 >E	Roseton 345kV Voltage	Marcy South S.	15.0	327.8	334.5	3559
3325 >E	Gardenville 230kV Voltage	SBK Edic R945	13.9	207	217.2	2208
3325 >E	Ramapo 500kV Voltage	Marcy South N.	61.6	500	503.5	3841
3329 >E	Leeds 345kV Voltage	Ph2 DC 1500	14.6	327.8	343.1	3393
3355 >E	Somerset 345kV Voltage	Ph2 DC 1500	18.9	327.8	344.9	3403
3360 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	15.1	207	215.5	2163
3362 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	20.5	327.8	339.6	3406
3378 >E	Niagara 345kV Voltage	Pre-Fault	20.6	NA	338	3378
3383 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	27.1	327.8	341.4	2223

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3386 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	27.9	327.8	338.6	3415
3396 >E	Niagara 230kV East Voltage	Pre-Fault	51.9	NA	225	3396
3396 >E	Niagara 230kV West Voltage	Pre-Fault	51.9	NA	225	3396
3401 >E	Somerset 345kV Voltage	Marcy South S.	18.9	327.8	335.3	3571
3404 >E	Niagara 345kV Voltage	SBK Marcy R3108	14.7	327.8	336.7	3006
3410 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	23.1	327.8	345.5	2228
3425 >E	Buchanan North 345kV Voltage	SBK Edic R945	29.7	327.8	341.0	2226
3434 >E	Rainey 345kV Voltage	Ravenswood 3	23.5	327.8	343.0	3449
3445 >E	Niagara 230kV East Voltage	SBK Marcy R3108	32.7	218.5	224.1	3022
3445 >E	Niagara 230kV West Voltage	SBK Marcy R3108	32.7	218.5	224.1	3022
3451 >E	Millwood 345kV Voltage	Ph2 DC 1500	28.8	327.8	338.6	3440
3455 >E	Ramapo 345kV Voltage	Ph2 DC 1500	25.2	327.8	340.7	3441
3457 >E	Ramapo 345kV Voltage	SBK Edic R945	25.4	327.8	345.1	2232
3458 >E	Farragut 345kV Voltage	Ravenswood 3	24.6	327.8	342.2	3468
3462 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	27.5	327.8	339.6	3444
3465 >E	Watercure 230kV Voltage	Marcy South N.	38.1	207	229.8	3892
3478 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	34.8	327.8	337.1	3450
3478 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	34.9	327.8	337.0	3450
3480 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	32.7	327.8	340.5	2187
3483 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	24.7	327.8	346.3	2242
3485 >E	Niagara 345kV Voltage	Ravenswood 3	17.5	327.8	332.8	3490
3492 >E	Rock Tavern 345kV Voltage	Marcy South S.	18.4	327.8	313.5	3583
3497 >E	Roseton 345kV Voltage	Ph2 DC 1500	23.6	327.8	340.7	3458
3498 >E	Ladentown 345kV Voltage	Ph2 DC 1500	25.6	327.8	341.6	3458
3502 >E	Ladentown 345kV Voltage	Marcy South S.	21.1	327.8	321.2	3585
3517 >E	Ramapo 345kV Voltage	Marcy South S.	22.2	327.8	320.5	3587
3519 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	24.5	327.8	347.6	2249
3520 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	28.2	327.8	344.5	2194
3525 >E	Niagara 345kV Voltage	SBK Princetown 345	18.5	327.8	330.9	3075
3530 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	24.5	327.8	347.9	2251
3536 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	25.5	327.8	342.5	3472
3536 >E	Ladentown 345kV Voltage	SBK Edic R945	27.2	327.8	345.8	2246
3537 >E	Watercure 230kV Voltage	Ph2 DC 1500	27.9	207	241.2	3473
3538 >E	Niagara 230kV East Voltage	Ravenswood 3	39.2	218.5	222.3	3533
3538 >E	Niagara 230kV West Voltage	Ravenswood 3	39.2	218.5	222.3	3533
3547 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	25.5	327.8	342.7	3477
3550 >E	Niagara 345kV Voltage	Volney-Marcy	19.4	327.8	329.7	3394
3558 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	31.9	327.8	343.3	2256
3566 >E	Bowline 1 345kV Voltage	Marcy South S.	22.2	327.8	319.3	3594
3575 >E	Somerset 345kV Voltage	Marcy South N.	34.5	327.8	346.3	3932
3576 >E	Bowline 1 345kV Voltage	SBK Edic R945	27.0	327.8	347.0	2253

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3587 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	20.6	327.8	327.9	3520
3587 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	20.6	327.8	327.9	3486
3588 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	20.6	327.8	327.8	3569
3589 >E	Bowline 2 345kV Voltage	SBK Edic R945	27.0	327.8	347.4	2255
3593 >E	Niagara 345kV Voltage	SBK Edic R70	20.8	327.8	327.6	3635
3604 >E	Bowline 2 345kV Voltage	Marcy South S.	23.2	327.8	317.6	3599
3606 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	30.0	327.8	345.1	2211
3618 >E	Buchanan South 345kV Voltage	SBK Edic R945	35.0	327.8	342.8	2260
3624 >E	Coopers Corners 345kV Voltage	Marcy South S.	17.3	327.8	258.4	3602
3635 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	38.3	327.8	341.9	2271
3640 >E	Niagara 230kV East Voltage	SBK Princetown 345	45.6	218.5	220.3	3143
3640 >E	Niagara 230kV West Voltage	SBK Princetown 345	45.6	218.5	220.3	3143
3643 >E	Farragut 345kV Voltage	Pre-Fault	43.7	NA	338	3643
3648 >E	Rainey 345kV Voltage	Pre-Fault	42.6	NA	338	3648
3648 >E	Watercure 230kV Voltage	SBK Marcy R3108	29.0	207	231.5	3099
3649 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	29.9	327.8	346.3	2220
3663 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	29.9	327.8	346.7	2223
3664 >E	Niagara 230kV East Voltage	Volney-Marcy	47.4	218.5	219.8	3490
3664 >E	Niagara 230kV West Voltage	Volney-Marcy	47.4	218.5	219.8	3490
3676 >E	Goethals 345kV Voltage	Ravenswood 3	33.2	327.8	341.2	3645
3687 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	31.5	327.8	345.9	2280
3689 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	47.5	327.8	340.3	2281
3694 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	38.5	327.8	342.2	2229
3701 >E	Millwood 345kV Voltage	SBK Edic R945	41.9	327.8	341.5	2275
3705 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	48.8	327.8	340.2	2284
3730 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	51.6	218.5	218.6	3657
3730 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	51.6	218.5	218.6	3657
3730 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	51.6	218.5	218.6	3615
3730 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	51.6	218.5	218.6	3615
3732 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	51.8	218.5	218.5	3711
3732 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	51.8	218.5	218.5	3711
3740 >E	Niagara 230kV East Voltage	SBK Edic R70	52.4	218.5	218.4	3785
3740 >E	Niagara 230kV West Voltage	SBK Edic R70	52.4	218.5	218.4	3785
3757 >E	Roseton 345kV Voltage	SBK Edic R945	34.5	327.8	345.3	2285
3760 >E	Sprain Brook 345kV Voltage	SBK Edic R945	52.1	327.8	339.9	2286
3778 >E	Dunwoodie 345kV Voltage	SBK Edic R945	53.5	327.8	339.9	2289
3787 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	46.1	327.8	341.0	2247
3855 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	38.3	327.8	344.5	2260

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3856 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	57.4	327.8	339.5	2261
3857 >E	Gilboa 345kV Voltage	Marcy South N.	44.3	327.8	340.8	4036
3862 >E	Goethals 345kV Voltage	Pre-Fault	58.7	NA	338	3862
3876 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	58.9	327.8	339.4	2265
3904 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	43.3	327.8	340.7	2322
3980 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	46.8	327.8	340.0	2325
4002 >E	Fraser 345kV Voltage	Marcy South N.	50.5	327.8	327.8	4089
4045 >E	Rainey 345kV Voltage	SBK Princetown 345	41.0	327.8	328.7	3383
4050 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	41.4	327.8	328.6	3905
4051 >E	Farragut 345kV Voltage	SBK Princetown 345	42.0	327.8	328.7	3387
4057 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	42.5	327.8	328.5	3911
4064 >E	Rainey 345kV Voltage	SBK Edic R70	41.9	327.8	328.2	4114
4070 >E	Farragut 345kV Voltage	SBK Edic R70	43.0	327.8	328.2	4121
4072 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	50.3	327.8	339.1	2303
4084 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	42.7	327.8	327.8	4058
4086 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	42.7	327.8	327.7	3997
4090 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	43.7	327.8	327.8	4064
4092 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	43.8	327.8	327.7	4003
4096 >E	Rainey 345kV Voltage	Volney-Marcy	43.0	327.8	327.5	3854
4102 >E	Farragut 345kV Voltage	Volney-Marcy	44.1	327.8	327.5	3860
4115 >E	Gardenville 230kV Voltage	SBK Marcy R3108	41.6	207	220.6	3276
4116 >E	Rainey 345kV Voltage	SBK Marcy R3108	43.7	327.8	327.0	3276
4122 >E	Farragut 345kV Voltage	SBK Marcy R3108	44.8	327.8	327.0	3278
4130 >E	Niagara 345kV Voltage	Ph2 DC 1500	41.9	327.8	349.3	3700
4218 >E	Rainey 345kV Voltage	Marcy South S.	48.0	327.8	331.2	3685
4253 >E	Farragut 345kV Voltage	Marcy South S.	50.4	327.8	331.2	3690
4277 >E	Niagara 345kV Voltage	Marcy South S.	45.6	327.8	337.2	3693
4321 >E	Leeds 345kV Voltage	Marcy South N.	55.3	327.8	347.7	4206
4400 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	53.0	327.8	327.8	2415
4400 >E	Leeds 345kV Voltage	SBK Edic R945	53.0	327.8	327.8	2400
4401 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	53.0	327.8	327.8	2368
4407 >E	Gardenville 230kV Voltage	Pre-Fault	80.1	NA	217	4407
4408 >E	Goethals 345kV Voltage	SBK Princetown 345	56.4	327.8	328.7	3599
4423 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	57.3	327.8	328.4	4243
4439 >E	Goethals 345kV Voltage	SBK Edic R70	57.9	327.8	328.2	4496
4460 >E	Gardenville 230kV Voltage	Ravenswood 3	53.7	207	216.3	4281
4462 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	58.7	327.8	327.8	4432
4465 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	58.8	327.8	327.7	4360

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4477 >E	Goethals 345kV Voltage	Volney-Marcy	59.2	327.8	327.5	4175
4503 >E	Goethals 345kV Voltage	SBK Marcy R3108	60.1	327.8	327.1	3423
4510 >E	Niagara 230kV East Voltage	Ph2 DC 1500	107.4	218.5	231.3	3846
4510 >E	Niagara 230kV West Voltage	Ph2 DC 1500	107.4	218.5	231.3	3846
4674 >E	Goethals 345kV Voltage	Marcy South S.	67.3	327.8	331.2	3749
4691 >E	Gardenville 230kV Voltage	SBK Princetown 345	61.9	207	213.5	3767
4800 >E	Niagara 345kV Voltage	Marcy South N.	69.4	327.8	348.1	4382
4805 >E	Watercure 230kV Voltage	Ravenswood 3	75.1	207	230.0	4561
4858 >E	Gardenville 230kV Voltage	Volney-Marcy	68.1	207	211.4	4496
5034 >E	Niagara 230kV East Voltage	Marcy South S.	138.3	218.5	224.4	3800
5034 >E	Niagara 230kV West Voltage	Marcy South S.	138.3	218.5	224.4	3800
5077 >E	Watercure 230kV Voltage	SBK Princetown 345	84.3	207	229.6	3996
5166 >E	Niagara 230kV East Voltage	Marcy South N.	160.5	218.5	229.8	4516
5166 >E	Niagara 230kV West Voltage	Marcy South N.	160.5	218.5	229.8	4516
5169 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	78.8	207	207.5	4917
5171 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	78.9	207	207.5	5034
5197 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	79.8	207	207.1	5157
5248 >E	Gardenville 230kV Voltage	SBK Edic R70	81.5	207	206.5	5319
5599 >E	Watercure 230kV Voltage	Volney-Marcy	108.0	207	229.0	5121
5757 >E	Rainey 345kV Voltage	Ph2 DC 1500	107.9	327.8	343.3	4323
5791 >E	Farragut 345kV Voltage	Ph2 DC 1500	111.5	327.8	343.0	4336
6076 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	119.3	327.8	345.1	2732
6081 >E	Pleasant Valley 345kV Voltage	Marcy South N.	150.0	327.8	347.7	4851
6162 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	125.0	327.8	345.0	2748
6238 >E	Northport 138kV Voltage	Pre-Fault	369.1	NA	135	6238
6264 >E	Northport 138kV Voltage	Ravenswood 3	264.4	131.1	134.9	5744
6331 >E	Rainey 345kV Voltage	SBK Edic R945	129.0	327.8	344.3	2745
6426 >E	Farragut 345kV Voltage	SBK Edic R945	135.3	327.8	344.3	2762
6469 >E	Coopers Corners 345kV Voltage	Marcy South N.	119.1	327.8	304.3	4993
6581 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	138.2	327.8	343.6	2797
6648 >E	Goethals 345kV Voltage	Ph2 DC 1500	146.2	327.8	343.3	4665
6686 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	145.0	327.8	343.6	2818
7105 >E	Gardenville 230kV Voltage	Marcy South N.	169.3	207	235.3	5226
7172 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	165.7	327.8	345.5	2939
7358 >E	Buchanan North 345kV Voltage	Marcy South N.	223.1	327.8	337.5	5319
7521 >E	Goethals 345kV Voltage	SBK Edic R945	179.5	327.8	344.8	2957
7532 >E	Northport 138kV Voltage	SBK Princetown 345	357.3	131.1	131.5	5454
7533 >E	Northport 138kV Voltage	N.Scot-Leeds 345	357.9	131.1	131.5	7056
7592 >E	Northport 138kV Voltage	SBK Edic R70	362.5	131.1	131.3	7705
7677 >E	Northport 138kV Voltage	Princetown-N.Scot 345	369.1	131.1	131.1	7606

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7693 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	370.3	131.1	131.1	7445
7727 >E	Northport 138kV Voltage	Volney-Marcy	372.8	131.1	131.0	6913
7823 >E	Northport 138kV Voltage	SBK Marcy R3108	380.0	131.1	130.7	4683
7831 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	191.2	327.8	344.3	3044
7837 >E	Gardenville 230kV Voltage	Ph2 DC 1500	178.6	207	262.0	5120
8399 >E	Ramapo 345kV Voltage	Marcy South N.	219.8	327.8	339.1	5701
8964 >E	Roseton 345kV Voltage	Marcy South N.	232.4	327.8	345.3	5908
9475 >E	Ladentown 345kV Voltage	Marcy South N.	253.1	327.8	339.8	6095
10078 >E	Buchanan South 345kV Voltage	Marcy South N.	327.8	327.8	344.6	6316
10366 >E	Rock Tavern 345kV Voltage	Marcy South N.	268.9	327.8	331.7	6422
10611 >E	Bowline 1 345kV Voltage	Marcy South N.	279.7	327.8	339.4	6511
10678 >E	Bowline 2 345kV Voltage	Marcy South N.	277.9	327.8	340.1	6536
11693 >E	Millwood 345kV Voltage	Marcy South N.	441.7	327.8	350.4	6908
14543 >E	Northport 138kV Voltage	Ph2 DC 1500	916.4	131.1	137.3	7689
16303 >E	Sprain Brook 345kV Voltage	Marcy South N.	771.1	327.8	355.5	8598
16311 >E	Watercure 230kV Voltage	Pre-Fault	767.8	NA	215	16311
17565 >E	Dunwoodie 345kV Voltage	Marcy South N.	849.6	327.8	358.1	9061
18187 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	601.3	207	212.6	17476
19979 >E	Watercure 230kV Voltage	Marcy South S.	647.5	207	270.4	5895
21019 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	711.8	207	208.9	20777
21178 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	718.7	207	208.7	19400
22753 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1560.3	131.1	143.2	5885
24791 >E	Northport 138kV Voltage	SBK Edic R945	1720.9	131.1	143.1	6040
27516 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1934.2	131.1	143.1	6921

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

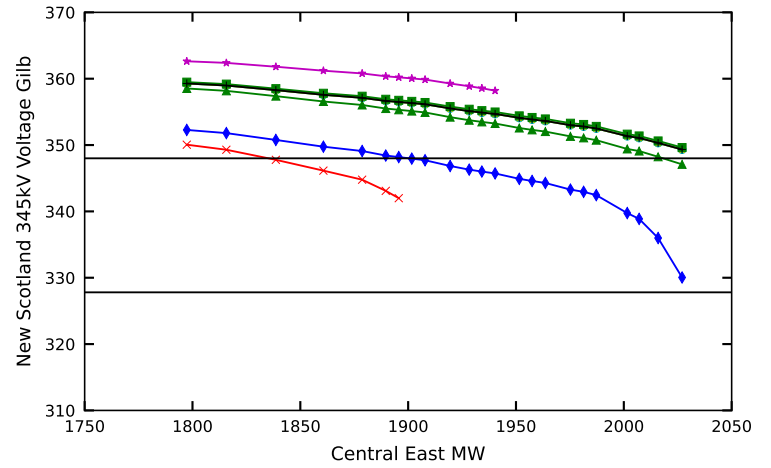
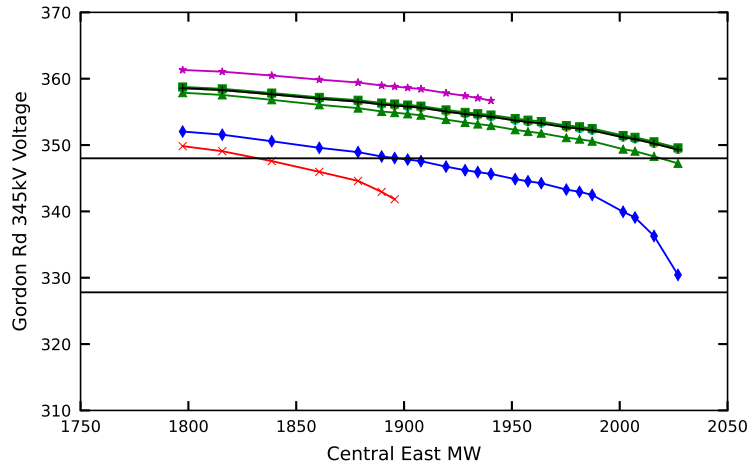
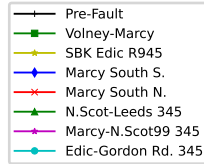
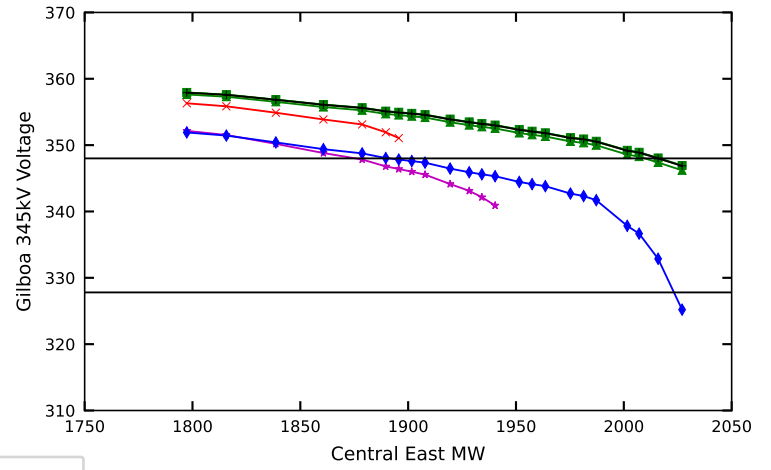
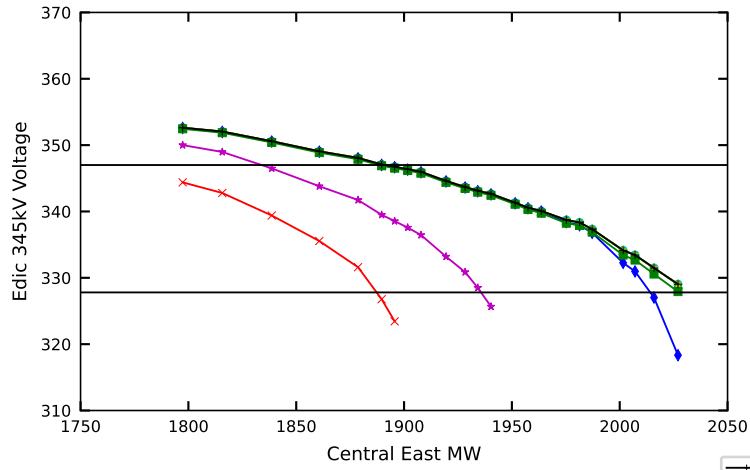
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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 3S

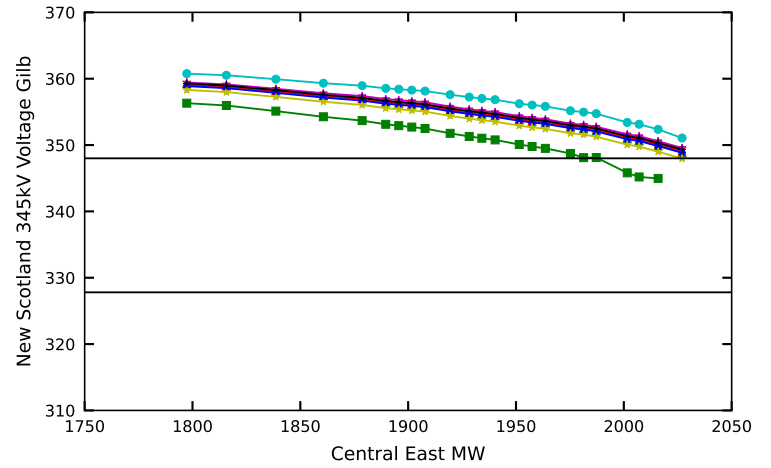
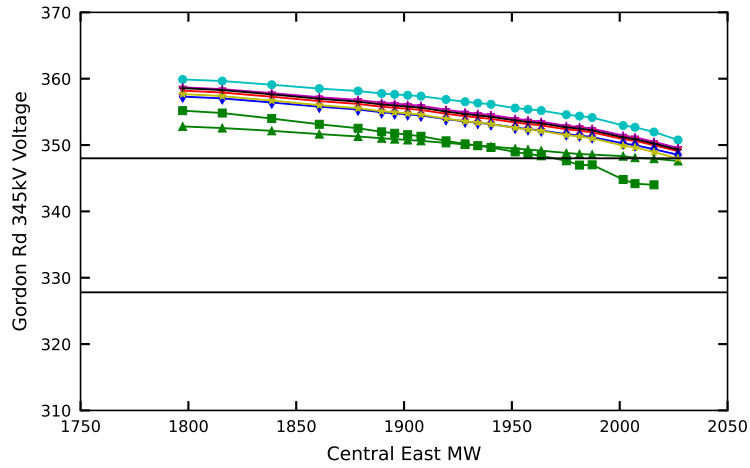
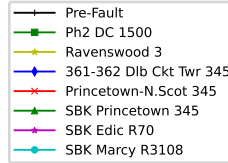
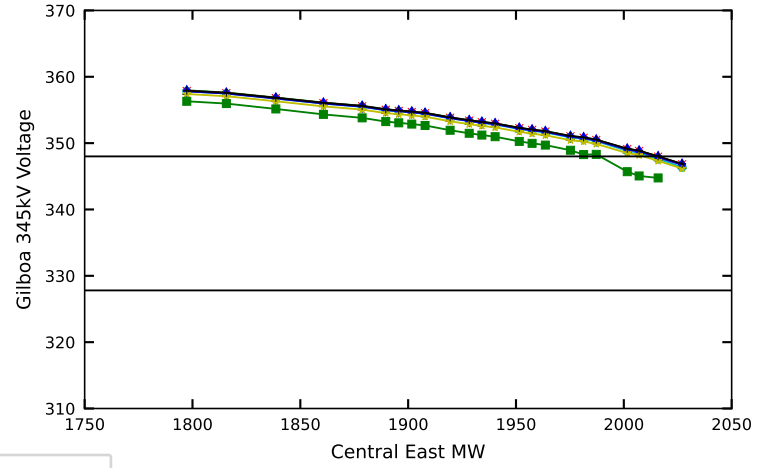
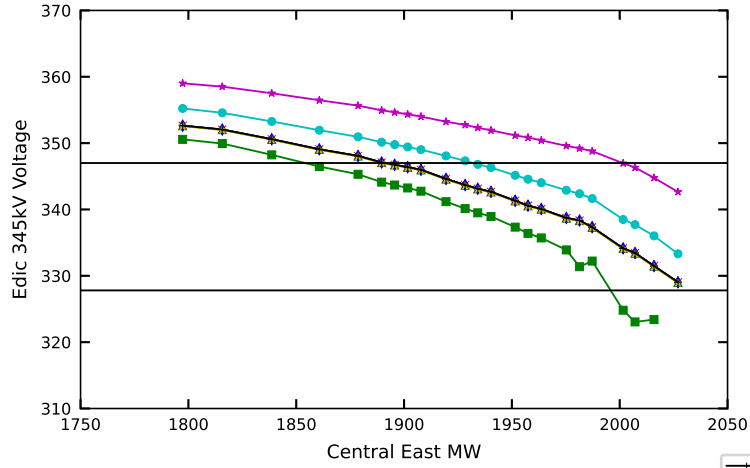
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
56750 >E	Farragut 345kV Voltage	Marcy South N.	2052.2	327.8	370.6	23423
58701 >E	Rainey 345kV Voltage	Marcy South N.	2084.3	327.8	373.0	24139
85088 >E	Goethals 345kV Voltage	Marcy South N.	3176.1	327.8	383.9	33810
99998 >E	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99999 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

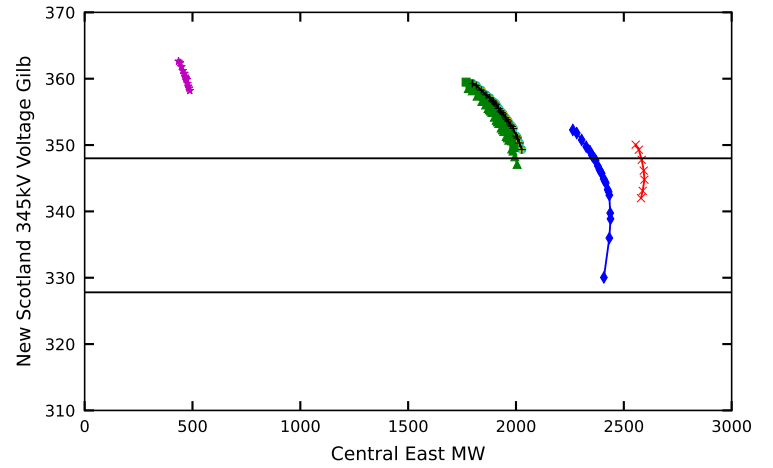
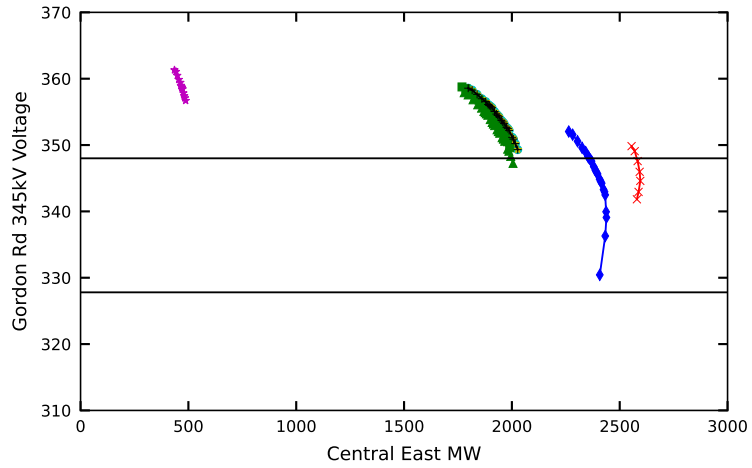
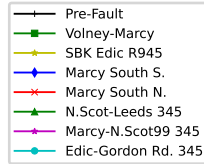
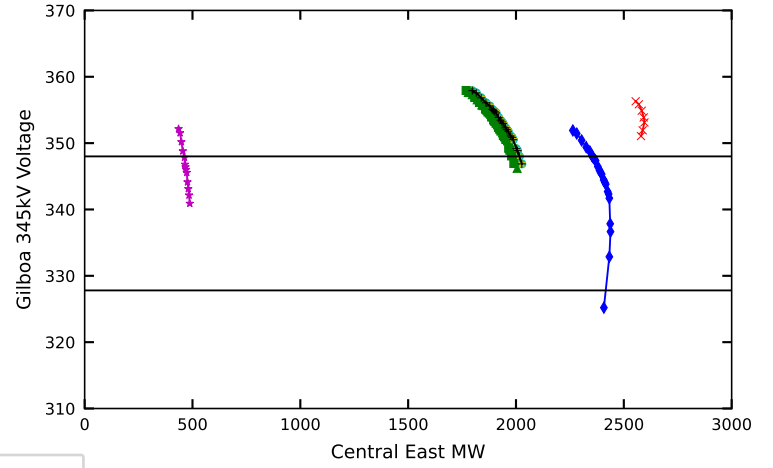
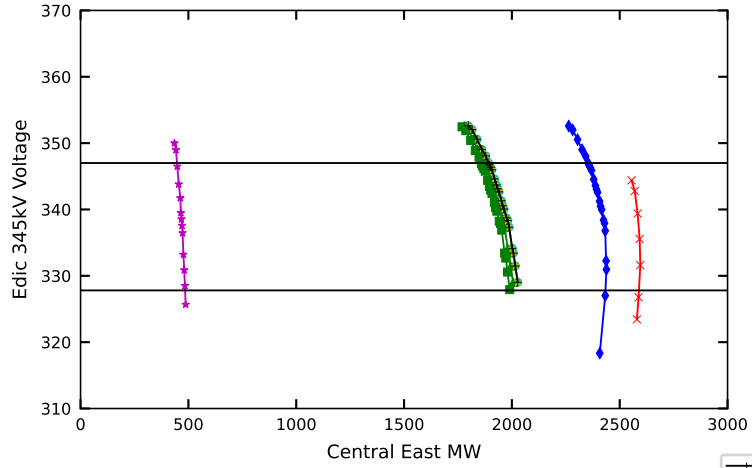
1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_05 Figure 1



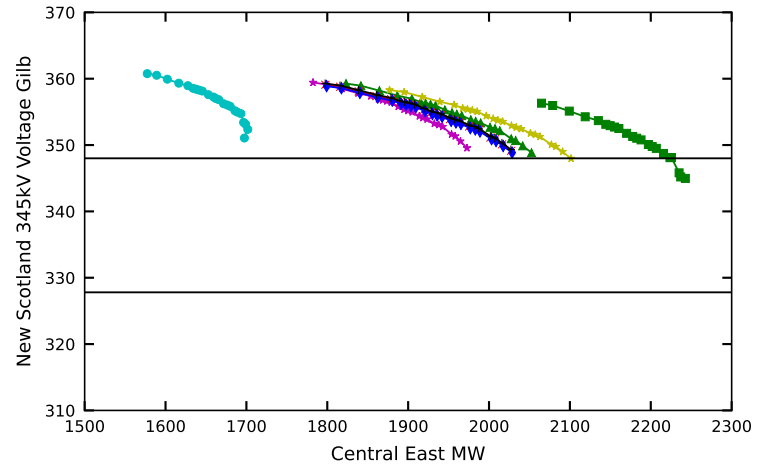
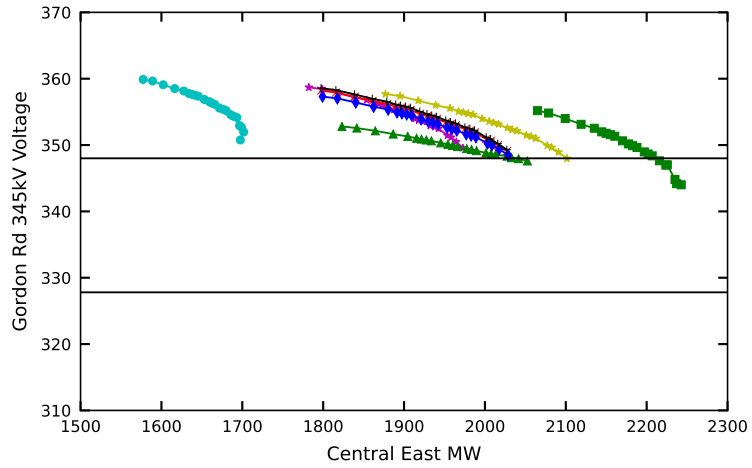
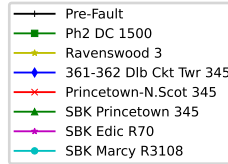
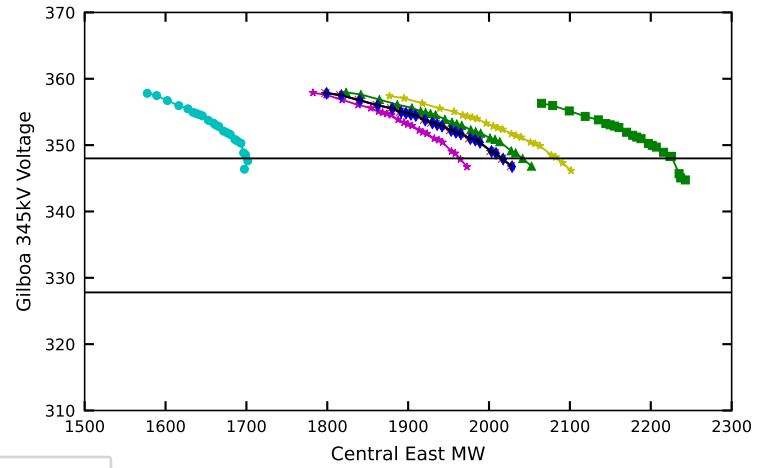
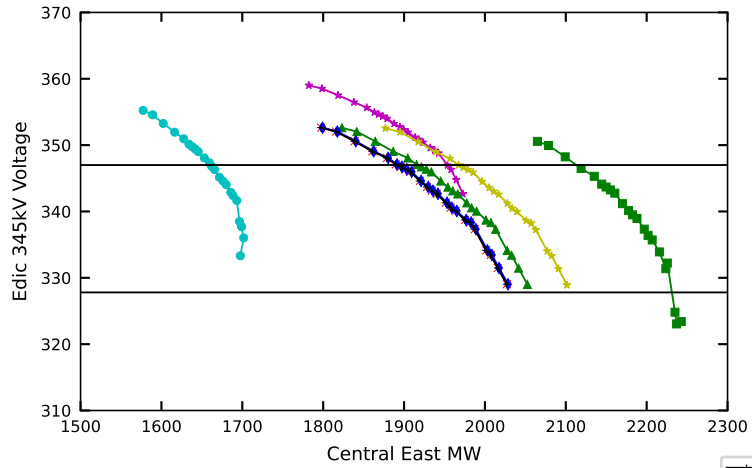
1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_05 Figure 2



1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_OS Figure 1



1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 4O 14_OS

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
1797	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1815	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1838	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1860	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1878	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1889	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1895	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1901	t8	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
1907	t9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
1919	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
1928	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
1934	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
1940	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
1951	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	4															
1957	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	5															
1963	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	6															
1975	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	7															
1981	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	8															
1987	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2001	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2007	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2015	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2027	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	1
	3															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-08-2023 15:36

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 4O 14_OS

Interface: Central East

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1784	limit with 5% margin	Marcy South N.	NA	NA	NA	2465
1840 >E	Dunwoodie 345kV Voltage	Pre-Fault	40.6	NA	348	1840
1843	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	462
1844 >E	Sprain Brook 345kV Voltage	Pre-Fault	40.5	NA	348	1844
1859	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	7.4	327.8	347.6	454
1863	Oakdale 345kV Voltage	Marcy South N.	5.0	320	351.6	2592
1870	Marcy 345kV Voltage	Pre-Fault	17.8	NA	348	1870
1885	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	349.2	464
1891 >E	Marcy 345kV Voltage	Marcy South N.	4.5	327.8	346.9	2597
1891	Edic 345kV Voltage	Pre-Fault	17.1	NA	347	1891
1895 >E	Edic 345kV Voltage	Marcy South N.	4.6	327.8	347.1	2598
1906	limit with 5% margin	Marcy South S.	NA	NA	NA	2316
1915	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1616
1915	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2130
1920	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.3	320	346.9	477
1925	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1925
1925	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	1905
1925	limit with 5% margin	SBK Edic R945	NA	NA	NA	1925
1925	limit with 5% margin	Volney-Marcy	NA	NA	NA	1890
1925	limit with 5% margin	SBK Edic R70	NA	NA	NA	1874
1925	limit with 5% margin	SBK Princetown 345	NA	NA	NA	1949
1925	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	1925
1925	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	1927
1925	limit with 5% margin	Ravenswood 3	NA	NA	NA	1996
1925 >E	Clay 345kV Voltage	Marcy South N.	5.4	327.8	352.9	2603
1935	Edic 345kV Voltage	Marcy-N.Scot99 345	2.2	327.8	343.0	484
1936	Millwood 345kV Voltage	Pre-Fault	109.4	NA	348	1936
1936	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.2	327.8	342.3	485
1946 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	12.9	500	507.9	490
1960 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	2.6	327.8	350.0	498
1973	Buchanan North 345kV Voltage	Pre-Fault	39.9	NA	346	1973
1974 >E	Pannell Road 345kV Voltage	Marcy South N.	8.3	327.8	350.4	2611
1985 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	348.0	512
1990	Coopers Corners 345kV Voltage	Pre-Fault	6.2	NA	338	1990
1992	Fraser 345kV Voltage	Pre-Fault	4.7	NA	338	1992
1994	Marcy 345kV Voltage	Ph2 DC 1500	1.9	327.8	335.0	2230
1995	Edic 345kV Voltage	Ph2 DC 1500	1.9	327.8	335.4	2231
1997	Station 80 345kV Voltage	Pre-Fault	7.0	NA	346	1997
1997	Pannell Road 345kV Voltage	Pre-Fault	7.0	NA	346	1997
1998	Rock Tavern 345kV Voltage	Pre-Fault	13.2	NA	348	1998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1999	Marcy 345kV Voltage	SBK Marcy R3108	2.2	327.8	333.9	1696
2001 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	4.8	207	230.4	520
2002 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	4.8	327.8	347.5	520
2003	Oakdale 345kV Voltage	Pre-Fault	7.3	NA	335	2003
2004 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	4.9	327.8	350.6	522
2006	Clay 345kV Voltage	Pre-Fault	9.9	NA	345	2006
2012 >E	Station 80 345kV Voltage	Marcy South N.	9.9	327.8	349.8	2618
2014	Marcy 345kV Voltage	SBK Edic R70	3.5	327.8	331.0	1963
2015	Gilboa 345kV Voltage	Pre-Fault	9.8	NA	348	2015
2017 >E	Marcy 345kV Voltage	Marcy South S.	4.2	327.8	331.3	2440
2020 >E	Edic 345kV Voltage	Marcy South S.	4.3	327.8	331.7	2441
2022 >E	Fraser 345kV Voltage	Marcy South S.	3.5	327.8	333.7	2442
2025	Marcy 345kV Voltage	Volney-Marcy	4.1	327.8	328.7	1988
2026 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	7.7	327.8	348.8	534
2027 >E	Edic 345kV Voltage	Volney-Marcy	4.2	327.8	328.9	1990
2028 >E	Coopers Corners 345kV Voltage	Ravenswood 3	5.2	327.8	332.0	2102
2028 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	327.8	2028
2028 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	4.5	327.8	327.8	2007
2028 >E	Marcy 345kV Voltage	SBK Edic R945	4.5	327.8	327.8	2028
2028 >E	Marcy 345kV Voltage	SBK Princetown 345	4.5	327.8	327.8	2054
2028 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	4.5	327.8	327.8	2029
2028 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.5	327.8	327.8	2030
2028 >E	Marcy 345kV Voltage	Ravenswood 3	4.5	327.8	327.8	2103
2030 >E	Watercure 230kV Voltage	Marcy South N.	12.1	207	230.8	2621
2032 >E	Edic 345kV Voltage	Ravenswood 3	4.5	327.8	327.9	2106
2032 >E	Edic 345kV Voltage	SBK Princetown 345	4.5	327.8	327.8	2057
2032 >E	Edic 345kV Voltage	N.Scot-Leeds 345	4.5	327.8	327.8	2010
2032 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.5	327.8	327.8	2034
2032 >E	Edic 345kV Voltage	Princetown-N.Scot 345	4.5	327.8	327.8	2032
2032 >E	Edic 345kV Voltage	SBK Edic R945	4.5	327.8	327.8	2032
2032 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	327.8	2032
2041 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	327.8	2019
2041 >E	Fraser 345kV Voltage	Volney-Marcy	4.4	327.8	327.8	2003
2041 >E	Fraser 345kV Voltage	SBK Princetown 345	4.4	327.8	327.8	2066
2041 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	327.8	327.8	2043
2041 >E	Fraser 345kV Voltage	Ravenswood 3	4.4	327.8	327.8	2115
2041 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	327.8	2041
2041 >E	Fraser 345kV Voltage	SBK Edic R945	4.4	327.8	327.8	2041

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Interface: Central East

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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2041 >E	Fraser 345kV Voltage	SBK Edic R70	4.4	327.8	327.8	1983
2041 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	4.4	327.8	327.8	2041
2041 >E	New Scotland 345kV Voltage Alps	Pre-Fault	11.2	NA	348	2041
2041 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	11.2	NA	348	2041
2042 >E	Fraser 345kV Voltage	SBK Marcy R3108	4.6	327.8	327.8	1709
2043 >E	Gordon Rd 345kV Voltage	Pre-Fault	12.2	NA	348	2043
2044 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.9	320	325.3	1710
2048 >E	Gilboa 345kV Voltage	Marcy South S.	4.7	327.8	346.7	2448
2048 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	5.3	327.8	328.2	2026
2048 >E	Oakdale 345kV Voltage	Marcy South S.	3.9	320	328.7	2448
2050 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	5.4	327.8	327.9	2075
2050 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	5.4	327.8	327.8	2052
2050 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	5.4	327.8	327.8	2051
2051 >E	Coopers Corners 345kV Voltage	SBK Edic R945	5.4	327.8	327.8	2051
2051 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	327.8	2051
2051 >E	Coopers Corners 345kV Voltage	SBK Edic R70	5.2	327.8	327.7	1990
2051 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	18.2	327.8	328.1	2265
2053 >E	Buchanan South 345kV Voltage	Pre-Fault	22.4	NA	346	2053
2054 >E	Oakdale 345kV Voltage	Volney-Marcy	3.7	320	322.0	2015
2054 >E	Coopers Corners 345kV Voltage	Volney-Marcy	5.4	327.8	327.1	2016
2055 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	10.8	218.5	230.0	549
2056 >E	Oakdale 345kV Voltage	Ravenswood 3	3.7	320	321.5	2129
2058 >E	Edic 345kV Voltage	SBK Marcy R3108	5.2	327.8	322.0	1714
2061 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.7	320	320.1	2038
2061 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.7	320	320.1	2086
2062 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	320	320.0	2063
2062 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.7	320	320.0	2062
2062 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.7	320	320.0	2062
2062 >E	Oakdale 345kV Voltage	SBK Edic R945	3.7	320	320.0	2062
2064 >E	Fraser 345kV Voltage	Ph2 DC 1500	14.6	327.8	323.1	2273
2066 >E	Oakdale 345kV Voltage	Ph2 DC 1500	9.1	320	320.1	2275
2068 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	9.3	218.5	225.4	1717
2068 >E	Oakdale 345kV Voltage	SBK Edic R70	3.8	320	318.3	2003
2073 >E	Ramapo 345kV Voltage	Pre-Fault	19.4	NA	346	2073
2074 >E	Pleasant Valley 345kV Voltage	Pre-Fault	22.2	NA	348	2074
2075 >E	Ramapo 500kV Voltage	Ravenswood 3	34.4	500	505.3	2147
2075 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	6.1	327.8	324.1	1719
2076 >E	New Scotland 345kV Voltage Alps	Marcy South S.	6.3	327.8	347.6	2456
2076 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	6.3	327.8	347.6	2456

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2079 >E	Gordon Rd 345kV Voltage	Marcy South S.	6.4	327.8	347.4	2456
2089 >E	Clay 345kV Voltage	Marcy South S.	5.7	327.8	336.6	2459
2091 >E	St.Lawrence 230kV Voltage	Pre-Fault	22.6	NA	225	2091
2099 >E	Gordon Rd 345kV Voltage	Marcy South N.	13.1	327.8	351.2	2632
2101 >E	New Scotland 345kV Voltage Alps	Marcy South N.	13.1	327.8	351.5	2633
2101 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	13.1	327.8	351.5	2633
2104 >E	Edic 345kV Voltage	SBK Edic R70	5.2	327.8	311.9	2029
2106 >E	Clay 345kV Voltage	Volney-Marcy	6.0	327.8	329.2	2064
2108 >E	Ladentown 345kV Voltage	Pre-Fault	20.4	NA	346	2108
2112 >E	Clay 345kV Voltage	Ravenswood 3	6.2	327.8	328.2	2182
2114 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	8.0	327.8	351.0	581
2115 >E	Clay 345kV Voltage	N.Scot-Leeds 345	6.3	327.8	327.9	2090
2115 >E	Clay 345kV Voltage	SBK Princetown 345	6.3	327.8	327.8	2139
2115 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	6.3	327.8	327.8	2116
2115 >E	Clay 345kV Voltage	Princetown-N.Scot 345	6.3	327.8	327.8	2115
2115 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	6.3	327.8	327.8	2115
2115 >E	Clay 345kV Voltage	SBK Edic R945	6.3	327.8	327.8	2115
2134 >E	Clay 345kV Voltage	SBK Marcy R3108	7.3	327.8	326.1	1737
2153 >E	Pannell Road 345kV Voltage	Marcy South S.	9.7	327.8	337.0	2475
2155 >E	Clay 345kV Voltage	SBK Edic R70	6.6	327.8	321.4	2066
2157 >E	Pannell Road 345kV Voltage	Volney-Marcy	8.8	327.8	328.9	2112
2159 >E	Roseton 345kV Voltage	Pre-Fault	20.4	NA	345	2159
2162 >E	Pannell Road 345kV Voltage	Ravenswood 3	9.0	327.8	328.4	2229
2163 >E	Bowline 1 345kV Voltage	Pre-Fault	20.6	NA	345	2163
2163 >E	St.Lawrence 230kV Voltage	Marcy South N.	23.4	218.5	230.3	2643
2166 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	9.1	327.8	327.9	2140
2167 >E	Pannell Road 345kV Voltage	SBK Princetown 345	9.1	327.8	327.8	2190
2167 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	327.8	2168
2167 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	9.1	327.8	327.8	2167
2167 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	327.8	2167
2167 >E	Pannell Road 345kV Voltage	SBK Edic R945	9.1	327.8	327.8	2167
2168 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	13.4	327.8	348.2	611
2170 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	16.3	327.8	344.0	612
2172 >E	Bowline 2 345kV Voltage	Pre-Fault	20.6	NA	345	2172
2172 >E	Rock Tavern 345kV Voltage	Ravenswood 3	10.6	327.8	333.1	2239
2177 >E	St.Lawrence 230kV Voltage	SBK Edic R70	17.7	218.5	221.2	2082
2185 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	17.2	218.5	227.9	620
2185 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	17.2	218.5	227.9	620
2189 >E	Station 80 345kV Voltage	Volney-Marcy	10.5	327.8	328.7	2141

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2191 >E	Station 80 345kV Voltage	Ravenswood 3	10.7	327.8	328.5	2257
2192 >E	Station 80 345kV Voltage	Marcy South S.	11.9	327.8	336.9	2485
2198 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	10.9	327.8	327.9	2171
2198 >E	Station 80 345kV Voltage	SBK Princetown 345	10.9	327.8	327.8	2221
2199 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	10.9	327.8	327.8	2200
2199 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	10.9	327.8	327.8	2199
2199 >E	Station 80 345kV Voltage	SBK Edic R945	10.9	327.8	327.8	2199
2199 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	10.9	327.8	327.8	2199
2200 >E	Pannell Road 345kV Voltage	SBK Edic R70	9.5	327.8	324.2	2099
2200 >E	Leeds 345kV Voltage	Marcy South S.	8.5	327.8	351.6	2487
2200 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	9.4	327.8	329.1	2173
2203 >E	Gilboa 345kV Voltage	Ravenswood 3	9.6	327.8	328.8	2269
2205 >E	Ramapo 500kV Voltage	Ph2 DC 1500	152.9	500	502.7	2365
2208 >E	St.Lawrence 230kV Voltage	Volney-Marcy	20.3	218.5	219.8	2159
2208 >E	Gilboa 345kV Voltage	SBK Edic R70	9.6	327.8	328.3	2105
2210 >E	Gilboa 345kV Voltage	SBK Marcy R3108	9.8	327.8	329.0	1760
2211 >E	Gilboa 345kV Voltage	SBK Princetown 345	9.7	327.8	328.0	2233
2212 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	9.8	327.8	327.9	2213
2213 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	9.8	327.8	327.9	2213
2213 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	9.8	327.8	327.8	2213
2213 >E	Gilboa 345kV Voltage	SBK Edic R945	9.8	327.8	327.8	2213
2214 >E	Gilboa 345kV Voltage	Volney-Marcy	9.8	327.8	327.8	2165
2214 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	9.7	327.8	332.5	2187
2214 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	9.7	327.8	332.5	2187
2221 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	12.7	327.8	327.4	1763
2221 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	14.6	327.8	349.1	640
2226 >E	St.Lawrence 230kV Voltage	Ravenswood 3	22.1	218.5	219.0	2290
2227 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	11.2	327.8	328.2	2199
2227 >E	Buchanan North 345kV Voltage	Ravenswood 3	18.8	327.8	335.1	2291
2228 >E	Dunwoodie 345kV Voltage	Ravenswood 3	22.9	327.8	335.9	2292
2228 >E	Sprain Brook 345kV Voltage	Ravenswood 3	22.7	327.8	335.9	2292
2229 >E	Leeds 345kV Voltage	Pre-Fault	19.2	NA	345	2229
2229 >E	Rock Tavern 345kV Voltage	SBK Edic R70	11.1	327.8	328.0	2120
2229 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	11.3	327.8	328.0	2251
2231 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	11.3	327.8	327.8	2232
2231 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	10.5	327.8	332.5	2203
2232 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	11.3	327.8	327.8	2232
2232 >E	Rock Tavern 345kV Voltage	SBK Edic R945	11.3	327.8	327.8	2232

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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2232 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	11.3	327.8	327.8	2232
2232 >E	Station 80 345kV Voltage	SBK Edic R70	11.4	327.8	324.7	2122
2236 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	22.5	218.5	218.6	2258
2238 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	22.6	218.5	218.5	2239
2238 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	22.6	218.5	218.5	2238
2238 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	22.6	218.5	218.5	2238
2238 >E	St.Lawrence 230kV Voltage	SBK Edic R945	22.6	218.5	218.5	2238
2239 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	22.7	218.5	218.5	2210
2240 >E	Rock Tavern 345kV Voltage	Volney-Marcy	11.5	327.8	327.1	2189
2242 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	14.5	327.8	350.5	650
2244 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	10.8	327.8	329.9	2307
2244 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	10.8	327.8	329.9	2307
2249 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	14.5	327.8	350.9	654
2252 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	10.7	327.8	329.2	2273
2252 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	10.7	327.8	329.2	2273
2259 >E	Ramapo 500kV Voltage	Marcy South S.	35.8	500	502.6	2502
2261 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	11.1	327.8	328.4	2262
2261 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	11.1	327.8	328.4	2262
2262 >E	Gordon Rd 345kV Voltage	Ravenswood 3	11.6	327.8	330.1	2324
2263 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	10.9	327.8	328.2	2145
2263 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	10.9	327.8	328.2	2145
2265 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	11.2	327.8	328.0	2265
2265 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	11.2	327.8	328.0	2265
2267 >E	Millwood 345kV Voltage	Ravenswood 3	20.3	327.8	335.6	2329
2267 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	11.2	327.8	327.8	2267
2267 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	11.2	327.8	327.8	2267
2267 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	11.2	327.8	327.8	2267
2267 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	11.2	327.8	327.8	2267
2268 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	37.8	500	500.3	2238
2268 >E	Ramapo 500kV Voltage	SBK Edic R70	37.0	500	500.3	2148
2270 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	11.1	327.8	327.6	2217
2270 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	11.1	327.8	327.6	2217
2271 >E	St.Lawrence 230kV Voltage	Marcy South S.	25.0	218.5	223.2	2505
2273 >E	Ramapo 500kV Voltage	SBK Princetown 345	38.4	500	500.2	2294
2279 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	38.7	500	500.0	2280
2279 >E	Ramapo 500kV Voltage	Volney-Marcy	38.8	500	500.0	2226
2280 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	38.7	500	500.0	2279

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2280 >E	Ramapo 500kV Voltage	Pre-Fault	38.7	NA	500	2280
2280 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	38.7	500	500.0	2280
2280 >E	Ramapo 500kV Voltage	SBK Edic R945	38.8	500	500.0	2280
2284 >E	Somerset 345kV Voltage	Marcy South N.	18.1	327.8	353.0	2664
2285 >E	Gordon Rd 345kV Voltage	SBK Edic R70	11.9	327.8	328.1	2161
2288 >E	Buchanan South 345kV Voltage	Ravenswood 3	19.5	327.8	335.5	2348
2289 >E	Gordon Rd 345kV Voltage	SBK Edic R945	12.2	327.8	327.8	2289
2289 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	12.2	327.8	327.8	2289
2291 >E	Gordon Rd 345kV Voltage	Volney-Marcy	12.1	327.8	327.6	2237
2292 >E	Gordon Rd 345kV Voltage	Princeton-N.Scot 345	12.5	327.8	327.6	2292
2293 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	11.3	327.8	326.6	1785
2293 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	11.3	327.8	326.6	1785
2293 >E	Fraser 345kV Voltage	Marcy South N.	18.8	327.8	327.8	2665
2297 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	19.4	327.8	345.8	680
2299 >E	Ramapo 345kV Voltage	Ravenswood 3	17.3	327.8	334.4	2359
2301 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	13.2	327.8	326.8	2302
2314 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	15.5	207	228.4	690
2316 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	12.4	327.8	327.1	1792
2320 >E	Ramapo 500kV Voltage	Marcy South N.	58.1	500	504.9	2670
2323 >E	Somerset 345kV Voltage	Pre-Fault	22.2	NA	338	2323
2328 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	13.7	327.8	353.2	698
2330 >E	Station 80 345kV Voltage	SBK Marcy R3108	18.8	327.8	327.0	1796
2331 >E	Ladentown 345kV Voltage	Ravenswood 3	18.1	327.8	335.1	2389
2349 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	16.2	327.8	321.2	1802
2363 >E	Bowline 1 345kV Voltage	Ravenswood 3	18.2	327.8	335.3	2419
2363 >E	Ramapo 500kV Voltage	SBK Marcy R3108	52.3	500	499.2	1806
2363 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	23.4	327.8	344.1	716
2367 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	18.6	327.8	348.5	718
2370 >E	Bowline 2 345kV Voltage	Ravenswood 3	18.2	327.8	335.4	2427
2370 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	27.2	327.8	341.2	720
2374 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	21.2	327.8	328.3	2341
2377 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	27.6	327.8	341.0	724
2378 >E	Buchanan North 345kV Voltage	SBK Princeton 345	21.4	327.8	328.1	2396
2380 >E	Buchanan North 345kV Voltage	SBK Edic R70	21.3	327.8	327.9	2230
2382 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	15.3	327.8	339.9	727
2382 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	21.5	327.8	327.9	2383
2383 >E	Buchanan North 345kV Voltage	Princeton-N.Scot 345	21.6	327.8	327.8	2383
2384 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	21.6	327.8	327.8	2384
2384 >E	Buchanan North 345kV Voltage	SBK Edic R945	21.6	327.8	327.8	2384

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2394 >E	Buchanan North 345kV Voltage	Volney-Marcy	21.9	327.8	327.3	2334
2415 >E	Pleasant Valley 345kV Voltage	Marcy South S.	20.4	327.8	344.2	2542
2416 >E	Roseton 345kV Voltage	Ravenswood 3	18.9	327.8	332.4	2470
2416 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	19.1	327.8	328.3	2382
2421 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	20.6	327.8	332.3	2474
2421 >E	Ramapo 345kV Voltage	SBK Princetown 345	19.3	327.8	328.1	2439
2421 >E	Ramapo 345kV Voltage	SBK Edic R70	19.1	327.8	328.0	2260
2425 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	19.4	327.8	327.9	2425
2425 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	19.4	327.8	327.8	2425
2426 >E	Ramapo 345kV Voltage	SBK Edic R945	19.4	327.8	327.8	2426
2426 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	19.4	327.8	327.8	2426
2437 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	23.0	327.8	328.4	2402
2437 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	26.6	327.8	328.3	2402
2437 >E	Ramapo 345kV Voltage	Volney-Marcy	19.7	327.8	327.2	2374
2438 >E	Niagara 230kV East Voltage	Ph2 DC 1500	30.6	218.5	219.9	2516
2438 >E	Niagara 230kV West Voltage	Ph2 DC 1500	30.6	218.5	219.9	2516
2438 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	26.8	327.8	328.3	2404
2442 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	26.9	327.8	328.1	2459
2442 >E	Millwood 345kV Voltage	SBK Princetown 345	23.3	327.8	328.2	2460
2443 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	27.2	327.8	328.1	2460
2445 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	16.6	327.8	337.8	761
2445 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	16.6	327.8	337.8	761
2447 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	21.9	327.8	328.4	2412
2449 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	27.2	327.8	327.9	2449
2449 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	23.5	327.8	327.9	2450
2449 >E	Millwood 345kV Voltage	SBK Edic R70	23.3	327.8	327.9	2281
2449 >E	Sprain Brook 345kV Voltage	SBK Edic R70	27.0	327.8	327.8	2281
2450 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	27.2	327.8	327.8	2449
2450 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	27.4	327.8	327.9	2450
2450 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	23.5	327.8	327.8	2450
2450 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	27.2	327.8	327.8	2450
2450 >E	Sprain Brook 345kV Voltage	SBK Edic R945	27.2	327.8	327.8	2450
2451 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	23.5	327.8	327.8	2451
2451 >E	Millwood 345kV Voltage	SBK Edic R945	23.5	327.8	327.8	2451
2451 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	27.4	327.8	327.8	2451
2451 >E	Dunwoodie 345kV Voltage	SBK Edic R70	27.3	327.8	327.8	2282
2451 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	27.4	327.8	327.8	2451

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2451 >E	Dunwoodie 345kV Voltage	SBK Edic R945	27.4	327.8	327.8	2451
2453 >E	Buchanan South 345kV Voltage	SBK Princetown 345	22.2	327.8	328.1	2470
2458 >E	Buchanan South 345kV Voltage	SBK Edic R70	22.1	327.8	327.9	2287
2459 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	22.3	327.8	327.9	2459
2460 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	22.3	327.8	327.8	2460
2460 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	22.4	327.8	327.8	2460
2460 >E	Buchanan South 345kV Voltage	SBK Edic R945	22.4	327.8	327.8	2460
2463 >E	Millwood 345kV Voltage	Volney-Marcy	23.9	327.8	327.3	2399
2463 >E	Sprain Brook 345kV Voltage	Volney-Marcy	27.7	327.8	327.3	2399
2465 >E	Dunwoodie 345kV Voltage	Volney-Marcy	28.0	327.8	327.3	2400
2468 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	20.0	327.8	328.4	2432
2473 >E	Buchanan South 345kV Voltage	Volney-Marcy	22.8	327.8	327.2	2408
2474 >E	Ladentown 345kV Voltage	SBK Princetown 345	20.3	327.8	328.1	2491
2475 >E	Ladentown 345kV Voltage	SBK Edic R70	20.1	327.8	328.0	2299
2479 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	20.4	327.8	327.9	2479
2479 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	20.4	327.8	327.8	2479
2480 >E	Ladentown 345kV Voltage	SBK Edic R945	20.4	327.8	327.8	2480
2480 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	20.4	327.8	327.8	2480
2483 >E	Gilboa 345kV Voltage	Marcy South N.	23.9	327.8	339.6	2698
2493 >E	Ladentown 345kV Voltage	Volney-Marcy	20.8	327.8	327.2	2426
2497 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	20.0	327.8	328.4	2460
2498 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	21.4	327.8	328.9	2462
2501 >E	Niagara 230kV East Voltage	SBK Marcy R3108	33.0	218.5	217.9	1847
2501 >E	Niagara 230kV West Voltage	SBK Marcy R3108	33.0	218.5	217.9	1847
2502 >E	Roseton 345kV Voltage	SBK Princetown 345	20.2	327.8	328.1	2519
2505 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	20.3	327.8	328.4	2468
2505 >E	Roseton 345kV Voltage	SBK Edic R70	20.2	327.8	328.0	2321
2508 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	20.4	327.8	327.9	2508
2509 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	20.4	327.8	327.8	2508
2509 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	20.4	327.8	327.8	2509
2509 >E	Roseton 345kV Voltage	SBK Edic R945	20.4	327.8	327.8	2509
2509 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	21.9	327.8	328.4	2525
2511 >E	Bowline 1 345kV Voltage	SBK Princetown 345	20.5	327.8	328.1	2527
2512 >E	Bowline 1 345kV Voltage	SBK Edic R70	20.3	327.8	328.1	2326
2514 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	20.2	327.8	328.4	2476
2516 >E	Gilboa 345kV Voltage	Ph2 DC 1500	29.5	327.8	299.1	2566
2516 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	20.6	327.8	327.9	2517

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2517 >E	Somerset 345kV Voltage	Ravenswood 3	21.3	327.8	329.2	2566
2517 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	20.6	327.8	327.8	2517
2518 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	20.6	327.8	327.8	2518
2518 >E	Bowline 1 345kV Voltage	SBK Edic R945	20.6	327.8	327.8	2518
2519 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	22.1	327.8	327.9	2520
2520 >E	Bowline 2 345kV Voltage	SBK Princetown 345	20.4	327.8	328.1	2536
2520 >E	Somerset 345kV Voltage	Marcy South S.	22.4	327.8	340.5	2569
2521 >E	Bowline 2 345kV Voltage	SBK Edic R70	20.3	327.8	328.1	2333
2521 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	22.2	327.8	327.8	2521
2521 >E	Roseton 345kV Voltage	Volney-Marcy	20.7	327.8	327.2	2453
2521 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	22.1	327.8	327.8	2333
2522 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	22.2	327.8	327.8	2522
2522 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	22.2	327.8	327.8	2522
2525 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	20.6	327.8	327.9	2525
2526 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	20.6	327.8	327.8	2526
2526 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	20.6	327.8	327.8	2526
2526 >E	Bowline 2 345kV Voltage	SBK Edic R945	20.6	327.8	327.8	2526
2528 >E	Somerset 345kV Voltage	Volney-Marcy	21.4	327.8	328.8	2459
2531 >E	Bowline 1 345kV Voltage	Volney-Marcy	21.0	327.8	327.1	2462
2532 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	22.4	327.8	327.3	2463
2540 >E	Bowline 2 345kV Voltage	Volney-Marcy	21.0	327.8	327.1	2470
2547 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	22.1	327.8	327.9	2509
2548 >E	Somerset 345kV Voltage	SBK Princetown 345	22.2	327.8	327.8	2563
2549 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	22.2	327.8	327.8	2549
2549 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	22.2	327.8	327.8	2549
2549 >E	Somerset 345kV Voltage	SBK Edic R945	22.2	327.8	327.8	2549
2549 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	22.2	327.8	327.8	2549
2559 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	19.2	327.8	327.8	2521
2559 >E	Leeds 345kV Voltage	Volney-Marcy	19.2	327.8	327.8	2489
2559 >E	Leeds 345kV Voltage	SBK Edic R945	19.2	327.8	327.8	2559
2559 >E	Leeds 345kV Voltage	SBK Edic R70	19.2	327.8	327.8	2361
2559 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	19.2	327.8	327.8	2559
2559 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	19.2	327.8	327.8	2560
2559 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	19.2	327.8	327.8	2559
2559 >E	Leeds 345kV Voltage	SBK Princetown 345	19.2	327.8	327.8	2575
2559 >E	Leeds 345kV Voltage	Ravenswood 3	19.2	327.8	327.8	2606
2600 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	34.0	327.8	301.8	2620

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2601 >E	Leeds 345kV Voltage	SBK Marcy R3108	20.7	327.8	327.8	1877
2609 >E	Somerset 345kV Voltage	SBK Edic R70	23.6	327.8	325.1	2397
2669 >E	Gordon Rd 345kV Voltage	SBK Princetown 345	32.5	327.8	296.7	2682
2676 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	37.0	327.8	322.2	1900
2698 >E	Ramapo 345kV Voltage	SBK Marcy R3108	31.0	327.8	321.0	1907
2706 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	40.2	327.8	291.3	2689
2706 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	40.2	327.8	291.3	2689
2719 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	29.6	327.8	323.7	1913
2727 >E	Roseton 345kV Voltage	SBK Marcy R3108	28.4	327.8	322.1	1915
2746 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	32.1	327.8	343.1	924
2782 >E	Roseton 345kV Voltage	Marcy South S.	30.0	327.8	339.4	2635
2788 >E	Millwood 345kV Voltage	Marcy South S.	39.6	327.8	335.9	2637
2790 >E	Ladentown 345kV Voltage	SBK Marcy R3108	32.8	327.8	320.7	1934
2815 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	38.5	327.8	321.5	1942
2817 >E	Dunwoodie 345kV Voltage	Marcy South S.	47.4	327.8	334.7	2644
2821 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	49.7	327.8	288.1	2763
2822 >E	Sprain Brook 345kV Voltage	Marcy South S.	47.3	327.8	334.6	2646
2837 >E	Millwood 345kV Voltage	SBK Marcy R3108	42.3	327.8	321.8	1949
2843 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	32.9	327.8	320.2	1950
2849 >E	Leeds 345kV Voltage	Marcy South N.	32.7	327.8	347.2	2760
2855 >E	Watercure 230kV Voltage	Marcy South S.	34.9	207	246.6	2654
2858 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	32.8	327.8	320.0	1955
2877 >E	Gardenville 230kV Voltage	Marcy South N.	41.8	207	230.8	2765
2887 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	52.2	327.8	322.2	1964
2893 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	52.2	327.8	322.1	1965
2943 >E	Niagara 345kV Voltage	Pre-Fault	48.5	NA	338	2943
2949 >E	Niagara 345kV Voltage	Marcy South N.	36.7	327.8	356.1	2777
2959 >E	Buchanan South 345kV Voltage	Marcy South S.	43.1	327.8	333.9	2680
2970 >E	Niagara 230kV East Voltage	Pre-Fault	117.5	NA	225	2970
2970 >E	Niagara 230kV West Voltage	Pre-Fault	117.5	NA	225	2970
3009 >E	Buchanan North 345kV Voltage	Marcy South S.	48.0	327.8	329.5	2693
3020 >E	Niagara 230kV East Voltage	Marcy South N.	78.3	218.5	232.7	2789
3020 >E	Niagara 230kV West Voltage	Marcy South N.	78.3	218.5	232.7	2789
3035 >E	Rainey 345kV Voltage	Ravenswood 3	50.8	327.8	341.1	3056
3091 >E	Farragut 345kV Voltage	Ravenswood 3	53.3	327.8	340.2	3109
3224 >E	Coopers Corners 345kV Voltage	Marcy South N.	43.5	327.8	292.9	2824
3270 >E	Farragut 345kV Voltage	Pre-Fault	80.3	NA	338	3270
3273 >E	Rainey 345kV Voltage	Pre-Fault	77.9	NA	338	3273
3299 >E	Niagara 345kV Voltage	Ravenswood 3	44.4	327.8	330.7	3306
3336 >E	Niagara 345kV Voltage	Marcy South S.	46.7	327.8	343.7	2776
3385 >E	Niagara 345kV Voltage	Volney-Marcy	46.7	327.8	328.9	3262

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3407 >E	Ramapo 345kV Voltage	Marcy South S.	53.4	327.8	325.4	2794
3429 >E	Niagara 230kV East Voltage	Ravenswood 3	98.0	218.5	221.1	3429
3429 >E	Niagara 230kV West Voltage	Ravenswood 3	98.0	218.5	221.1	3429
3435 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	48.4	327.8	327.9	3368
3435 >E	Niagara 345kV Voltage	SBK Princetown 345	48.4	327.8	327.9	3434
3438 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	48.5	327.8	327.8	3436
3438 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	48.5	327.8	327.8	3437
3438 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	48.5	327.8	327.8	3438
3438 >E	Niagara 345kV Voltage	SBK Edic R945	48.5	327.8	327.8	3438
3440 >E	Rock Tavern 345kV Voltage	Marcy South S.	47.7	327.8	308.0	2803
3449 >E	Ramapo 345kV Voltage	Ph2 DC 1500	74.6	327.8	290.3	3170
3464 >E	Ladentown 345kV Voltage	Marcy South S.	54.3	327.8	326.6	2809
3475 >E	Niagara 230kV East Voltage	Marcy South S.	100.5	218.5	227.3	2812
3475 >E	Niagara 230kV West Voltage	Marcy South S.	100.5	218.5	227.3	2812
3488 >E	Gardenville 230kV Voltage	Marcy South S.	58.1	207	223.2	2815
3501 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	96.9	327.8	293.9	3204
3526 >E	Gardenville 230kV Voltage	SBK Marcy R3108	57.6	207	208.3	2156
3528 >E	Roseton 345kV Voltage	Ph2 DC 1500	64.4	327.8	288.4	3221
3569 >E	Goethals 345kV Voltage	Ravenswood 3	72.3	327.8	339.0	3562
3601 >E	Pleasant Valley 345kV Voltage	Marcy South N.	69.6	327.8	339.7	2888
3619 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	71.4	327.8	289.3	3280
3620 >E	Niagara 345kV Voltage	SBK Edic R70	53.7	327.8	324.0	3135
3663 >E	Niagara 230kV East Voltage	Volney-Marcy	112.7	218.5	219.1	3522
3663 >E	Niagara 230kV West Voltage	Volney-Marcy	112.7	218.5	219.1	3522
3674 >E	Goethals 345kV Voltage	Pre-Fault	108.0	NA	338	3674
3679 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	56.5	327.8	327.8	1430
3706 >E	Bowline 1 345kV Voltage	Marcy South S.	59.8	327.8	324.1	2871
3723 >E	Bowline 2 345kV Voltage	Marcy South S.	59.6	327.8	324.3	2875
3729 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	117.2	218.5	218.5	3652
3729 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	117.2	218.5	218.5	3652
3730 >E	Niagara 230kV East Voltage	SBK Princetown 345	117.3	218.5	218.5	3723
3730 >E	Niagara 230kV West Voltage	SBK Princetown 345	117.3	218.5	218.5	3723
3733 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	117.4	218.5	218.5	3731
3733 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	117.4	218.5	218.5	3731
3734 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	117.5	218.5	218.5	3732
3734 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	117.5	218.5	218.5	3732
3734 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	117.5	218.5	218.5	3734
3734 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	117.5	218.5	218.5	3734

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3734 >E	Niagara 230kV East Voltage	SBK Edic R945	117.5	218.5	218.5	3734
3734 >E	Niagara 230kV West Voltage	SBK Edic R945	117.5	218.5	218.5	3734
3738 >E	Ladentown 345kV Voltage	Ph2 DC 1500	82.3	327.8	284.1	3357
3785 >E	Leeds 345kV Voltage	Ph2 DC 1500	63.0	327.8	270.5	3387
3890 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	83.2	327.8	279.7	3455
3921 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	82.9	327.8	278.9	3475
4022 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	76.3	327.8	328.4	3937
4043 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	78.6	327.8	328.4	3957
4045 >E	Rainey 345kV Voltage	SBK Princetown 345	77.2	327.8	328.1	4032
4053 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	108.1	327.8	280.9	3561
4059 >E	Rainey 345kV Voltage	SBK Edic R70	77.5	327.8	327.9	3455
4064 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	77.8	327.8	327.8	4061
4066 >E	Farragut 345kV Voltage	SBK Princetown 345	79.6	327.8	328.1	4052
4067 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	77.9	327.8	327.8	4065
4067 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	77.9	327.8	327.8	4067
4068 >E	Rainey 345kV Voltage	SBK Edic R945	77.9	327.8	327.8	4068
4081 >E	Farragut 345kV Voltage	SBK Edic R70	79.9	327.8	327.9	3470
4085 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	80.2	327.8	327.8	4082
4088 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	80.3	327.8	327.8	4086
4089 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	80.3	327.8	327.8	4089
4089 >E	Farragut 345kV Voltage	SBK Edic R945	80.3	327.8	327.8	4089
4109 >E	Rainey 345kV Voltage	Volney-Marcy	79.3	327.8	327.3	3940
4112 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	82.6	327.8	348.1	1665
4124 >E	Niagara 230kV East Voltage	SBK Edic R70	142.0	218.5	215.2	3502
4124 >E	Niagara 230kV West Voltage	SBK Edic R70	142.0	218.5	215.2	3502
4130 >E	Farragut 345kV Voltage	Volney-Marcy	81.7	327.8	327.3	3960
4132 >E	Coopers Corners 345kV Voltage	Marcy South S.	54.0	327.8	170.4	2979
4132 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	85.1	327.8	347.7	1676
4193 >E	Gardenville 230kV Voltage	Pre-Fault	131.7	NA	217	4193
4355 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	178.4	327.8	150.9	3756
4384 >E	Millwood 345kV Voltage	Ph2 DC 1500	131.7	327.8	275.5	3775
4441 >E	Buchanan North 345kV Voltage	Marcy South N.	118.6	327.8	329.2	3030
4567 >E	Roseton 345kV Voltage	Marcy South N.	94.7	327.8	332.1	3052
4618 >E	Rock Tavern 345kV Voltage	Marcy South N.	93.8	327.8	312.7	3060
4652 >E	Watercure 230kV Voltage	Volney-Marcy	106.1	207	215.5	4448
4663 >E	Watercure 230kV Voltage	Ravenswood 3	106.9	207	215.5	4599
4714 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	105.7	327.8	328.4	4607
4736 >E	Watercure 230kV Voltage	Pre-Fault	155.4	NA	215	4736
4745 >E	Goethals 345kV Voltage	SBK Princetown 345	107.0	327.8	328.1	4719

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4758 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	174.9	327.8	276.1	4017
4766 >E	Goethals 345kV Voltage	SBK Edic R70	107.5	327.8	327.9	3970
4771 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	107.9	327.8	327.8	4766
4774 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	108.0	327.8	327.8	4772
4775 >E	Goethals 345kV Voltage	SBK Edic R945	108.0	327.8	327.8	4775
4776 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	108.0	327.8	327.8	4776
4784 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	111.5	327.8	347.7	2029
4797 >E	Millwood 345kV Voltage	Marcy South N.	131.9	327.8	331.4	3091
4823 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	178.6	327.8	274.5	4060
4829 >E	Goethals 345kV Voltage	Volney-Marcy	109.9	327.8	327.3	4614
4930 >E	Buchanan South 345kV Voltage	Marcy South N.	128.0	327.8	331.0	3113
4956 >E	Ramapo 345kV Voltage	Marcy South N.	117.0	327.8	328.2	3118
4957 >E	Gardenville 230kV Voltage	Ravenswood 3	111.4	207	211.2	4877
5126 >E	Sprain Brook 345kV Voltage	Marcy South N.	166.8	327.8	329.5	3147
5155 >E	Dunwoodie 345kV Voltage	Marcy South N.	169.2	327.8	329.5	3152
5220 >E	Gardenville 230kV Voltage	Ph2 DC 1500	123.4	207	180.1	4317
5233 >E	Gardenville 230kV Voltage	Volney-Marcy	121.8	207	209.1	4992
5415 >E	Ladentown 345kV Voltage	Marcy South N.	129.4	327.8	329.4	3196
5474 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	130.4	207	207.3	5342
5500 >E	Gardenville 230kV Voltage	SBK Princetown 345	131.3	207	207.1	5459
5508 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	131.6	207	207.0	5501
5509 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	131.6	207	207.0	5506
5509 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	131.7	207	207.0	5509
5510 >E	Gardenville 230kV Voltage	SBK Edic R945	131.7	207	207.0	5510
5879 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	151.7	207	207.6	5734
5879 >E	Watercure 230kV Voltage	SBK Princetown 345	151.7	207	207.6	5831
5895 >E	Rainey 345kV Voltage	Marcy South S.	145.4	327.8	339.9	3428
5941 >E	Farragut 345kV Voltage	Marcy South S.	150.1	327.8	339.7	3440
5964 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	154.8	207	207.1	5956
5972 >E	Gardenville 230kV Voltage	SBK Edic R70	147.7	207	203.5	4849
5975 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	155.2	207	207.0	5972
5979 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	155.4	207	207.0	5979
5979 >E	Watercure 230kV Voltage	SBK Edic R945	155.4	207	207.0	5979
5984 >E	Bowline 1 345kV Voltage	Marcy South N.	142.5	327.8	328.9	3292
6025 >E	Bowline 2 345kV Voltage	Marcy South N.	141.9	327.8	329.8	3299
6531 >E	Rainey 345kV Voltage	SBK Marcy R3108	169.7	327.8	319.5	3060
6604 >E	Farragut 345kV Voltage	SBK Marcy R3108	175.9	327.8	319.7	3082
7075 >E	Watercure 230kV Voltage	SBK Edic R70	193.0	207	199.9	5654

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7198 >E	Goethals 345kV Voltage	Marcy South S.	200.8	327.8	340.0	3760
8047 >E	Northport 138kV Voltage	Pre-Fault	686.0	NA	135	8047
8178 >E	Goethals 345kV Voltage	SBK Marcy R3108	239.2	327.8	319.6	3556
8398 >E	Clay 345kV Voltage	Ph2 DC 1500	608.7	327.8	-600.9	6373
8927 >E	Northport 138kV Voltage	Ravenswood 3	557.4	131.1	133.7	8638
10550 >E	Northport 138kV Voltage	N.Scot-Leeds 345	672.6	131.1	131.4	10256
10647 >E	Northport 138kV Voltage	SBK Princetown 345	680.2	131.1	131.2	10507
10691 >E	Northport 138kV Voltage	SBK Edic R70	683.4	131.1	131.1	8292
10713 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	685.3	131.1	131.1	10694
10722 >E	Northport 138kV Voltage	Princetown-N.Scot 345	686.0	131.1	131.1	10715
10722 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	686.0	131.1	131.1	10722
10722 >E	Northport 138kV Voltage	SBK Edic R945	686.0	131.1	131.1	10722
10886 >E	Northport 138kV Voltage	Volney-Marcy	698.4	131.1	130.9	10287
11785 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	774.4	131.1	140.8	5826
13802 >E	Watercure 230kV Voltage	SBK Marcy R3108	497.0	207	281.1	5249
15462 >E	Rainey 345kV Voltage	Marcy South N.	495.5	327.8	332.5	4902
15519 >E	Farragut 345kV Voltage	Marcy South N.	507.9	327.8	332.7	4912
17064 >E	Northport 138kV Voltage	SBK Marcy R3108	1182.4	131.1	127.8	6231
17316 >E	Rainey 345kV Voltage	Ph2 DC 1500	584.0	327.8	236.8	12145
17481 >E	Farragut 345kV Voltage	Ph2 DC 1500	602.3	327.8	239.2	12252
19759 >E	Goethals 345kV Voltage	Marcy South N.	679.0	327.8	333.6	5632
20479 >E	Northport 138kV Voltage	Marcy South S.	1451.2	131.1	136.6	7141
21797 >E	Goethals 345kV Voltage	Ph2 DC 1500	777.7	327.8	245.0	15045

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

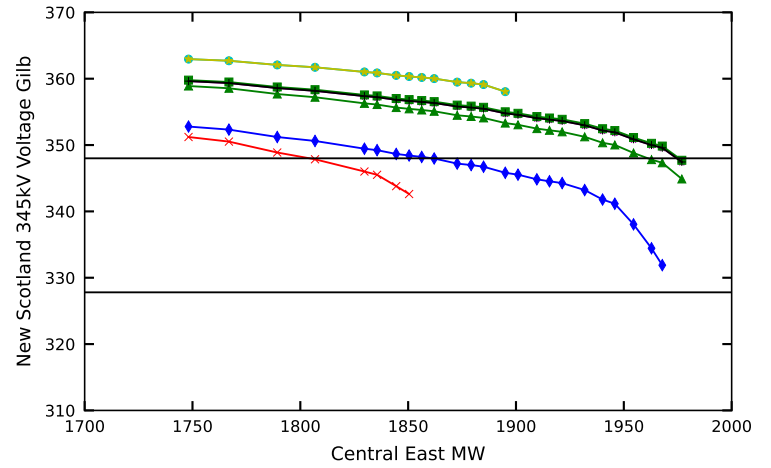
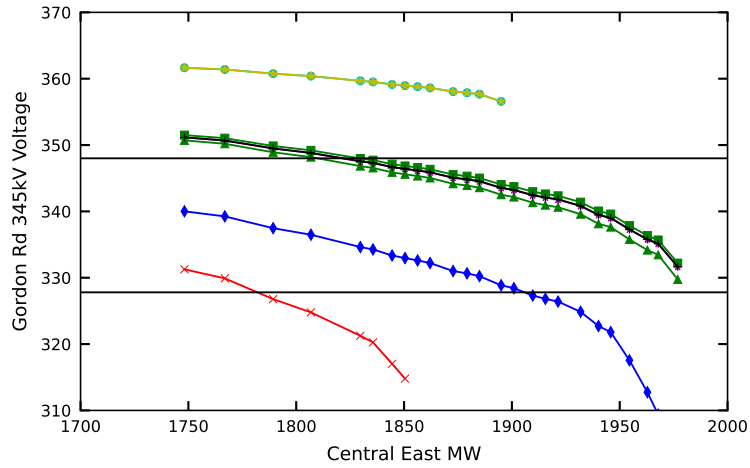
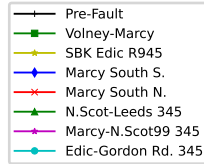
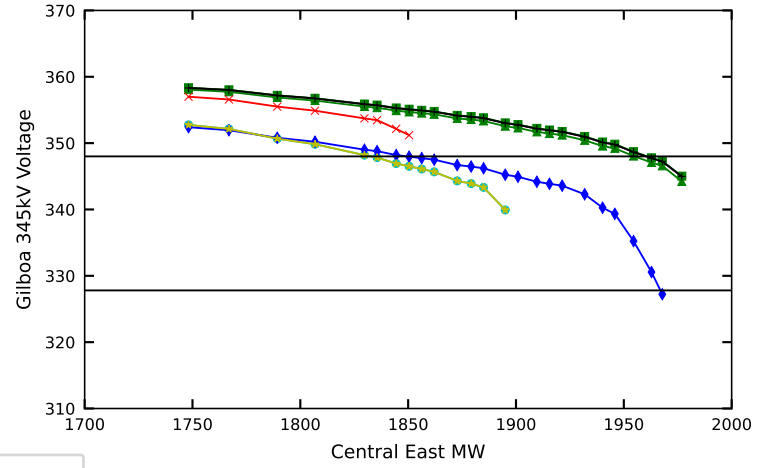
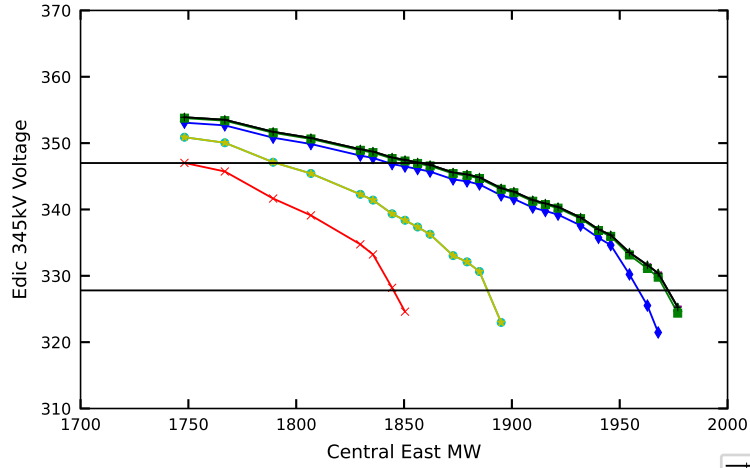
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1: 2023S CEVC PH2 CE1790 MS2270 DE1300 40 14_OS

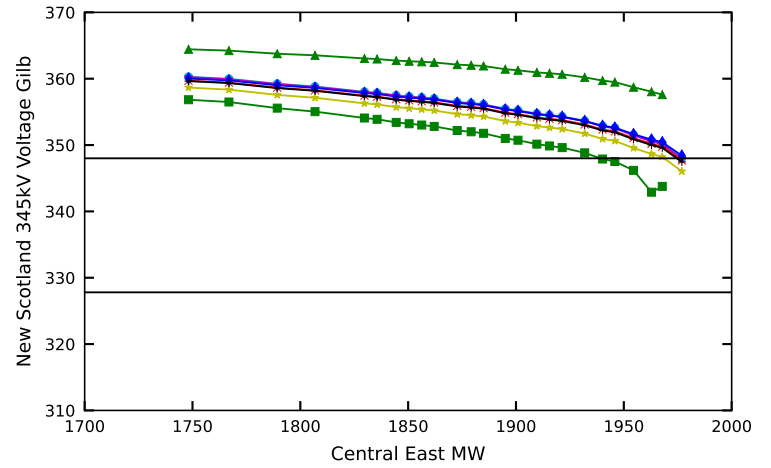
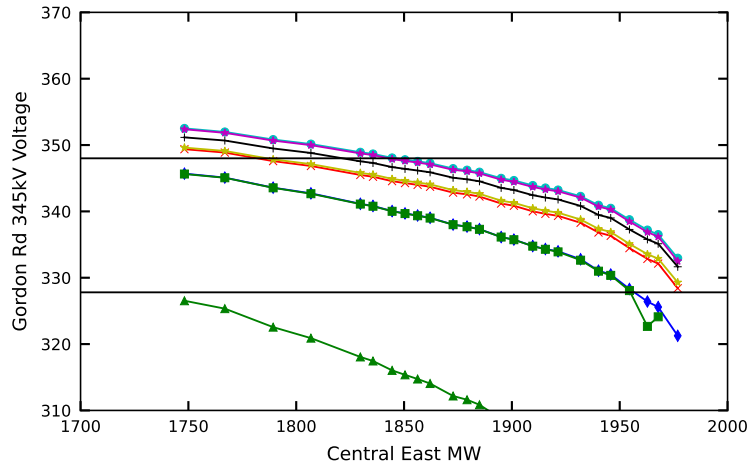
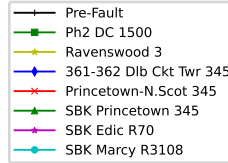
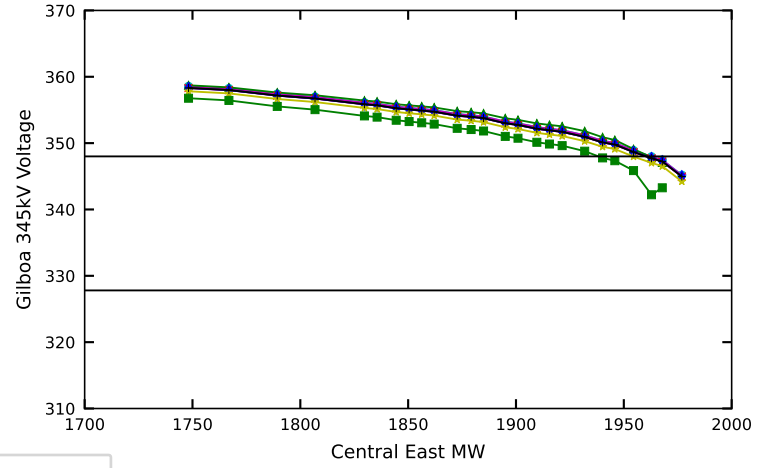
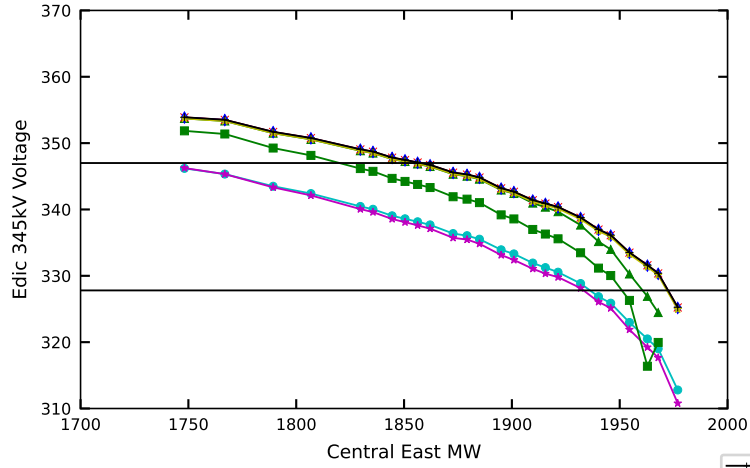
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
41329 >E	Northport 138kV Voltage	Ph2 DC 1500	3102.3	131.1	102.1	27686
89612 >E	Northport 138kV Voltage	Marcy South N.	6885.4	131.1	131.5	17498
99998 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	NA	218.5	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

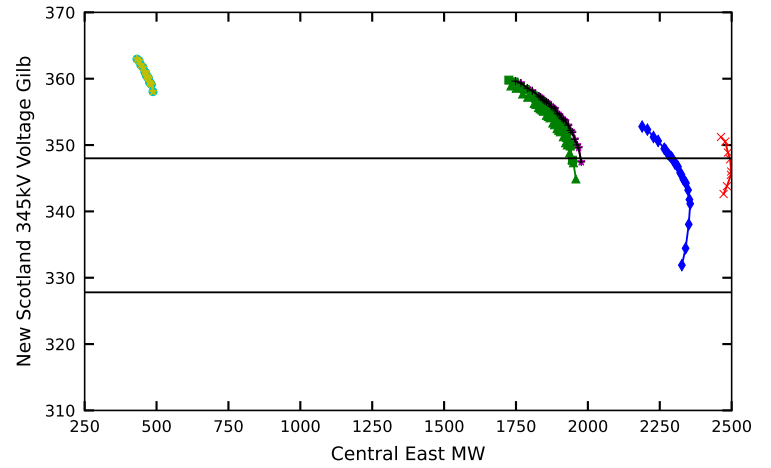
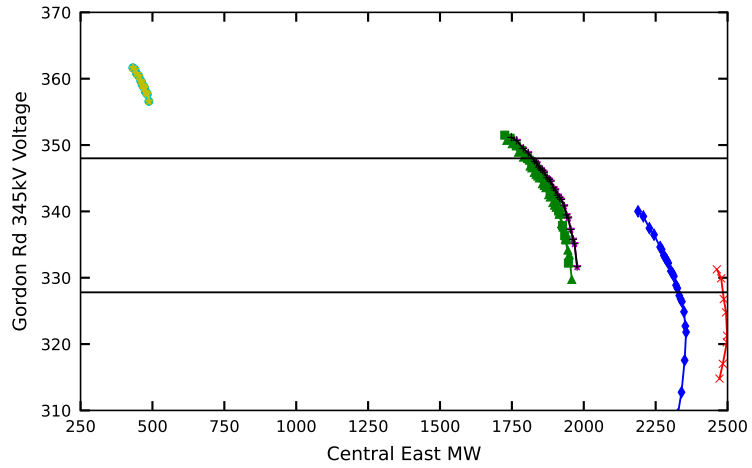
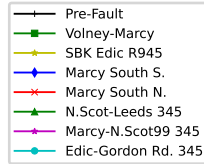
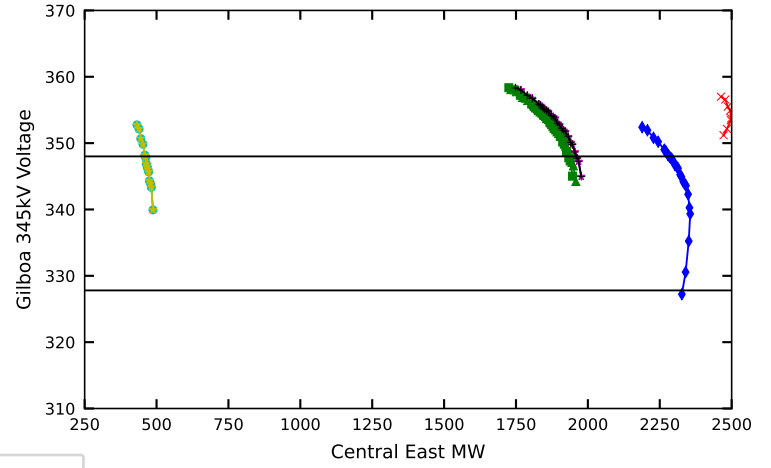
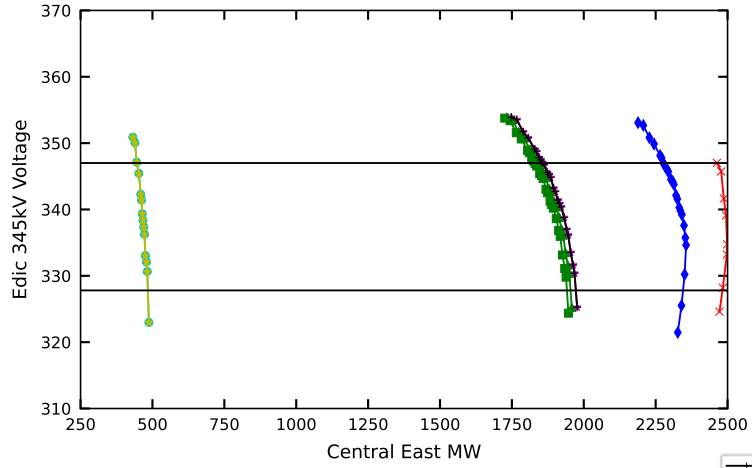
1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_05 Figure 1



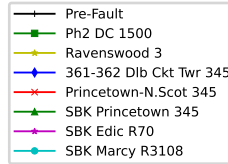
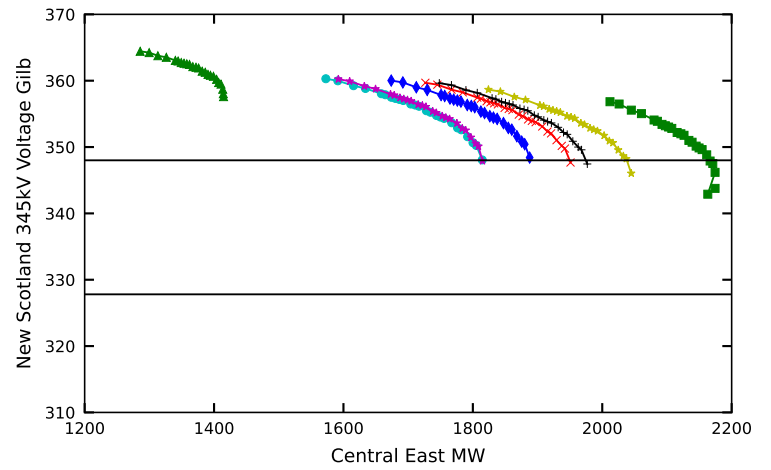
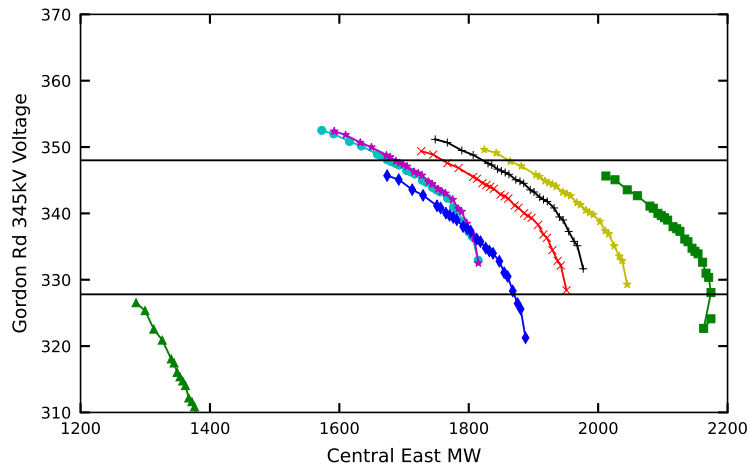
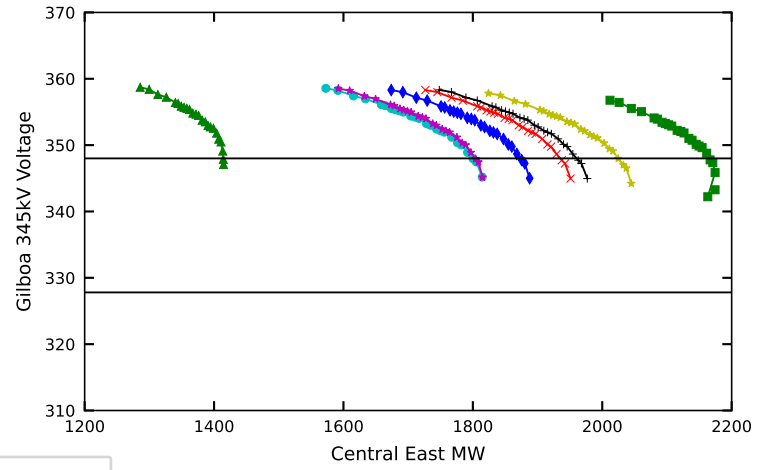
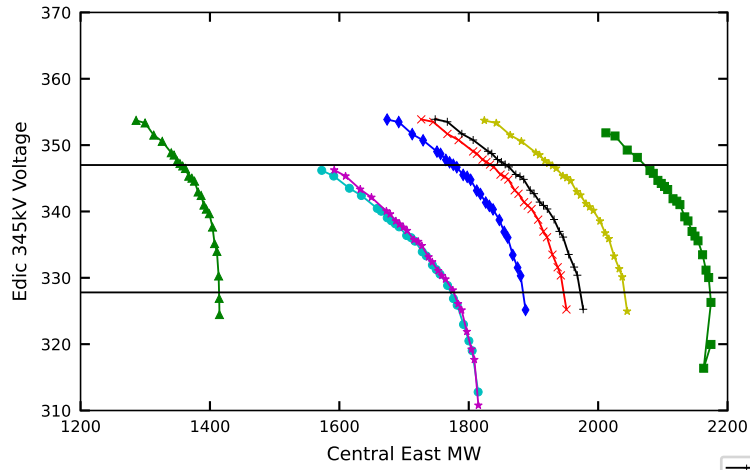
1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_05 Figure 2



1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS Figure 1



1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS

Interface: Central East

Transfer	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
	MW	e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
1748	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1766	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1789	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1806	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1829	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1835	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1844	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1850	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1856	t9	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
1862	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
1872	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
1879	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
1884	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
1895	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
1900	t1	0	1	0	0	2	0	1	0	0	0	0	0	0	0	0
	5															
1909	t1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	6															
1915	t1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	7															
1921	t1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	8															
1931	t1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	9															
1940	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	0															
1945	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	1															
1954	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	2															
1962	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	3															
1967	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	4															
1976	t2	0	2	0	0	2	2	2	0	0	0	2	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 4O 18_OS

Interface: Central East

Twr 345																								
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																								
wood 3																								
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Ph2 DC																								
1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1728 <E	Gordon Rd 345kV Voltage	SBK Princetown 345	15.7	327.8	351.7	1271
1738	limit with 5% margin	Marcy South N.	NA	NA	NA	2373
1781	Gordon Rd 345kV Voltage	Marcy South N.	7.2	327.8	349.9	2483
1800	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	463
1800	limit with 5% margin	SBK Edic R945	NA	NA	NA	463
1818	Coopers Corners 345kV Voltage	SBK Edic R945	6.4	327.8	347.9	456
1818	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.4	327.8	347.9	456
1821	Gordon Rd 345kV Voltage	Pre-Fault	18.2	NA	348	1821
1821	Oakdale 345kV Voltage	Marcy South N.	5.1	320	351.8	2497
1837 >E	Dunwoodie 345kV Voltage	Pre-Fault	28.7	NA	348	1837
1839 >E	Sprain Brook 345kV Voltage	Pre-Fault	28.8	NA	348	1839
1840	Fraser 345kV Voltage	SBK Edic R945	3.7	327.8	349.6	463
1840	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.7	327.8	349.6	463
1848	limit with 5% margin	Marcy South S.	NA	NA	NA	2238
1849	Marcy 345kV Voltage	Pre-Fault	16.5	NA	348	1849
1856	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2065
1857	Edic 345kV Voltage	Pre-Fault	15.3	NA	347	1857
1866 >E	Edic 345kV Voltage	Marcy South N.	5.3	327.8	346.4	2504
1869	limit with 5% margin	SBK Princetown 345	NA	NA	NA	1343
1873	Oakdale 345kV Voltage	SBK Edic R945	5.9	320	347.4	475
1873	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	5.9	320	347.4	475
1877 >E	Marcy 345kV Voltage	Marcy South N.	5.4	327.8	346.0	2506
1878	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1878
1878	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	1860
1878	limit with 5% margin	Volney-Marcy	NA	NA	NA	1849
1878	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1723
1878	limit with 5% margin	SBK Edic R70	NA	NA	NA	1724
1878	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	1853
1878	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	1793
1878	limit with 5% margin	Ravenswood 3	NA	NA	NA	1942
1888	Edic 345kV Voltage	SBK Edic R945	1.3	327.8	344.2	484
1888	Edic 345kV Voltage	Edic-Gordon Rd. 345	1.3	327.8	344.2	484
1889	Marcy 345kV Voltage	SBK Edic R945	1.3	327.8	344.6	484
1889	Marcy 345kV Voltage	Edic-Gordon Rd. 345	1.3	327.8	344.6	484
1895	Millwood 345kV Voltage	Pre-Fault	62.6	NA	348	1895
1897 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	7.2	500	507.9	488
1897 >E	Ramapo 500kV Voltage	SBK Edic R945	7.2	500	507.9	488
1904 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	1.6	327.8	350.4	492
1904 >E	Clay 345kV Voltage	SBK Edic R945	1.6	327.8	350.4	492
1905	Gordon Rd 345kV Voltage	Marcy South S.	7.8	327.8	342.8	2329

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1908 >E	Clay 345kV Voltage	Marcy South N.	7.0	327.8	351.9	2511
1918 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	2.4	327.8	347.6	500
1918 >E	Pannell Road 345kV Voltage	SBK Edic R945	2.4	327.8	347.6	500
1921	Coopers Corners 345kV Voltage	SBK Marcy R3108	6.0	327.8	340.4	1755
1926 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	346.5	505
1926 >E	Station 80 345kV Voltage	SBK Edic R945	2.7	327.8	346.5	505
1928	Buchanan North 345kV Voltage	Pre-Fault	34.7	NA	346	1928
1930 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	3.1	207	231.5	507
1930 >E	Watercure 230kV Voltage	SBK Edic R945	3.1	207	231.5	507
1930 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	350.3	507
1930 >E	Gilboa 345kV Voltage	SBK Edic R945	3.0	327.8	350.3	507
1933	Edic 345kV Voltage	SBK Edic R70	4.0	327.8	338.5	1776
1936	Edic 345kV Voltage	SBK Marcy R3108	4.2	327.8	337.8	1772
1937 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	4.1	327.8	348.0	511
1937 >E	Rock Tavern 345kV Voltage	SBK Edic R945	4.1	327.8	348.0	511
1938	Coopers Corners 345kV Voltage	Pre-Fault	6.2	NA	338	1938
1939	Coopers Corners 345kV Voltage	SBK Edic R70	4.7	327.8	337.9	1782
1942	Fraser 345kV Voltage	Pre-Fault	7.5	NA	338	1942
1948	Rock Tavern 345kV Voltage	Pre-Fault	9.3	NA	348	1948
1950	Pannell Road 345kV Voltage	Pre-Fault	4.9	NA	346	1950
1950	Station 80 345kV Voltage	Pre-Fault	4.9	NA	346	1950
1951	Edic 345kV Voltage	Ph2 DC 1500	2.3	327.8	334.6	2172
1951	Oakdale 345kV Voltage	Pre-Fault	3.1	NA	335	1951
1953	Marcy 345kV Voltage	Ph2 DC 1500	2.3	327.8	334.4	2173
1954	Clay 345kV Voltage	Pre-Fault	4.6	NA	345	1954
1955 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	3.8	327.8	337.1	2174
1956	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	327.8	336.9	1870
1959	Coopers Corners 345kV Voltage	SBK Princetown 345	3.3	327.8	334.5	1413
1960	Gilboa 345kV Voltage	Pre-Fault	9.0	NA	348	1960
1960 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	6.3	218.5	228.6	524
1960	Edic 345kV Voltage	SBK Princetown 345	2.5	327.8	332.1	1414
1960 >E	St.Lawrence 230kV Voltage	SBK Edic R945	6.3	218.5	228.6	524
1962	Marcy 345kV Voltage	SBK Princetown 345	2.5	327.8	332.2	1414
1966 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	3.1	327.8	332.9	2179
1968 >E	Fraser 345kV Voltage	SBK Princetown 345	2.4	327.8	331.9	1414
1969 >E	Fraser 345kV Voltage	Ph2 DC 1500	2.6	327.8	331.1	2180
1969	Coopers Corners 345kV Voltage	Ravenswood 3	2.1	327.8	332.0	2038
1971	Edic 345kV Voltage	Volney-Marcy	1.7	327.8	328.5	1941
1971	Edic 345kV Voltage	Ravenswood 3	1.8	327.8	328.1	2040
1972	Marcy 345kV Voltage	Volney-Marcy	1.7	327.8	328.4	1942

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1972	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	1.8	327.8	327.9	1883
1972	Edic 345kV Voltage	Princetown-N.Scot 345	1.8	327.8	327.8	1946
1972	Edic 345kV Voltage	N.Scot-Leeds 345	1.8	327.8	327.8	1953
1972	Edic 345kV Voltage	Marcy-N.Scot99 345	1.8	327.8	327.8	1972
1972 >E	Oakdale 345kV Voltage	Ph2 DC 1500	2.3	320	328.0	2181
1973	Ramapo 500kV Voltage	Ravenswood 3	3.6	500	505.2	2041
1973	Marcy 345kV Voltage	Ravenswood 3	1.8	327.8	327.8	2041
1973	Marcy 345kV Voltage	Marcy-N.Scot99 345	1.8	327.8	327.8	1973
1973	Marcy 345kV Voltage	N.Scot-Leeds 345	1.8	327.8	327.8	1954
1973	Marcy 345kV Voltage	SBK Marcy R3108	1.8	327.8	327.8	1810
1973	Marcy 345kV Voltage	SBK Edic R70	1.8	327.8	327.8	1812
1973	Marcy 345kV Voltage	Princetown-N.Scot 345	1.8	327.8	327.8	1947
1973	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	1.8	327.8	327.8	1884
1974 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.3	320	329.1	1415
1974	New Scotland 345kV Voltage Alps	Pre-Fault	4.2	NA	348	1974
1974	New Scotland 345kV Voltage Gilb	Pre-Fault	4.2	NA	348	1974
1975	Clay 345kV Voltage	SBK Edic R70	1.6	327.8	339.2	1814
1975	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	1.9	327.8	327.8	1886
1975	Fraser 345kV Voltage	Ravenswood 3	1.9	327.8	327.8	2043
1975	Fraser 345kV Voltage	Volney-Marcy	1.9	327.8	327.8	1945
1975	Fraser 345kV Voltage	Marcy-N.Scot99 345	1.9	327.8	327.8	1975
1975	Fraser 345kV Voltage	N.Scot-Leeds 345	1.9	327.8	327.8	1957
1975	Fraser 345kV Voltage	SBK Marcy R3108	1.9	327.8	327.8	1813
1975	Fraser 345kV Voltage	SBK Edic R70	1.9	327.8	327.8	1814
1975	Fraser 345kV Voltage	Princetown-N.Scot 345	1.9	327.8	327.8	1949
1975	Oakdale 345kV Voltage	SBK Edic R70	1.5	320	325.8	1814
1976	Buchanan South 345kV Voltage	Pre-Fault	6.2	NA	346	1976
1977 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	327.8	328.7	1888
1978 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	2.2	327.8	328.2	1959
1978 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	331.1	1952
1978 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	2.2	327.8	328.1	1952
1978 >E	Pannell Road 345kV Voltage	Marcy South N.	11.1	327.8	349.6	2522
1979 >E	Fraser 345kV Voltage	Marcy South S.	4.2	327.8	333.2	2371
1979 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	2.2	327.8	327.8	1979
1979 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	4.0	327.8	346.3	535
1979 >E	Oakdale 345kV Voltage	SBK Marcy R3108	1.5	320	323.5	1817
1979 >E	Somerset 345kV Voltage	SBK Edic R945	4.0	327.8	346.3	535

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1980 >E	Gordon Rd 345kV Voltage	Ravenswood 3	2.5	327.8	330.2	2047
1980 >E	Coopers Corners 345kV Voltage	Volney-Marcy	2.2	327.8	327.0	1950
1981 >E	Edic 345kV Voltage	Marcy South S.	5.2	327.8	330.8	2372
1981 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	329.8	1962
1982 >E	Ramapo 500kV Voltage	SBK Marcy R3108	3.5	500	502.7	1820
1982 >E	Oakdale 345kV Voltage	Volney-Marcy	1.7	320	321.8	1951
1983 >E	Ramapo 345kV Voltage	Pre-Fault	5.8	NA	346	1983
1983 >E	Oakdale 345kV Voltage	Ravenswood 3	1.6	320	321.6	2049
1983 >E	Ramapo 500kV Voltage	Ph2 DC 1500	17.8	500	506.3	2186
1983 >E	Clay 345kV Voltage	SBK Marcy R3108	1.8	327.8	335.8	1821
1984 >E	Ramapo 500kV Voltage	SBK Edic R70	3.5	500	502.2	1819
1984 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	1.7	320	320.7	1894
1985 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	1.7	320	320.2	1958
1985 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	1.7	320	320.1	1966
1985 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	1.7	320	320.0	1985
1985 >E	Pleasant Valley 345kV Voltage	Pre-Fault	7.5	NA	348	1985
1986 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	2.6	327.8	327.8	1986
1988 >E	Gordon Rd 345kV Voltage	Volney-Marcy	2.6	327.8	327.3	1956
1988 >E	Gordon Rd 345kV Voltage	SBK Edic R70	2.5	327.8	327.2	1822
1990 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	2.5	327.8	326.6	1827
1991 >E	Marcy 345kV Voltage	Marcy South S.	5.3	327.8	329.8	2377
1991 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	3.7	500	500.2	1900
1991 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	3.7	500	500.2	1972
1992 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	3.7	500	500.1	1965
1992 >E	Ladentown 345kV Voltage	Pre-Fault	5.8	NA	346	1992
1992 >E	Ramapo 500kV Voltage	Volney-Marcy	3.7	500	500.0	1960
1992 >E	Ramapo 500kV Voltage	Pre-Fault	3.7	NA	500	1992
1992 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	3.7	500	500.0	1992
1993 >E	Pannell Road 345kV Voltage	SBK Edic R70	2.4	327.8	336.0	1826
1993 >E	St.Lawrence 230kV Voltage	Pre-Fault	7.6	NA	225	1993
1993 >E	Clay 345kV Voltage	SBK Princetown 345	2.6	327.8	338.1	1416
1994 >E	Clay 345kV Voltage	Ph2 DC 1500	3.2	327.8	336.1	2190
1996 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	7.3	327.8	341.2	544
1996 >E	Buchanan North 345kV Voltage	SBK Edic R945	7.4	327.8	341.2	544
1999 >E	Clay 345kV Voltage	Volney-Marcy	2.2	327.8	328.6	1966
1999 >E	Clay 345kV Voltage	Ravenswood 3	2.2	327.8	328.5	2064
2000 >E	Oakdale 345kV Voltage	Marcy South S.	3.9	320	326.6	2381
2000 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	327.8	328.2	1907

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2001 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	2.7	327.8	333.5	1839
2001 >E	Clay 345kV Voltage	Princetown-N.Scot 345	2.2	327.8	327.9	1974
2001 >E	Clay 345kV Voltage	N.Scot-Leeds 345	2.2	327.8	327.9	1981
2001 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	2.3	327.8	327.8	2001
2002 >E	Station 80 345kV Voltage	SBK Edic R70	3.0	327.8	335.5	1832
2006 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	345.8	549
2006 >E	Ramapo 345kV Voltage	SBK Edic R945	6.7	327.8	345.8	549
2008 >E	Bowline 2 345kV Voltage	Pre-Fault	5.6	NA	345	2008
2008 >E	Bowline 1 345kV Voltage	Pre-Fault	6.0	NA	345	2008
2009 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	3.8	327.8	333.9	2196
2011 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.3	327.8	333.3	1849
2012 >E	Station 80 345kV Voltage	Ph2 DC 1500	4.0	327.8	333.5	2197
2012 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	3.5	327.8	335.4	1850
2015 >E	Roseton 345kV Voltage	Pre-Fault	7.0	NA	345	2015
2016 >E	Gilboa 345kV Voltage	Marcy South S.	6.1	327.8	345.7	2388
2017 >E	Pannell Road 345kV Voltage	Ravenswood 3	3.1	327.8	328.5	2078
2017 >E	Pannell Road 345kV Voltage	Volney-Marcy	3.2	327.8	328.4	1982
2018 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	3.2	327.8	328.2	1922
2018 >E	Watercure 230kV Voltage	Marcy South N.	14.5	207	231.2	2529
2018 >E	Rock Tavern 345kV Voltage	SBK Edic R70	3.6	327.8	333.9	1843
2019 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	3.2	327.8	327.9	1991
2019 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	3.2	327.8	327.9	1998
2019 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	3.2	327.8	327.8	2019
2021 >E	Dunwoodie 345kV Voltage	Ravenswood 3	5.9	327.8	335.5	2081
2021 >E	Sprain Brook 345kV Voltage	Ravenswood 3	5.9	327.8	335.5	2082
2022 >E	Rock Tavern 345kV Voltage	Ravenswood 3	3.8	327.8	333.0	2082
2023 >E	Pannell Road 345kV Voltage	SBK Princetown 345	4.4	327.8	337.8	1419
2024 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	8.0	218.5	222.1	2202
2026 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	7.0	327.8	345.9	561
2026 >E	Ladentown 345kV Voltage	SBK Edic R945	7.0	327.8	345.9	561
2027 >E	Buchanan North 345kV Voltage	Ravenswood 3	5.5	327.8	334.7	2087
2030 >E	Station 80 345kV Voltage	Ravenswood 3	3.9	327.8	328.6	2089
2031 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	6.8	218.5	220.0	1870
2031 >E	Station 80 345kV Voltage	Volney-Marcy	4.0	327.8	328.2	1995
2031 >E	Station 80 345kV Voltage	Marcy South N.	13.5	327.8	349.1	2531
2031 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	328.2	1933
2032 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	4.0	327.8	327.9	2004
2033 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	327.9	2011
2033 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	327.8	2033

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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2033 >E	St.Lawrence 230kV Voltage	Volney-Marcy	6.9	218.5	219.7	1996
2034 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	9.0	327.8	336.0	566
2035 >E	Sprain Brook 345kV Voltage	SBK Edic R945	9.0	327.8	336.0	565
2035 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	9.0	327.8	335.7	566
2035 >E	Dunwoodie 345kV Voltage	SBK Edic R945	9.0	327.8	335.7	566
2036 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	6.9	327.8	347.0	567
2036 >E	Bowline 1 345kV Voltage	SBK Edic R945	6.9	327.8	347.0	566
2037 >E	St.Lawrence 230kV Voltage	SBK Edic R70	7.4	218.5	219.3	1856
2037 >E	Millwood 345kV Voltage	Ravenswood 3	5.7	327.8	335.2	2095
2038 >E	St.Lawrence 230kV Voltage	Ravenswood 3	7.4	218.5	219.1	2096
2039 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	8.0	327.8	341.2	568
2039 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	6.9	327.8	347.3	568
2039 >E	Buchanan South 345kV Voltage	SBK Edic R945	8.0	327.8	341.2	568
2040 >E	Bowline 2 345kV Voltage	SBK Edic R945	6.9	327.8	347.3	568
2040 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	329.1	2018
2040 >E	Station 80 345kV Voltage	SBK Princetown 345	5.3	327.8	337.5	1420
2040 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	3.7	327.8	332.5	2018
2040 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	3.7	327.8	332.5	2018
2041 >E	Ramapo 500kV Voltage	SBK Princetown 345	14.9	500	503.5	1420
2041 >E	Gilboa 345kV Voltage	Ravenswood 3	3.9	327.8	328.8	2098
2041 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	328.2	2019
2041 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	328.2	1942
2042 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.9	2013
2042 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	7.6	218.5	218.5	2042
2043 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	7.7	218.5	218.5	2021
2043 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	7.7	218.5	218.5	2014
2043 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	327.8	2043
2043 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	7.7	218.5	218.4	1943
2044 >E	Buchanan South 345kV Voltage	Ravenswood 3	5.6	327.8	335.1	2101
2045 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	327.8	2045
2045 >E	Rock Tavern 345kV Voltage	Volney-Marcy	4.1	327.8	327.3	2007
2045 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	4.0	327.8	327.8	2016
2045 >E	Gilboa 345kV Voltage	SBK Edic R70	4.0	327.8	327.8	1861
2045 >E	Gilboa 345kV Voltage	Volney-Marcy	4.0	327.8	327.7	2007
2045 >E	Gilboa 345kV Voltage	SBK Marcy R3108	4.0	327.8	327.7	1884
2046 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	4.0	327.8	327.6	1945
2046 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	5.5	327.8	331.6	1884
2046 >E	Leeds 345kV Voltage	Pre-Fault	7.3	NA	345	2046

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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2049 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	8.7	327.8	338.7	574
2049 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	342.8	574
2049 >E	Millwood 345kV Voltage	SBK Edic R945	8.7	327.8	338.7	574
2049 >E	Niagara 345kV Voltage	SBK Edic R945	5.5	327.8	342.8	574
2051 >E	Buchanan North 345kV Voltage	SBK Edic R70	5.6	327.8	330.8	1865
2052 >E	Ramapo 345kV Voltage	Ravenswood 3	5.3	327.8	334.0	2108
2052 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	4.1	327.8	329.7	2108
2052 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	4.1	327.8	329.7	2108
2052 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	9.3	218.5	222.8	1421
2056 >E	New Scotland 345kV Voltage Alps	Marcy South N.	12.5	327.8	349.4	2535
2056 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	12.5	327.8	349.4	2535
2057 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	6.2	327.8	330.0	1897
2058 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	6.3	327.8	329.9	1897
2058 >E	Ramapo 345kV Voltage	SBK Marcy R3108	5.1	327.8	333.0	1897
2058 >E	Ladentown 345kV Voltage	Ravenswood 3	5.3	327.8	334.6	2113
2059 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	4.1	327.8	328.1	1871
2059 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	4.1	327.8	328.1	1871
2059 >E	Gilboa 345kV Voltage	Ph2 DC 1500	5.8	327.8	335.0	2217
2060 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	4.2	327.8	327.8	2060
2060 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	4.2	327.8	327.8	2060
2061 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	4.2	327.8	327.6	2021
2061 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	4.2	327.8	327.6	2021
2061 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	4.2	327.8	327.6	1900
2061 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	4.2	327.8	327.6	1900
2061 >E	Sprain Brook 345kV Voltage	SBK Edic R70	6.3	327.8	329.4	1873
2061 >E	Dunwoodie 345kV Voltage	SBK Edic R70	6.4	327.8	329.3	1873
2062 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	4.3	327.8	327.2	2032
2062 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	4.3	327.8	327.2	2032
2063 >E	Clay 345kV Voltage	Marcy South S.	6.9	327.8	333.5	2411
2064 >E	Somerset 345kV Voltage	Ph2 DC 1500	5.0	327.8	333.5	2218
2064 >E	Ramapo 345kV Voltage	SBK Edic R70	5.2	327.8	331.9	1875
2065 >E	New Scotland 345kV Voltage Alps	Marcy South S.	8.9	327.8	346.0	2411
2065 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	8.9	327.8	346.0	2411
2065 >E	Bowline 2 345kV Voltage	Ravenswood 3	5.1	327.8	334.7	2118
2065 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	6.2	327.8	335.4	2219
2066 >E	Millwood 345kV Voltage	SBK Marcy R3108	5.9	327.8	330.6	1906
2067 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	328.2	2044
2067 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	5.7	327.8	331.3	1907
2068 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	327.9	1964
2069 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	327.8	2038

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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2069 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	6.1	327.8	327.8	2069
2069 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	4.5	327.8	325.6	1965
2069 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	4.5	327.8	325.6	1965
2069 >E	Bowline 1 345kV Voltage	Ravenswood 3	5.4	327.8	334.8	2122
2069 >E	Ladentown 345kV Voltage	SBK Marcy R3108	5.2	327.8	332.7	1909
2070 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	6.6	327.8	328.1	2046
2070 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	6.6	327.8	328.1	2046
2071 >E	Buchanan North 345kV Voltage	Volney-Marcy	6.1	327.8	327.5	2030
2071 >E	Millwood 345kV Voltage	SBK Edic R70	6.0	327.8	329.8	1879
2071 >E	Somerset 345kV Voltage	Pre-Fault	7.5	NA	338	2071
2072 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	6.7	327.8	327.8	2072
2072 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	6.7	327.8	327.8	2041
2072 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	6.6	327.8	327.8	2072
2072 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	6.7	327.8	327.8	2042
2072 >E	Buchanan South 345kV Voltage	SBK Edic R70	5.8	327.8	330.4	1880
2073 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	6.7	327.8	327.7	1968
2073 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	6.7	327.8	327.7	1968
2073 >E	Dunwoodie 345kV Voltage	Volney-Marcy	6.7	327.8	327.5	2032
2074 >E	Sprain Brook 345kV Voltage	Volney-Marcy	6.7	327.8	327.5	2033
2074 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	6.5	327.8	336.5	2223
2074 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	6.5	327.8	336.5	2223
2075 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	5.0	327.8	332.9	1915
2076 >E	Ladentown 345kV Voltage	SBK Edic R70	5.3	327.8	331.7	1882
2080 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	5.3	327.8	333.0	1920
2081 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	6.3	327.8	328.2	2057
2081 >E	Bowline 2 345kV Voltage	SBK Edic R70	5.1	327.8	331.8	1886
2084 >E	Somerset 345kV Voltage	SBK Edic R70	5.5	327.8	336.4	1888
2084 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	6.4	327.8	327.8	2084
2084 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.8	2053
2085 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	327.7	1978
2086 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	328.2	2061
2086 >E	Millwood 345kV Voltage	Volney-Marcy	6.4	327.8	327.5	2044
2086 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	328.2	2062
2087 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	5.8	327.8	328.0	1980
2087 >E	Bowline 1 345kV Voltage	SBK Edic R70	5.4	327.8	331.9	1890

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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2088 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	5.8	327.8	327.9	2056
2088 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	5.8	327.8	327.8	2088
2089 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	327.8	2089
2089 >E	Buchanan South 345kV Voltage	Princeton-N.Scot 345	6.2	327.8	327.8	2057
2089 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	6.2	327.8	327.8	1982
2089 >E	Rock Tavern 345kV Voltage	SBK Princeton 345	7.7	327.8	335.6	1424
2090 >E	Ramapo 345kV Voltage	Volney-Marcy	5.8	327.8	327.5	2047
2091 >E	Buchanan South 345kV Voltage	Volney-Marcy	6.2	327.8	327.5	2048
2091 >E	Gilboa 345kV Voltage	SBK Princeton 345	6.4	327.8	335.1	1424
2096 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	5.8	327.8	328.2	2071
2097 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	5.8	327.8	327.9	1989
2098 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	5.8	327.8	327.8	2066
2098 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	14.3	218.5	228.2	601
2098 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	14.3	218.5	228.2	601
2098 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	5.8	327.8	327.8	2098
2098 >E	Niagara 230kV East Voltage	SBK Edic R945	14.3	218.5	228.2	601
2098 >E	Niagara 230kV West Voltage	SBK Edic R945	14.3	218.5	228.2	601
2100 >E	Ladentown 345kV Voltage	Volney-Marcy	5.9	327.8	327.5	2056
2100 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	9.0	327.8	345.5	602
2100 >E	Somerset 345kV Voltage	SBK Marcy R3108	6.1	327.8	334.2	1940
2100 >E	Roseton 345kV Voltage	SBK Edic R945	9.1	327.8	345.4	602
2101 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	328.2	2076
2103 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	5.6	327.8	327.9	1993
2103 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	5.6	327.8	327.8	2071
2104 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	5.6	327.8	327.8	2104
2104 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	7.0	327.8	332.1	2151
2105 >E	Roseton 345kV Voltage	Ravenswood 3	6.6	327.8	332.2	2152
2105 >E	Bowline 2 345kV Voltage	Volney-Marcy	5.6	327.8	327.5	2061
2107 >E	Roseton 345kV Voltage	SBK Marcy R3108	6.3	327.8	331.9	1946
2109 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	5.9	327.8	328.3	2083
2111 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	6.0	327.8	327.9	2000
2111 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	6.0	327.8	327.8	2079
2111 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	6.0	327.8	327.8	2111
2113 >E	Roseton 345kV Voltage	SBK Edic R70	6.5	327.8	331.0	1908
2113 >E	Bowline 1 345kV Voltage	Volney-Marcy	6.0	327.8	327.5	2068
2123 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	7.1	327.8	329.6	1964
2124 >E	Niagara 345kV Voltage	Ph2 DC 1500	6.2	327.8	333.0	2243

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2125 >E	Pannell Road 345kV Voltage	Marcy South S.	10.4	327.8	333.7	2439
2128 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	7.2	327.8	329.0	1918
2128 >E	Fraser 345kV Voltage	Marcy South N.	13.2	327.8	327.8	2547
2130 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	7.3	327.8	328.7	2103
2132 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	6.9	327.8	328.3	2105
2132 >E	Station 80 345kV Voltage	Marcy South S.	10.6	327.8	332.8	2443
2136 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	327.8	2136
2136 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	7.0	327.8	327.8	2102
2136 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	7.0	327.8	327.8	2021
2137 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	327.8	2137
2138 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	7.5	327.8	327.7	2104
2138 >E	Roseton 345kV Voltage	Volney-Marcy	7.1	327.8	327.5	2090
2139 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	7.5	327.8	327.5	2091
2139 >E	Somerset 345kV Voltage	Ravenswood 3	7.3	327.8	328.9	2181
2140 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	7.6	327.8	327.3	2024
2142 >E	Niagara 230kV East Voltage	Pre-Fault	22.2	NA	225	2142
2142 >E	Niagara 230kV West Voltage	Pre-Fault	22.2	NA	225	2142
2145 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	7.4	327.8	328.2	2029
2146 >E	Somerset 345kV Voltage	Volney-Marcy	7.5	327.8	328.0	2097
2147 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	7.5	327.8	327.9	2113
2147 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	7.5	327.8	327.9	2120
2148 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	327.8	2148
2154 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	10.9	207	228.5	633
2154 >E	Gardenville 230kV Voltage	SBK Edic R945	10.9	207	228.5	632
2161 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	9.3	327.8	317.3	637
2162 >E	Gordon Rd 345kV Voltage	SBK Edic R945	9.3	327.8	317.2	637
2171 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	7.3	327.8	327.8	2050
2171 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	7.3	327.8	327.8	2171
2171 >E	Leeds 345kV Voltage	Volney-Marcy	7.3	327.8	327.8	2119
2171 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	7.3	327.8	327.8	2136
2171 >E	Leeds 345kV Voltage	SBK Marcy R3108	7.3	327.8	327.8	2012
2171 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	7.3	327.8	327.8	2142
2171 >E	Leeds 345kV Voltage	SBK Edic R70	7.3	327.8	327.8	1948
2171 >E	Leeds 345kV Voltage	Ravenswood 3	7.3	327.8	327.8	2207
2177 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	14.1	327.8	335.0	2265
2178 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	9.4	327.8	335.4	646
2178 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	9.4	327.8	335.4	646

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2178 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	9.4	327.8	335.4	646
2178 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	9.4	327.8	335.4	646
2187 >E	Somerset 345kV Voltage	SBK Princetown 345	9.8	327.8	341.1	1431
2188 >E	Niagara 230kV East Voltage	SBK Edic R70	16.4	218.5	223.0	1959
2188 >E	Niagara 230kV West Voltage	SBK Edic R70	16.4	218.5	223.0	1959
2192 >E	Ramapo 345kV Voltage	Ph2 DC 1500	12.0	327.8	336.8	2271
2196 >E	Watercure 230kV Voltage	SBK Princetown 345	10.2	207	227.5	1432
2205 >E	St.Lawrence 230kV Voltage	Marcy South S.	21.8	218.5	219.6	2477
2212 >E	Niagara 230kV East Voltage	SBK Marcy R3108	18.0	218.5	221.9	2053
2212 >E	Niagara 230kV West Voltage	SBK Marcy R3108	18.0	218.5	221.9	2053
2212 >E	Niagara 230kV East Voltage	Ph2 DC 1500	18.1	218.5	223.2	2279
2212 >E	Niagara 230kV West Voltage	Ph2 DC 1500	18.1	218.5	223.2	2279
2217 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	12.9	327.8	337.9	668
2218 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	13.0	327.8	337.9	668
2230 >E	Ladentown 345kV Voltage	Ph2 DC 1500	12.9	327.8	337.2	2286
2237 >E	St.Lawrence 230kV Voltage	Marcy South N.	30.8	218.5	227.6	2565
2238 >E	Buchanan North 345kV Voltage	SBK Princetown 345	16.8	327.8	333.4	1435
2250 >E	Ramapo 345kV Voltage	SBK Princetown 345	14.3	327.8	335.3	1436
2251 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	12.9	327.8	337.8	2294
2251 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	15.4	327.8	335.1	2295
2256 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	12.8	327.8	337.9	2297
2263 >E	Roseton 345kV Voltage	Ph2 DC 1500	12.9	327.8	335.0	2300
2270 >E	Millwood 345kV Voltage	Ph2 DC 1500	17.1	327.8	334.0	2302
2272 >E	Rainey 345kV Voltage	Ravenswood 3	15.3	327.8	340.6	2292
2275 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	19.9	327.8	332.8	2304
2275 >E	Niagara 230kV East Voltage	Ravenswood 3	21.8	218.5	219.0	2295
2275 >E	Niagara 230kV West Voltage	Ravenswood 3	21.8	218.5	219.0	2295
2275 >E	Watercure 230kV Voltage	SBK Edic R70	13.3	207	222.2	2019
2276 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	20.0	327.8	332.7	2305
2280 >E	Ramapo 500kV Voltage	Marcy South S.	46.5	500	500.8	2512
2283 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	22.0	218.5	218.7	2144
2283 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	22.0	218.5	218.7	2144
2285 >E	Niagara 230kV East Voltage	Volney-Marcy	22.1	218.5	218.6	2221
2285 >E	Niagara 230kV West Voltage	Volney-Marcy	22.1	218.5	218.6	2221
2286 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	22.2	218.5	218.5	2245
2286 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	22.2	218.5	218.5	2245
2286 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	22.2	218.5	218.5	2252
2286 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	22.2	218.5	218.5	2252
2287 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	22.2	218.5	218.5	2287

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2287 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	22.2	218.5	218.5	2287
2290 >E	Farragut 345kV Voltage	Ravenswood 3	16.1	327.8	339.9	2307
2293 >E	Niagara 345kV Voltage	SBK Edic R70	11.7	327.8	338.7	2031
2295 >E	Leeds 345kV Voltage	Marcy South S.	14.2	327.8	347.9	2519
2305 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	11.3	327.8	321.7	1441
2305 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	11.3	327.8	321.7	1441
2305 >E	Niagara 345kV Voltage	Pre-Fault	17.4	NA	338	2305
2308 >E	Ladentown 345kV Voltage	SBK Princetown 345	15.8	327.8	335.7	1441
2321 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	15.9	327.8	332.8	2323
2332 >E	Rainey 345kV Voltage	Pre-Fault	22.7	NA	338	2332
2334 >E	Farragut 345kV Voltage	Pre-Fault	23.6	NA	338	2334
2337 >E	Niagara 345kV Voltage	SBK Marcy R3108	13.2	327.8	336.1	2181
2339 >E	Buchanan South 345kV Voltage	SBK Princetown 345	19.0	327.8	333.7	1443
2341 >E	Bowline 1 345kV Voltage	SBK Princetown 345	16.1	327.8	336.4	1444
2341 >E	Gilboa 345kV Voltage	Marcy South N.	19.8	327.8	336.4	2582
2347 >E	Bowline 2 345kV Voltage	SBK Princetown 345	16.1	327.8	336.5	1444
2354 >E	Roseton 345kV Voltage	SBK Princetown 345	16.2	327.8	334.8	1445
2365 >E	Watercure 230kV Voltage	SBK Marcy R3108	16.6	207	219.3	2209
2365 >E	Millwood 345kV Voltage	SBK Princetown 345	21.4	327.8	332.6	1445
2377 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	25.5	327.8	331.8	1446
2382 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	25.9	327.8	331.7	1447
2383 >E	Ramapo 500kV Voltage	Marcy South N.	73.1	500	503.9	2589
2396 >E	Leeds 345kV Voltage	Ph2 DC 1500	15.4	327.8	327.8	2354
2419 >E	Somerset 345kV Voltage	Marcy South N.	25.4	327.8	351.9	2595
2436 >E	Goethals 345kV Voltage	Ravenswood 3	21.9	327.8	338.5	2430
2451 >E	Goethals 345kV Voltage	Pre-Fault	31.6	NA	338	2451
2460 >E	Niagara 345kV Voltage	Ravenswood 3	16.9	327.8	329.1	2450
2463 >E	Somerset 345kV Voltage	Marcy South S.	21.1	327.8	334.5	2598
2472 >E	Leeds 345kV Voltage	SBK Princetown 345	17.4	327.8	332.5	1454
2474 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	17.1	327.8	328.3	2304
2479 >E	Niagara 345kV Voltage	Volney-Marcy	17.3	327.8	328.0	2393
2479 >E	Niagara 230kV East Voltage	SBK Princetown 345	36.8	218.5	226.7	1454
2479 >E	Niagara 230kV West Voltage	SBK Princetown 345	36.8	218.5	226.7	1454
2480 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	17.3	327.8	327.9	2430
2481 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	17.3	327.8	327.9	2437
2481 >E	Watercure 230kV Voltage	Ph2 DC 1500	23.7	207	235.0	2388
2482 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	17.4	327.8	327.8	2482
2494 >E	Watercure 230kV Voltage	Pre-Fault	30.3	NA	215	2494
2497 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	22.1	327.8	331.6	1456
2510 >E	Niagara 345kV Voltage	SBK Princetown 345	18.8	327.8	344.1	1457

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2527 >E	Rainey 345kV Voltage	SBK Marcy R3108	21.6	327.8	329.4	2374
2535 >E	Rainey 345kV Voltage	SBK Edic R70	21.8	327.8	329.0	2197
2539 >E	Farragut 345kV Voltage	SBK Marcy R3108	22.5	327.8	329.3	2387
2547 >E	Farragut 345kV Voltage	SBK Edic R70	22.7	327.8	329.0	2205
2554 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	22.4	327.8	328.2	2506
2563 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	22.7	327.8	327.8	2563
2564 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	22.7	327.8	327.8	2509
2565 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	23.3	327.8	328.2	2517
2566 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	22.8	327.8	327.7	2381
2568 >E	Rainey 345kV Voltage	Volney-Marcy	22.8	327.8	327.6	2472
2569 >E	Watercure 230kV Voltage	Ravenswood 3	24.4	207	212.5	2541
2575 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	23.6	327.8	327.8	2575
2575 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	23.6	327.8	327.8	2520
2578 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	23.7	327.8	327.7	2391
2579 >E	Farragut 345kV Voltage	Volney-Marcy	23.7	327.8	327.6	2482
2605 >E	Gardenville 230kV Voltage	SBK Edic R70	25.2	207	220.1	2245
2624 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	23.6	327.8	327.8	897
2624 >E	Leeds 345kV Voltage	SBK Edic R945	23.6	327.8	327.8	895
2627 >E	Gardenville 230kV Voltage	SBK Princetown 345	25.9	207	222.1	1466
2630 >E	Watercure 230kV Voltage	Volney-Marcy	26.8	207	210.5	2527
2642 >E	Pleasant Valley 345kV Voltage	Marcy South S.	33.3	327.8	339.6	2682
2664 >E	Coopers Corners 345kV Voltage	Marcy South N.	26.7	327.8	295.4	2635
2666 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	27.8	207	209.3	2465
2708 >E	Leeds 345kV Voltage	Marcy South N.	28.9	327.8	343.0	2642
2715 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	29.5	207	207.7	2653
2716 >E	Gardenville 230kV Voltage	SBK Marcy R3108	29.3	207	217.8	2567
2717 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	31.4	327.8	340.5	949
2718 >E	Rainey 345kV Voltage	SBK Edic R945	31.4	327.8	340.5	947
2727 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	30.0	207	207.3	2670
2736 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	32.7	327.8	340.4	959
2736 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	30.3	207	207.0	2736
2737 >E	Farragut 345kV Voltage	SBK Edic R945	32.8	327.8	340.4	958
2750 >E	Goethals 345kV Voltage	SBK Marcy R3108	31.1	327.8	328.5	2602
2752 >E	Goethals 345kV Voltage	SBK Edic R70	31.0	327.8	328.5	2346
2754 >E	Gardenville 230kV Voltage	Pre-Fault	47.9	NA	217	2754
2762 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	31.2	327.8	328.2	2703
2773 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	31.6	327.8	327.8	2773
2774 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	31.6	327.8	327.8	2709

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2777 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	31.7	327.8	327.7	2558
2779 >E	Goethals 345kV Voltage	Volney-Marcy	31.8	327.8	327.6	2660
2826 >E	Watercure 230kV Voltage	Marcy South S.	35.8	207	230.7	2768
3001 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	43.4	327.8	340.3	1108
3002 >E	Goethals 345kV Voltage	SBK Edic R945	43.5	327.8	340.3	1106
3069 >E	Gardenville 230kV Voltage	Ph2 DC 1500	42.5	207	224.1	2627
3128 >E	Gardenville 230kV Voltage	Ravenswood 3	44.2	207	209.2	3010
3173 >E	Pleasant Valley 345kV Voltage	Marcy South N.	53.2	327.8	334.8	2718
3180 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	46.1	207	208.1	2896
3192 >E	Gardenville 230kV Voltage	Volney-Marcy	46.5	207	207.9	3027
3217 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	47.4	207	207.3	3131
3220 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	47.5	207	207.3	3138
3232 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	47.9	207	207.0	3232
3268 >E	Roseton 345kV Voltage	Marcy South S.	49.8	327.8	329.5	2975
3289 >E	Millwood 345kV Voltage	Marcy South S.	66.2	327.8	327.9	2985
3362 >E	Niagara 345kV Voltage	Marcy South S.	47.6	327.8	335.8	3019
3381 >E	Dunwoodie 345kV Voltage	Marcy South S.	81.5	327.8	327.7	3027
3388 >E	Sprain Brook 345kV Voltage	Marcy South S.	81.2	327.8	327.5	3031
3398 >E	Niagara 345kV Voltage	Marcy South N.	53.1	327.8	354.8	2755
3541 >E	Buchanan South 345kV Voltage	Marcy South S.	70.5	327.8	323.7	3103
3556 >E	Buchanan North 345kV Voltage	Marcy South S.	75.5	327.8	318.9	3110
3610 >E	Rainey 345kV Voltage	Ph2 DC 1500	62.9	327.8	336.4	2847
3627 >E	Niagara 230kV East Voltage	Marcy South N.	122.0	218.5	232.6	2792
3627 >E	Niagara 230kV West Voltage	Marcy South N.	122.0	218.5	232.6	2792
3633 >E	Farragut 345kV Voltage	Ph2 DC 1500	65.1	327.8	336.3	2856
3644 >E	Rock Tavern 345kV Voltage	Marcy South N.	61.6	327.8	310.2	2795
3656 >E	Gardenville 230kV Voltage	Marcy South N.	75.6	207	236.7	2797
3752 >E	Niagara 230kV East Voltage	Marcy South S.	120.4	218.5	223.1	3201
3752 >E	Niagara 230kV West Voltage	Marcy South S.	120.4	218.5	223.1	3201
3807 >E	Roseton 345kV Voltage	Marcy South N.	68.8	327.8	327.1	2822
3878 >E	Buchanan North 345kV Voltage	Marcy South N.	93.9	327.8	326.2	2834
3906 >E	Millwood 345kV Voltage	Marcy South N.	92.5	327.8	327.7	2838
3911 >E	Rainey 345kV Voltage	SBK Princetown 345	73.7	327.8	334.3	1567
3952 >E	Farragut 345kV Voltage	SBK Princetown 345	76.8	327.8	334.2	1570
4028 >E	Sprain Brook 345kV Voltage	Marcy South N.	111.2	327.8	326.4	2858
4030 >E	Dunwoodie 345kV Voltage	Marcy South N.	112.0	327.8	326.4	2859
4103 >E	Buchanan South 345kV Voltage	Marcy South N.	94.3	327.8	327.4	2870
4145 >E	Ramapo 345kV Voltage	Marcy South S.	82.6	327.8	309.7	3386
4150 >E	Goethals 345kV Voltage	Ph2 DC 1500	86.0	327.8	336.6	3066

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4271 >E	Ladentown 345kV Voltage	Marcy South S.	85.4	327.8	310.3	3445
4278 >E	Gardenville 230kV Voltage	Marcy South S.	90.8	207	220.3	3448
4315 >E	Ramapo 345kV Voltage	Marcy South N.	93.8	327.8	324.2	2905
4359 >E	Rock Tavern 345kV Voltage	Marcy South S.	78.7	327.8	276.5	3486
4607 >E	Goethals 345kV Voltage	SBK Princetown 345	103.2	327.8	334.4	1622
4642 >E	Ladentown 345kV Voltage	Marcy South N.	102.2	327.8	325.8	2959
4653 >E	Bowline 1 345kV Voltage	Marcy South S.	94.2	327.8	305.0	3623
4678 >E	Bowline 2 345kV Voltage	Marcy South S.	93.7	327.8	305.0	3635
5084 >E	Bowline 1 345kV Voltage	Marcy South N.	112.3	327.8	326.1	3031
5119 >E	Bowline 2 345kV Voltage	Marcy South N.	111.9	327.8	326.1	3037
5498 >E	Coopers Corners 345kV Voltage	Marcy South S.	89.0	327.8	31.6	4019
8399 >E	Northport 138kV Voltage	Ph2 DC 1500	507.9	131.1	134.1	4792
8619 >E	Rainey 345kV Voltage	Marcy South S.	248.0	327.8	329.6	5481
8684 >E	Farragut 345kV Voltage	Marcy South S.	255.5	327.8	329.7	5511
10773 >E	Northport 138kV Voltage	SBK Princetown 345	693.3	131.1	134.1	2106
10810 >E	Goethals 345kV Voltage	Marcy South S.	341.2	327.8	330.5	6507
11767 >E	Rainey 345kV Voltage	Marcy South N.	361.3	327.8	327.4	4126
11909 >E	Farragut 345kV Voltage	Marcy South N.	374.1	327.8	327.5	4149
15322 >E	Goethals 345kV Voltage	Marcy South N.	511.1	327.8	327.8	4708
35815 >E	Northport 138kV Voltage	Marcy South S.	2656.7	131.1	130.4	18218
36899 >E	Northport 138kV Voltage	Marcy South N.	2750.1	131.1	130.1	8243
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

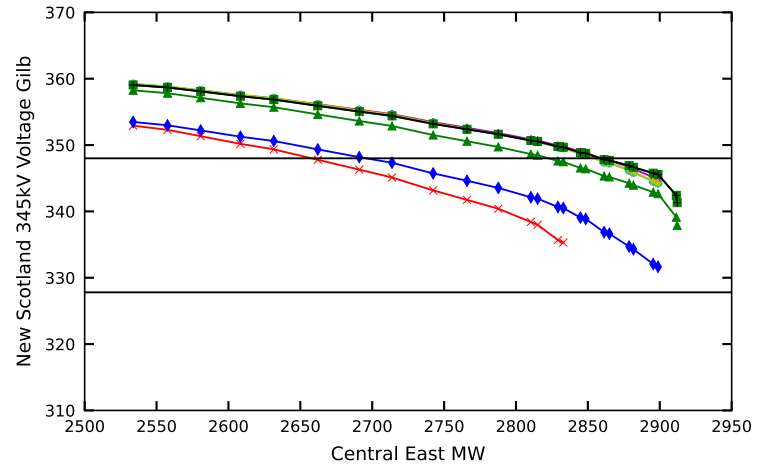
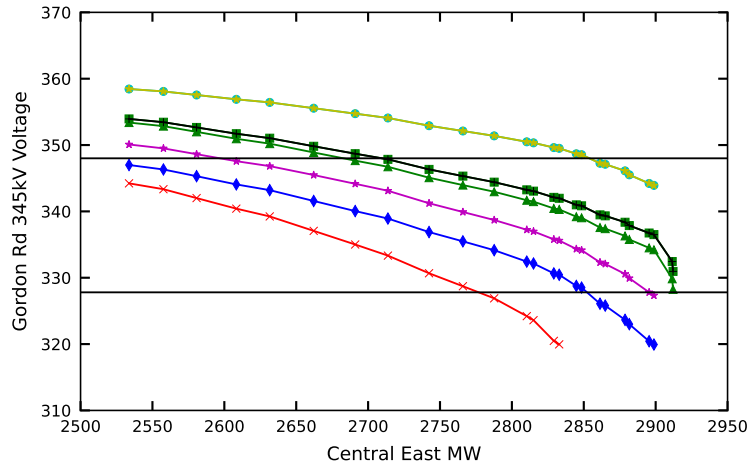
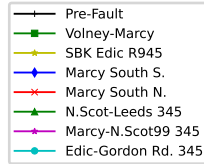
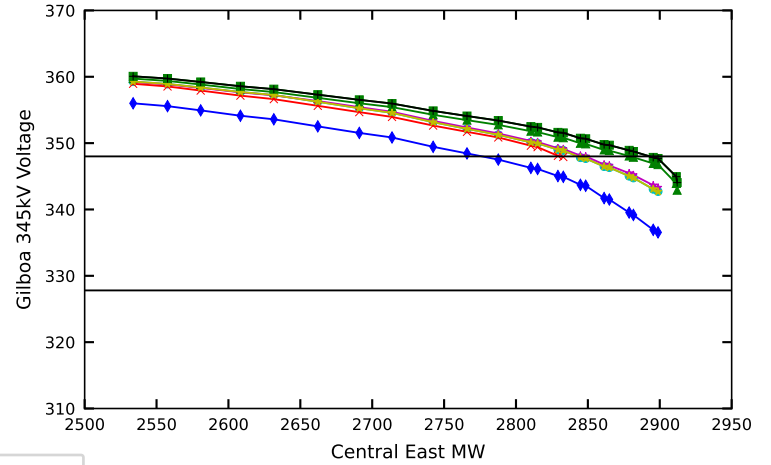
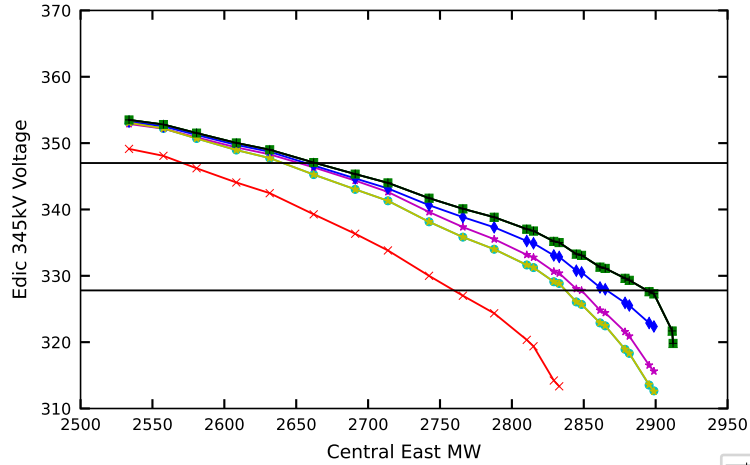
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1: 2023S CEVC PH2 CE1740 MS2270 DE1300 40 18_OS

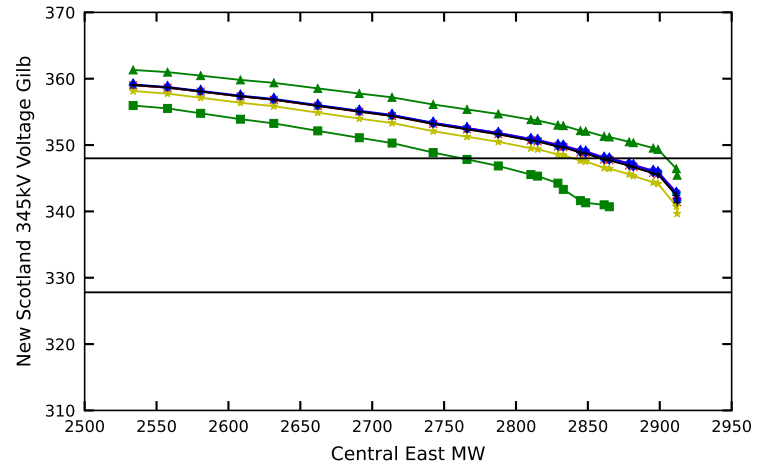
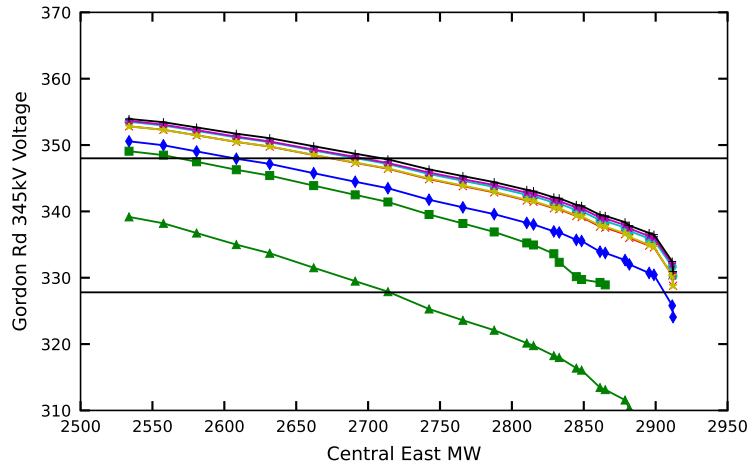
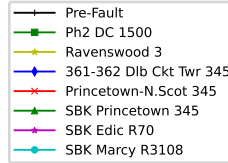
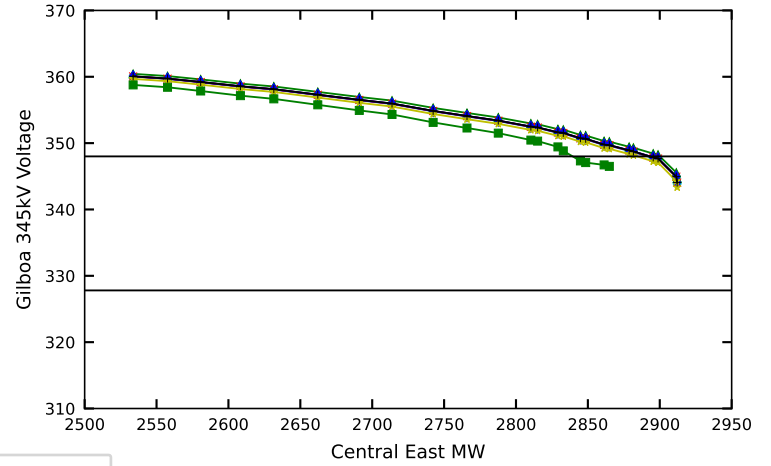
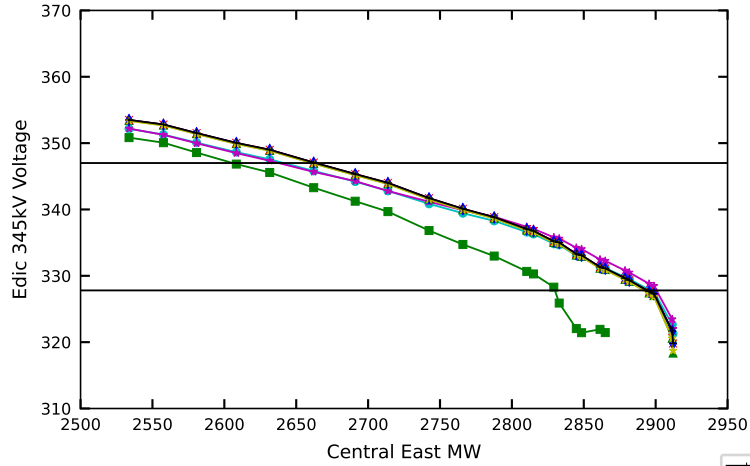
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				<-Post->	<-Pre->	
>E						
99998	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

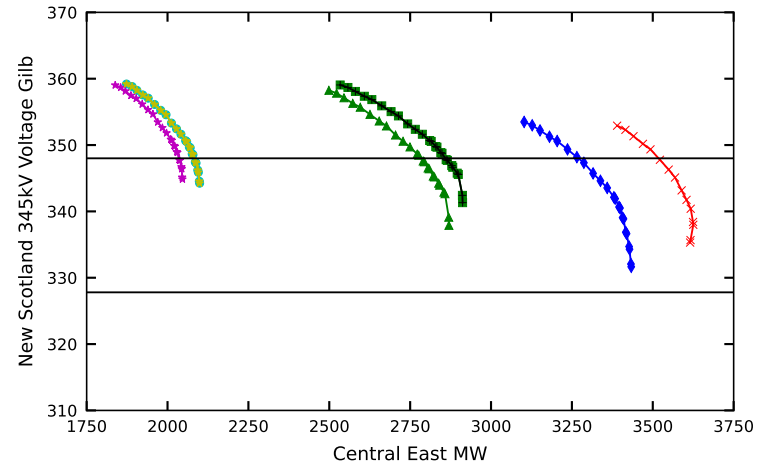
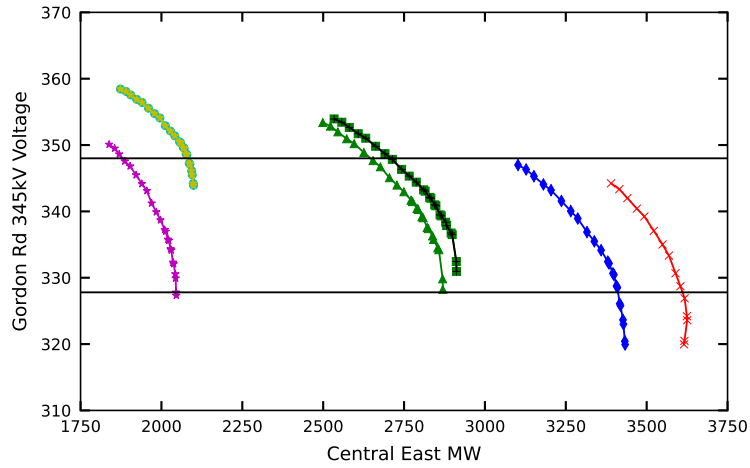
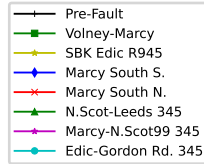
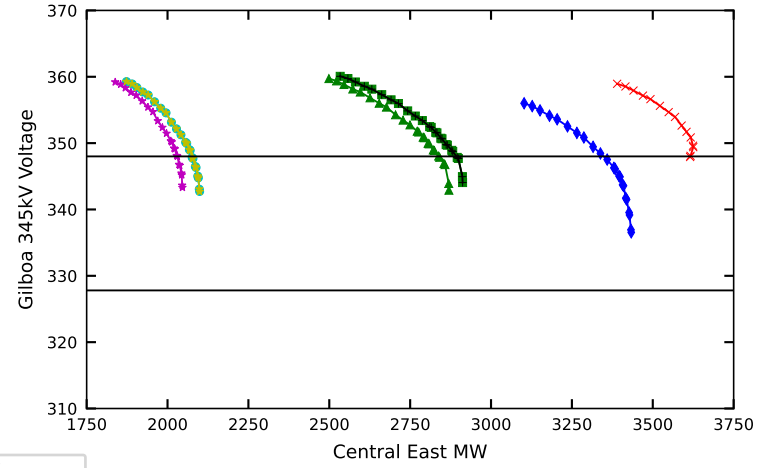
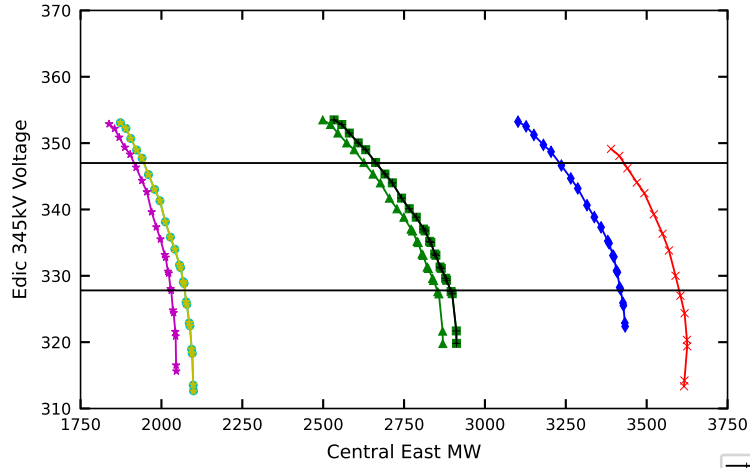
1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS Figure 1



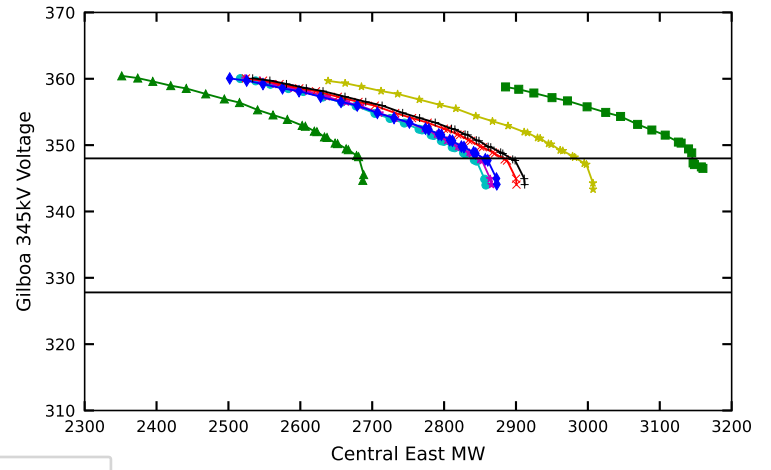
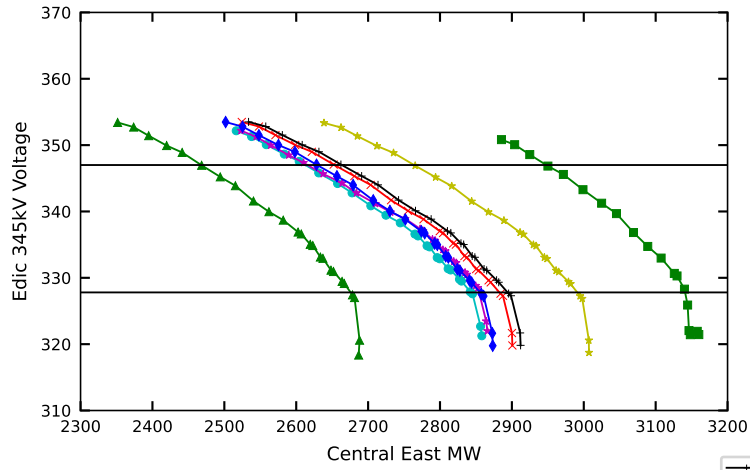
1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_05 Figure 2



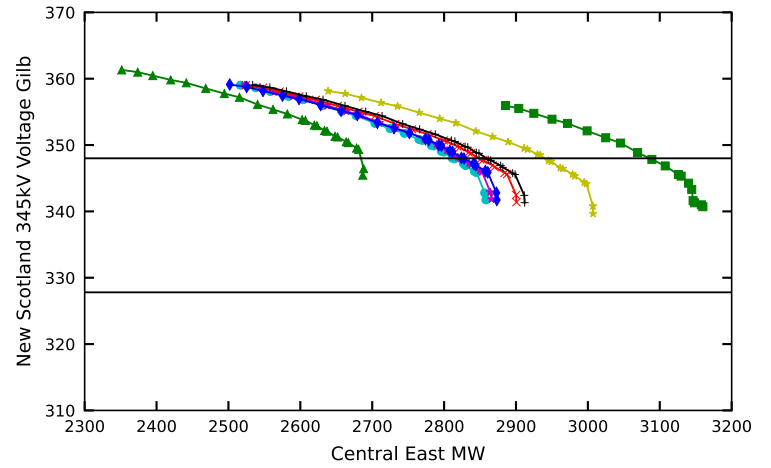
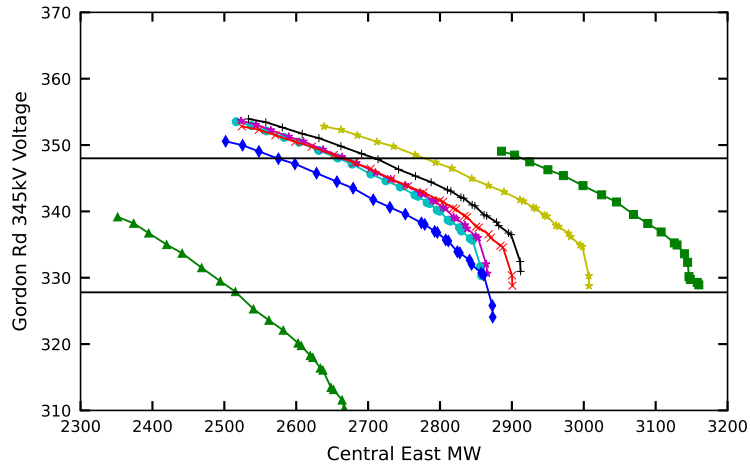
1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS Figure 1



1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_05 Figure 2



- Pre-Fault
- Ph2 DC 1500
- Ravenswood 3
- 361-362 Dlb Ckt Twr 345
- Princetown-N.Scot 345
- SBK Princetown 345
- SBK Edic R70
- SBK Marcy R3108



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS

Interface: Central East

Transfer		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2533	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2557	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2580	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2608	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2631	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2662	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2691	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2713	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2742	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2765	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2787	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2810	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2815	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2829	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2832	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
2844	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2848	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2861	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2864	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2878	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	0															
2881	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	1															
2895	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	2															
2898	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	3															
2911	t2	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	4															
2912	t2	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 4O 19_OS

Interface: Central East

Twr 345																								
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																								
wood 3																								
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2
Ph2 DC																								
1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
-674 >E	Dunwoodie 345kV Voltage	Pre-Fault	803.6	NA	348	-674
-214 >E	Sprain Brook 345kV Voltage	Pre-Fault	716.5	NA	348	-214
2648	Marcy 345kV Voltage	Pre-Fault	15.7	NA	348	2648
2663	Edic 345kV Voltage	Pre-Fault	16.6	NA	347	2663
2674	limit with 5% margin	Marcy South N.	NA	NA	NA	3443
2709	Gordon Rd 345kV Voltage	Pre-Fault	26.8	NA	348	2709
2714	Gordon Rd 345kV Voltage	SBK Princetown 345	11.0	327.8	347.8	2516
2721	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3002
2739	Millwood 345kV Voltage	Pre-Fault	51.3	NA	348	2739
2753	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1994
2753	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1943
2753	limit with 5% margin	Marcy South S.	NA	NA	NA	3261
2753	limit with 5% margin	SBK Edic R945	NA	NA	NA	1994
2759	Edic 345kV Voltage	Marcy South N.	7.8	327.8	340.5	3600
2761	Marcy 345kV Voltage	Marcy South N.	7.8	327.8	340.4	3601
2765	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2553
2766	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2726
2766	limit with 5% margin	Volney-Marcy	NA	NA	NA	2766
2766	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2715
2766	limit with 5% margin	SBK Edic R70	NA	NA	NA	2722
2766	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2755
2766	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2729
2766	limit with 5% margin	Ravenswood 3	NA	NA	NA	2856
2776	Gordon Rd 345kV Voltage	Marcy South N.	11.9	327.8	344.9	3610
2811	Oakdale 345kV Voltage	Marcy South N.	7.2	320	342.6	3624
2829	Buchanan North 345kV Voltage	Pre-Fault	48.8	NA	346	2829
2829	Edic 345kV Voltage	Ph2 DC 1500	1.6	327.8	335.2	3140
2830	Marcy 345kV Voltage	Ph2 DC 1500	1.5	327.8	335.1	3141
2834	Pannell Road 345kV Voltage	Pre-Fault	9.4	NA	346	2834
2835	Marcy 345kV Voltage	SBK Edic R945	4.3	327.8	334.6	2071
2835	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	334.6	2071
2835	Station 80 345kV Voltage	Pre-Fault	9.5	NA	346	2835
2837	Clay 345kV Voltage	Pre-Fault	10.1	NA	345	2837
2837	Edic 345kV Voltage	SBK Edic R945	4.3	327.8	334.4	2072
2837	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	334.4	2072
2839 >E	Clay 345kV Voltage	Marcy South N.	6.4	327.8	345.5	3629
2848	Edic 345kV Voltage	Marcy-N.Scot99 345	14.1	327.8	333.1	2030
2851	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.3	327.8	332.6	2031
2852	Gordon Rd 345kV Voltage	Marcy South S.	5.3	327.8	340.4	3411
2858	New Scotland 345kV Voltage Alps	Pre-Fault	13.4	NA	348	2858

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2858	New Scotland 345kV Voltage Gilb	Pre-Fault	13.4	NA	348	2858
2866	Edic 345kV Voltage	Marcy South S.	6.7	327.8	331.0	3419
2867	Marcy 345kV Voltage	Marcy South S.	6.7	327.8	330.8	3420
2873	Oakdale 345kV Voltage	Pre-Fault	8.0	NA	335	2873
2875 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	9.7	327.8	338.9	3166
2886	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	339.8	2096
2886	Coopers Corners 345kV Voltage	SBK Edic R945	4.4	327.8	339.8	2096
2887	Fraser 345kV Voltage	Pre-Fault	7.6	NA	338	2887
2888	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.2	320	332.9	2096
2888	Oakdale 345kV Voltage	SBK Edic R945	3.2	320	332.9	2096
2889	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.5	327.8	337.7	2096
2889	Fraser 345kV Voltage	SBK Edic R945	3.5	327.8	337.7	2096
2891	Edic 345kV Voltage	Ravenswood 3	7.5	327.8	328.1	2990
2891	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	4.6	327.8	339.3	2045
2892	Marcy 345kV Voltage	Ravenswood 3	7.5	327.8	327.9	2991
2892	Edic 345kV Voltage	SBK Princetown 345	8.0	327.8	328.0	2675
2893	Marcy 345kV Voltage	N.Scot-Leeds 345	8.0	327.8	327.8	2851
2893	Marcy 345kV Voltage	Volney-Marcy	8.0	327.8	327.8	2893
2893	Marcy 345kV Voltage	SBK Marcy R3108	8.0	327.8	327.8	2839
2893	Marcy 345kV Voltage	SBK Edic R70	8.0	327.8	327.8	2847
2893	Marcy 345kV Voltage	SBK Princetown 345	8.0	327.8	327.8	2676
2893	Marcy 345kV Voltage	Princetown-N.Scot 345	8.0	327.8	327.8	2881
2893	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	8.0	327.8	327.8	2855
2893	Gilboa 345kV Voltage	Pre-Fault	15.5	NA	348	2893
2893	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.4	320	332.1	2045
2893	Rock Tavern 345kV Voltage	Pre-Fault	17.5	NA	348	2893
2893	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	8.1	327.8	327.8	2855
2893	Edic 345kV Voltage	N.Scot-Leeds 345	8.1	327.8	327.8	2852
2893	Edic 345kV Voltage	Princetown-N.Scot 345	8.1	327.8	327.8	2882
2894	Edic 345kV Voltage	Volney-Marcy	8.1	327.8	327.8	2894
2895	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	337.0	2045
2895	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.2	327.8	336.7	2045
2896	Edic 345kV Voltage	SBK Marcy R3108	10.9	327.8	327.5	2843
2900	Edic 345kV Voltage	SBK Edic R70	2.5	327.8	326.5	2854
2901	Coopers Corners 345kV Voltage	Pre-Fault	3.4	NA	338	2901
2903	Pleasant Valley 345kV Voltage	Pre-Fault	7.7	NA	348	2903
2906	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	2.7	327.8	334.2	2867
2907	Buchanan South 345kV Voltage	Pre-Fault	8.2	NA	346	2907

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2907 >E	Clay 345kV Voltage	SBK Edic R945	4.6	327.8	340.0	2101
2909 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	339.8	2102
2911	St.Lawrence 230kV Voltage	Pre-Fault	0.9	NA	225	2911
2912 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	330.5	2869
2912 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	0.4	327.8	330.0	2901
2912 >E	Gordon Rd 345kV Voltage	Ravenswood 3	0.4	327.8	330.0	3007
2912 >E	Ramapo 345kV Voltage	Pre-Fault	0.6	NA	346	2912
2912 >E	Coopers Corners 345kV Voltage	Ravenswood 3	0.4	327.8	331.9	3007
2913 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	327.8	2870
2913 >E	Fraser 345kV Voltage	Volney-Marcy	0.4	327.8	327.8	2913
2913 >E	Fraser 345kV Voltage	SBK Marcy R3108	0.4	327.8	327.8	2860
2913 >E	Fraser 345kV Voltage	SBK Edic R70	0.4	327.8	327.8	2868
2913 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	0.4	327.8	327.8	2874
2913 >E	Fraser 345kV Voltage	Ravenswood 3	0.4	327.8	327.8	3007
2913 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	0.4	327.8	327.8	2901
2913 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	0.4	327.8	328.3	2861
2913 >E	Gordon Rd 345kV Voltage	SBK Edic R70	0.4	327.8	327.9	2869
2913 >E	Gordon Rd 345kV Voltage	Volney-Marcy	0.4	327.8	327.8	2913
2913 >E	Oakdale 345kV Voltage	Ravenswood 3	0.5	320	322.2	3007
2913 >E	Ladentown 345kV Voltage	Pre-Fault	0.7	NA	346	2913
2913 >E	Ramapo 500kV Voltage	Ravenswood 3	1.0	500	505.2	3007
2914 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	328.5	2871
2914 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	0.5	320	320.3	2875
2914 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	0.5	320	320.2	2871
2914 >E	Oakdale 345kV Voltage	SBK Marcy R3108	0.5	320	320.1	2864
2914 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	0.4	327.8	328.1	2875
2914 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	0.5	320	320.1	2902
2914 >E	Oakdale 345kV Voltage	Volney-Marcy	0.5	320	320.0	2914
2914 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	0.4	327.8	327.9	2902
2914 >E	Coopers Corners 345kV Voltage	Volney-Marcy	0.4	327.8	327.8	2914
2914 >E	Oakdale 345kV Voltage	SBK Edic R70	0.5	320	319.8	2873
2914 >E	Clay 345kV Voltage	Ravenswood 3	0.4	327.8	329.2	3008
2915 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	0.4	327.8	327.9	2876
2915 >E	Clay 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	327.9	2872
2915 >E	Clay 345kV Voltage	Princetown-N.Scot 345	0.4	327.8	327.8	2903
2915 >E	Clay 345kV Voltage	Volney-Marcy	0.4	327.8	327.8	2915
2915 >E	Bowline 1 345kV Voltage	Pre-Fault	0.7	NA	345	2915

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2915 >E	Coopers Corners 345kV Voltage	SBK Edic R70	0.4	327.8	325.8	2875
2915 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	0.4	327.8	325.7	2867
2915 >E	Bowline 2 345kV Voltage	Pre-Fault	0.7	NA	345	2915
2916 >E	Roseton 345kV Voltage	Pre-Fault	1.0	NA	345	2916
2916 >E	Clay 345kV Voltage	SBK Marcy R3108	0.5	327.8	325.3	2869
2916 >E	Clay 345kV Voltage	SBK Edic R70	0.5	327.8	325.0	2879
2916 >E	Leeds 345kV Voltage	Pre-Fault	0.7	NA	345	2916
2916 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	0.5	327.8	332.3	2874
2916 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	0.5	327.8	332.3	2874
2917 >E	St.Lawrence 230kV Voltage	Volney-Marcy	0.9	218.5	218.5	2917
2917 >E	St.Lawrence 230kV Voltage	Ravenswood 3	1.0	218.5	218.5	3009
2917 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	0.9	218.5	218.5	2906
2917 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	0.9	218.5	218.5	2878
2917 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	0.9	218.5	218.4	2875
2918 >E	Dunwoodie 345kV Voltage	Ravenswood 3	1.0	327.8	335.6	3009
2918 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	0.5	327.8	329.7	3009
2918 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	0.5	327.8	329.7	3009
2918 >E	Sprain Brook 345kV Voltage	Ravenswood 3	1.0	327.8	335.6	3009
2918 >E	Buchanan North 345kV Voltage	Ravenswood 3	0.8	327.8	334.6	3009
2918 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	1.0	500	500.3	2875
2918 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	1.1	218.5	217.6	2876
2918 >E	St.Lawrence 230kV Voltage	SBK Edic R70	1.2	218.5	217.5	2886
2918 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	1.0	500	500.1	2879
2918 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	1.0	500	500.0	2907
2918 >E	Ramapo 500kV Voltage	Pre-Fault	1.0	NA	500	2918
2918 >E	Ramapo 500kV Voltage	Volney-Marcy	1.0	500	500.0	2918
2919 >E	Ramapo 500kV Voltage	SBK Edic R70	1.0	500	499.7	2887
2919 >E	Ramapo 500kV Voltage	SBK Marcy R3108	1.0	500	499.7	2878
2919 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	5.2	327.8	339.2	2050
2919 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	0.5	327.8	327.8	2919
2919 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	0.5	327.8	327.8	2919
2919 >E	Pannell Road 345kV Voltage	Ravenswood 3	0.7	327.8	328.9	3009
2919 >E	Rock Tavern 345kV Voltage	Ravenswood 3	0.6	327.8	332.5	3009
2919 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	0.5	327.8	327.6	2907
2919 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	0.5	327.8	327.6	2907
2919 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	0.5	327.8	326.9	2880
2919 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	0.5	327.8	326.9	2880

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2919 >E	Millwood 345kV Voltage	Ravenswood 3	0.9	327.8	335.1	3009
2919 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	0.6	327.8	326.8	2880
2919 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	0.6	327.8	326.8	2880
2919 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	0.6	327.8	326.7	2889
2919 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	0.6	327.8	326.7	2889
2919 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	0.7	327.8	327.9	2880
2919 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	0.7	327.8	327.9	2877
2920 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	0.7	327.8	327.8	2908
2920 >E	Pannell Road 345kV Voltage	Volney-Marcy	0.7	327.8	327.8	2920
2920 >E	Buchanan South 345kV Voltage	Ravenswood 3	0.8	327.8	334.9	3009
2920 >E	Ramapo 345kV Voltage	Ravenswood 3	0.6	327.8	333.5	3009
2920 >E	Station 80 345kV Voltage	Ravenswood 3	0.8	327.8	328.9	3009
2920 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	0.6	327.8	330.7	2878
2921 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.2	320	321.8	2693
2921 >E	Fraser 345kV Voltage	SBK Princetown 345	2.6	327.8	327.8	2693
2921 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	0.8	327.8	327.9	2882
2921 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	0.8	327.8	327.9	2878
2921 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	0.8	327.8	327.8	2909
2921 >E	Station 80 345kV Voltage	Volney-Marcy	0.8	327.8	327.8	2921
2921 >E	Ladentown 345kV Voltage	Ravenswood 3	0.7	327.8	334.1	3010
2921 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	0.6	327.8	328.3	2878
2921 >E	Gilboa 345kV Voltage	Ravenswood 3	0.6	327.8	329.2	3010
2921 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	0.6	327.8	327.9	2882
2921 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	0.6	327.8	327.8	2910
2922 >E	Rock Tavern 345kV Voltage	Volney-Marcy	0.6	327.8	327.8	2922
2922 >E	Pannell Road 345kV Voltage	SBK Edic R70	0.8	327.8	325.0	2896
2922 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	0.9	327.8	325.0	2886
2922 >E	Bowline 1 345kV Voltage	Ravenswood 3	0.7	327.8	334.2	3010
2922 >E	Gilboa 345kV Voltage	Volney-Marcy	0.7	327.8	327.8	2922
2922 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	0.7	327.8	327.8	2911
2922 >E	Gilboa 345kV Voltage	SBK Marcy R3108	0.7	327.8	327.7	2889
2922 >E	Gilboa 345kV Voltage	SBK Edic R70	0.7	327.8	327.7	2899
2922 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	0.7	327.8	327.6	2883
2922 >E	Rock Tavern 345kV Voltage	SBK Edic R70	0.6	327.8	326.3	2899
2922 >E	Bowline 2 345kV Voltage	Ravenswood 3	0.7	327.8	334.2	3010
2922 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	0.6	327.8	326.2	2889
2922 >E	Ramapo 500kV Voltage	Ph2 DC 1500	24.6	500	507.1	3194

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2923 >E	Station 80 345kV Voltage	SBK Edic R70	0.9	327.8	325.2	2900
2923 >E	Station 80 345kV Voltage	SBK Marcy R3108	0.9	327.8	325.1	2891
2923 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	0.8	327.8	328.2	2880
2923 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	0.6	327.8	328.2	2880
2923 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	0.8	327.8	327.8	2884
2923 >E	Buchanan North 345kV Voltage	Princeton-N.Scot 345	0.8	327.8	327.8	2912
2923 >E	Buchanan North 345kV Voltage	Volney-Marcy	0.8	327.8	327.8	2923
2924 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	0.6	327.8	327.8	2884
2924 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	0.6	327.8	327.8	2912
2924 >E	Ramapo 345kV Voltage	Volney-Marcy	0.6	327.8	327.8	2924
2924 >E	Buchanan North 345kV Voltage	SBK Edic R70	0.8	327.8	327.1	2903
2924 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	0.8	327.8	327.1	2893
2924 >E	Ramapo 345kV Voltage	SBK Edic R70	0.6	327.8	327.0	2904
2924 >E	Ramapo 345kV Voltage	SBK Marcy R3108	0.6	327.8	326.9	2894
2925 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	0.7	327.8	328.3	2882
2925 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	0.8	327.8	328.3	2882
2925 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	0.7	327.8	327.8	2886
2925 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	0.7	327.8	327.8	2914
2925 >E	Ladentown 345kV Voltage	Volney-Marcy	0.7	327.8	327.8	2925
2926 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	0.9	327.8	328.3	2883
2926 >E	Buchanan South 345kV Voltage	Volney-Marcy	0.8	327.8	327.8	2926
2926 >E	Buchanan South 345kV Voltage	Princeton-N.Scot 345	0.8	327.8	327.8	2914
2926 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	0.8	327.8	327.8	2886
2926 >E	Ladentown 345kV Voltage	SBK Edic R70	0.7	327.8	326.9	2910
2926 >E	Ladentown 345kV Voltage	SBK Marcy R3108	0.7	327.8	326.9	2899
2926 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	1.0	327.8	331.9	3011
2926 >E	Millwood 345kV Voltage	Volney-Marcy	0.9	327.8	327.8	2926
2926 >E	New Scotland 345kV Voltage Alps	Marcy South N.	11.0	327.8	347.2	3644
2926 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	11.0	327.8	347.2	3644
2926 >E	Millwood 345kV Voltage	Princeton-N.Scot 345	0.9	327.8	327.8	2915
2926 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	0.9	327.8	327.7	2887
2926 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	0.7	327.8	328.3	2883
2926 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	1.1	327.8	328.2	2883
2926 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	1.1	327.8	328.2	2883
2926 >E	Buchanan South 345kV Voltage	SBK Edic R70	0.9	327.8	327.1	2911
2926 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	0.9	327.8	327.1	2901

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2926 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	0.7	327.8	328.3	2883
2927 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	0.7	327.8	327.8	2887
2927 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	0.7	327.8	327.8	2915
2927 >E	Bowline 1 345kV Voltage	Volney-Marcy	0.7	327.8	327.8	2927
2927 >E	Sprain Brook 345kV Voltage	Volney-Marcy	1.1	327.8	327.8	2927
2927 >E	Millwood 345kV Voltage	SBK Edic R70	1.0	327.8	327.2	2912
2927 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	1.1	327.8	327.8	2915
2927 >E	Millwood 345kV Voltage	SBK Marcy R3108	1.0	327.8	327.1	2902
2927 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	0.7	327.8	327.8	2887
2927 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	0.7	327.8	327.8	2915
2927 >E	Bowline 2 345kV Voltage	Volney-Marcy	0.7	327.8	327.8	2927
2927 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	1.1	327.8	327.7	2887
2927 >E	Dunwoodie 345kV Voltage	Volney-Marcy	1.2	327.8	327.8	2927
2927 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	1.2	327.8	327.8	2915
2927 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	1.2	327.8	327.7	2887
2927 >E	Pannell Road 345kV Voltage	Marcy South N.	11.9	327.8	345.3	3644
2927 >E	Bowline 1 345kV Voltage	SBK Edic R70	0.7	327.8	326.9	2914
2927 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	0.7	327.8	326.9	2903
2927 >E	Sprain Brook 345kV Voltage	SBK Edic R70	1.2	327.8	327.2	2914
2927 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	1.2	327.8	327.2	2903
2927 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	3.1	327.8	330.1	2697
2927 >E	Bowline 2 345kV Voltage	SBK Edic R70	0.7	327.8	326.9	2914
2927 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	0.7	327.8	326.9	2904
2927 >E	Dunwoodie 345kV Voltage	SBK Edic R70	1.2	327.8	327.3	2914
2927 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	1.2	327.8	327.2	2904
2929 >E	Roseton 345kV Voltage	Ravenswood 3	0.9	327.8	331.7	3012
2929 >E	Leeds 345kV Voltage	Volney-Marcy	0.7	327.8	327.8	2929
2929 >E	Leeds 345kV Voltage	SBK Edic R70	0.7	327.8	327.8	2918
2929 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	0.7	327.8	327.8	2889
2929 >E	Leeds 345kV Voltage	Ravenswood 3	0.7	327.8	327.8	3012
2929 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	0.7	327.8	327.8	2885
2929 >E	Leeds 345kV Voltage	SBK Marcy R3108	0.7	327.8	327.8	2907
2929 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	0.7	327.8	327.8	2917
2929 >E	New Scotland 345kV Voltage Alps	Marcy South S.	8.0	327.8	343.8	3441
2929 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	8.0	327.8	343.8	3441
2929 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	1.0	327.8	328.7	2886

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2929 >E	Somerset 345kV Voltage	Pre-Fault	1.5	NA	338	2929
2930 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	1.0	327.8	327.8	2930
2930 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	1.0	327.8	327.7	2919
2930 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	1.0	327.8	327.6	2891
2931 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	1.0	327.8	327.2	2925
2931 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	1.0	327.8	327.2	2913
2932 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	1.0	327.8	328.3	2888
2932 >E	Clay 345kV Voltage	SBK Princetown 345	2.7	327.8	329.5	2699
2932 >E	Roseton 345kV Voltage	Volney-Marcy	1.0	327.8	327.8	2932
2932 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	1.0	327.8	327.8	2921
2932 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	1.0	327.8	327.8	2892
2933 >E	Roseton 345kV Voltage	SBK Edic R70	1.0	327.8	326.9	2932
2933 >E	Roseton 345kV Voltage	SBK Marcy R3108	1.0	327.8	326.8	2921
2943 >E	Somerset 345kV Voltage	Ravenswood 3	1.5	327.8	328.8	3017
2944 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	1.5	327.8	327.9	2904
2944 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	1.5	327.8	327.9	2900
2944 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	1.5	327.8	327.8	2933
2944 >E	Somerset 345kV Voltage	Volney-Marcy	1.5	327.8	327.8	2944
2946 >E	Oakdale 345kV Voltage	Ph2 DC 1500	9.5	320	332.5	3209
2951 >E	Somerset 345kV Voltage	SBK Edic R70	1.7	327.8	323.7	2986
2951 >E	Somerset 345kV Voltage	SBK Marcy R3108	1.8	327.8	323.2	2973
2952 >E	Clay 345kV Voltage	Ph2 DC 1500	10.5	327.8	340.0	3212
2954 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	6.2	218.5	219.0	2712
2958 >E	Rainey 345kV Voltage	Ravenswood 3	2.5	327.8	341.0	3022
2958 >E	St.Lawrence 230kV Voltage	SBK Edic R945	10.7	218.5	226.1	2117
2960 >E	Pannell Road 345kV Voltage	SBK Princetown 345	4.2	327.8	329.4	2714
2960 >E	Farragut 345kV Voltage	Ravenswood 3	2.6	327.8	340.2	3023
2965 >E	Niagara 230kV East Voltage	Pre-Fault	6.9	NA	225	2965
2965 >E	Niagara 230kV West Voltage	Pre-Fault	6.9	NA	225	2965
2969 >E	Rainey 345kV Voltage	Pre-Fault	3.7	NA	338	2969
2969 >E	Farragut 345kV Voltage	Pre-Fault	3.9	NA	338	2969
2970 >E	Niagara 345kV Voltage	Pre-Fault	3.1	NA	338	2970
2970 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	12.7	218.5	225.9	2120
2972 >E	Pannell Road 345kV Voltage	SBK Edic R945	8.8	327.8	340.8	2121
2975 >E	Gilboa 345kV Voltage	Marcy South S.	8.7	327.8	344.0	3453
2976 >E	Fraser 345kV Voltage	Ph2 DC 1500	9.9	327.8	335.8	3226
2976 >E	Oakdale 345kV Voltage	Marcy South S.	6.4	320	320.5	3453
2978 >E	Station 80 345kV Voltage	Marcy South N.	14.7	327.8	345.2	3653

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2979 >E	Station 80 345kV Voltage	SBK Princetown 345	5.4	327.8	329.4	2725
2983 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	12.4	218.5	225.6	2063
2984 >E	Goethals 345kV Voltage	Ravenswood 3	3.5	327.8	339.3	3030
2989 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	10.7	327.8	340.4	2126
2990 >E	Ramapo 500kV Voltage	SBK Edic R945	20.0	500	505.7	2126
2990 >E	Goethals 345kV Voltage	Pre-Fault	5.3	NA	338	2990
2991 >E	Watercure 230kV Voltage	Pre-Fault	4.8	NA	215	2991
2992 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	4.4	327.8	322.2	2733
2992 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	4.4	327.8	322.2	2733
2994 >E	Gilboa 345kV Voltage	SBK Princetown 345	4.7	327.8	327.0	2734
2995 >E	Fraser 345kV Voltage	Marcy South S.	10.9	327.8	327.8	3458
2995 >E	Clay 345kV Voltage	Marcy South S.	9.4	327.8	334.3	3458
2995 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	20.9	500	505.6	2066
2996 >E	St.Lawrence 230kV Voltage	Marcy South N.	20.8	218.5	227.7	3656
2996 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	10.2	327.8	340.2	2066
2998 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	21.9	500	505.5	2129
2999 >E	Niagara 345kV Voltage	Ravenswood 3	3.1	327.8	328.4	3035
3001 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	3.1	327.8	327.9	2957
3001 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	3.1	327.8	327.9	2954
3001 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	3.1	327.8	327.8	2989
3001 >E	Niagara 345kV Voltage	Volney-Marcy	3.1	327.8	327.8	3001
3005 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	328.3	2958
3006 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	3.8	327.8	328.3	2959
3007 >E	Rainey 345kV Voltage	Volney-Marcy	3.7	327.8	327.8	3007
3007 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	2994
3007 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	3.8	327.8	327.7	2963
3007 >E	Niagara 230kV East Voltage	Ravenswood 3	6.9	218.5	218.9	3038
3007 >E	Niagara 230kV West Voltage	Ravenswood 3	6.9	218.5	218.9	3038
3008 >E	Station 80 345kV Voltage	SBK Edic R945	10.9	327.8	340.9	2131
3008 >E	Watercure 230kV Voltage	Ravenswood 3	4.1	207	211.3	3038
3008 >E	Farragut 345kV Voltage	Volney-Marcy	3.9	327.8	327.8	3008
3008 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	2996
3009 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.7	2964
3009 >E	Rainey 345kV Voltage	SBK Edic R70	3.8	327.8	327.3	3166
3009 >E	Rainey 345kV Voltage	SBK Marcy R3108	3.8	327.8	327.3	3140
3009 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	6.9	218.5	218.6	2965
3009 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr	6.9	218.5	218.6	2965

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3010 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	6.9	218.5	218.6	2962
3010 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	6.9	218.5	218.6	2962
3010 >E	Niagara 230kV East Voltage	Princeton-N.Scot 345	6.9	218.5	218.5	2997
3010 >E	Niagara 230kV West Voltage	Princeton-N.Scot 345	6.9	218.5	218.5	2997
3010 >E	Niagara 230kV East Voltage	Volney-Marcy	6.9	218.5	218.5	3010
3010 >E	Niagara 230kV West Voltage	Volney-Marcy	6.9	218.5	218.5	3010
3010 >E	Farragut 345kV Voltage	SBK Edic R70	3.9	327.8	327.3	3170
3010 >E	Farragut 345kV Voltage	SBK Marcy R3108	3.9	327.8	327.3	3144
3012 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	5.7	327.8	330.3	2743
3018 >E	Niagara 345kV Voltage	SBK Edic R70	3.6	327.8	322.4	3193
3020 >E	Niagara 345kV Voltage	SBK Marcy R3108	3.7	327.8	321.7	3173
3021 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	7.9	327.8	328.0	2748
3022 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	7.9	327.8	328.0	2749
3025 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	4.6	207	207.8	2980
3027 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	4.7	207	207.4	2978
3028 >E	Watercure 230kV Voltage	Princeton-N.Scot 345	4.7	207	207.2	3015
3028 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	12.7	327.8	342.8	3258
3028 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	12.7	327.8	342.8	3258
3029 >E	Watercure 230kV Voltage	Volney-Marcy	4.8	207	207.0	3029
3029 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	15.1	327.8	337.6	3258
3029 >E	Gilboa 345kV Voltage	SBK Edic R945	8.8	327.8	341.3	2138
3030 >E	Niagara 230kV East Voltage	SBK Edic R70	8.3	218.5	215.6	3231
3030 >E	Niagara 230kV West Voltage	SBK Edic R70	8.3	218.5	215.6	3231
3032 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	13.2	327.8	340.4	2139
3032 >E	Ramapo 500kV Voltage	SBK Princetown 345	18.0	500	501.5	2755
3033 >E	Niagara 230kV East Voltage	SBK Marcy R3108	8.5	218.5	215.2	3210
3033 >E	Niagara 230kV West Voltage	SBK Marcy R3108	8.5	218.5	215.2	3210
3034 >E	Buchanan North 345kV Voltage	SBK Princetown 345	8.0	327.8	328.8	2756
3037 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	12.7	327.8	340.3	2074
3037 >E	Millwood 345kV Voltage	SBK Princetown 345	7.7	327.8	328.1	2758
3042 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	5.2	327.8	328.3	2993
3044 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	9.8	327.8	340.6	2142
3045 >E	Goethals 345kV Voltage	Volney-Marcy	5.3	327.8	327.8	3045
3045 >E	Goethals 345kV Voltage	Princeton-N.Scot 345	5.3	327.8	327.8	3032
3045 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	5.3	327.8	327.7	2999
3047 >E	Goethals 345kV Voltage	SBK Edic R70	5.4	327.8	327.4	3282
3047 >E	Goethals 345kV Voltage	SBK Marcy R3108	5.4	327.8	327.4	3249
3050 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	9.8	327.8	340.3	2077

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3050 >E	Buchanan South 345kV Voltage	SBK Princetown 345	7.8	327.8	328.5	2765
3053 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	16.2	327.8	339.3	3273
3059 >E	Leeds 345kV Voltage	SBK Princetown 345	6.2	327.8	327.8	2770
3060 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	27.7	218.5	225.7	3277
3062 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	7.6	327.8	327.4	2771
3066 >E	Gardenville 230kV Voltage	Pre-Fault	8.9	NA	217	3066
3069 >E	Gordon Rd 345kV Voltage	SBK Edic R945	10.6	327.8	324.0	2150
3072 >E	Ramapo 345kV Voltage	SBK Princetown 345	8.2	327.8	329.6	2777
3073 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	10.6	327.8	335.3	2151
3073 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	10.6	327.8	335.3	2151
3079 >E	Ladentown 345kV Voltage	SBK Princetown 345	8.0	327.8	329.4	2781
3086 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	11.6	327.8	322.8	2155
3087 >E	Bowline 2 345kV Voltage	SBK Princetown 345	7.7	327.8	329.5	2785
3089 >E	Roseton 345kV Voltage	SBK Princetown 345	8.0	327.8	328.9	2786
3089 >E	Station 80 345kV Voltage	Ph2 DC 1500	18.6	327.8	338.9	3294
3090 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	11.6	327.8	334.3	2156
3090 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	11.6	327.8	334.3	2156
3091 >E	Leeds 345kV Voltage	Marcy South S.	11.2	327.8	348.2	3483
3092 >E	Watercure 230kV Voltage	Marcy South N.	17.5	207	227.6	3673
3092 >E	Watercure 230kV Voltage	SBK Edic R70	7.3	207	193.7	3421
3095 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	11.6	327.8	334.0	2086
3095 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	11.6	327.8	334.0	2086
3098 >E	Bowline 1 345kV Voltage	SBK Princetown 345	8.2	327.8	329.6	2791
3100 >E	Watercure 230kV Voltage	SBK Marcy R3108	7.7	207	192.0	3404
3111 >E	Ramapo 500kV Voltage	Marcy South S.	29.8	500	503.0	3488
3137 >E	Rock Tavern 345kV Voltage	SBK Edic R945	15.8	327.8	343.7	2170
3143 >E	Gardenville 230kV Voltage	Ravenswood 3	8.6	207	208.3	3082
3149 >E	St.Lawrence 230kV Voltage	Marcy South S.	29.3	218.5	222.1	3498
3152 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	8.8	207	207.3	3100
3152 >E	Northport 138kV Voltage	Pre-Fault	27.5	NA	135	3152
3153 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	8.8	207	207.3	3097
3154 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	8.9	207	207.1	3140
3155 >E	Gardenville 230kV Voltage	Volney-Marcy	8.9	207	207.0	3155
3165 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	17.0	327.8	343.2	2101
3166 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	17.7	327.8	343.2	2179
3174 >E	Gilboa 345kV Voltage	Ph2 DC 1500	16.6	327.8	342.1	3346
3181 >E	Pannell Road 345kV Voltage	Marcy South S.	21.0	327.8	335.5	3506
3189 >E	Ramapo 500kV Voltage	Marcy South N.	48.5	500	503.6	3690
3199 >E	Somerset 345kV Voltage	SBK Princetown 345	12.9	327.8	330.7	2847
3205 >E	Northport 138kV Voltage	Ravenswood 3	23.8	131.1	133.1	3102

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3210 >E	Fraser 345kV Voltage	Marcy South N.	21.8	327.8	327.8	3694
3232 >E	Gardenville 230kV Voltage	SBK Edic R70	11.7	207	198.4	3854
3246 >E	Gardenville 230kV Voltage	SBK Marcy R3108	12.2	207	196.8	3826
3255 >E	Northport 138kV Voltage	N.Scot-Leeds 345	27.1	131.1	131.3	3193
3260 >E	Northport 138kV Voltage	Volney-Marcy	27.5	131.1	131.1	3260
3260 >E	Niagara 230kV East Voltage	SBK Princetown 345	24.6	218.5	219.6	2880
3260 >E	Niagara 230kV West Voltage	SBK Princetown 345	24.6	218.5	219.6	2880
3260 >E	Northport 138kV Voltage	Princetown-N.Scot 345	27.5	131.1	131.1	3244
3261 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	27.6	131.1	131.0	3202
3266 >E	Northport 138kV Voltage	SBK Edic R70	27.9	131.1	130.9	3958
3266 >E	Northport 138kV Voltage	SBK Marcy R3108	28.0	131.1	130.9	3885
3266 >E	Watercure 230kV Voltage	SBK Princetown 345	14.7	207	210.9	2884
3280 >E	Gilboa 345kV Voltage	Marcy South N.	21.6	327.8	340.7	3706
3280 >E	Station 80 345kV Voltage	Marcy South S.	26.8	327.8	335.6	3532
3300 >E	Somerset 345kV Voltage	SBK Edic R945	19.5	327.8	346.3	2219
3305 >E	Pleasant Valley 345kV Voltage	Marcy South S.	26.0	327.8	342.0	3539
3326 >E	Buchanan North 345kV Voltage	SBK Edic R945	28.9	327.8	339.3	2226
3340 >E	Watercure 230kV Voltage	Ph2 DC 1500	22.3	207	223.3	3446
3358 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	30.5	327.8	339.0	2141
3364 >E	Ramapo 345kV Voltage	SBK Edic R945	25.1	327.8	343.1	2238
3368 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	31.8	327.8	338.8	2239
3371 >E	Somerset 345kV Voltage	Marcy South N.	26.3	327.8	349.9	3722
3374 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	22.6	327.8	345.4	2144
3387 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	23.7	327.8	345.3	2245
3400 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	26.6	327.8	342.7	2150
3413 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	27.7	327.8	342.5	2252
3430 >E	Leeds 345kV Voltage	Marcy South N.	23.9	327.8	348.0	3732
3436 >E	Ladentown 345kV Voltage	SBK Edic R945	26.5	327.8	343.6	2259
3475 >E	Bowline 1 345kV Voltage	SBK Edic R945	26.4	327.8	344.7	2271
3476 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	28.1	327.8	343.1	2165
3487 >E	Bowline 2 345kV Voltage	SBK Edic R945	26.4	327.8	345.0	2275
3491 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	29.3	327.8	342.9	2276
3492 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	39.7	327.8	342.1	3537
3494 >E	Buchanan South 345kV Voltage	SBK Edic R945	33.2	327.8	340.5	2277
3517 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	28.0	327.8	344.2	2174
3518 >E	Somerset 345kV Voltage	Ph2 DC 1500	31.7	327.8	342.6	3552
3522 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	32.6	327.8	344.6	3555
3530 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	28.0	327.8	344.5	2177
3532 >E	Leeds 345kV Voltage	Ph2 DC 1500	25.5	327.8	346.5	3561
3534 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	29.1	327.8	344.0	2289

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3536 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	35.0	327.8	340.0	2178
3548 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	29.1	327.8	344.2	2293
3551 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	36.4	327.8	339.8	2294
3556 >E	Millwood 345kV Voltage	SBK Edic R945	39.0	327.8	339.0	2295
3601 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	41.0	327.8	338.5	2191
3606 >E	Roseton 345kV Voltage	SBK Edic R945	32.0	327.8	341.9	2310
3609 >E	Sprain Brook 345kV Voltage	SBK Edic R945	48.5	327.8	337.6	2311
3615 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	42.5	327.8	338.4	2313
3620 >E	Rainey 345kV Voltage	SBK Princetown 345	27.6	327.8	328.7	3080
3620 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	36.8	327.8	345.9	3614
3623 >E	Dunwoodie 345kV Voltage	SBK Edic R945	49.7	327.8	337.6	2315
3625 >E	Ramapo 345kV Voltage	Ph2 DC 1500	37.7	327.8	345.6	3617
3631 >E	Watercure 230kV Voltage	SBK Edic R945	36.5	207	257.9	2318
3637 >E	Farragut 345kV Voltage	SBK Princetown 345	28.7	327.8	328.8	3089
3654 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	33.7	327.8	341.3	2203
3658 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	50.9	327.8	337.2	2203
3659 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	42.2	327.8	345.0	3637
3669 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	34.9	327.8	341.1	2329
3673 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	52.2	327.8	337.2	2206
3673 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	52.9	327.8	337.1	2330
3680 >E	Millwood 345kV Voltage	Ph2 DC 1500	46.3	327.8	344.3	3650
3684 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	37.5	327.8	335.9	2333
3684 >E	Ladentown 345kV Voltage	Ph2 DC 1500	37.9	327.8	346.9	3652
3688 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	54.2	327.8	337.1	2335
3722 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	38.8	327.8	335.2	2217
3733 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	39.8	327.8	335.1	2348
3733 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	56.4	327.8	342.5	3681
3742 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	37.8	327.8	348.2	3687
3746 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	57.4	327.8	342.5	3689
3759 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	37.8	327.8	348.6	3697
3778 >E	Millwood 345kV Voltage	Marcy South S.	50.9	327.8	336.8	3662
3799 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	34.6	327.8	327.8	2233
3799 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	34.6	327.8	327.8	2368
3799 >E	Leeds 345kV Voltage	SBK Edic R945	34.6	327.8	327.8	2368
3807 >E	Roseton 345kV Voltage	Marcy South S.	39.6	327.8	339.3	3670
3845 >E	Dunwoodie 345kV Voltage	Marcy South S.	63.3	327.8	335.9	3680
3846 >E	Sprain Brook 345kV Voltage	Marcy South S.	62.7	327.8	335.8	3680
3879 >E	Goethals 345kV Voltage	SBK Princetown 345	38.5	327.8	328.9	3223
3883 >E	Roseton 345kV Voltage	Ph2 DC 1500	43.4	327.8	347.5	3772
3895 >E	Pleasant Valley 345kV Voltage	Marcy South N.	51.6	327.8	343.0	3814
3918 >E	Buchanan North 345kV Voltage	Marcy South S.	53.2	327.8	332.1	3699

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3921 >E	Niagara 345kV Voltage	SBK Edic R945	36.8	327.8	350.5	2404
3932 >E	Niagara 230kV East Voltage	SBK Edic R945	73.7	218.5	230.5	2408
3932 >E	Niagara 230kV West Voltage	SBK Edic R945	73.7	218.5	230.5	2408
3932 >E	Buchanan South 345kV Voltage	Marcy South S.	51.8	327.8	335.6	3702
3986 >E	Somerset 345kV Voltage	Marcy South S.	47.5	327.8	338.1	3716
4082 >E	Gardenville 230kV Voltage	SBK Princetown 345	43.1	207	210.8	3335
4086 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	42.4	327.8	349.4	2292
4102 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	85.2	218.5	230.1	2295
4102 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	85.2	218.5	230.1	2295
4127 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	59.5	207	275.1	2301
4136 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	44.5	327.8	349.1	2468
4155 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	89.6	218.5	230.0	2474
4155 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	89.6	218.5	230.0	2474
4156 >E	Coopers Corners 345kV Voltage	Marcy South N.	48.1	327.8	306.6	3860
4168 >E	Niagara 230kV East Voltage	Marcy South N.	94.5	218.5	232.1	3862
4168 >E	Niagara 230kV West Voltage	Marcy South N.	94.5	218.5	232.1	3862
4191 >E	Niagara 345kV Voltage	Marcy South N.	48.9	327.8	353.8	3866
4290 >E	Ramapo 345kV Voltage	Marcy South S.	56.2	327.8	331.4	3796
4326 >E	Ladentown 345kV Voltage	Marcy South S.	56.4	327.8	332.4	3805
4350 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	72.3	207	282.9	2532
4404 >E	Niagara 345kV Voltage	Ph2 DC 1500	56.9	327.8	345.9	4084
4420 >E	Bowline 1 345kV Voltage	Marcy South S.	56.4	327.8	332.8	3829
4463 >E	Niagara 230kV East Voltage	Ph2 DC 1500	113.1	218.5	228.8	4120
4463 >E	Niagara 230kV West Voltage	Ph2 DC 1500	113.1	218.5	228.8	4120
4518 >E	Gardenville 230kV Voltage	SBK Edic R945	61.6	207	231.9	2583
4553 >E	Gardenville 230kV Voltage	Marcy South N.	68.8	207	231.5	3929
4566 >E	Rock Tavern 345kV Voltage	Marcy South S.	59.3	327.8	319.0	3868
4593 >E	Bowline 2 345kV Voltage	Marcy South S.	61.8	327.8	331.0	3875
4751 >E	Roseton 345kV Voltage	Marcy South N.	75.3	327.8	340.4	3964
4758 >E	Buchanan North 345kV Voltage	Marcy South N.	98.4	327.8	333.5	3965
4845 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	73.6	207	231.3	2450
4863 >E	Millwood 345kV Voltage	Marcy South N.	104.8	327.8	337.4	3983
4938 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	77.6	207	231.1	2708
5054 >E	Buchanan South 345kV Voltage	Marcy South N.	103.7	327.8	336.2	4017
5068 >E	Sprain Brook 345kV Voltage	Marcy South N.	132.4	327.8	336.2	4019
5084 >E	Dunwoodie 345kV Voltage	Marcy South N.	134.3	327.8	336.3	4022
5228 >E	Rock Tavern 345kV Voltage	Marcy South N.	89.5	327.8	326.9	4047
5327 >E	Niagara 345kV Voltage	SBK Princetown 345	83.3	327.8	340.1	4024
5358 >E	Ramapo 345kV Voltage	Marcy South N.	102.7	327.8	333.1	4070
5422 >E	Coopers Corners 345kV Voltage	Marcy South S.	67.0	327.8	214.4	4091
5573 >E	Niagara 345kV Voltage	Marcy South S.	92.2	327.8	339.9	4130

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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5638 >E	Gardenville 230kV Voltage	Ph2 DC 1500	103.3	207	227.2	4826
5658 >E	Ladentown 345kV Voltage	Marcy South N.	110.5	327.8	332.9	4123
5913 >E	Niagara 230kV East Voltage	Marcy South S.	206.2	218.5	225.4	4219
5913 >E	Niagara 230kV West Voltage	Marcy South S.	206.2	218.5	225.4	4219
6147 >E	Bowline 1 345kV Voltage	Marcy South N.	121.8	327.8	331.1	4208
6184 >E	Bowline 2 345kV Voltage	Marcy South N.	121.3	327.8	331.3	4215
6684 >E	Rainey 345kV Voltage	SBK Edic R945	146.1	327.8	344.7	3230
6702 >E	Farragut 345kV Voltage	SBK Edic R945	149.7	327.8	344.5	3235
6866 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	152.6	327.8	344.3	2869
6888 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	156.5	327.8	344.0	2874
6967 >E	Rainey 345kV Voltage	Ph2 DC 1500	157.3	327.8	352.5	5625
6973 >E	Farragut 345kV Voltage	Ph2 DC 1500	160.7	327.8	351.9	5628
7031 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	159.5	327.8	343.9	3333
7059 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	163.8	327.8	343.6	3341
7794 >E	Rainey 345kV Voltage	Marcy South S.	187.8	327.8	342.1	4709
7826 >E	Farragut 345kV Voltage	Marcy South S.	192.8	327.8	341.8	4717
7854 >E	Goethals 345kV Voltage	SBK Edic R945	196.2	327.8	345.0	3579
7965 >E	Goethals 345kV Voltage	Ph2 DC 1500	201.2	327.8	352.4	6224
8079 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	204.6	327.8	344.7	3121
8330 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	215.0	327.8	344.3	3721
8779 >E	Gardenville 230kV Voltage	Marcy South S.	217.0	207	224.6	4965
9382 >E	Goethals 345kV Voltage	Marcy South S.	255.6	327.8	342.5	5123
13442 >E	Rainey 345kV Voltage	Marcy South N.	398.5	327.8	342.3	5485
13481 >E	Farragut 345kV Voltage	Marcy South N.	408.0	327.8	342.1	5492
16551 >E	Northport 138kV Voltage	Ph2 DC 1500	1081.2	131.1	145.5	11383
17056 >E	Goethals 345kV Voltage	Marcy South N.	551.9	327.8	343.1	6118
23200 >E	Northport 138kV Voltage	SBK Edic R945	1604.2	131.1	141.2	8163
24476 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1703.7	131.1	141.0	6525
25149 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1758.2	131.1	140.9	8744
39966 >E	Northport 138kV Voltage	Marcy South S.	2930.3	131.1	139.0	13093
95868 >E	Northport 138kV Voltage	Marcy South N.	7305.7	131.1	141.4	19917
99998	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

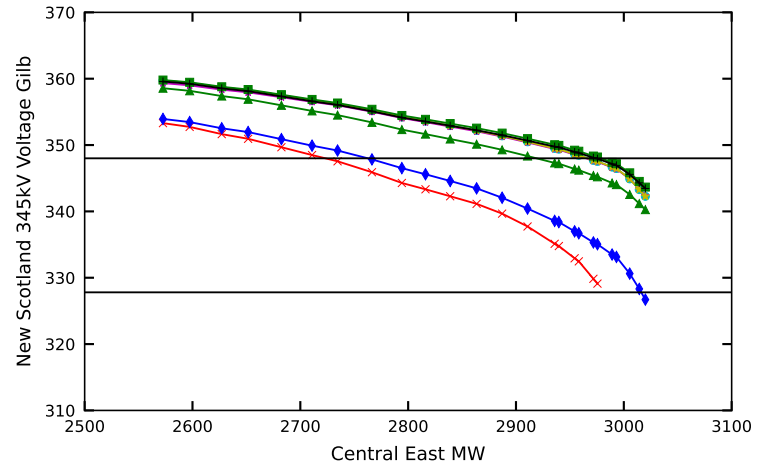
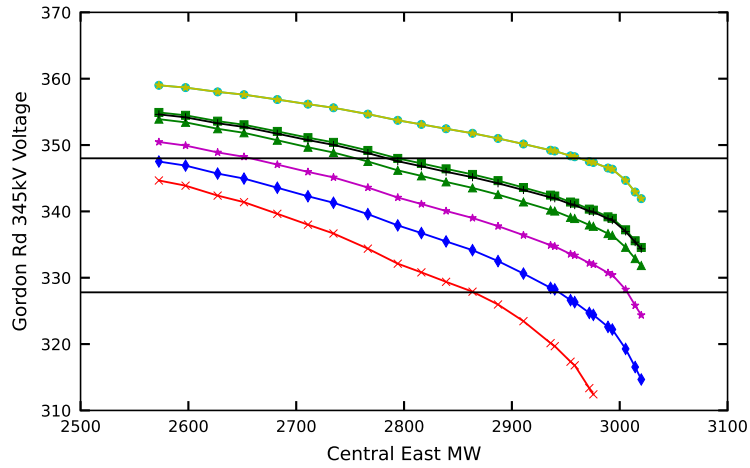
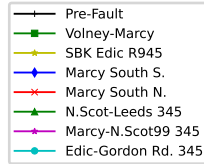
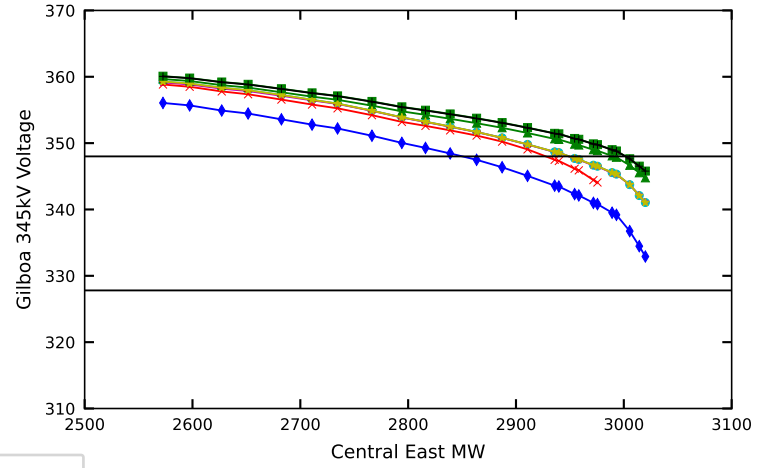
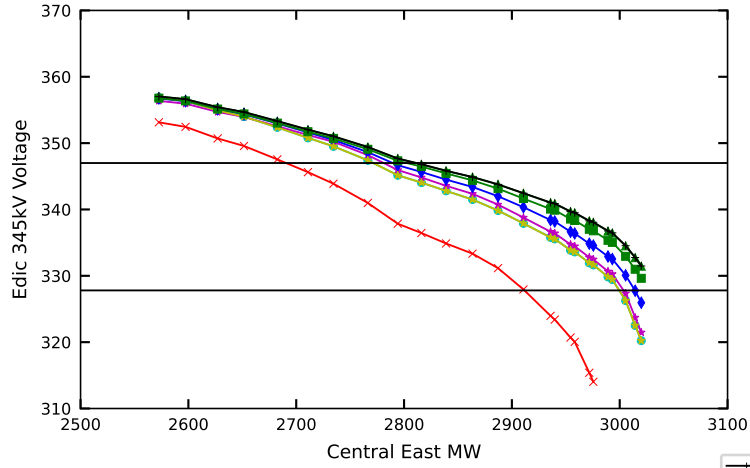
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1: 2023S CEVC PH2 CE2530 MS2270 DE1300 40 19_OS

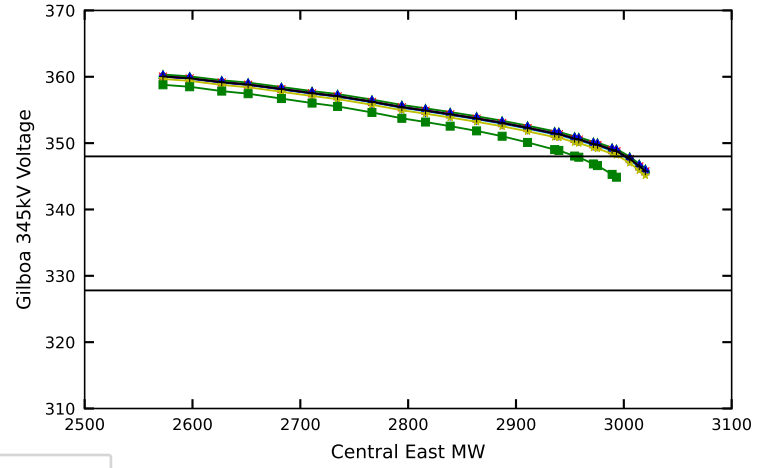
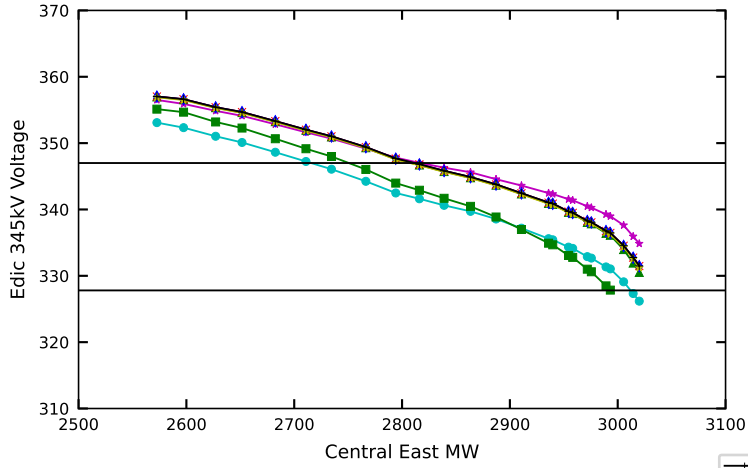
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
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Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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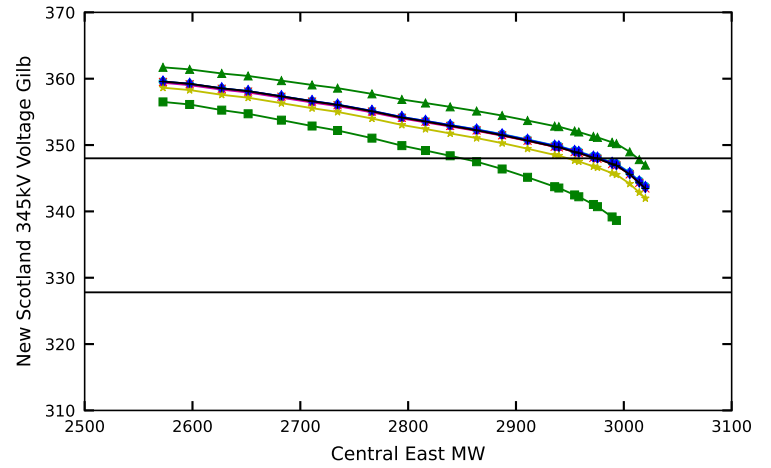
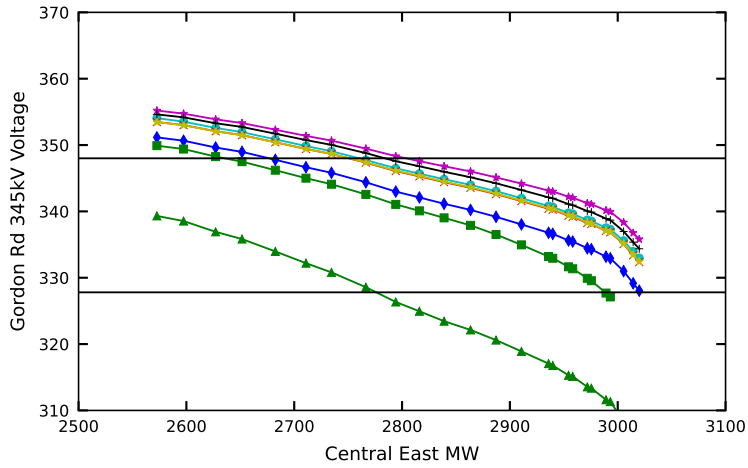
1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_05 Figure 1



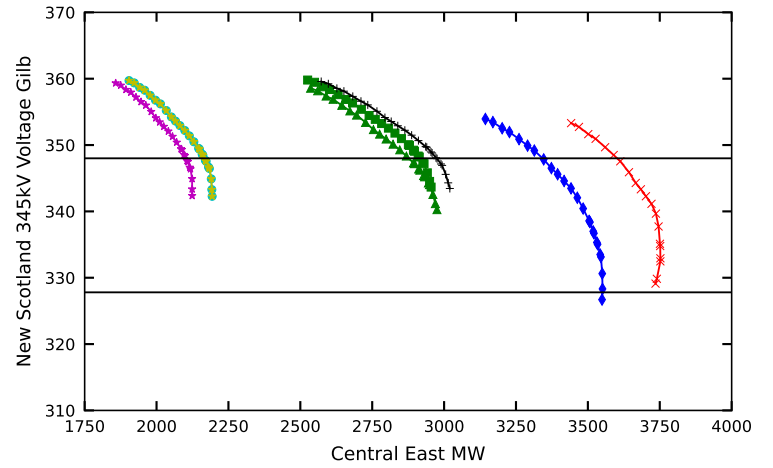
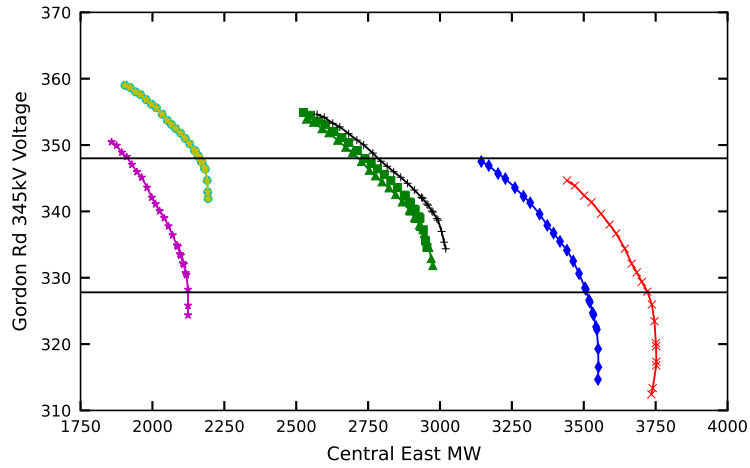
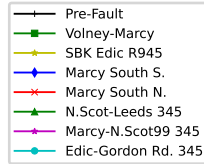
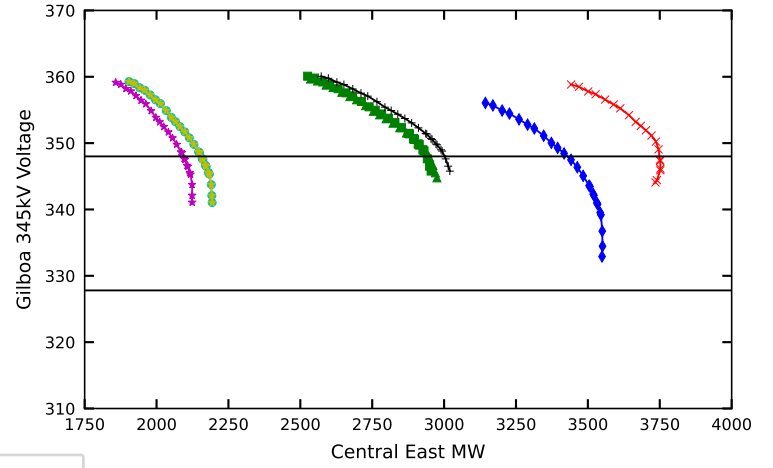
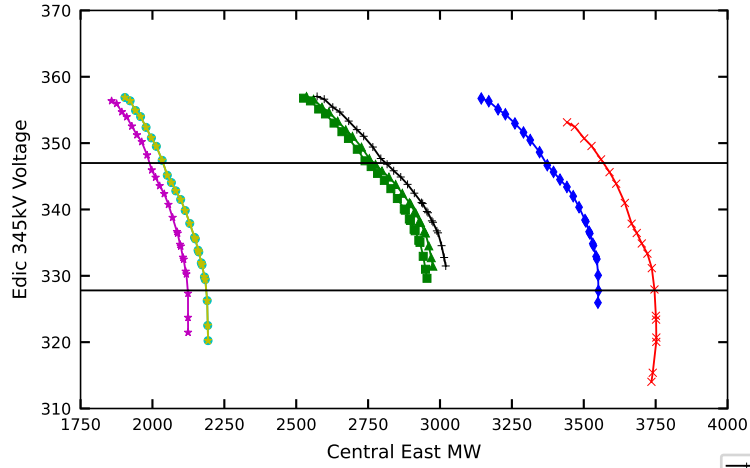
1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_05 Figure 2



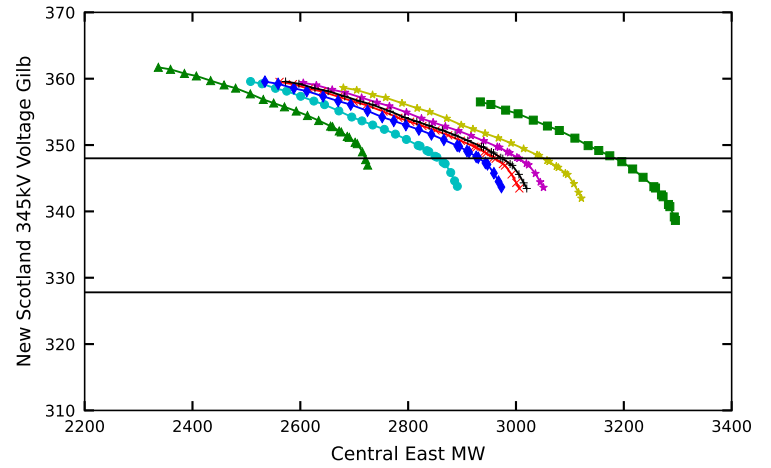
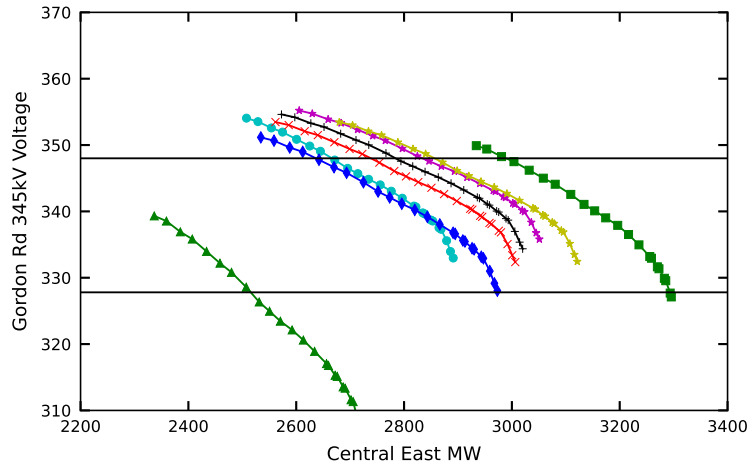
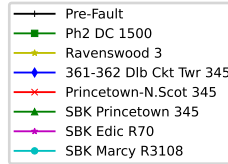
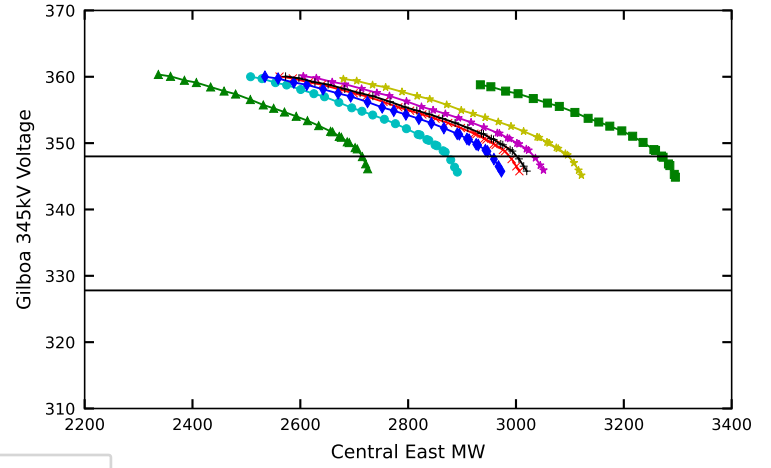
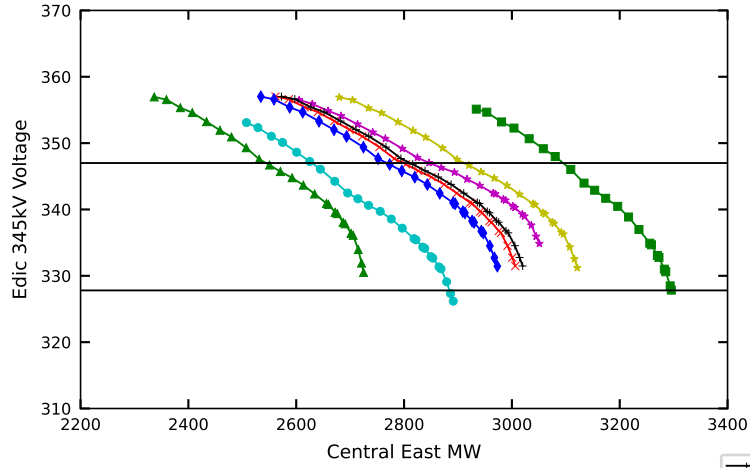
- Pre-Fault
- Ph2 DC 1500
- ▲ Ravenswood 3
- ◆ 361-362 Dlb Ckt Twr 345
- × Princetown-N.Scot 345
- ▲ SBK Princetown 345
- ◆ SBK Edic R70
- SBK Marcy R3108



1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_05 Figure 1



1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2572	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2597	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2627	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2651	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2682	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2710	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2734	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2766	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2794	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2816	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2838	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2863	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2887	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2910	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2935	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
2939	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
2954	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7															
2958	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8															
2971	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9															
2975	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2989	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2993	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
3005	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	3															
3014	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	4															
3019	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\4O\30_OS\Sum2023_CEVC_PH2_4O_30_OS.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 4O 30_OS

Interface: Central East

Twr 345																												
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens wood 3																												
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph2 DC																												
1500																												

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2476 <E	Dunwoodie 345kV Voltage	Pre-Fault	114.9	NA	348	2476
2488 <E	Sprain Brook 345kV Voltage	Pre-Fault	115.2	NA	348	2488
2776	Gordon Rd 345kV Voltage	SBK Princetown 345	12.4	327.8	348.4	2515
2784	Gordon Rd 345kV Voltage	Pre-Fault	22.7	NA	348	2784
2788	Marcy 345kV Voltage	Pre-Fault	15.8	NA	348	2788
2806	limit with 5% margin	Marcy South N.	NA	NA	NA	3564
2811	Edic 345kV Voltage	Pre-Fault	25.4	NA	347	2811
2827	Millwood 345kV Voltage	Pre-Fault	142.6	NA	348	2827
2843	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3130
2863	limit with 5% margin	Marcy South S.	NA	NA	NA	3373
2864	Gordon Rd 345kV Voltage	Marcy South N.	12.3	327.8	345.1	3722
2868	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2083
2868	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2017
2868	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2826
2868	limit with 5% margin	SBK Edic R945	NA	NA	NA	2083
2868	limit with 5% margin	Volney-Marcy	NA	NA	NA	2807
2868	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2746
2868	limit with 5% margin	SBK Edic R70	NA	NA	NA	2898
2868	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2588
2868	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2855
2868	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2824
2868	limit with 5% margin	Ravenswood 3	NA	NA	NA	2965
2911	Edic 345kV Voltage	Marcy South N.	6.3	327.8	342.4	3746
2912	Marcy 345kV Voltage	Marcy South N.	6.3	327.8	342.3	3746
2927	Buchanan North 345kV Voltage	Pre-Fault	77.0	NA	346	2927
2943	Gordon Rd 345kV Voltage	Marcy South S.	9.0	327.8	341.7	3510
2952	Oakdale 345kV Voltage	Marcy South N.	5.5	320	344.7	3752
2974	New Scotland 345kV Voltage Alps	Pre-Fault	26.8	NA	348	2974
2974	New Scotland 345kV Voltage Gilb	Pre-Fault	26.8	NA	348	2974
2988	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.3	327.8	339.0	3293
2990 >E	Clay 345kV Voltage	Marcy South N.	7.4	327.8	347.5	3754
2993 >E	Edic 345kV Voltage	Ph2 DC 1500	6.3	327.8	336.5	3295
2994 >E	Marcy 345kV Voltage	Ph2 DC 1500	6.3	327.8	336.3	3296
2995 >E	New Scotland 345kV Voltage Alps	Marcy South N.	7.9	327.8	347.0	3754
2995 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	7.9	327.8	347.0	3754
2996	Marcy 345kV Voltage	SBK Edic R945	3.8	327.8	335.8	2185
2996	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	335.8	2185
2998	Rock Tavern 345kV Voltage	Pre-Fault	11.7	NA	348	2998
2999	Edic 345kV Voltage	SBK Edic R945	3.9	327.8	335.5	2187
2999	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.9	327.8	335.5	2187

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\30_OS\Sum2023_CEVC_PH2_40_30_OS.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3001	Gilboa 345kV Voltage	Pre-Fault	10.5	NA	348	3001
3003	Edic 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	334.8	2122
3006	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.4	327.8	334.2	2123
3007	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	336.7	2123
3007	Station 80 345kV Voltage	Pre-Fault	7.6	NA	346	3007
3007	Coopers Corners 345kV Voltage	SBK Edic R945	3.3	327.8	338.9	2190
3007	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	338.9	2190
3008	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	3.3	327.8	338.8	2123
3008	Pannell Road 345kV Voltage	Pre-Fault	7.0	NA	346	3008
3009	Pleasant Valley 345kV Voltage	Pre-Fault	14.2	NA	348	3009
3011	Edic 345kV Voltage	SBK Marcy R3108	5.0	327.8	333.2	2884
3012	Clay 345kV Voltage	Pre-Fault	6.9	NA	345	3012
3012	Fraser 345kV Voltage	Pre-Fault	4.8	NA	338	3012
3013	Coopers Corners 345kV Voltage	Pre-Fault	6.5	NA	338	3013
3014	Edic 345kV Voltage	Marcy South S.	3.8	327.8	332.8	3550
3014 >E	Marcy 345kV Voltage	Marcy South S.	3.8	327.8	332.5	3550
3015	Fraser 345kV Voltage	SBK Edic R945	2.7	327.8	337.5	2192
3015	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	337.5	2192
3016	Buchanan South 345kV Voltage	Pre-Fault	16.3	NA	346	3016
3016 >E	New Scotland 345kV Voltage Alps	Marcy South S.	3.8	327.8	344.0	3551
3016 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	3.8	327.8	344.0	3551
3016	Fraser 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	337.2	2123
3017	Oakdale 345kV Voltage	Pre-Fault	3.4	NA	335	3017
3021 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	334.1	2974
3023 >E	Oakdale 345kV Voltage	SBK Edic R945	2.2	320	333.2	2194
3023 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.2	320	333.2	2194
3024 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.3	320	333.0	2124
3027 >E	Edic 345kV Voltage	Volney-Marcy	4.1	327.8	329.8	2961
3028 >E	Marcy 345kV Voltage	Volney-Marcy	4.1	327.8	329.5	2962
3029 >E	Ramapo 500kV Voltage	Ph2 DC 1500	18.4	500	507.2	3314
3030 >E	Marcy 345kV Voltage	SBK Princetown 345	4.0	327.8	328.9	2731
3030 >E	Edic 345kV Voltage	SBK Princetown 345	4.0	327.8	329.0	2732
3034 >E	Edic 345kV Voltage	Ravenswood 3	4.2	327.8	328.2	3134
3034 >E	Marcy 345kV Voltage	Ravenswood 3	4.2	327.8	328.0	3134
3035 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	327.8	2990
3035 >E	Marcy 345kV Voltage	SBK Marcy R3108	4.4	327.8	327.8	2905
3035 >E	Marcy 345kV Voltage	SBK Edic R70	4.4	327.8	327.8	3067
3035 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	4.4	327.8	327.8	3021
3035 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	327.8	327.8	2987

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3036 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	327.8	327.8	2988
3036 >E	Edic 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	327.8	2990
3036 >E	Edic 345kV Voltage	Princeton-N.Scot 345	4.4	327.8	327.8	3022
3040 >E	Gilboa 345kV Voltage	Marcy South S.	3.9	327.8	343.3	3553
3041 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	330.5	2996
3044 >E	Clay 345kV Voltage	SBK Edic R945	3.3	327.8	340.1	2198
3044 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	340.1	2198
3045 >E	Gordon Rd 345kV Voltage	Ravenswood 3	5.4	327.8	330.0	3144
3045 >E	Gordon Rd 345kV Voltage	Princeton-N.Scot 345	5.5	327.8	330.0	3031
3048 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	3.4	327.8	339.5	2124
3049 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	5.8	327.8	329.1	2918
3050 >E	Ramapo 345kV Voltage	Pre-Fault	17.1	NA	346	3050
3052 >E	Coopers Corners 345kV Voltage	Ravenswood 3	5.5	327.8	332.2	3151
3054 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.4	320	324.1	2922
3056 >E	Edic 345kV Voltage	SBK Edic R70	5.2	327.8	323.2	3089
3057 >E	Gordon Rd 345kV Voltage	Volney-Marcy	5.6	327.8	327.7	2989
3059 >E	Oakdale 345kV Voltage	Volney-Marcy	3.3	320	322.7	2990
3059 >E	Fraser 345kV Voltage	Princeton-N.Scot 345	4.6	327.8	327.8	3045
3059 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	327.8	3014
3059 >E	Fraser 345kV Voltage	Volney-Marcy	4.6	327.8	327.8	2991
3059 >E	Fraser 345kV Voltage	SBK Marcy R3108	4.6	327.8	327.8	2927
3059 >E	Fraser 345kV Voltage	SBK Edic R70	4.6	327.8	327.8	3093
3059 >E	Fraser 345kV Voltage	SBK Princeton 345	4.6	327.8	327.8	2751
3059 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	327.8	3011
3059 >E	Fraser 345kV Voltage	Ravenswood 3	4.6	327.8	327.8	3158
3060 >E	Oakdale 345kV Voltage	SBK Princeton 345	3.3	320	322.1	2752
3061 >E	Oakdale 345kV Voltage	Ravenswood 3	3.3	320	321.9	3160
3061 >E	Fraser 345kV Voltage	Marcy South S.	4.8	327.8	327.8	3555
3064 >E	Coopers Corners 345kV Voltage	SBK Princeton 345	6.2	327.8	330.3	2754
3066 >E	Fraser 345kV Voltage	Ph2 DC 1500	6.1	327.8	334.8	3333
3067 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	3.4	320	320.3	3018
3067 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.4	320	320.2	3021
3067 >E	Gordon Rd 345kV Voltage	SBK Edic R70	6.0	327.8	326.0	3101
3067 >E	Oakdale 345kV Voltage	Princeton-N.Scot 345	3.4	320	320.1	3053
3069 >E	St.Lawrence 230kV Voltage	Pre-Fault	15.2	NA	225	3069
3070 >E	Oakdale 345kV Voltage	SBK Edic R70	3.5	320	319.1	3104
3072 >E	Ladentown 345kV Voltage	Pre-Fault	16.8	NA	346	3072
3072 >E	Oakdale 345kV Voltage	Ph2 DC 1500	6.1	320	332.5	3336

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3074 >E	Pannell Road 345kV Voltage	SBK Edic R945	4.6	327.8	337.3	2203
3074 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	4.6	327.8	337.3	2203
3075 >E	Coopers Corners 345kV Voltage	SBK Edic R70	6.6	327.8	328.7	3109
3076 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	7.7	327.8	342.5	3338
3076 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	7.7	327.8	342.5	3338
3076 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	6.6	327.8	328.5	3030
3077 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	4.7	327.8	336.9	2125
3078 >E	Pannell Road 345kV Voltage	Marcy South N.	11.8	327.8	344.3	3758
3078 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	6.6	327.8	328.2	3029
3079 >E	Ramapo 500kV Voltage	Ravenswood 3	23.8	500	505.6	3177
3080 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	6.6	327.8	327.9	3066
3081 >E	Leeds 345kV Voltage	Pre-Fault	8.2	NA	345	3081
3082 >E	Leeds 345kV Voltage	Marcy South S.	4.8	327.8	345.6	3557
3084 >E	Coopers Corners 345kV Voltage	Volney-Marcy	6.6	327.8	327.4	3013
3084 >E	Oakdale 345kV Voltage	Marcy South S.	4.2	320	319.1	3558
3085 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	16.0	500	505.4	2125
3086 >E	Station 80 345kV Voltage	SBK Edic R945	5.3	327.8	336.2	2206
3086 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	336.2	2206
3087 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	9.7	327.8	336.4	3343
3088 >E	Roseton 345kV Voltage	Pre-Fault	13.5	NA	345	3088
3089 >E	Ramapo 500kV Voltage	SBK Edic R945	16.4	500	505.3	2206
3089 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	16.4	500	505.3	2206
3089 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	5.3	327.8	335.9	2125
3091 >E	Gilboa 345kV Voltage	SBK Edic R945	5.4	327.8	336.4	2207
3091 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	336.4	2207
3091 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	5.4	327.8	336.4	2126
3097 >E	Clay 345kV Voltage	Marcy South S.	5.7	327.8	332.8	3559
3097 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	6.2	327.8	331.8	3051
3097 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	6.2	327.8	331.8	3051
3099 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	7.0	327.8	325.0	2963
3099 >E	St.Lawrence 230kV Voltage	SBK Edic R945	10.0	218.5	223.0	2208
3099 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	10.0	218.5	223.0	2208
3100 >E	Gordon Rd 345kV Voltage	SBK Edic R945	5.7	327.8	320.2	2208
3100 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	5.7	327.8	320.2	2208
3100 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	5.6	327.8	331.4	2208
3100 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	5.6	327.8	331.4	2208
3100 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	5.6	327.8	331.4	2208
3100 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	5.6	327.8	331.4	2208
3102 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	5.7	327.8	331.1	2126
3102 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	5.7	327.8	331.1	2126

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3104 >E	Clay 345kV Voltage	SBK Marcy R3108	6.9	327.8	330.9	2967
3106 >E	Clay 345kV Voltage	Ph2 DC 1500	8.3	327.8	340.8	3353
3107 >E	Station 80 345kV Voltage	Marcy South N.	12.7	327.8	342.4	3759
3108 >E	Clay 345kV Voltage	Volney-Marcy	6.3	327.8	330.2	3036
3110 >E	Clay 345kV Voltage	SBK Princetown 345	6.0	327.8	329.9	2785
3110 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	6.4	327.8	329.9	3206
3110 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	6.4	327.8	329.9	3206
3114 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	6.9	327.8	338.6	2211
3114 >E	Rock Tavern 345kV Voltage	SBK Edic R945	6.9	327.8	338.6	2211
3115 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	6.8	327.8	338.5	2126
3115 >E	Clay 345kV Voltage	Ravenswood 3	6.2	327.8	329.1	3211
3117 >E	Bowline 1 345kV Voltage	Pre-Fault	16.9	NA	345	3117
3117 >E	Pannell Road 345kV Voltage	Marcy South S.	6.4	327.8	330.5	3561
3118 >E	Dunwoodie 345kV Voltage	Ravenswood 3	14.1	327.8	336.1	3213
3118 >E	Sprain Brook 345kV Voltage	Ravenswood 3	14.0	327.8	336.1	3214
3121 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	11.8	218.5	221.6	2126
3123 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	6.5	327.8	327.9	3072
3123 >E	Clay 345kV Voltage	N.Scot-Leeds 345	6.5	327.8	327.9	3076
3123 >E	Clay 345kV Voltage	Princetown-N.Scot 345	6.5	327.8	327.8	3109
3124 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	6.7	327.8	327.8	3109
3124 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	6.7	327.8	327.8	3109
3125 >E	Bowline 2 345kV Voltage	Pre-Fault	16.9	NA	345	3125
3125 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	6.6	327.8	327.7	3051
3125 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	6.6	327.8	327.7	3051
3126 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	6.7	327.8	327.5	3075
3126 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	6.7	327.8	327.5	3075
3127 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	6.8	327.8	327.3	3164
3127 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	6.8	327.8	327.3	3164
3129 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	6.9	327.8	327.0	2990
3129 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	6.9	327.8	327.0	2990
3129 >E	Station 80 345kV Voltage	Marcy South S.	7.0	327.8	329.8	3562
3134 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	7.8	327.8	329.3	2994
3135 >E	Pannell Road 345kV Voltage	Ravenswood 3	7.3	327.8	329.2	3230
3136 >E	Pannell Road 345kV Voltage	Volney-Marcy	7.4	327.8	329.1	3061
3136 >E	Pannell Road 345kV Voltage	SBK Princetown 345	7.2	327.8	329.1	2802
3137 >E	Pleasant Valley 345kV Voltage	Marcy South S.	9.0	327.8	339.0	3563
3141 >E	St.Lawrence 230kV Voltage	Marcy South S.	12.9	218.5	220.1	3563
3142 >E	Fraser 345kV Voltage	Marcy South N.	10.9	327.8	327.8	3761

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3142 >E	Clay 345kV Voltage	SBK Edic R70	7.1	327.8	325.0	3180
3143 >E	Buchanan North 345kV Voltage	Ravenswood 3	12.9	327.8	336.0	3237
3144 >E	Station 80 345kV Voltage	Ravenswood 3	7.9	327.8	329.2	3238
3146 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	7.6	327.8	327.8	3094
3146 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	7.6	327.8	327.8	3098
3146 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	7.6	327.8	327.8	3131
3146 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	7.5	327.8	329.2	3098
3147 >E	Station 80 345kV Voltage	SBK Marcy R3108	8.4	327.8	328.9	3005
3147 >E	Station 80 345kV Voltage	SBK Princetown 345	7.9	327.8	328.8	2809
3147 >E	Station 80 345kV Voltage	Volney-Marcy	8.1	327.8	328.8	3071
3149 >E	Gilboa 345kV Voltage	Ravenswood 3	7.5	327.8	328.7	3243
3149 >E	Millwood 345kV Voltage	Ravenswood 3	13.0	327.8	336.1	3243
3151 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	6.9	327.8	323.8	2812
3151 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	6.9	327.8	323.8	2812
3152 >E	Rock Tavern 345kV Voltage	Ravenswood 3	9.1	327.8	335.5	3246
3155 >E	St.Lawrence 230kV Voltage	Volney-Marcy	14.7	218.5	219.4	3078
3155 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	8.2	327.8	327.8	3103
3155 >E	Gilboa 345kV Voltage	Ph2 DC 1500	9.5	327.8	341.0	3378
3155 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	8.2	327.8	327.8	3140
3155 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	8.2	327.8	327.8	3107
3156 >E	Gilboa 345kV Voltage	SBK Marcy R3108	7.6	327.8	327.9	3014
3156 >E	Gilboa 345kV Voltage	Volney-Marcy	7.6	327.8	327.9	3080
3156 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	7.6	327.8	327.8	3104
3156 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	7.6	327.8	327.8	3141
3157 >E	Pannell Road 345kV Voltage	SBK Edic R70	8.0	327.8	326.3	3196
3157 >E	St.Lawrence 230kV Voltage	Ravenswood 3	14.6	218.5	219.2	3251
3158 >E	Gilboa 345kV Voltage	SBK Princetown 345	7.6	327.8	327.6	2816
3159 >E	Gilboa 345kV Voltage	SBK Edic R70	7.7	327.8	327.5	3197
3161 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	14.4	218.5	219.0	2818
3165 >E	Station 80 345kV Voltage	SBK Edic R70	8.6	327.8	326.6	3204
3168 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	15.2	218.5	218.5	3153
3169 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	15.2	218.5	218.5	3120
3169 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	15.2	218.5	218.5	3116
3171 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	17.6	218.5	218.3	3028
3172 >E	Buchanan South 345kV Voltage	Ravenswood 3	12.8	327.8	336.4	3265
3173 >E	Buchanan North 345kV Voltage	SBK Edic R945	11.3	327.8	334.2	2222
3173 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	11.3	327.8	334.2	2222

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3173 >E	St.Lawrence 230kV Voltage	SBK Edic R70	15.8	218.5	218.1	3213
3174 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	11.3	327.8	334.1	2128
3184 >E	Gilboa 345kV Voltage	Marcy South N.	12.5	327.8	339.8	3763
3198 >E	Ramapo 500kV Voltage	Marcy South S.	28.8	500	503.6	3569
3199 >E	St.Lawrence 230kV Voltage	Marcy South N.	26.4	218.5	224.7	3764
3202 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	13.6	327.8	331.3	2228
3202 >E	Sprain Brook 345kV Voltage	SBK Edic R945	13.6	327.8	331.3	2228
3202 >E	Somerset 345kV Voltage	Marcy South S.	7.9	327.8	328.9	3570
3203 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	13.8	327.8	331.3	2228
3203 >E	Dunwoodie 345kV Voltage	SBK Edic R945	13.8	327.8	331.3	2228
3204 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	11.4	327.8	332.6	3294
3204 >E	Ramapo 345kV Voltage	SBK Edic R945	10.6	327.8	337.0	2228
3204 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	10.6	327.8	337.0	2228
3205 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	13.6	327.8	331.2	2129
3205 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	13.9	327.8	339.7	3404
3205 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	10.6	327.8	337.0	2129
3206 >E	Leeds 345kV Voltage	Marcy South N.	11.2	327.8	348.9	3764
3206 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	13.8	327.8	331.1	2129
3210 >E	Millwood 345kV Voltage	SBK Edic R945	12.2	327.8	332.4	2229
3210 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	12.2	327.8	332.3	2229
3213 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	12.2	327.8	332.2	2129
3214 >E	Buchanan South 345kV Voltage	SBK Edic R945	11.6	327.8	333.8	2230
3214 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	11.6	327.8	333.8	2230
3215 >E	Ramapo 345kV Voltage	Ravenswood 3	12.8	327.8	336.4	3305
3216 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	11.6	327.8	333.7	2129
3222 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	8.2	327.8	327.8	2232
3222 >E	Leeds 345kV Voltage	Volney-Marcy	8.2	327.8	327.8	3140
3222 >E	Leeds 345kV Voltage	SBK Edic R70	8.2	327.8	327.8	3265
3222 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	8.2	327.8	327.8	3173
3222 >E	Leeds 345kV Voltage	SBK Marcy R3108	8.2	327.8	327.8	3074
3222 >E	Leeds 345kV Voltage	Princeton-N.Scot 345	8.2	327.8	327.8	3207
3222 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	8.2	327.8	327.8	3168
3222 >E	Leeds 345kV Voltage	Ravenswood 3	8.2	327.8	327.8	3312
3222 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	8.2	327.8	327.8	2129
3222 >E	Leeds 345kV Voltage	SBK Edic R945	8.2	327.8	327.8	2232
3222 >E	Leeds 345kV Voltage	SBK Princeton 345	8.2	327.8	327.8	2859
3225 >E	Ladentown 345kV Voltage	Ravenswood 3	12.8	327.8	336.9	3314
3226 >E	Dunwoodie 345kV Voltage	Marcy South S.	15.8	327.8	331.3	3572
3227 >E	Ladentown 345kV Voltage	SBK Edic R945	10.8	327.8	336.8	2233
3227 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	10.8	327.8	336.8	2233

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3227 >E	Sprain Brook 345kV Voltage	Marcy South S.	15.7	327.8	331.2	3572
3227 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	336.8	2129
3230 >E	Millwood 345kV Voltage	Marcy South S.	13.8	327.8	332.2	3573
3231 >E	Ramapo 500kV Voltage	SBK Princetown 345	30.6	500	501.0	2865
3233 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	11.9	327.8	329.0	2866
3234 >E	Roseton 345kV Voltage	SBK Edic R945	10.2	327.8	334.2	2234
3234 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	10.2	327.8	334.2	2234
3235 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	10.9	327.8	330.2	2234
3235 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	10.9	327.8	330.2	2234
3236 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	10.2	327.8	334.1	2130
3236 >E	Somerset 345kV Voltage	Pre-Fault	16.1	NA	338	3236
3239 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	11.0	327.8	329.9	2130
3241 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	12.2	327.8	328.3	3191
3242 >E	Roseton 345kV Voltage	Ravenswood 3	11.6	327.8	333.6	3331
3244 >E	Rock Tavern 345kV Voltage	SBK Edic R70	12.3	327.8	328.1	3287
3244 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	10.9	327.8	337.5	2236
3244 >E	Bowline 1 345kV Voltage	SBK Edic R945	10.9	327.8	337.5	2236
3244 >E	Station 80 345kV Voltage	Ph2 DC 1500	16.4	327.8	339.3	3424
3245 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	337.4	2130
3245 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	12.3	327.8	328.0	3190
3246 >E	Bowline 1 345kV Voltage	Ravenswood 3	12.8	327.8	337.4	3334
3246 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	10.5	327.8	337.4	2237
3246 >E	Somerset 345kV Voltage	SBK Edic R945	10.5	327.8	337.4	2237
3247 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	12.3	327.8	327.9	3230
3248 >E	Leeds 345kV Voltage	Ph2 DC 1500	10.2	327.8	347.1	3426
3249 >E	Bowline 2 345kV Voltage	SBK Edic R945	10.9	327.8	337.6	2237
3249 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	10.9	327.8	337.6	2237
3250 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	10.6	327.8	337.2	2130
3250 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	337.6	2130
3251 >E	Rock Tavern 345kV Voltage	Volney-Marcy	12.3	327.8	327.5	3166
3252 >E	Bowline 2 345kV Voltage	Ravenswood 3	12.8	327.8	337.5	3340
3253 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	32.6	500	500.4	3202
3253 >E	Ramapo 500kV Voltage	Volney-Marcy	32.3	500	500.4	3168
3253 >E	Niagara 345kV Voltage	Marcy South S.	8.2	327.8	328.2	3575
3256 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	12.4	327.8	328.5	3205
3258 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	17.3	327.8	328.1	3207
3258 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	17.5	327.8	328.1	3207
3260 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	33.0	500	500.2	3204
3262 >E	Ramapo 500kV Voltage	SBK Marcy R3108	33.5	500	500.1	3110

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3262 >E	Sprain Brook 345kV Voltage	SBK Edic R70	17.6	327.8	327.9	3307
3263 >E	Dunwoodie 345kV Voltage	SBK Edic R70	17.7	327.8	327.9	3307
3264 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	33.2	500	500.0	3247
3264 >E	Sprain Brook 345kV Voltage	Princeton-N.Scot 345	17.5	327.8	327.8	3247
3264 >E	Dunwoodie 345kV Voltage	Princeton-N.Scot 345	17.7	327.8	327.8	3248
3264 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	17.5	327.8	327.8	3208
3264 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	17.7	327.8	327.8	3208
3265 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	12.7	327.8	327.8	3309
3265 >E	Pleasant Valley 345kV Voltage	Princeton-N.Scot 345	12.6	327.8	327.8	3249
3265 >E	Ramapo 500kV Voltage	Pre-Fault	33.3	NA	500	3265
3266 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	12.6	327.8	327.7	3210
3267 >E	Ramapo 500kV Voltage	SBK Edic R70	33.8	500	499.9	3312
3268 >E	Sprain Brook 345kV Voltage	SBK Princeton 345	17.4	327.8	327.6	2889
3268 >E	Dunwoodie 345kV Voltage	SBK Princeton 345	17.6	327.8	327.6	2889
3268 >E	Sprain Brook 345kV Voltage	Volney-Marcy	17.6	327.8	327.5	3182
3268 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	12.7	327.8	327.5	3182
3269 >E	Dunwoodie 345kV Voltage	Volney-Marcy	17.7	327.8	327.5	3183
3270 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	12.9	327.8	326.0	3117
3273 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	16.6	327.8	328.2	3222
3274 >E	Buchanan North 345kV Voltage	SBK Princeton 345	16.4	327.8	328.2	2893
3275 >E	Pleasant Valley 345kV Voltage	SBK Princeton 345	12.7	327.8	327.0	2894
3275 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	12.9	327.8	327.0	3122
3276 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	15.9	327.8	328.2	3225
3278 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	18.0	327.8	327.0	3125
3279 >E	Buchanan North 345kV Voltage	SBK Edic R70	16.8	327.8	327.9	3324
3279 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	18.2	327.8	327.0	3125
3279 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	16.7	327.8	327.9	3223
3280 >E	Buchanan North 345kV Voltage	Princeton-N.Scot 345	16.8	327.8	327.8	3263
3281 >E	Roseton 345kV Voltage	Marcy South S.	12.5	327.8	334.3	3578
3281 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	31.3	218.5	225.6	3443
3282 >E	Millwood 345kV Voltage	SBK Edic R70	16.2	327.8	327.9	3328
3283 >E	Buchanan North 345kV Voltage	Volney-Marcy	16.8	327.8	327.6	3196
3283 >E	Millwood 345kV Voltage	Princeton-N.Scot 345	16.1	327.8	327.8	3267
3283 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	16.1	327.8	327.8	3227
3284 >E	Buchanan South 345kV Voltage	Marcy South S.	14.6	327.8	330.9	3578
3286 >E	Millwood 345kV Voltage	SBK Princeton 345	16.0	327.8	327.6	2901

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3288 >E	Millwood 345kV Voltage	Volney-Marcy	16.2	327.8	327.5	3200
3296 >E	Watercure 230kV Voltage	SBK Edic R945	13.3	207	227.3	2246
3296 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	13.3	207	227.3	2246
3296 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	13.3	207	227.3	2132
3297 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	17.4	327.8	326.8	3142
3299 >E	Millwood 345kV Voltage	SBK Marcy R3108	16.6	327.8	326.8	3143
3304 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	16.0	327.8	328.3	3252
3310 >E	Buchanan South 345kV Voltage	SBK Edic R70	16.3	327.8	327.9	3358
3311 >E	Buchanan South 345kV Voltage	SBK Princetown 345	16.0	327.8	327.9	2917
3311 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	16.5	327.8	342.5	3458
3311 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	16.2	327.8	327.8	3254
3312 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	16.2	327.8	327.8	3295
3315 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	13.4	327.8	328.2	3263
3316 >E	Buchanan South 345kV Voltage	Volney-Marcy	16.3	327.8	327.6	3226
3317 >E	Buchanan North 345kV Voltage	Marcy South S.	17.1	327.8	327.6	3582
3320 >E	Roseton 345kV Voltage	SBK Edic R70	13.6	327.8	327.9	3368
3320 >E	Roseton 345kV Voltage	SBK Princetown 345	13.4	327.8	327.9	2923
3321 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	13.5	327.8	327.8	3263
3321 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	13.5	327.8	327.8	3304
3324 >E	Roseton 345kV Voltage	Volney-Marcy	13.6	327.8	327.6	3234
3324 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	22.3	327.8	339.9	3465
3329 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	16.8	327.8	326.7	3170
3335 >E	Roseton 345kV Voltage	SBK Marcy R3108	13.9	327.8	326.8	3176
3341 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	18.5	327.8	341.6	3473
3347 >E	Pleasant Valley 345kV Voltage	Marcy South N.	20.7	327.8	340.5	3771
3349 >E	Ramapo 345kV Voltage	SBK Princetown 345	16.6	327.8	328.5	2943
3353 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	16.9	327.8	328.3	3300
3360 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	17.0	327.8	327.9	3300
3360 >E	Ramapo 345kV Voltage	SBK Edic R70	17.1	327.8	327.9	3410
3361 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	17.1	327.8	327.8	3344
3365 >E	Ramapo 345kV Voltage	Volney-Marcy	17.1	327.8	327.6	3271
3368 >E	Ladentown 345kV Voltage	SBK Princetown 345	16.4	327.8	328.4	2956
3369 >E	Millwood 345kV Voltage	Ph2 DC 1500	22.6	327.8	340.7	3488
3370 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	16.6	327.8	328.3	3316
3371 >E	Somerset 345kV Voltage	Ravenswood 3	15.4	327.8	329.6	3452
3371 >E	Coopers Corners 345kV Voltage	Marcy South N.	16.0	327.8	312.5	3772
3377 >E	Ladentown 345kV Voltage	SBK Edic R70	16.9	327.8	327.9	3428
3377 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr	16.8	327.8	327.9	3317

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3378 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	16.8	327.8	327.8	3360
3382 >E	Ladentown 345kV Voltage	Volney-Marcy	16.8	327.8	327.6	3286
3385 >E	Ph2 DC 1500	Ph2 DC 1500	22.0	327.8	341.7	3496
3385 >E	Ramapo 345kV Voltage	SBK Marcy R3108	17.8	327.8	326.4	3221
3385 >E	Somerset 345kV Voltage	SBK Princetown 345	15.5	327.8	328.8	2967
3389 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	27.2	327.8	339.0	3498
3392 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	27.5	327.8	339.0	3499
3393 >E	Somerset 345kV Voltage	Volney-Marcy	16.0	327.8	328.3	3296
3397 >E	Bowline 1 345kV Voltage	SBK Princetown 345	16.5	327.8	328.4	2975
3399 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	16.7	327.8	328.3	3345
3401 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	16.1	327.8	327.8	3383
3401 >E	Ladentown 345kV Voltage	SBK Marcy R3108	17.5	327.8	326.5	3235
3401 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr	16.1	327.8	327.8	3340
		345				
3401 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	16.1	327.8	327.8	3347
3405 >E	Bowline 2 345kV Voltage	SBK Princetown 345	16.5	327.8	328.5	2980
3406 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr	16.9	327.8	327.9	3345
		345				
3406 >E	Bowline 1 345kV Voltage	SBK Edic R70	17.0	327.8	327.9	3459
3406 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	16.7	327.8	328.4	3352
3407 >E	Somerset 345kV Voltage	SBK Marcy R3108	16.7	327.8	327.4	3241
3407 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	16.9	327.8	327.8	3390
3411 >E	Bowline 1 345kV Voltage	Volney-Marcy	16.9	327.8	327.6	3313
3414 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr	16.9	327.8	327.9	3352
		345				
3414 >E	Bowline 2 345kV Voltage	SBK Edic R70	17.0	327.8	327.9	3467
3415 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	16.9	327.8	327.8	3397
3416 >E	Ramapo 345kV Voltage	Ph2 DC 1500	22.0	327.8	343.0	3512
3419 >E	Somerset 345kV Voltage	SBK Edic R70	16.8	327.8	326.7	3472
3419 >E	Bowline 2 345kV Voltage	Volney-Marcy	16.9	327.8	327.6	3320
3422 >E	Ladentown 345kV Voltage	Marcy South S.	17.0	327.8	327.1	3592
3423 >E	Rock Tavern 345kV Voltage	Marcy South S.	15.5	327.8	314.6	3592
3432 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	17.6	327.8	326.4	3264
3438 >E	Ladentown 345kV Voltage	Ph2 DC 1500	21.6	327.8	343.9	3523
3440 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	17.6	327.8	326.4	3271
3451 >E	Bowline 1 345kV Voltage	Marcy South S.	17.1	327.8	327.1	3595
3452 >E	Ramapo 345kV Voltage	Marcy South S.	18.7	327.8	324.8	3595
3454 >E	Bowline 2 345kV Voltage	Marcy South S.	16.9	327.8	327.2	3596
3463 >E	Niagara 230kV East Voltage	Marcy South S.	29.7	218.5	218.8	3596
3463 >E	Niagara 230kV West Voltage	Marcy South S.	29.7	218.5	218.8	3596

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3464 >E	Roseton 345kV Voltage	Ph2 DC 1500	21.0	327.8	344.2	3536
3472 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	21.6	327.8	345.0	3541
3482 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	21.6	327.8	345.3	3546
3505 >E	Somerset 345kV Voltage	Marcy South N.	25.4	327.8	343.2	3779
3541 >E	Millwood 345kV Voltage	Marcy South N.	32.0	327.8	334.4	3781
3548 >E	Dunwoodie 345kV Voltage	Marcy South N.	37.5	327.8	333.2	3781
3552 >E	Sprain Brook 345kV Voltage	Marcy South N.	37.4	327.8	333.1	3781
3558 >E	Coopers Corners 345kV Voltage	Marcy South S.	15.2	327.8	253.5	3606
3608 >E	Roseton 345kV Voltage	Marcy South N.	27.0	327.8	337.5	3784
3609 >E	Watercure 230kV Voltage	Marcy South N.	43.0	207	241.3	3784
3622 >E	Ramapo 500kV Voltage	Marcy South N.	93.4	500	507.6	3785
3637 >E	Buchanan South 345kV Voltage	Marcy South N.	33.5	327.8	333.8	3786
3638 >E	Rock Tavern 345kV Voltage	Marcy South N.	26.9	327.8	325.3	3786
3658 >E	Buchanan North 345kV Voltage	Marcy South N.	37.7	327.8	331.2	3787
3674 >E	Somerset 345kV Voltage	Ph2 DC 1500	30.1	327.8	341.5	3644
3690 >E	Niagara 345kV Voltage	SBK Edic R945	23.8	327.8	339.0	2322
3690 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	23.8	327.8	339.0	2322
3696 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	24.0	327.8	338.8	2143
3727 >E	Niagara 345kV Voltage	Pre-Fault	37.6	NA	338	3727
3738 >E	Rainey 345kV Voltage	Ravenswood 3	37.6	327.8	342.5	3798
3786 >E	Farragut 345kV Voltage	Ravenswood 3	39.7	327.8	341.8	3843
3874 >E	Ladentown 345kV Voltage	Marcy South N.	37.3	327.8	331.6	3797
3888 >E	Ramapo 345kV Voltage	Marcy South N.	39.4	327.8	329.7	3798
3940 >E	Bowline 1 345kV Voltage	Marcy South N.	37.5	327.8	331.7	3801
3954 >E	Bowline 2 345kV Voltage	Marcy South N.	37.4	327.8	331.8	3801
3960 >E	Niagara 230kV East Voltage	SBK Edic R945	63.9	218.5	225.1	2374
3960 >E	Niagara 230kV West Voltage	SBK Edic R945	63.9	218.5	225.1	2374
3960 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	63.9	218.5	225.1	2374
3960 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	63.9	218.5	225.1	2374
3967 >E	Watercure 230kV Voltage	Pre-Fault	54.7	NA	215	3967
3969 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	64.4	218.5	225.0	2151
3969 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	64.4	218.5	225.0	2151
3970 >E	Niagara 230kV East Voltage	Pre-Fault	110.2	NA	225	3970
3970 >E	Niagara 230kV West Voltage	Pre-Fault	110.2	NA	225	3970
4032 >E	Rainey 345kV Voltage	Pre-Fault	65.2	NA	338	4032
4035 >E	Niagara 345kV Voltage	Ravenswood 3	35.6	327.8	329.8	4077
4047 >E	Farragut 345kV Voltage	Pre-Fault	68.3	NA	338	4047
4061 >E	Watercure 230kV Voltage	Ravenswood 3	43.0	207	213.3	4102
4070 >E	Niagara 345kV Voltage	SBK Princetown 345	36.3	327.8	328.9	3420
4099 >E	Niagara 345kV Voltage	Volney-Marcy	37.3	327.8	328.1	3944
4111 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	37.6	327.8	327.8	4086

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4112 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	37.7	327.8	327.7	4025
4112 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	37.7	327.8	327.7	4041
4138 >E	Goethals 345kV Voltage	Ravenswood 3	53.8	327.8	340.9	4174
4147 >E	Watercure 230kV Voltage	SBK Princetown 345	45.5	207	211.7	3472
4159 >E	Niagara 345kV Voltage	SBK Edic R70	39.3	327.8	326.5	4254
4163 >E	Niagara 345kV Voltage	SBK Marcy R3108	39.5	327.8	326.4	3923
4205 >E	Rainey 345kV Voltage	Marcy South S.	46.5	327.8	332.5	3673
4210 >E	Watercure 230kV Voltage	Volney-Marcy	48.8	207	210.6	4045
4217 >E	Farragut 345kV Voltage	Marcy South S.	47.9	327.8	332.3	3674
4279 >E	Rainey 345kV Voltage	SBK Edic R945	49.3	327.8	334.2	2435
4280 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	49.3	327.8	334.2	2435
4282 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	49.3	327.8	334.2	2160
4291 >E	Watercure 230kV Voltage	SBK Marcy R3108	53.2	207	209.1	4039
4312 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	51.5	327.8	334.1	2441
4312 >E	Farragut 345kV Voltage	SBK Edic R945	51.5	327.8	334.1	2441
4314 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	51.5	327.8	334.1	2161
4389 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	54.3	207	207.3	4292
4400 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	54.6	207	207.1	4372
4403 >E	Goethals 345kV Voltage	Pre-Fault	92.6	NA	338	4403
4408 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	54.9	207	206.9	4329
4454 >E	Gardenville 230kV Voltage	Marcy South S.	51.6	207	208.4	3698
4555 >E	Niagara 230kV East Voltage	Ravenswood 3	103.1	218.5	219.7	4567
4555 >E	Niagara 230kV West Voltage	Ravenswood 3	103.1	218.5	219.7	4567
4611 >E	Niagara 230kV East Voltage	SBK Princetown 345	105.4	218.5	219.2	3779
4611 >E	Niagara 230kV West Voltage	SBK Princetown 345	105.4	218.5	219.2	3779
4631 >E	Watercure 230kV Voltage	SBK Edic R70	63.3	207	202.9	4752
4653 >E	Goethals 345kV Voltage	Marcy South S.	65.4	327.8	331.7	3719
4663 >E	Rainey 345kV Voltage	SBK Princetown 345	63.6	327.8	328.3	3813
4667 >E	Niagara 230kV East Voltage	Volney-Marcy	109.1	218.5	218.7	4464
4667 >E	Niagara 230kV West Voltage	Volney-Marcy	109.1	218.5	218.7	4464
4678 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	64.6	327.8	328.1	4592
4686 >E	Rainey 345kV Voltage	Volney-Marcy	64.6	327.8	328.0	4481
4687 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	110.2	218.5	218.5	4655
4687 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	110.2	218.5	218.5	4655
4688 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	110.3	218.5	218.5	4579
4688 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	110.3	218.5	218.5	4579
4689 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	110.4	218.5	218.5	4603

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\30_OS\Sum2023_CEVC_PH2_40_30_OS.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4689 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	110.4	218.5	218.5	4603
4691 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	65.0	327.8	327.9	4583
4692 >E	Niagara 345kV Voltage	Marcy South N.	60.8	327.8	345.6	3838
4697 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	65.2	327.8	327.8	4665
4699 >E	Rainey 345kV Voltage	SBK Edic R70	65.3	327.8	327.8	4824
4706 >E	Farragut 345kV Voltage	SBK Princetown 345	66.5	327.8	328.4	3842
4725 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	67.7	327.8	328.1	4639
4729 >E	Farragut 345kV Voltage	Volney-Marcy	67.6	327.8	328.0	4521
4733 >E	Rainey 345kV Voltage	SBK Marcy R3108	66.2	327.8	327.3	4438
4738 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	68.0	327.8	327.9	4627
4743 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	68.3	327.8	327.8	4711
4746 >E	Farragut 345kV Voltage	SBK Edic R70	68.5	327.8	327.8	4874
4758 >E	Niagara 345kV Voltage	Ph2 DC 1500	61.5	327.8	343.0	4199
4773 >E	Niagara 230kV East Voltage	SBK Edic R70	116.1	218.5	217.7	4902
4773 >E	Niagara 230kV West Voltage	SBK Edic R70	116.1	218.5	217.7	4902
4778 >E	Farragut 345kV Voltage	SBK Marcy R3108	69.3	327.8	327.3	4479
4782 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	70.3	327.8	333.9	2175
4786 >E	Goethals 345kV Voltage	SBK Edic R945	70.6	327.8	333.9	2533
4787 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	70.7	327.8	333.9	2533
4787 >E	Niagara 230kV East Voltage	SBK Marcy R3108	117.0	218.5	217.6	4488
4787 >E	Niagara 230kV West Voltage	SBK Marcy R3108	117.0	218.5	217.6	4488
4976 >E	Gardenville 230kV Voltage	SBK Edic R945	71.6	207	228.8	2569
4976 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	71.6	207	228.8	2569
5007 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	72.6	207	228.7	2182
5081 >E	Rainey 345kV Voltage	Ph2 DC 1500	80.9	327.8	346.8	4364
5100 >E	Farragut 345kV Voltage	Ph2 DC 1500	83.3	327.8	346.4	4373
5244 >E	Niagara 230kV East Voltage	Ph2 DC 1500	151.0	218.5	226.5	4447
5244 >E	Niagara 230kV West Voltage	Ph2 DC 1500	151.0	218.5	226.5	4447
5247 >E	Goethals 345kV Voltage	SBK Princetown 345	88.4	327.8	328.9	4200
5287 >E	Goethals 345kV Voltage	Volney-Marcy	90.0	327.8	328.5	5032
5331 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	92.0	327.8	328.0	5199
5335 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	92.3	327.8	327.9	5233
5340 >E	Goethals 345kV Voltage	SBK Marcy R3108	92.0	327.8	327.9	4987
5343 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	92.5	327.8	327.8	5305
5353 >E	Goethals 345kV Voltage	SBK Edic R70	92.9	327.8	327.7	5514
5651 >E	Niagara 230kV East Voltage	Marcy South N.	182.9	218.5	229.6	3886
5651 >E	Niagara 230kV West Voltage	Marcy South N.	182.9	218.5	229.6	3886
5726 >E	Goethals 345kV Voltage	Ph2 DC 1500	108.7	327.8	346.6	4694

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6066 >E	Rainey 345kV Voltage	Marcy South N.	118.1	327.8	336.6	3906
6112 >E	Farragut 345kV Voltage	Marcy South N.	122.3	327.8	336.5	3909
6671 >E	Northport 138kV Voltage	Pre-Fault	414.7	NA	135	6671
6769 >E	Gardenville 230kV Voltage	Ph2 DC 1500	135.6	207	226.7	5228
7154 >E	Goethals 345kV Voltage	Marcy South N.	164.2	327.8	336.5	3960
7188 >E	Northport 138kV Voltage	Ravenswood 3	336.2	131.1	133.8	7048
7287 >E	Northport 138kV Voltage	SBK Edic R945	336.2	131.1	133.5	3014
7291 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	336.5	131.1	133.5	3015
7305 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	337.4	131.1	133.5	2249
7982 >E	Northport 138kV Voltage	Marcy South S.	391.7	131.1	133.4	4061
8233 >E	Northport 138kV Voltage	N.Scot-Leeds 345	410.5	131.1	131.2	8060
8276 >E	Northport 138kV Voltage	SBK Princetown 345	413.3	131.1	131.1	6207
8287 >E	Northport 138kV Voltage	SBK Edic R70	414.7	131.1	131.1	8612
8288 >E	Northport 138kV Voltage	Princetown-N.Scot 345	414.7	131.1	131.1	8219
8289 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	414.7	131.1	131.1	8047
8304 >E	Northport 138kV Voltage	Volney-Marcy	415.6	131.1	131.1	7797
8416 >E	Northport 138kV Voltage	SBK Marcy R3108	424.1	131.1	130.8	7766
8548 >E	Gardenville 230kV Voltage	Pre-Fault	302.0	NA	217	8548
9232 >E	Gardenville 230kV Voltage	Ravenswood 3	221.0	207	214.7	8973
10074 >E	Gardenville 230kV Voltage	SBK Princetown 345	250.8	207	211.9	7399
10509 >E	Northport 138kV Voltage	Ph2 DC 1500	595.3	131.1	141.5	7141
11056 >E	Gardenville 230kV Voltage	Volney-Marcy	285.3	207	208.7	10319
11580 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	302.5	207	207.0	11475
11589 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	303.0	207	206.9	11225
11638 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	304.7	207	206.8	11381
13173 >E	Gardenville 230kV Voltage	SBK Marcy R3108	361.4	207	201.7	12063
13456 >E	Gardenville 230kV Voltage	SBK Edic R70	368.5	207	200.7	14071
14628 >E	Northport 138kV Voltage	Marcy South N.	919.4	131.1	134.7	4332
37665 >E	Gardenville 230kV Voltage	Marcy South N.	1326.3	207	413.8	5477
46225	Watercure 230kV Voltage	Marcy South S.	1613.9	207	-54.0	7988

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

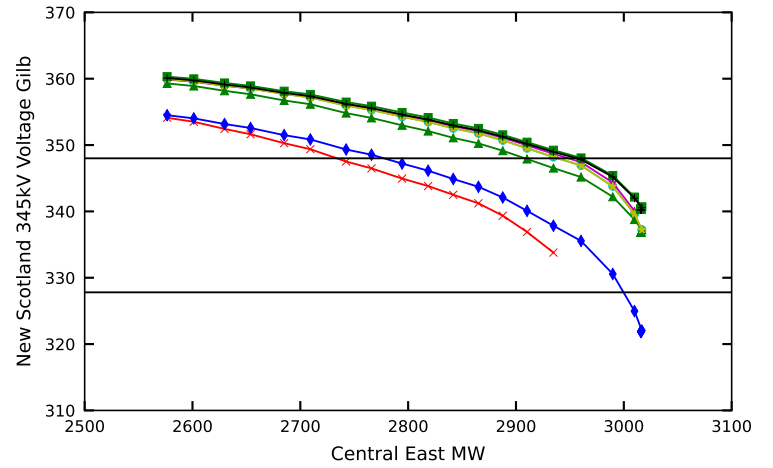
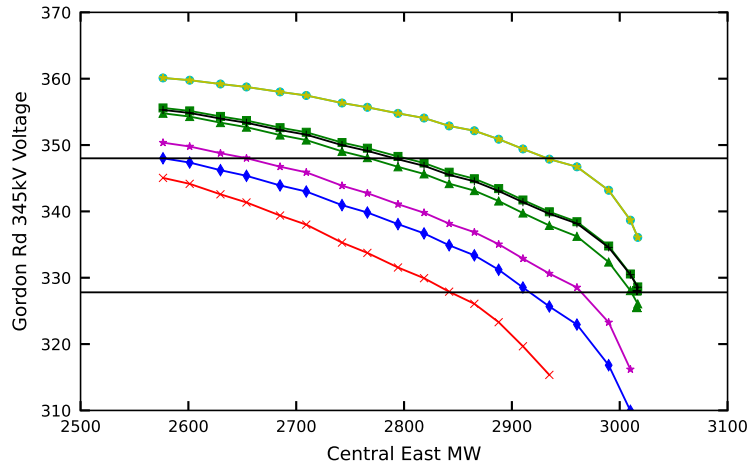
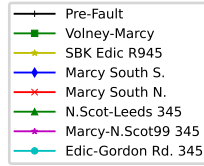
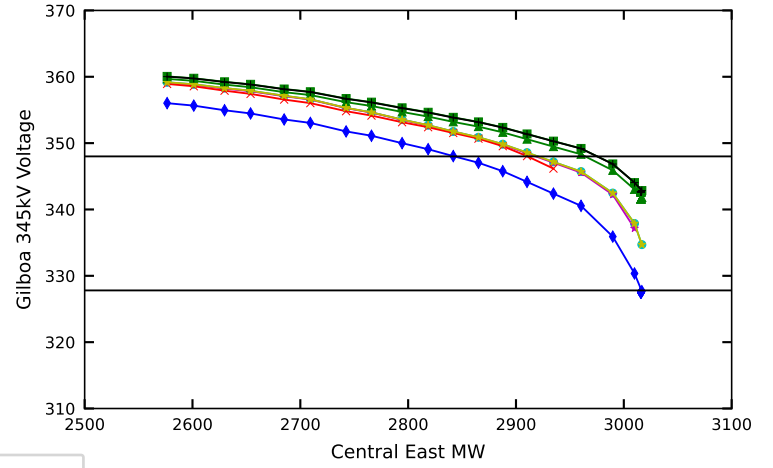
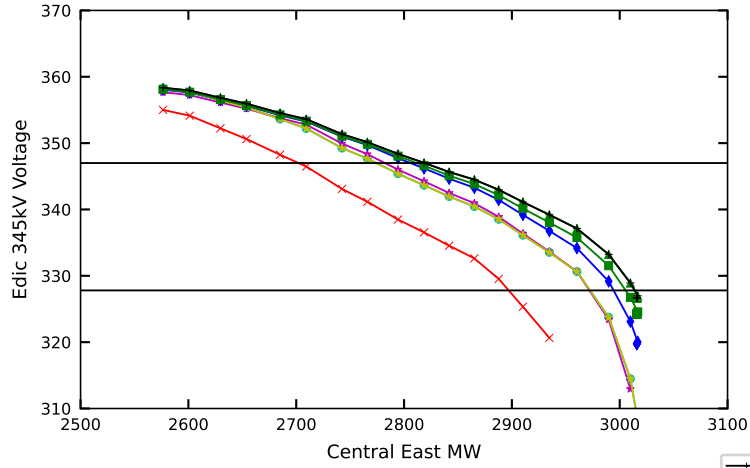
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\30_OS\Sum2023_CEVC_PH2_40_30_OS.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 30_OS

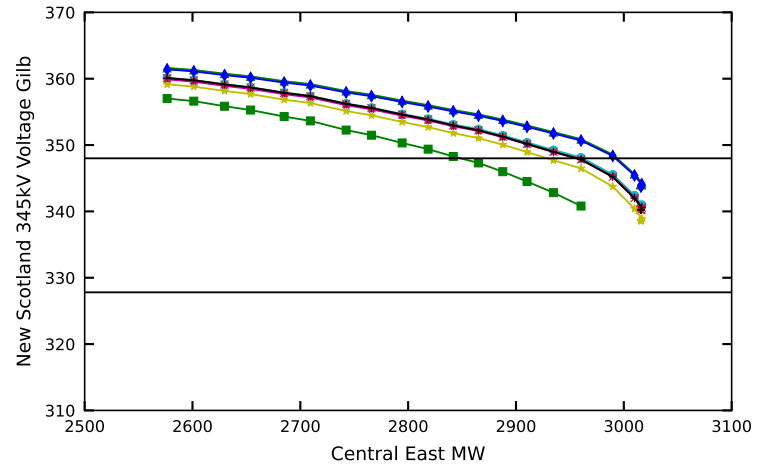
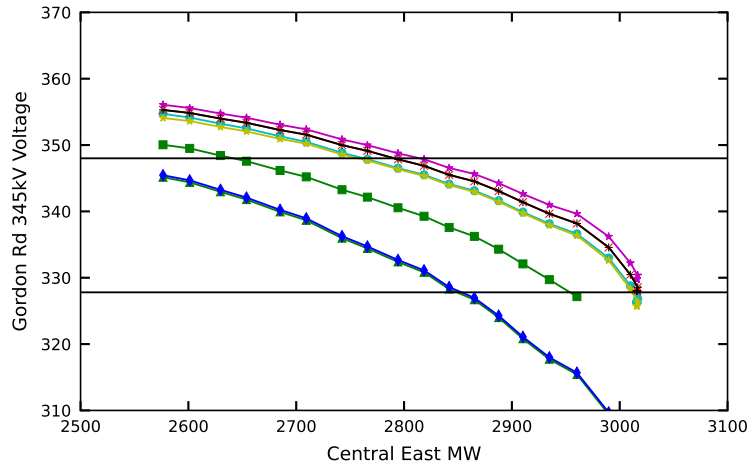
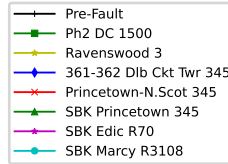
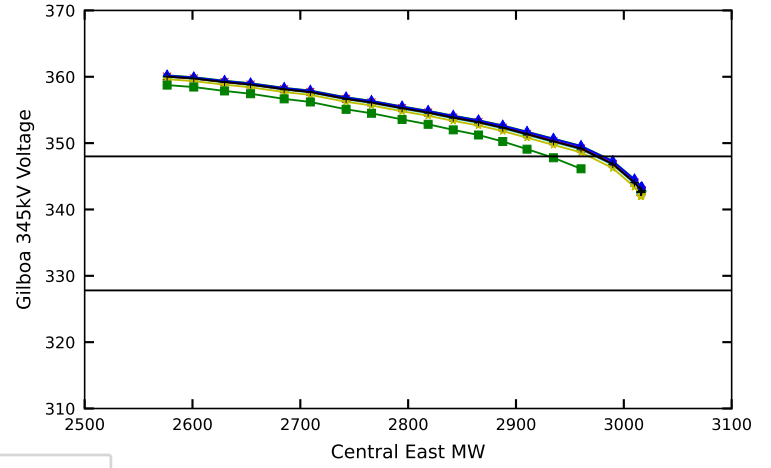
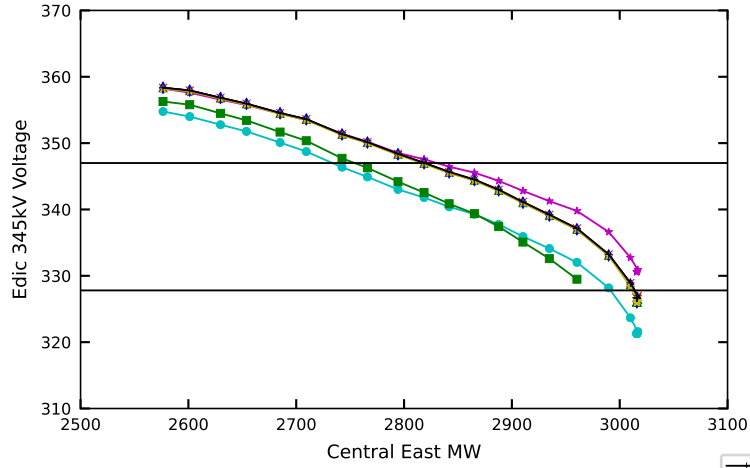
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						
99998	Watercure 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

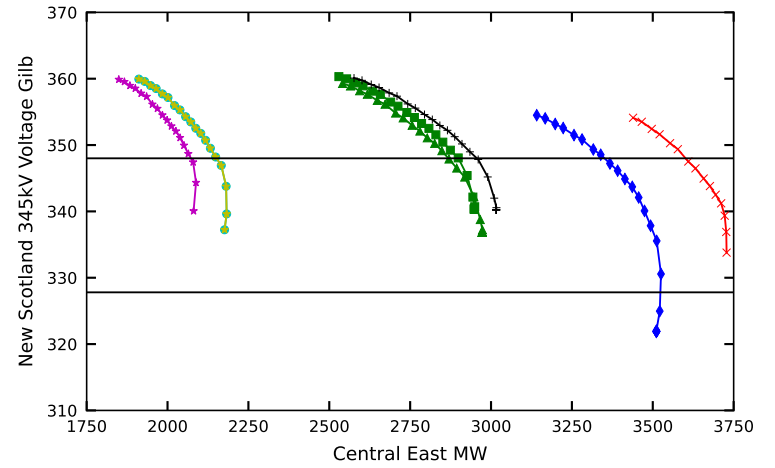
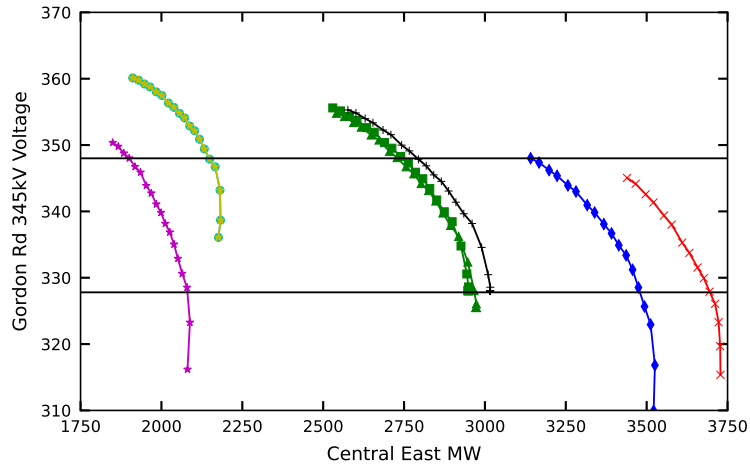
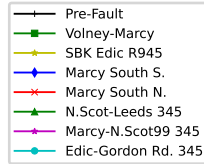
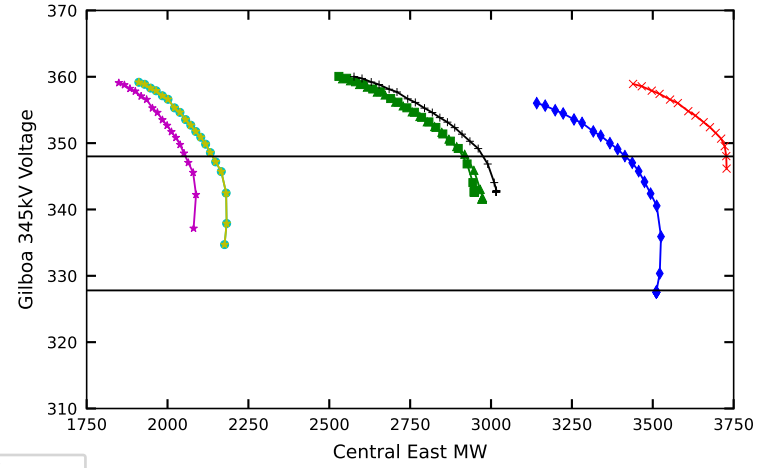
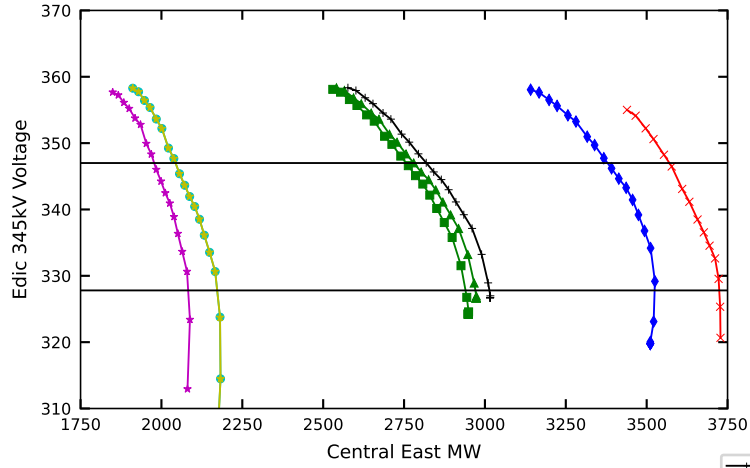
1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_05 Figure 1



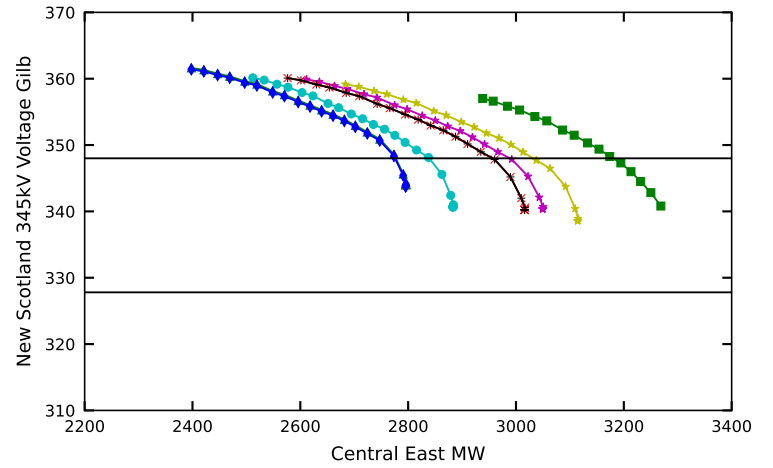
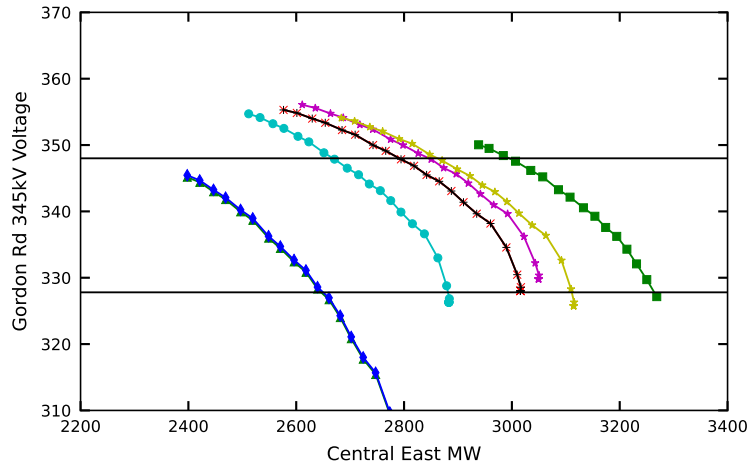
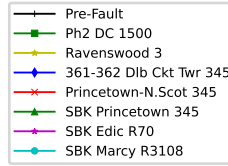
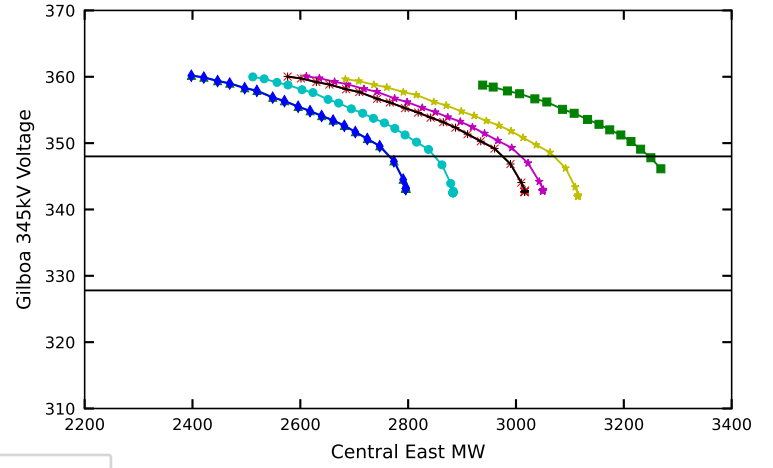
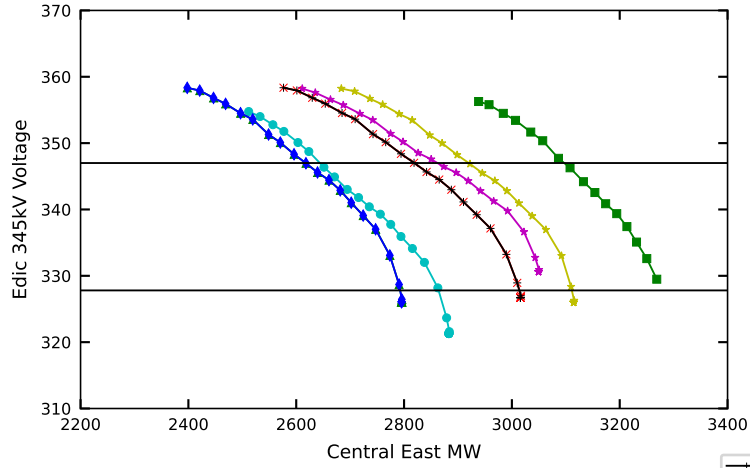
1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_05 Figure 2



1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_05 Figure 1



1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2576	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2601	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2629	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2653	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2685	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2709	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2742	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2765	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2794	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2818	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2841	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2865	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2887	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2910	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2934	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
2960	t1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	6															
2989	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	7															
3009	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	8															
3016	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2
	9															
3015	t2	0	1	2	0	2	0	1	0	0	0	0	0	0	0	2
	0															
3015	t2	0	1	2	0	2	0	1	0	0	0	0	0	0	0	2
	1															
3015	t2	0	1	2	0	2	0	1	0	0	0	0	0	0	0	2
	2															
3015	t2	0	1	2	0	2	0	1	0	0	0	0	0	0	0	2
	3															
3015	t2	0	1	2	0	2	0	1	0	0	0	0	0	0	0	2
	4															
3015	t2	0	1	2	0	2	0	1	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

Interface: Central East

Twr 345																								
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens wood 3																								
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2
Ph2 DC 1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2462 <E	Dunwoodie 345kV Voltage	Pre-Fault	115.5	NA	348	2462
2474 <E	Sprain Brook 345kV Voltage	Pre-Fault	115.7	NA	348	2474
2787	limit with 5% margin	Marcy South N.	NA	NA	NA	3541
2791	Gordon Rd 345kV Voltage	Pre-Fault	22.3	NA	348	2791
2795	Millwood Rd 345kV Voltage	Pre-Fault	100.1	NA	348	2795
2800	Marcy 345kV Voltage	Pre-Fault	17.6	NA	348	2800
2812	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3105
2819	Edic 345kV Voltage	Pre-Fault	16.9	NA	347	2819
2840	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1983
2840	limit with 5% margin	Marcy South S.	NA	NA	NA	3349
2843	Gordon Rd 345kV Voltage	Marcy South N.	12.8	327.8	345.5	3695
2848	Gordon Rd 345kV Voltage	SBK Princetown 345	14.5	327.8	345.2	2646
2853	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	14.4	327.8	345.0	2649
2859	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2073
2859	limit with 5% margin	SBK Edic R945	NA	NA	NA	2073
2865	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2824
2865	limit with 5% margin	Volney-Marcy	NA	NA	NA	2802
2865	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2739
2865	limit with 5% margin	SBK Edic R70	NA	NA	NA	2897
2865	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2656
2865	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2865
2865	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2656
2865	limit with 5% margin	Ravenswood 3	NA	NA	NA	2959
2886	Buchanan North 345kV Voltage	Pre-Fault	67.5	NA	346	2886
2897	Edic 345kV Voltage	Marcy South N.	5.4	327.8	342.2	3724
2898	Marcy 345kV Voltage	Marcy South N.	5.3	327.8	342.0	3724
2916	Gordon Rd 345kV Voltage	Marcy South S.	8.6	327.8	340.9	3479
2930	Oakdale 345kV Voltage	Marcy South N.	5.7	320	344.3	3727
2953	Gordon Rd 345kV Voltage	Ph2 DC 1500	10.0	327.8	338.5	3264
2954	Rock Tavern 345kV Voltage	Pre-Fault	28.5	NA	348	2954
2954	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	9.4	327.8	338.1	2075
2956	Coopers Corners 345kV Voltage	Pre-Fault	15.5	NA	338	2956
2956	New Scotland 345kV Voltage Alps	Pre-Fault	22.2	NA	348	2956
2956	New Scotland 345kV Voltage Gilb	Pre-Fault	22.2	NA	348	2956
2958	Coopers Corners 345kV Voltage	SBK Edic R945	9.6	327.8	337.9	2164
2958	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	9.6	327.8	337.9	2164
2964	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.6	327.8	337.7	2080
2968 >E	Clay 345kV Voltage	Marcy South N.	7.2	327.8	347.4	3729
2969	Marcy 345kV Voltage	SBK Edic R945	4.2	327.8	335.8	2170

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2969	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	335.8	2170
2971	Edic 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	335.6	2082
2972	Edic 345kV Voltage	SBK Edic R945	4.3	327.8	335.5	2172
2972	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	335.5	2172
2974 >E	Edic 345kV Voltage	Ph2 DC 1500	8.2	327.8	336.0	3278
2974 >E	Marcy 345kV Voltage	Ph2 DC 1500	8.2	327.8	335.8	3279
2975	Gilboa 345kV Voltage	Pre-Fault	12.6	NA	348	2975
2975	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	335.0	2083
2981 >E	New Scotland 345kV Voltage Alps	Marcy South N.	7.9	327.8	346.7	3730
2981 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	7.9	327.8	346.7	3730
2986	Pleasant Valley 345kV Voltage	Pre-Fault	20.9	NA	348	2986
2986	Fraser 345kV Voltage	Pre-Fault	7.1	NA	338	2986
2989	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	337.6	2087
2989	Buchanan South 345kV Voltage	Pre-Fault	21.3	NA	346	2989
2991	Station 80 345kV Voltage	Pre-Fault	12.3	NA	346	2991
2991	Fraser 345kV Voltage	SBK Edic R945	2.3	327.8	337.2	2181
2991	Pannell Road 345kV Voltage	Pre-Fault	10.7	NA	346	2991
2991	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.3	327.8	337.2	2181
2991	Edic 345kV Voltage	SBK Marcy R3108	4.5	327.8	332.9	2864
2992	Clay 345kV Voltage	Pre-Fault	7.0	NA	345	2992
2995	Oakdale 345kV Voltage	Pre-Fault	3.9	NA	335	2995
2997 >E	Edic 345kV Voltage	Marcy South S.	5.9	327.8	332.2	3529
2999 >E	Marcy 345kV Voltage	Marcy South S.	5.8	327.8	331.8	3529
3001	Oakdale 345kV Voltage	SBK Edic R945	2.2	320	333.6	2182
3001	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.2	320	333.6	2182
3003	Coopers Corners 345kV Voltage	Ravenswood 3	4.9	327.8	331.8	3104
3005	Edic 345kV Voltage	Volney-Marcy	4.2	327.8	329.9	2940
3005	Marcy 345kV Voltage	Volney-Marcy	4.2	327.8	329.6	2940
3006 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.9	327.8	343.7	3532
3006 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.9	327.8	343.7	3532
3006 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.8	320	333.8	2093
3007	Ramapo 500kV Voltage	Ravenswood 3	8.2	500	505.1	3107
3010	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	330.2	2967
3011	Ramapo 345kV Voltage	Pre-Fault	9.8	NA	346	3011
3011	Gordon Rd 345kV Voltage	Ravenswood 3	3.4	327.8	330.0	3111
3011	Edic 345kV Voltage	Ravenswood 3	3.3	327.8	328.4	3111
3011	Marcy 345kV Voltage	Ravenswood 3	3.3	327.8	328.2	3111
3012	Marcy 345kV Voltage	SBK Princetown 345	3.0	327.8	328.0	2792
3012	Edic 345kV Voltage	SBK Princetown 345	3.0	327.8	328.2	2792
3012	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.0	327.8	328.0	2792

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

Limit	-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3012	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.0	327.8	328.2	2792
3013	Marcy 345kV Voltage	Princeton-N.Scot 345	3.5	327.8	327.8	3013
3013	Marcy 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	327.8	2969
3013	Marcy 345kV Voltage	SBK Marcy R3108	3.5	327.8	327.8	2881
3013	Marcy 345kV Voltage	SBK Edic R70	3.5	327.8	327.8	3046
3013	Gordon Rd 345kV Voltage	SBK Marcy R3108	3.5	327.8	329.5	2881
3013	Edic 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	327.8	2970
3013	Edic 345kV Voltage	Princeton-N.Scot 345	3.5	327.8	327.8	3013
3014	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	4.3	327.8	329.5	2794
3014	Coopers Corners 345kV Voltage	SBK Princeton 345	4.2	327.8	329.5	2794
3017 >E	Coopers Corners 345kV Voltage	SBK Edic R70	4.4	327.8	328.8	3051
3017 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	6.8	500	504.0	2183
3017 >E	Ramapo 500kV Voltage	SBK Edic R945	6.8	500	504.0	2183
3019 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	328.5	2975
3019 >E	Gordon Rd 345kV Voltage	Princeton-N.Scot 345	3.6	327.8	327.8	3019
3019 >E	Gordon Rd 345kV Voltage	Volney-Marcy	3.5	327.8	327.8	2951
3020 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	341.0	2183
3020 >E	Clay 345kV Voltage	SBK Edic R945	3.0	327.8	341.0	2183
3022 >E	Coopers Corners 345kV Voltage	Princeton-N.Scot 345	4.4	327.8	327.8	3022
3024 >E	Coopers Corners 345kV Voltage	Volney-Marcy	4.4	327.8	327.4	2955
3024 >E	Ladentown 345kV Voltage	Pre-Fault	9.6	NA	346	3024
3026 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.7	327.8	325.9	3060
3028 >E	Edic 345kV Voltage	SBK Edic R70	3.7	327.8	323.7	3062
3028 >E	Fraser 345kV Voltage	SBK Marcy R3108	3.6	327.8	327.8	2892
3028 >E	Fraser 345kV Voltage	SBK Princeton 345	3.6	327.8	327.8	2804
3028 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.6	327.8	327.8	2804
3028 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.6	327.8	327.8	2984
3028 >E	Fraser 345kV Voltage	Volney-Marcy	3.6	327.8	327.8	2959
3028 >E	Fraser 345kV Voltage	SBK Edic R70	3.6	327.8	327.8	3062
3028 >E	Fraser 345kV Voltage	Princeton-N.Scot 345	3.6	327.8	327.8	3028
3028 >E	Fraser 345kV Voltage	Ravenswood 3	3.6	327.8	327.8	3125
3030 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.8	320	324.5	2893
3034 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	4.7	327.8	325.0	2897
3034 >E	Oakdale 345kV Voltage	Volney-Marcy	2.8	320	322.9	2964
3037 >E	Oakdale 345kV Voltage	Ravenswood 3	2.8	320	322.1	3132
3038 >E	Oakdale 345kV Voltage	SBK Princeton 345	2.8	320	321.7	2812
3038 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.8	320	321.7	2812

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3039 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	11.0	327.8	332.6	3325
3041 >E	Gilboa 345kV Voltage	Marcy South S.	6.3	327.8	342.8	3548
3042 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.9	320	320.2	2999
3043 >E	Oakdale 345kV Voltage	Princeton-N.Scot 345	3.0	320	320.0	3043
3046 >E	Oakdale 345kV Voltage	SBK Edic R70	3.0	320	319.0	3081
3046 >E	Leeds 345kV Voltage	Pre-Fault	6.1	NA	345	3046
3047 >E	Roseton 345kV Voltage	Pre-Fault	10.1	NA	345	3047
3048 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	340.6	2105
3048 >E	Bowline 2 345kV Voltage	Pre-Fault	8.8	NA	345	3048
3052 >E	Bowline 1 345kV Voltage	Pre-Fault	10.2	NA	345	3052
3054 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	337.9	2186
3054 >E	Gilboa 345kV Voltage	SBK Edic R945	4.4	327.8	337.9	2186
3055 >E	Clay 345kV Voltage	SBK Marcy R3108	4.2	327.8	332.3	2912
3057 >E	Pannell Road 345kV Voltage	Marcy South N.	12.1	327.8	344.5	3733
3058 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	4.4	327.8	331.9	3014
3058 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	4.4	327.8	331.9	3014
3058 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	320.5	2186
3058 >E	Gordon Rd 345kV Voltage	SBK Edic R945	4.5	327.8	320.5	2186
3059 >E	Fraser 345kV Voltage	Marcy South S.	7.1	327.8	327.8	3556
3059 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	5.0	327.8	339.7	2186
3059 >E	Pannell Road 345kV Voltage	SBK Edic R945	5.0	327.8	339.6	2186
3060 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	8.0	218.5	225.4	2186
3060 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.0	218.5	225.4	2186
3060 >E	Dunwoodie 345kV Voltage	Ravenswood 3	9.3	327.8	335.3	3152
3060 >E	St.Lawrence 230kV Voltage	Pre-Fault	18.2	NA	225	3060
3061 >E	Clay 345kV Voltage	Volney-Marcy	4.1	327.8	331.0	2986
3061 >E	Sprain Brook 345kV Voltage	Ravenswood 3	9.4	327.8	335.3	3153
3064 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	5.6	327.8	336.7	2187
3064 >E	Rock Tavern 345kV Voltage	SBK Edic R945	5.6	327.8	336.7	2186
3066 >E	Clay 345kV Voltage	SBK Princeton 345	4.0	327.8	329.8	2833
3066 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	4.0	327.8	329.8	2833
3067 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	4.8	327.8	332.9	2187
3067 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	4.8	327.8	332.9	2187
3067 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	4.8	327.8	332.9	2186
3067 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	4.8	327.8	332.9	2186
3067 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	4.6	327.8	329.9	3158
3067 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	4.6	327.8	329.9	3158
3068 >E	Clay 345kV Voltage	Ravenswood 3	4.2	327.8	329.5	3158
3070 >E	Buchanan North 345kV Voltage	Ravenswood 3	7.8	327.8	334.5	3160
3071 >E	Ramapo 500kV Voltage	Ph2 DC 1500	52.8	500	507.2	3349

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3072 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	13.9	500	500.5	2837
3072 >E	Ramapo 500kV Voltage	SBK Princetown 345	13.9	500	500.5	2837
3074 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	14.0	500	500.3	3030
3075 >E	Clay 345kV Voltage	N.Scot-Leeds 345	4.5	327.8	327.9	3030
3075 >E	Clay 345kV Voltage	Princetown-N.Scot 345	4.5	327.8	327.8	3075
3075 >E	Ramapo 500kV Voltage	Volney-Marcy	14.0	500	500.3	2998
3076 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	4.7	327.8	327.9	2999
3076 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	4.7	327.8	327.9	2999
3077 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	4.8	327.8	327.8	3077
3077 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	4.8	327.8	327.8	3077
3078 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.9	327.8	338.9	2188
3078 >E	Station 80 345kV Voltage	SBK Edic R945	6.0	327.8	338.9	2187
3078 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	4.8	327.8	327.6	3114
3078 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	4.8	327.8	327.6	3114
3078 >E	Ramapo 500kV Voltage	SBK Edic R70	14.4	500	500.0	3114
3079 >E	Ramapo 500kV Voltage	Pre-Fault	14.3	NA	500	3079
3079 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	14.3	500	500.0	3079
3080 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	4.8	327.8	327.2	2930
3080 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	4.8	327.8	327.2	2930
3080 >E	Ramapo 500kV Voltage	SBK Marcy R3108	14.7	500	499.9	2930
3084 >E	Fraser 345kV Voltage	Ph2 DC 1500	9.4	327.8	331.5	3358
3086 >E	Oakdale 345kV Voltage	Ph2 DC 1500	8.1	320	330.6	3360
3088 >E	Rock Tavern 345kV Voltage	Ravenswood 3	7.0	327.8	332.6	3175
3089 >E	Clay 345kV Voltage	SBK Edic R70	5.0	327.8	324.6	3126
3091 >E	Millwood 345kV Voltage	Ravenswood 3	9.7	327.8	334.9	3177
3092 >E	Oakdale 345kV Voltage	Marcy South S.	5.9	320	318.9	3571
3094 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	27.5	500	505.4	2120
3094 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	329.2	3050
3096 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	6.0	327.8	330.3	2942
3097 >E	Gilboa 345kV Voltage	Ravenswood 3	5.6	327.8	328.7	3183
3098 >E	Pannell Road 345kV Voltage	Volney-Marcy	5.8	327.8	329.9	3017
3099 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	5.1	327.8	323.1	2857
3099 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	5.1	327.8	323.1	2857
3100 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	5.1	327.8	322.9	2858
3100 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	5.1	327.8	322.9	2858
3101 >E	Pannell Road 345kV Voltage	Ravenswood 3	5.8	327.8	329.5	3186
3101 >E	Pannell Road 345kV Voltage	SBK Princetown 345	5.7	327.8	329.4	2859
3101 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr	5.7	327.8	329.4	2859

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3102 >E	Gilboa 345kV Voltage	SBK Marcy R3108	5.7	327.8	328.0	2946
3102 >E	Gilboa 345kV Voltage	Volney-Marcy	5.7	327.8	327.9	3020
3102 >E	Gilboa 345kV Voltage	Princeton-N.Scot 345	5.7	327.8	327.8	3102
3103 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	11.7	218.5	222.7	2947
3104 >E	Gilboa 345kV Voltage	SBK Edic R70	5.7	327.8	327.6	3141
3104 >E	Station 80 345kV Voltage	Marcy South N.	14.6	327.8	343.3	3735
3105 >E	Buchanan South 345kV Voltage	Ravenswood 3	9.4	327.8	334.8	3190
3105 >E	Leeds 345kV Voltage	Marcy South S.	7.3	327.8	346.7	3577
3106 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	5.8	327.8	327.2	2863
3107 >E	Gilboa 345kV Voltage	SBK Princetown 345	5.8	327.8	327.1	2863
3111 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	6.2	327.8	327.8	3066
3111 >E	Pannell Road 345kV Voltage	Princeton-N.Scot 345	6.2	327.8	327.8	3111
3116 >E	Station 80 345kV Voltage	SBK Marcy R3108	7.1	327.8	329.7	2957
3117 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	8.8	327.8	336.8	2127
3117 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	7.1	327.8	328.6	2871
3117 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	7.1	327.8	328.6	2871
3117 >E	Station 80 345kV Voltage	Volney-Marcy	6.8	327.8	329.5	3032
3117 >E	Station 80 345kV Voltage	Ravenswood 3	6.8	327.8	329.5	3200
3118 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	7.1	327.8	328.4	3073
3119 >E	Station 80 345kV Voltage	SBK Princetown 345	6.7	327.8	329.3	2873
3119 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	6.7	327.8	329.3	2872
3119 >E	Rock Tavern 345kV Voltage	SBK Edic R70	7.2	327.8	328.2	3157
3121 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	8.0	327.8	328.2	3076
3121 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	9.6	327.8	333.1	2191
3121 >E	Buchanan North 345kV Voltage	SBK Edic R945	9.7	327.8	333.1	2190
3122 >E	Rock Tavern 345kV Voltage	Princeton-N.Scot 345	7.2	327.8	327.8	3122
3123 >E	Buchanan North 345kV Voltage	SBK Edic R70	8.1	327.8	328.0	3161
3123 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	8.1	327.8	327.9	2875
3123 >E	Buchanan North 345kV Voltage	SBK Princetown 345	8.1	327.8	327.9	2875
3123 >E	St.Lawrence 230kV Voltage	Volney-Marcy	13.2	218.5	221.5	3037
3123 >E	Pannell Road 345kV Voltage	SBK Edic R70	6.6	327.8	325.8	3161
3124 >E	Buchanan North 345kV Voltage	Princeton-N.Scot 345	8.1	327.8	327.8	3124
3124 >E	Rock Tavern 345kV Voltage	Volney-Marcy	7.1	327.8	327.5	3038
3125 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	12.7	327.8	340.4	3388
3125 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	12.7	327.8	340.4	3388
3125 >E	Buchanan North 345kV Voltage	Volney-Marcy	8.1	327.8	327.7	3039

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3126 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	10.3	327.8	337.9	2130
3129 >E	Fraser 345kV Voltage	Marcy South N.	12.1	327.8	327.8	3736
3130 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	9.7	327.8	328.2	3085
3130 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	7.2	327.8	327.8	3085
3130 >E	Station 80 345kV Voltage	Princeton-N.Scot 345	7.2	327.8	327.8	3130
3130 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	15.6	218.5	223.1	2131
3131 >E	Ramapo 345kV Voltage	Ravenswood 3	9.2	327.8	333.7	3211
3132 >E	Dunwoodie 345kV Voltage	SBK Edic R70	9.8	327.8	327.9	3170
3132 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	9.8	327.8	328.2	3087
3133 >E	Dunwoodie 345kV Voltage	Princeton-N.Scot 345	9.8	327.8	327.8	3133
3133 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	8.4	327.8	326.7	2969
3134 >E	Sprain Brook 345kV Voltage	SBK Edic R70	9.9	327.8	327.9	3173
3135 >E	Dunwoodie 345kV Voltage	Volney-Marcy	9.8	327.8	327.6	3047
3135 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	9.8	327.8	327.6	2884
3135 >E	Dunwoodie 345kV Voltage	SBK Princeton 345	9.8	327.8	327.6	2885
3135 >E	Sprain Brook 345kV Voltage	Princeton-N.Scot 345	9.9	327.8	327.8	3135
3137 >E	Ladentown 345kV Voltage	Ravenswood 3	9.1	327.8	334.2	3217
3137 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	10.7	327.8	339.6	2133
3138 >E	Sprain Brook 345kV Voltage	Volney-Marcy	9.9	327.8	327.6	3049
3138 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	9.9	327.8	327.6	2886
3138 >E	Sprain Brook 345kV Voltage	SBK Princeton 345	9.9	327.8	327.6	2887
3139 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	7.6	327.8	325.5	2973
3139 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	8.6	327.8	335.1	2193
3140 >E	Ramapo 345kV Voltage	SBK Edic R945	8.6	327.8	335.1	2192
3142 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	10.1	327.8	326.9	2976
3142 >E	Station 80 345kV Voltage	SBK Edic R70	7.8	327.8	326.1	3181
3143 >E	Bowline 2 345kV Voltage	Ravenswood 3	8.3	327.8	334.3	3221
3145 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	10.2	327.8	326.8	2978
3145 >E	Clay 345kV Voltage	Marcy South S.	10.0	327.8	332.6	3595
3145 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	9.2	327.8	331.8	3224
3147 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	9.5	327.8	331.1	2136
3147 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	9.5	327.8	331.1	2136
3148 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	11.8	327.8	330.5	2193
3148 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	11.7	327.8	330.6	2193
3148 >E	Dunwoodie 345kV Voltage	SBK Edic R945	11.8	327.8	330.5	2192
3148 >E	Sprain Brook 345kV Voltage	SBK Edic R945	11.7	327.8	330.6	2192
3150 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	327.8	3105
3150 >E	Leeds 345kV Voltage	Volney-Marcy	6.1	327.8	327.8	3060
3150 >E	Leeds 345kV Voltage	SBK Edic R70	6.1	327.8	327.8	3189

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3150 >E	Leeds 345kV Voltage	SBK Princetown 345	6.1	327.8	327.8	2896
3150 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	327.8	3150
3150 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	327.8	2896
3150 >E	Leeds 345kV Voltage	SBK Marcy R3108	6.1	327.8	327.8	2982
3150 >E	Leeds 345kV Voltage	Ravenswood 3	6.1	327.8	327.8	3228
3152 >E	Clay 345kV Voltage	Ph2 DC 1500	12.9	327.8	338.3	3407
3153 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	331.4	2194
3153 >E	Millwood 345kV Voltage	SBK Edic R945	10.4	327.8	331.4	2193
3154 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	9.8	327.8	332.6	2194
3154 >E	Buchanan South 345kV Voltage	SBK Edic R945	9.8	327.8	332.6	2193
3156 >E	St.Lawrence 230kV Voltage	Ravenswood 3	16.6	218.5	219.7	3233
3158 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	8.8	327.8	334.9	2194
3158 >E	Ladentown 345kV Voltage	SBK Edic R945	8.8	327.8	334.9	2193
3159 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	10.1	327.8	328.3	3113
3160 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	16.0	218.5	219.5	2903
3160 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	16.0	218.5	219.5	2903
3161 >E	Bowline 1 345kV Voltage	Ravenswood 3	9.6	327.8	334.4	3237
3163 >E	Millwood 345kV Voltage	SBK Edic R70	10.3	327.8	327.9	3202
3164 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	10.3	327.8	327.8	3164
3165 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	8.3	327.8	335.1	2195
3165 >E	Bowline 2 345kV Voltage	SBK Edic R945	8.3	327.8	335.1	2194
3166 >E	Millwood 345kV Voltage	Volney-Marcy	10.3	327.8	327.6	3072
3166 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	10.3	327.8	327.6	2908
3166 >E	Millwood 345kV Voltage	SBK Princetown 345	10.3	327.8	327.6	2908
3168 >E	St.Lawrence 230kV Voltage	Marcy South N.	25.1	218.5	225.8	3738
3170 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	9.8	327.8	328.3	3124
3172 >E	Pleasant Valley 345kV Voltage	Marcy South S.	12.8	327.8	339.1	3607
3173 >E	Gilboa 345kV Voltage	Marcy South N.	13.0	327.8	339.8	3738
3173 >E	Buchanan South 345kV Voltage	SBK Edic R70	10.0	327.8	327.9	3213
3175 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	10.0	327.8	327.8	3175
3175 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	10.0	327.8	327.7	2914
3175 >E	Buchanan South 345kV Voltage	SBK Princetown 345	9.9	327.8	327.7	2915
3176 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	9.3	327.8	328.6	3130
3176 >E	Millwood 345kV Voltage	SBK Marcy R3108	10.7	327.8	326.6	3001
3176 >E	Buchanan South 345kV Voltage	Volney-Marcy	9.9	327.8	327.6	3081
3178 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	12.8	327.8	338.9	2145
3179 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	18.2	218.5	218.5	3179

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3179 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	335.5	2196
3179 >E	Bowline 1 345kV Voltage	SBK Edic R945	9.2	327.8	335.5	2195
3179 >E	Roseton 345kV Voltage	Ravenswood 3	9.7	327.8	331.9	3252
3179 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	18.2	218.5	218.5	3134
3183 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	9.5	327.8	327.9	3223
3183 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	9.6	327.8	328.3	3138
3184 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	9.5	327.8	327.8	3184
3185 >E	Ramapo 345kV Voltage	SBK Princetown 345	9.7	327.8	328.1	2922
3185 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	9.7	327.8	328.1	2922
3186 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	9.5	327.8	327.6	3089
3187 >E	Ramapo 345kV Voltage	SBK Edic R70	9.8	327.8	328.0	3227
3188 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	10.4	327.8	326.5	3009
3188 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	9.8	327.8	327.8	3188
3189 >E	Ramapo 345kV Voltage	Volney-Marcy	9.7	327.8	327.7	3092
3191 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	9.5	327.8	333.3	2197
3191 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	9.6	327.8	327.0	2926
3191 >E	Roseton 345kV Voltage	SBK Edic R945	9.5	327.8	333.2	2196
3191 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	9.6	327.8	327.0	2926
3193 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	9.8	327.8	326.8	3013
3194 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	9.5	327.8	328.3	3148
3194 >E	St.Lawrence 230kV Voltage	SBK Edic R70	19.9	218.5	217.6	3235
3195 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	8.7	327.8	328.3	3149
3195 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	10.2	327.8	330.0	2197
3195 >E	Leeds 345kV Voltage	SBK Edic R945	7.9	327.8	327.8	2196
3195 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	7.9	327.8	327.8	2197
3195 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	10.2	327.8	330.0	2196
3196 >E	Ladentown 345kV Voltage	SBK Princetown 345	9.5	327.8	328.0	2930
3197 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	9.5	327.8	328.0	2930
3197 >E	Ladentown 345kV Voltage	SBK Edic R70	9.6	327.8	328.0	3238
3197 >E	Bowline 2 345kV Voltage	SBK Princetown 345	8.7	327.8	328.0	2931
3197 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	8.7	327.8	328.0	2931
3198 >E	Bowline 2 345kV Voltage	SBK Edic R70	8.8	327.8	328.0	3239
3199 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	9.6	327.8	327.8	3199
3199 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	8.8	327.8	327.8	3199
3200 >E	Ladentown 345kV Voltage	Volney-Marcy	9.5	327.8	327.7	3100
3200 >E	Leeds 345kV Voltage	Marcy South N.	11.6	327.8	349.1	3739
3200 >E	Bowline 2 345kV Voltage	Volney-Marcy	8.7	327.8	327.7	3100

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3205 >E	Ramapo 345kV Voltage	SBK Marcy R3108	10.3	327.8	326.1	3022
3209 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	16.1	327.8	333.5	2155
3210 >E	St.Lawrence 230kV Voltage	Marcy South S.	21.8	218.5	219.9	3624
3214 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	9.2	327.8	326.1	3029
3214 >E	Somerset 345kV Voltage	Pre-Fault	14.4	NA	338	3214
3214 >E	Ladentown 345kV Voltage	SBK Marcy R3108	10.1	327.8	326.2	3029
3216 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	10.0	327.8	328.3	3169
3220 >E	Roseton 345kV Voltage	SBK Edic R70	10.2	327.8	327.9	3261
3221 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	10.1	327.8	327.8	2948
3221 >E	Roseton 345kV Voltage	SBK Princetown 345	10.1	327.8	327.8	2949
3221 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	10.1	327.8	327.8	3221
3222 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	10.0	327.8	328.4	3176
3223 >E	Roseton 345kV Voltage	Volney-Marcy	10.1	327.8	327.6	3119
3225 >E	Bowline 1 345kV Voltage	SBK Princetown 345	10.1	327.8	328.1	2952
3225 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	10.1	327.8	328.0	2952
3226 >E	Bowline 1 345kV Voltage	SBK Edic R70	10.2	327.8	328.0	3268
3227 >E	Dunwoodie 345kV Voltage	Marcy South S.	17.7	327.8	330.6	3632
3228 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	10.2	327.8	327.8	3228
3229 >E	Bowline 1 345kV Voltage	Volney-Marcy	10.1	327.8	327.7	3124
3230 >E	Sprain Brook 345kV Voltage	Marcy South S.	17.7	327.8	330.6	3634
3232 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	17.7	327.8	330.5	2162
3232 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	17.8	327.8	330.4	2162
3235 >E	Ramapo 500kV Voltage	Marcy South S.	40.4	500	503.0	3636
3236 >E	Roseton 345kV Voltage	SBK Marcy R3108	10.5	327.8	326.4	3045
3242 >E	Gilboa 345kV Voltage	Ph2 DC 1500	15.4	327.8	337.1	3472
3247 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	10.7	327.8	326.0	3053
3253 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	12.3	207	231.3	2202
3255 >E	Watercure 230kV Voltage	SBK Edic R945	12.4	207	231.3	2200
3255 >E	Millwood 345kV Voltage	Marcy South S.	17.0	327.8	331.6	3645
3258 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	15.5	327.8	336.1	2170
3259 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	17.0	327.8	331.5	2170
3262 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	19.0	327.8	337.0	3487
3265 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	11.7	327.8	341.8	2202
3266 >E	Somerset 345kV Voltage	SBK Edic R945	11.8	327.8	341.8	2201
3268 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	16.5	327.8	332.9	2173
3279 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	33.3	218.5	223.1	3499
3290 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	15.7	327.8	335.8	2180
3309 >E	Watercure 230kV Voltage	Marcy South N.	24.7	207	231.0	3744
3315 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	15.7	327.8	336.4	2187

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3317 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	19.2	327.8	335.3	3526
3318 >E	Pannell Road 345kV Voltage	Marcy South S.	19.0	327.8	331.6	3673
3322 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	15.7	327.8	336.5	2189
3323 >E	Buchanan South 345kV Voltage	Marcy South S.	18.2	327.8	330.3	3676
3325 >E	Station 80 345kV Voltage	Ph2 DC 1500	23.2	327.8	337.0	3533
3329 >E	Somerset 345kV Voltage	Ravenswood 3	13.5	327.8	330.0	3378
3333 >E	Somerset 345kV Voltage	SBK Princetown 345	13.3	327.8	329.7	3033
3333 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	13.3	327.8	329.7	3032
3337 >E	Somerset 345kV Voltage	Volney-Marcy	13.6	327.8	329.4	3213
3349 >E	Somerset 345kV Voltage	SBK Marcy R3108	14.2	327.8	328.6	3128
3349 >E	Coopers Corners 345kV Voltage	Marcy South N.	19.3	327.8	313.7	3746
3351 >E	Buchanan North 345kV Voltage	Marcy South S.	20.7	327.8	327.0	3688
3361 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	14.4	327.8	327.8	3361
3361 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	14.4	327.8	327.8	3312
3362 >E	Pleasant Valley 345kV Voltage	Marcy South N.	22.4	327.8	341.3	3746
3364 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	17.6	327.8	334.1	2202
3366 >E	Roseton 345kV Voltage	Marcy South S.	17.6	327.8	334.1	3695
3367 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	18.5	327.8	329.8	2203
3387 >E	Somerset 345kV Voltage	SBK Edic R70	15.4	327.8	326.0	3435
3388 >E	Station 80 345kV Voltage	Marcy South S.	22.6	327.8	330.9	3705
3416 >E	Ramapo 500kV Voltage	Marcy South N.	70.3	500	506.5	3748
3420 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	16.7	327.8	327.8	2220
3467 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	33.5	327.8	335.8	3635
3501 >E	Ladentown 345kV Voltage	Marcy South S.	21.7	327.8	326.3	3756
3502 >E	Leeds 345kV Voltage	Ph2 DC 1500	20.5	327.8	341.0	3660
3521 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	27.9	327.8	338.1	3674
3533 >E	Ramapo 345kV Voltage	Marcy South S.	23.7	327.8	324.0	3770
3541 >E	Bowline 1 345kV Voltage	Marcy South S.	21.9	327.8	326.3	3774
3544 >E	Somerset 345kV Voltage	Marcy South N.	28.7	327.8	345.0	3754
3544 >E	Rock Tavern 345kV Voltage	Marcy South S.	22.0	327.8	312.9	3775
3548 >E	Bowline 2 345kV Voltage	Marcy South S.	21.8	327.8	326.3	3777
3550 >E	Millwood 345kV Voltage	Ph2 DC 1500	34.6	327.8	335.9	3695
3566 >E	Rainey 345kV Voltage	Ravenswood 3	30.0	327.8	340.4	3578
3566 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	40.6	327.8	334.7	3707
3568 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	33.4	327.8	336.7	3708
3570 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	41.0	327.8	334.6	3709
3571 >E	Ramapo 345kV Voltage	Ph2 DC 1500	31.4	327.8	337.4	3710
3609 >E	Farragut 345kV Voltage	Ravenswood 3	32.0	327.8	339.8	3614
3609 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	41.7	218.5	221.2	2278
3609 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	41.7	218.5	221.2	2278

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3624 >E	Ladentown 345kV Voltage	Ph2 DC 1500	31.8	327.8	338.1	3749
3642 >E	Millwood 345kV Voltage	Marcy South N.	38.8	327.8	336.3	3758
3643 >E	Roseton 345kV Voltage	Ph2 DC 1500	30.0	327.8	337.8	3763
3660 >E	Roseton 345kV Voltage	Marcy South N.	30.2	327.8	339.0	3759
3671 >E	Rainey 345kV Voltage	Pre-Fault	43.6	NA	338	3671
3671 >E	Dunwoodie 345kV Voltage	Marcy South N.	46.7	327.8	335.0	3759
3676 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	31.8	327.8	338.8	3786
3677 >E	Sprain Brook 345kV Voltage	Marcy South N.	46.7	327.8	335.0	3760
3681 >E	Niagara 345kV Voltage	Pre-Fault	33.5	NA	338	3681
3689 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	31.8	327.8	339.0	3796
3691 >E	Farragut 345kV Voltage	Pre-Fault	46.4	NA	338	3691
3712 >E	Coopers Corners 345kV Voltage	Marcy South S.	24.4	327.8	255.6	3851
3718 >E	Rock Tavern 345kV Voltage	Marcy South N.	31.9	327.8	327.1	3761
3733 >E	Niagara 230kV East Voltage	Marcy South S.	48.9	218.5	218.7	3861
3733 >E	Niagara 230kV West Voltage	Marcy South S.	48.9	218.5	218.7	3861
3741 >E	Buchanan South 345kV Voltage	Marcy South N.	39.8	327.8	335.9	3762
3751 >E	Buchanan North 345kV Voltage	Marcy South N.	44.3	327.8	333.2	3763
3761 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	25.8	327.8	345.1	2242
3765 >E	Niagara 345kV Voltage	SBK Edic R945	26.0	327.8	345.0	2238
3818 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	39.2	207	240.3	2342
3845 >E	Niagara 230kV East Voltage	Pre-Fault	96.7	NA	225	3845
3845 >E	Niagara 230kV West Voltage	Pre-Fault	96.7	NA	225	3845
3908 >E	Watercure 230kV Voltage	Ph2 DC 1500	43.9	207	227.3	3954
3912 >E	Goethals 345kV Voltage	Ravenswood 3	44.3	327.8	339.6	3869
3925 >E	Somerset 345kV Voltage	Ph2 DC 1500	42.6	327.8	339.0	3966
3940 >E	Niagara 345kV Voltage	Ravenswood 3	31.3	327.8	330.3	3893
3942 >E	Niagara 345kV Voltage	SBK Princetown 345	30.8	327.8	330.2	3489
3942 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	30.8	327.8	330.2	3488
3958 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	65.0	218.5	228.1	2257
3958 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	65.0	218.5	228.1	2257
3963 >E	Niagara 345kV Voltage	Volney-Marcy	31.6	327.8	329.6	3728
3964 >E	Niagara 230kV East Voltage	SBK Edic R945	65.4	218.5	228.0	2253
3964 >E	Niagara 230kV West Voltage	SBK Edic R945	65.4	218.5	228.0	2253
3983 >E	Ladentown 345kV Voltage	Marcy South N.	43.0	327.8	334.1	3773
3983 >E	Ramapo 345kV Voltage	Marcy South N.	44.9	327.8	332.3	3773
4008 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	39.8	327.8	332.4	2261
4009 >E	Rainey 345kV Voltage	SBK Edic R945	39.9	327.8	332.3	2256
4012 >E	Niagara 345kV Voltage	SBK Marcy R3108	33.2	327.8	328.1	3615
4020 >E	Goethals 345kV Voltage	Pre-Fault	68.9	NA	338	4020
4022 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	33.5	327.8	327.8	4022

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4024 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	33.5	327.8	327.8	3965
4024 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	44.2	327.8	350.2	2405
4029 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	41.4	327.8	332.3	2263
4030 >E	Farragut 345kV Voltage	SBK Edic R945	41.5	327.8	332.3	2258
4059 >E	Bowline 1 345kV Voltage	Marcy South N.	43.2	327.8	334.5	3776
4076 >E	Bowline 2 345kV Voltage	Marcy South N.	43.1	327.8	334.6	3777
4092 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	42.8	327.8	328.3	4033
4096 >E	Niagara 345kV Voltage	SBK Edic R70	35.9	327.8	325.6	4173
4113 >E	Rainey 345kV Voltage	Volney-Marcy	43.4	327.8	327.9	3852
4113 >E	Rainey 345kV Voltage	SBK Princetown 345	43.4	327.8	327.8	3617
4114 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	43.4	327.8	327.8	3616
4116 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	43.6	327.8	327.8	4116
4116 >E	Rainey 345kV Voltage	SBK Edic R70	43.7	327.8	327.8	4194
4139 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	45.5	327.8	328.4	4079
4161 >E	Farragut 345kV Voltage	Volney-Marcy	46.1	327.8	327.9	3892
4161 >E	Farragut 345kV Voltage	SBK Princetown 345	46.1	327.8	327.9	3653
4162 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	46.1	327.8	327.9	3652
4165 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	46.4	327.8	327.8	4165
4165 >E	Farragut 345kV Voltage	SBK Edic R70	46.5	327.8	327.8	4245
4165 >E	Rainey 345kV Voltage	SBK Marcy R3108	45.2	327.8	326.7	3727
4216 >E	Farragut 345kV Voltage	SBK Marcy R3108	48.1	327.8	326.7	3765
4338 >E	Niagara 230kV East Voltage	Ravenswood 3	89.2	218.5	219.9	4228
4338 >E	Niagara 230kV West Voltage	Ravenswood 3	89.2	218.5	219.9	4228
4340 >E	Niagara 230kV East Voltage	SBK Princetown 345	88.0	218.5	219.9	3786
4340 >E	Niagara 230kV West Voltage	SBK Princetown 345	88.0	218.5	219.9	3786
4341 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	88.0	218.5	219.9	3785
4341 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	88.0	218.5	219.9	3785
4365 >E	Watercure 230kV Voltage	Ravenswood 3	55.6	207	218.4	4251
4375 >E	Niagara 230kV East Voltage	Volney-Marcy	90.4	218.5	219.5	4068
4375 >E	Niagara 230kV West Voltage	Volney-Marcy	90.4	218.5	219.5	4068
4412 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	56.8	327.8	332.3	2293
4414 >E	Goethals 345kV Voltage	SBK Edic R945	56.9	327.8	332.3	2286
4460 >E	Niagara 230kV East Voltage	SBK Marcy R3108	96.0	218.5	218.6	3943
4460 >E	Niagara 230kV West Voltage	SBK Marcy R3108	96.0	218.5	218.6	3943
4474 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	96.7	218.5	218.5	4474
4474 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	96.7	218.5	218.5	4474
4476 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	96.9	218.5	218.5	4411

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4476 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	96.9	218.5	218.5	4411
4507 >E	Watercure 230kV Voltage	SBK Princetown 345	59.7	207	216.9	3912
4509 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	59.8	207	216.9	3912
4517 >E	Watercure 230kV Voltage	Volney-Marcy	61.4	207	216.8	4185
4528 >E	Watercure 230kV Voltage	SBK Marcy R3108	63.3	207	216.7	3994
4539 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	60.4	327.8	332.3	2562
4541 >E	Rainey 345kV Voltage	Marcy South S.	60.6	327.8	332.3	4225
4569 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	62.8	327.8	332.3	2572
4573 >E	Farragut 345kV Voltage	Marcy South S.	63.0	327.8	332.2	4240
4595 >E	Niagara 230kV East Voltage	SBK Edic R70	104.8	218.5	217.2	4693
4595 >E	Niagara 230kV West Voltage	SBK Edic R70	104.8	218.5	217.2	4693
4664 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	61.0	207	232.8	2313
4680 >E	Gardenville 230kV Voltage	SBK Edic R945	61.6	207	232.8	2306
4681 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	67.3	327.8	328.4	4612
4689 >E	Watercure 230kV Voltage	Pre-Fault	96.0	NA	215	4689
4710 >E	Goethals 345kV Voltage	SBK Princetown 345	68.2	327.8	328.0	4064
4710 >E	Goethals 345kV Voltage	Volney-Marcy	68.2	327.8	328.0	4344
4711 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	68.2	327.8	328.0	4063
4723 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	68.9	327.8	327.8	4723
4725 >E	Goethals 345kV Voltage	SBK Edic R70	69.0	327.8	327.8	4828
4780 >E	Niagara 345kV Voltage	Marcy South N.	65.9	327.8	347.7	3807
4791 >E	Goethals 345kV Voltage	SBK Marcy R3108	71.3	327.8	326.8	4187
5102 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	84.3	327.8	332.2	2735
5120 >E	Goethals 345kV Voltage	Marcy South S.	85.1	327.8	332.0	4487
5457 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	96.0	207	207.0	5457
5461 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	96.3	207	207.0	5381
5638 >E	Niagara 230kV East Voltage	Marcy South N.	181.6	218.5	230.6	3844
5638 >E	Niagara 230kV West Voltage	Marcy South N.	181.6	218.5	230.6	3844
5735 >E	Niagara 345kV Voltage	Ph2 DC 1500	97.8	327.8	341.3	5275
5935 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	107.5	207	225.5	2990
6117 >E	Rainey 345kV Voltage	Ph2 DC 1500	121.8	327.8	339.3	5552
6161 >E	Farragut 345kV Voltage	Ph2 DC 1500	126.0	327.8	339.2	5583
6789 >E	Rainey 345kV Voltage	Marcy South N.	146.5	327.8	340.1	3893
6843 >E	Farragut 345kV Voltage	Marcy South N.	151.5	327.8	339.9	3895
6942 >E	Watercure 230kV Voltage	SBK Edic R70	153.0	207	191.5	7135
7118 >E	Goethals 345kV Voltage	Ph2 DC 1500	164.8	327.8	339.7	6276
7118 >E	Gardenville 230kV Voltage	Pre-Fault	224.3	NA	217	7118
7419 >E	Niagara 230kV East Voltage	Ph2 DC 1500	294.2	218.5	227.3	6493
7419 >E	Niagara 230kV West Voltage	Ph2 DC 1500	294.2	218.5	227.3	6493

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7588 >E	Gardenville 230kV Voltage	Ravenswood 3	162.9	207	214.9	6964
7802 >E	Gardenville 230kV Voltage	SBK Princetown 345	170.0	207	214.0	6378
7807 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	170.2	207	213.9	6377
7909 >E	Somerset 345kV Voltage	Marcy South S.	196.9	327.8	339.2	5746
8141 >E	Goethals 345kV Voltage	Marcy South N.	203.7	327.8	340.1	3951
8149 >E	Gardenville 230kV Voltage	Volney-Marcy	182.5	207	212.4	7175
8873 >E	Gardenville 230kV Voltage	SBK Marcy R3108	208.8	207	209.2	7184
9362 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	224.3	207	207.0	9362
9395 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	225.7	207	206.9	9255
11114 >E	Gardenville 230kV Voltage	SBK Edic R70	286.0	207	199.2	11477
11154 >E	Gardenville 230kV Voltage	Marcy South S.	292.5	207	208.2	7210
11431 >E	Gardenville 230kV Voltage	Marcy South N.	325.8	207	266.3	4092
13212 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	804.8	131.1	135.7	2991
13244 >E	Northport 138kV Voltage	SBK Edic R945	807.3	131.1	135.7	2939
15606 >E	Northport 138kV Voltage	Ph2 DC 1500	1000.4	131.1	136.4	12415
18536 >E	Northport 138kV Voltage	Marcy South N.	1229.0	131.1	136.4	4397
99998 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

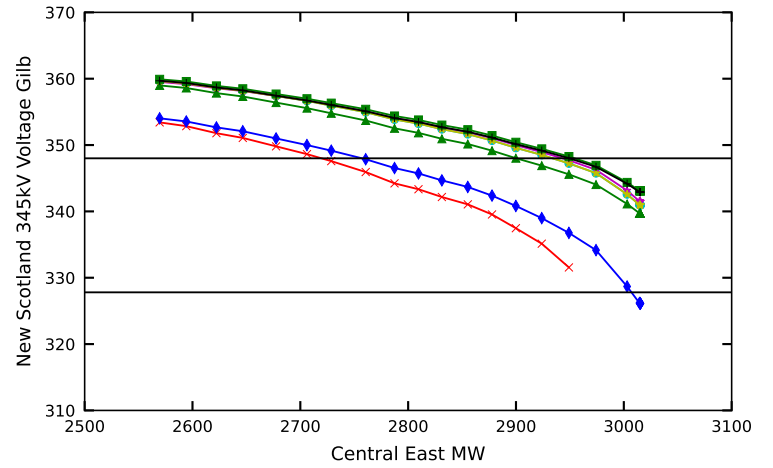
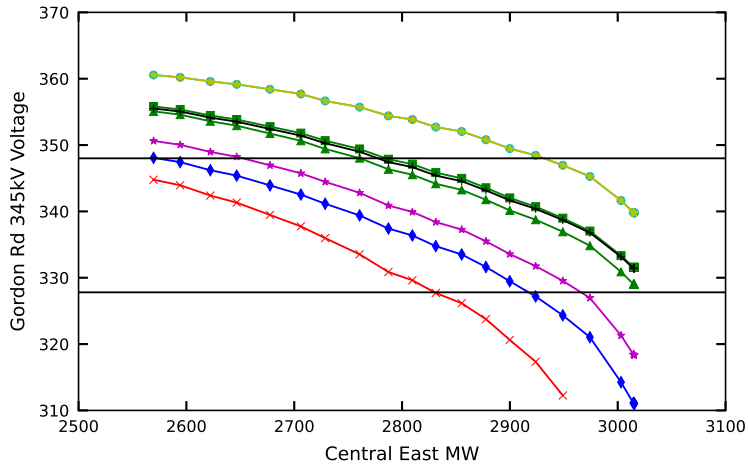
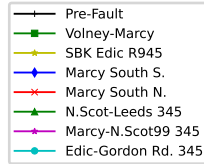
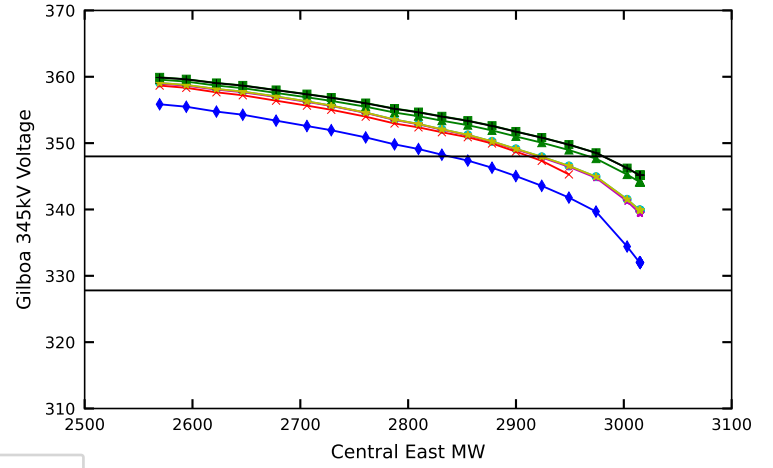
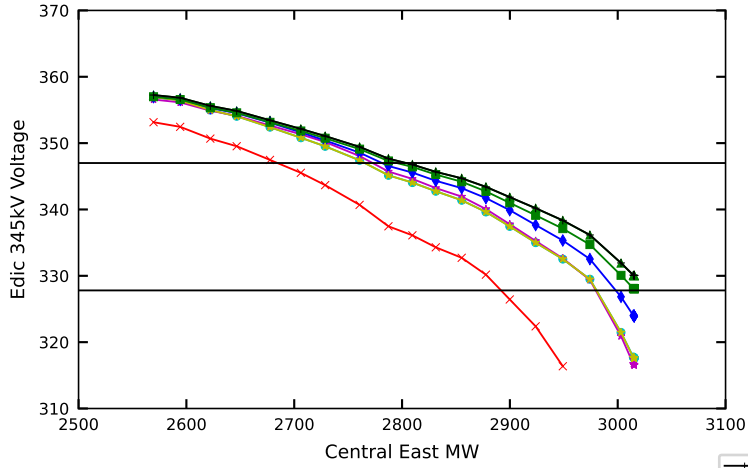
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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 55_OS

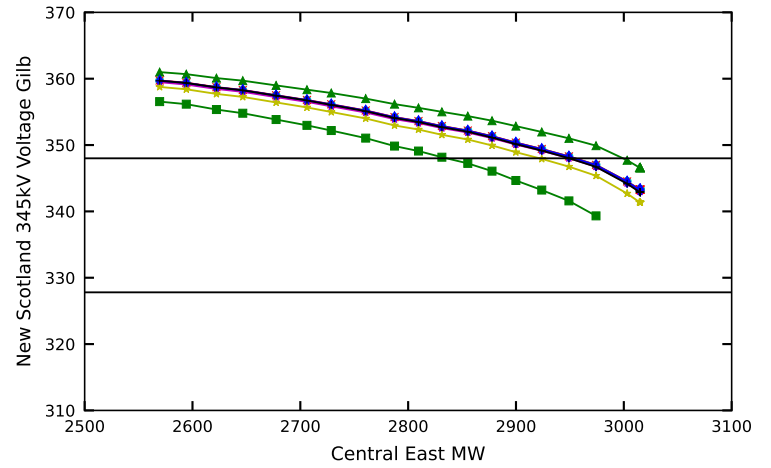
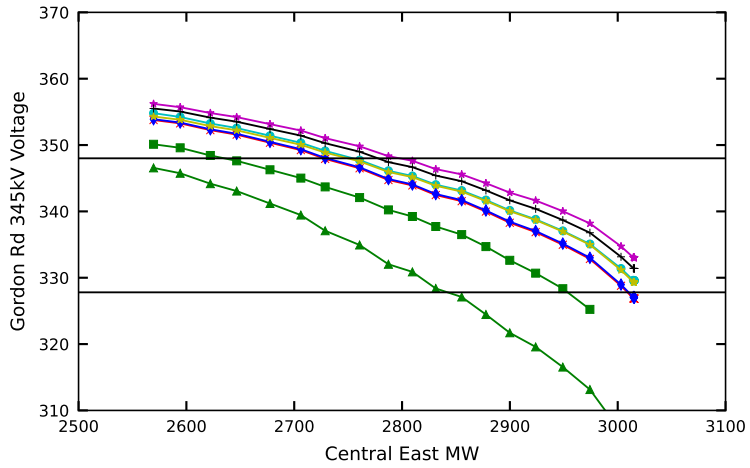
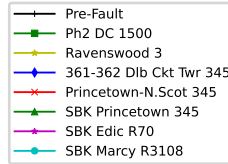
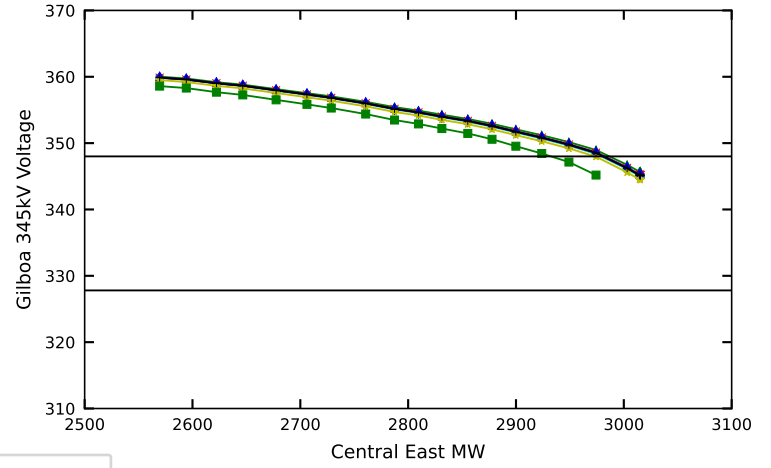
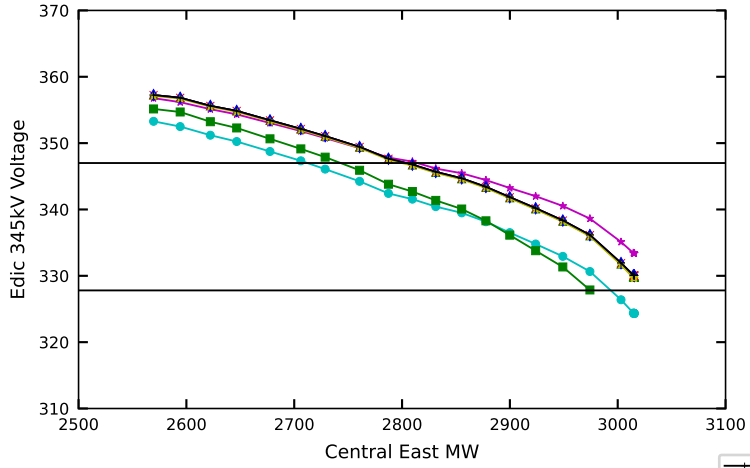
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99999	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99999
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Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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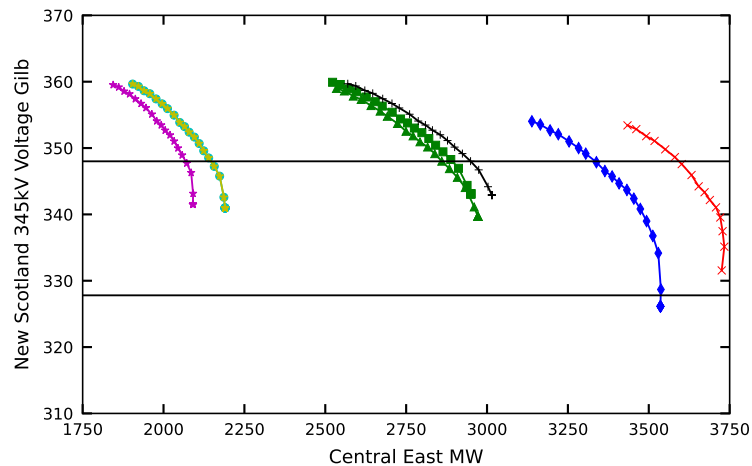
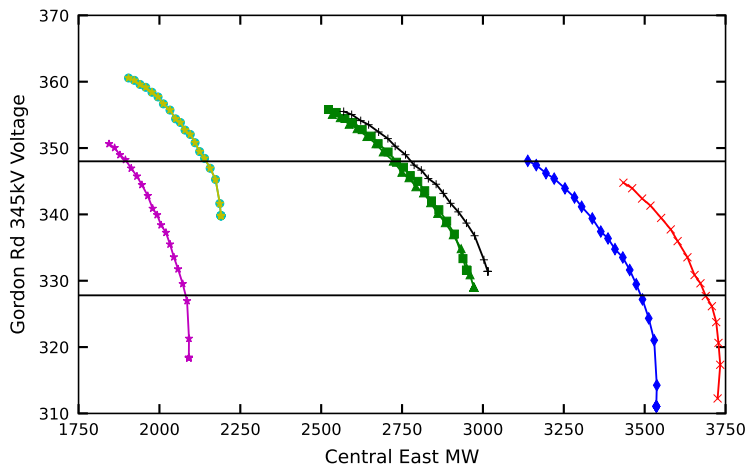
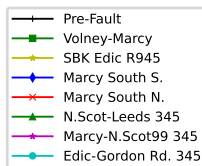
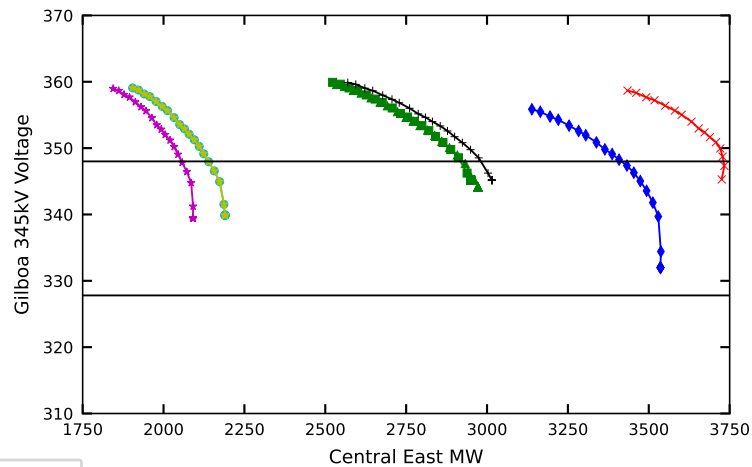
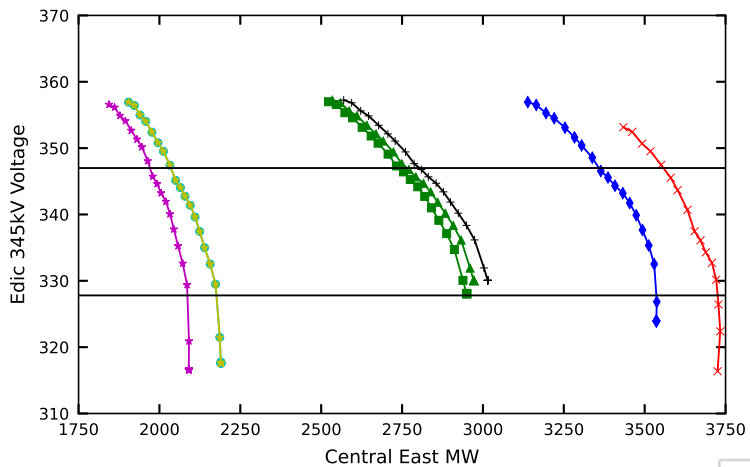
1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS Figure 1



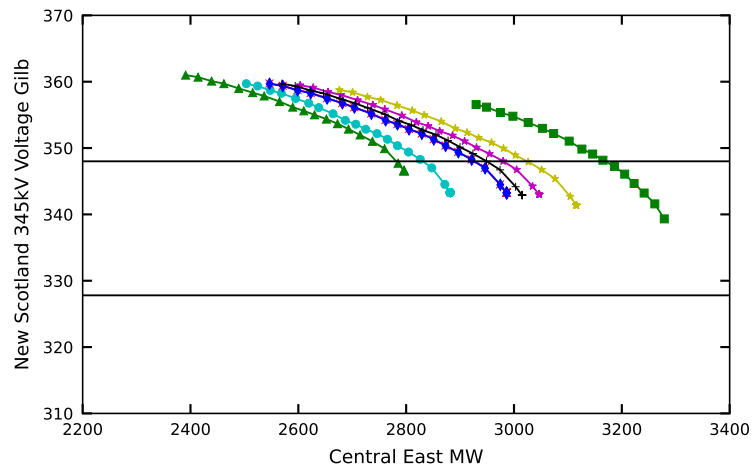
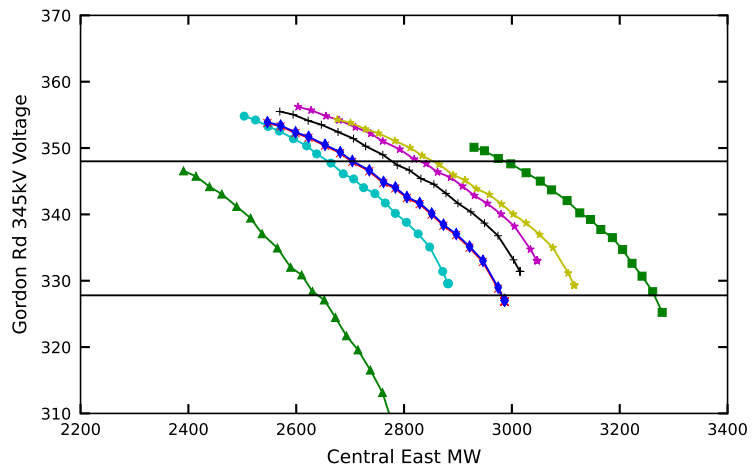
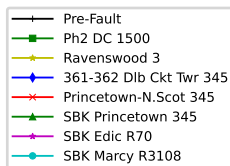
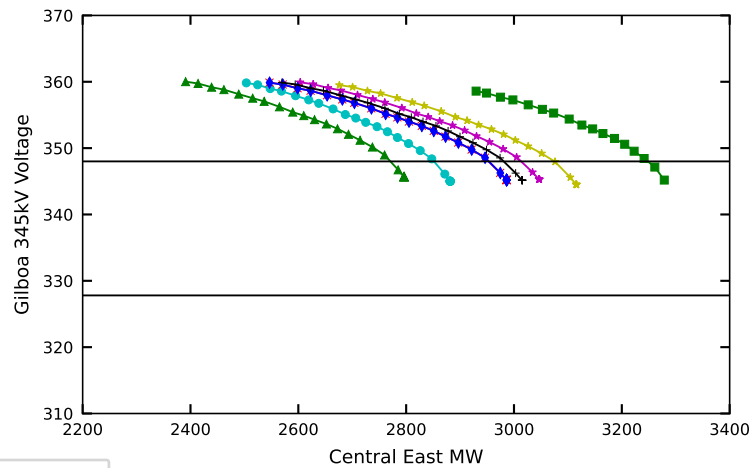
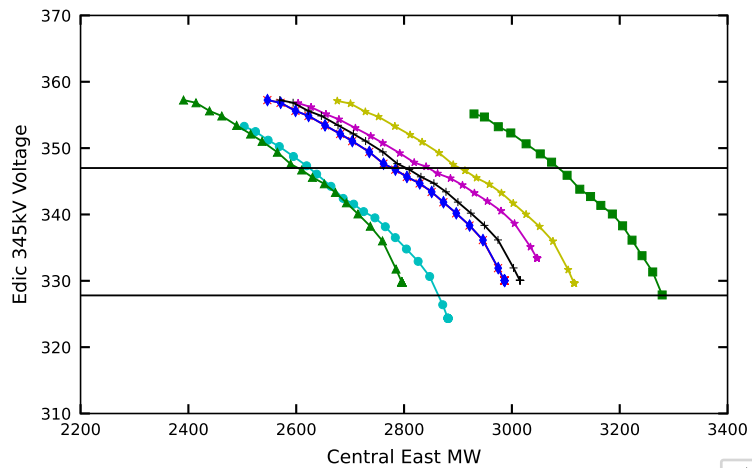
1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS Figure 2



1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS Figure 1



1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\361_OS\Sum2023_CEVC_Ph2_40_361_OS.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2569	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2594	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2622	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2646	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2677	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2706	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2728	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2760	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2787	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2809	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2831	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2855	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2877	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2899	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2923	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
2949	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
2974	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
3003	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	8															
3014	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	9															
3015	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	0															
3015	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	1															
3015	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	2															
3015	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	3															
3015	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	4															
3015	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-13-2023 11:06

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 4O 361_OS

Interface: Central East

Voltage Contingency Analysis Procedure (VCAP)

03-13-2023 11:06

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\4O\361_OS\Sum2023_CEVC_Ph2_4O_361_OS.xlsx

1: 2023S CEVC PH2 CE2570 MS2270 DE1300 4O 361_OS

Interface: Central East

Dlb Ckt Twr 345 log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ravens wood 3 log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2
Ph2 DC 1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2467 <E	Dunwoodie 345kV Voltage	Pre-Fault	115.1	NA	348	2467
2479 <E	Sprain Brook 345kV Voltage	Pre-Fault	115.3	NA	348	2479
2777	Gordon Rd 345kV Voltage	Pre-Fault	17.1	NA	348	2777
2777	limit with 5% margin	Marcy South N.	NA	NA	NA	3546
2782	Marcy 345kV Voltage	Pre-Fault	14.9	NA	348	2782
2803	Edic 345kV Voltage	Pre-Fault	24.8	NA	347	2803
2808	Millwood 345kV Voltage	Pre-Fault	100.5	NA	348	2808
2825	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3114
2830	Gordon Rd 345kV Voltage	Marcy South N.	11.3	327.8	345.5	3687
2842	Gordon Rd 345kV Voltage	SBK Princetown 345	18.8	327.8	345.0	2640
2852	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1986
2852	limit with 5% margin	Marcy South S.	NA	NA	NA	3360
2864	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2080
2864	limit with 5% margin	SBK Edic R945	NA	NA	NA	2080
2864	limit with 5% margin	Ravenswood 3	NA	NA	NA	2959
2864	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2823
2864	limit with 5% margin	Volney-Marcy	NA	NA	NA	2802
2864	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2737
2864	limit with 5% margin	SBK Edic R70	NA	NA	NA	2894
2864	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2656
2864	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2836
2864	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2837
2891	Edic 345kV Voltage	Marcy South N.	5.9	327.8	342.4	3725
2893	Marcy 345kV Voltage	Marcy South N.	5.9	327.8	342.3	3725
2910	Buchanan North 345kV Voltage	Pre-Fault	69.4	NA	346	2910
2917	Gordon Rd 345kV Voltage	Marcy South S.	10.5	327.8	340.7	3488
2934 >E	Oakdale 345kV Voltage	Marcy South N.	7.1	320	344.9	3736
2949	New Scotland 345kV Voltage Alps	Pre-Fault	19.2	NA	348	2949
2949	New Scotland 345kV Voltage Gilb	Pre-Fault	19.2	NA	348	2949
2953	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.1	327.8	338.4	3264
2965	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	9.8	327.8	337.4	2081
2974 >E	Edic 345kV Voltage	Ph2 DC 1500	7.2	327.8	336.1	3279
2974 >E	Clay 345kV Voltage	Marcy South N.	8.3	327.8	347.8	3745
2975 >E	Marcy 345kV Voltage	Ph2 DC 1500	7.2	327.8	335.9	3279
2977	Marcy 345kV Voltage	SBK Edic R945	3.6	327.8	335.5	2175
2977	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	335.5	2175
2979	Edic 345kV Voltage	Marcy-N.Scot99 345	3.4	327.8	335.4	2086
2980	Edic 345kV Voltage	SBK Edic R945	3.6	327.8	335.3	2176
2980	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	335.3	2176
2980	Gilboa 345kV Voltage	Pre-Fault	12.6	NA	348	2980

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2982	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.4	327.8	334.8	2087
2987	Station 80 345kV Voltage	Pre-Fault	13.3	NA	346	2987
2987	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	4.5	327.8	339.8	2088
2987	Rock Tavern 345kV Voltage	Pre-Fault	17.2	NA	348	2987
2988	Pannell Road 345kV Voltage	Pre-Fault	12.1	NA	346	2988
2990	Coopers Corners 345kV Voltage	SBK Edic R945	4.8	327.8	339.5	2180
2990	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.8	327.8	339.5	2180
2993	Edic 345kV Voltage	SBK Marcy R3108	6.8	327.8	333.3	2863
2995	Clay 345kV Voltage	Pre-Fault	10.2	NA	345	2995
2996	Pleasant Valley 345kV Voltage	Pre-Fault	23.1	NA	348	2996
2997	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	338.0	2090
2997	Fraser 345kV Voltage	Pre-Fault	6.7	NA	338	2997
2998	Edic 345kV Voltage	Marcy South S.	5.1	327.8	332.7	3536
2999	Marcy 345kV Voltage	Marcy South S.	5.0	327.8	332.4	3536
2999 >E	New Scotland 345kV Voltage Alps	Marcy South N.	10.3	327.8	346.1	3750
2999 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	10.3	327.8	346.1	3750
3000	Fraser 345kV Voltage	SBK Edic R945	3.9	327.8	337.5	2185
3000	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.9	327.8	337.5	2185
3001	Oakdale 345kV Voltage	Pre-Fault	5.3	NA	335	3001
3003	Coopers Corners 345kV Voltage	Pre-Fault	8.6	NA	338	3003
3007 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.3	327.8	343.8	3538
3007 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.3	327.8	343.8	3538
3008 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.3	320	333.8	2092
3008	Buchanan South 345kV Voltage	Pre-Fault	25.4	NA	346	3008
3009	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	6.0	327.8	332.3	2980
3010	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	6.0	327.8	332.1	2981
3010	Oakdale 345kV Voltage	SBK Edic R945	3.0	320	333.3	2188
3011	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.1	320	333.3	2188
3016 >E	Edic 345kV Voltage	Volney-Marcy	5.7	327.8	329.8	2950
3017 >E	Marcy 345kV Voltage	Volney-Marcy	5.7	327.8	329.5	2951
3021 >E	Edic 345kV Voltage	Ravenswood 3	3.5	327.8	329.1	3131
3022 >E	Marcy 345kV Voltage	Ravenswood 3	3.8	327.8	328.8	3133
3023 >E	Gordon Rd 345kV Voltage	Ravenswood 3	5.8	327.8	330.5	3136
3026 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	9.1	327.8	330.2	2982
3026 >E	Edic 345kV Voltage	SBK Princetown 345	5.7	327.8	328.3	2804
3026 >E	Marcy 345kV Voltage	SBK Princetown 345	5.7	327.8	327.9	2804
3027 >E	Marcy 345kV Voltage	SBK Marcy R3108	5.7	327.8	327.8	2886
3027 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	5.7	327.8	327.8	2997
3027 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	327.8	2997

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3027 >E	Edic 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	328.1	2983
3028 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	7.6	327.8	329.9	2886
3028 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	6.5	327.8	327.5	2984
3028 >E	Marcy 345kV Voltage	SBK Edic R70	6.5	327.8	327.5	3059
3029 >E	Edic 345kV Voltage	Princetown-N.Scot 345	6.5	327.8	327.8	2999
3029 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	6.5	327.8	327.8	2999
3039 >E	Gilboa 345kV Voltage	Marcy South S.	5.5	327.8	343.4	3547
3041 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.8	327.8	340.5	2099
3047 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	5.9	327.8	341.6	2203
3049 >E	Gordon Rd 345kV Voltage	Volney-Marcy	9.1	327.8	327.6	2977
3051 >E	Edic 345kV Voltage	SBK Edic R70	6.5	327.8	324.5	3080
3053 >E	Coopers Corners 345kV Voltage	Ravenswood 3	7.7	327.8	332.6	3208
3056 >E	Clay 345kV Voltage	SBK Edic R945	7.7	327.8	341.3	2205
3058 >E	Oakdale 345kV Voltage	Ph2 DC 1500	6.3	320	330.8	3337
3062 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.7	320	327.4	2900
3062 >E	Gordon Rd 345kV Voltage	SBK Edic R70	9.1	327.8	326.2	3090
3062 >E	Fraser 345kV Voltage	Ph2 DC 1500	7.1	327.8	332.9	3340
3065 >E	Clay 345kV Voltage	SBK Marcy R3108	4.5	327.8	335.3	2901
3065 >E	Oakdale 345kV Voltage	Ravenswood 3	4.6	320	326.0	3236
3065 >E	Fraser 345kV Voltage	Marcy South S.	6.7	327.8	327.8	3555
3067 >E	Ramapo 500kV Voltage	Ravenswood 3	23.0	500	507.4	3241
3072 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	7.6	327.8	327.8	3024
3072 >E	Fraser 345kV Voltage	Volney-Marcy	7.6	327.8	327.8	2996
3072 >E	Fraser 345kV Voltage	SBK Edic R70	7.6	327.8	327.8	3098
3072 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	7.6	327.8	327.8	3038
3072 >E	Fraser 345kV Voltage	Ravenswood 3	7.7	327.8	327.8	3254
3074 >E	Pannell Road 345kV Voltage	Marcy South N.	13.4	327.8	344.8	3767
3079 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	10.0	327.8	334.0	3352
3080 >E	Oakdale 345kV Voltage	Volney-Marcy	6.5	320	325.4	3003
3081 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	9.1	327.8	329.4	2846
3083 >E	Fraser 345kV Voltage	SBK Marcy R3108	9.1	327.8	326.3	2908
3083 >E	Fraser 345kV Voltage	SBK Princetown 345	9.1	327.8	326.3	2847
3083 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	326.3	3048
3086 >E	Oakdale 345kV Voltage	Marcy South S.	5.3	320	319.2	3560
3086 >E	Ladentown 345kV Voltage	Pre-Fault	22.7	NA	346	3086
3087 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.9	327.8	337.9	2108
3087 >E	Coopers Corners 345kV Voltage	SBK Edic R70	9.1	327.8	328.8	3112
3089 >E	Clay 345kV Voltage	Ravenswood 3	5.1	327.8	334.9	3294
3090 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	9.1	327.8	328.4	3041

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3092 >E	Ramapo 500kV Voltage	Ph2 DC 1500	50.8	500	507.5	3361
3094 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	328.0	3058
3094 >E	Coopers Corners 345kV Voltage	Princeton-N.Scot 345	9.1	327.8	328.0	3059
3098 >E	Ramapo 345kV Voltage	Pre-Fault	45.4	NA	346	3098
3099 >E	Leeds 345kV Voltage	Marcy South S.	6.6	327.8	347.6	3564
3099 >E	Clay 345kV Voltage	Volney-Marcy	6.5	327.8	329.9	3020
3101 >E	Oakdale 345kV Voltage	SBK Princeton 345	7.6	320	323.1	2861
3102 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	11.1	327.8	340.0	3368
3102 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	11.1	327.8	340.0	3368
3103 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	24.5	500	506.2	2111
3107 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	8.0	327.8	336.9	2112
3109 >E	Oakdale 345kV Voltage	Princeton-N.Scot 345	7.6	320	322.2	3072
3110 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	24.7	500	505.8	2228
3112 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	13.0	218.5	223.8	2113
3112 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	8.2	327.8	337.5	2113
3113 >E	Station 80 345kV Voltage	Marcy South N.	14.8	327.8	343.1	3776
3114 >E	Oakdale 345kV Voltage	SBK Edic R70	7.6	320	321.6	3137
3115 >E	Clay 345kV Voltage	Marcy South S.	8.1	327.8	333.2	3568
3116 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	14.0	218.5	226.7	2230
3116 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	9.6	327.8	340.8	2231
3119 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	7.7	327.8	333.9	3366
3119 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	7.7	327.8	333.9	3366
3122 >E	Coopers Corners 345kV Voltage	Volney-Marcy	11.4	327.8	325.0	3038
3123 >E	Clay 345kV Voltage	Ph2 DC 1500	10.9	327.8	338.6	3382
3125 >E	Ramapo 500kV Voltage	SBK Edic R945	28.6	500	505.6	2230
3126 >E	Clay 345kV Voltage	SBK Princeton 345	7.6	327.8	325.7	2880
3128 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	9.1	320	320.2	3075
3128 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	320	320.1	3088
3129 >E	Clay 345kV Voltage	N.Scot-Leeds 345	7.6	327.8	325.3	3076
3129 >E	Clay 345kV Voltage	Princeton-N.Scot 345	7.6	327.8	325.3	3091
3129 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	7.6	327.8	325.3	3090
3130 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	9.0	327.8	339.7	2117
3133 >E	Pannell Road 345kV Voltage	Ravenswood 3	7.7	327.8	333.7	3399
3142 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	9.1	327.8	332.7	2932
3142 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	11.4	327.8	322.7	2932
3144 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	9.2	327.8	331.7	2120
3144 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	9.2	327.8	331.7	2120
3144 >E	Pannell Road 345kV Voltage	SBK Edic R945	12.3	327.8	339.9	2238

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3145 >E	St.Lawrence 230kV Voltage	SBK Edic R945	18.1	218.5	226.3	2238
3145 >E	Bowline 1 345kV Voltage	Pre-Fault	22.7	NA	345	3145
3148 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	11.4	327.8	340.2	2243
3150 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	11.4	327.8	331.0	3095
3150 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	11.4	327.8	331.0	3095
3152 >E	St.Lawrence 230kV Voltage	Pre-Fault	45.4	NA	225	3152
3155 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	9.1	327.8	330.5	2937
3155 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	9.1	327.8	330.5	2937
3155 >E	Station 80 345kV Voltage	Ravenswood 3	9.2	327.8	334.8	3454
3156 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	11.7	327.8	340.8	2247
3163 >E	Clay 345kV Voltage	SBK Edic R70	9.1	327.8	320.2	3181
3167 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	12.7	327.8	322.5	2251
3169 >E	Pannell Road 345kV Voltage	Marcy South S.	10.6	327.8	331.1	3583
3171 >E	Pleasant Valley 345kV Voltage	Marcy South S.	12.0	327.8	340.4	3584
3174 >E	Leeds 345kV Voltage	Pre-Fault	22.7	NA	345	3174
3175 >E	Gilboa 345kV Voltage	SBK Edic R945	13.3	327.8	340.2	2249
3180 >E	St.Lawrence 230kV Voltage	Marcy South N.	26.7	218.5	225.2	3792
3181 >E	Station 80 345kV Voltage	SBK Marcy R3108	11.4	327.8	333.0	2947
3181 >E	Fraser 345kV Voltage	Marcy South N.	14.2	327.8	327.8	3792
3183 >E	St.Lawrence 230kV Voltage	Ravenswood 3	18.4	218.5	224.4	3520
3184 >E	Station 80 345kV Voltage	SBK Edic R945	14.4	327.8	339.2	2252
3186 >E	Pannell Road 345kV Voltage	Volney-Marcy	11.4	327.8	328.9	3091
3187 >E	St.Lawrence 230kV Voltage	Marcy South S.	19.1	218.5	220.5	3589
3187 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	11.4	327.8	327.7	3204
3187 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	11.4	327.8	327.7	3204
3188 >E	Gordon Rd 345kV Voltage	SBK Edic R945	14.5	327.8	321.3	2254
3189 >E	Station 80 345kV Voltage	Volney-Marcy	11.4	327.8	332.4	3094
3190 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	11.4	327.8	327.5	3145
3190 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	11.4	327.8	327.5	3145
3193 >E	Station 80 345kV Voltage	Marcy South S.	11.8	327.8	330.4	3590
3195 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	13.7	327.8	335.9	2262
3195 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	13.7	327.8	335.9	2262
3197 >E	Gilboa 345kV Voltage	Ph2 DC 1500	12.8	327.8	337.6	3434
3198 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	11.4	327.8	327.8	3139
3198 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	11.4	327.8	327.8	3154
3198 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	11.4	327.8	327.8	3152
3198 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	11.4	327.8	331.8	3152

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3200 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	11.4	327.8	332.9	3142
3203 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	22.7	218.5	223.9	2956
3204 >E	Pannell Road 345kV Voltage	SBK Edic R70	11.4	327.8	327.3	3219
3207 >E	Gilboa 345kV Voltage	Ravenswood 3	11.5	327.8	328.5	3578
3212 >E	Gilboa 345kV Voltage	Volney-Marcy	11.4	327.8	332.1	3113
3214 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	15.2	327.8	334.9	2134
3221 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	15.7	327.8	334.8	2266
3221 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	15.7	327.8	334.8	2266
3228 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	11.4	327.8	324.1	2957
3228 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	11.4	327.8	324.1	2957
3231 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	16.8	327.8	337.5	3458
3232 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	22.7	218.5	223.3	3170
3239 >E	Dunwoodie 345kV Voltage	Marcy South S.	17.3	327.8	331.6	3603
3243 >E	Sprain Brook 345kV Voltage	Marcy South S.	17.3	327.8	331.6	3604
3243 >E	Roseton 345kV Voltage	Pre-Fault	45.4	NA	345	3243
3244 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	17.5	327.8	331.5	2140
3244 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	17.6	327.8	331.4	2140
3246 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	15.1	327.8	322.5	3141
3246 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	15.1	327.8	322.5	3141
3248 >E	Ramapo 500kV Voltage	Marcy South S.	36.9	500	504.1	3606
3249 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	15.1	327.8	322.3	3200
3249 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	15.1	327.8	322.3	3200
3251 >E	Station 80 345kV Voltage	Ph2 DC 1500	18.2	327.8	336.8	3471
3256 >E	Pannell Road 345kV Voltage	SBK Princetown 345	15.1	327.8	322.7	2978
3257 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	14.4	327.8	338.1	2143
3257 >E	Station 80 345kV Voltage	SBK Princetown 345	15.1	327.8	328.0	2979
3259 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	15.1	327.8	327.8	3210
3259 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	15.1	327.8	327.8	3195
3262 >E	Gilboa 345kV Voltage	Marcy South N.	17.3	327.8	338.1	3810
3264 >E	Station 80 345kV Voltage	SBK Edic R70	15.1	327.8	327.5	3275
3267 >E	Millwood 345kV Voltage	Marcy South S.	16.5	327.8	332.9	3611
3269 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	16.6	327.8	332.8	2145
3272 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	12.3	327.8	336.5	2146
3274 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	15.9	327.8	334.5	2146
3275 >E	Gilboa 345kV Voltage	SBK Marcy R3108	15.1	327.8	328.0	2984
3278 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	15.1	327.8	327.8	3224
3278 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	15.1	327.8	327.8	3227
3280 >E	Gilboa 345kV Voltage	SBK Edic R70	15.1	327.8	327.7	3288
3280 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	13.0	207	226.3	2297
3283 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	33.4	218.5	223.7	3494

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Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3283 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	20.6	327.8	343.6	2298
3284 >E	St.Lawrence 230kV Voltage	Volney-Marcy	30.3	218.5	222.1	3173
3286 >E	Gilboa 345kV Voltage	SBK Princetown 345	15.1	327.8	327.3	3001
3288 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	14.8	327.8	337.9	2149
3289 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	15.1	327.8	328.3	3004
3291 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	15.1	327.8	328.2	3225
3296 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	15.1	327.8	327.9	3243
3297 >E	Bowline 2 345kV Voltage	Pre-Fault	45.4	NA	345	3297
3304 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	30.3	218.5	221.7	3248
3306 >E	Roseton 345kV Voltage	Ravenswood 3	15.3	327.8	343.7	3817
3307 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	30.3	218.5	221.6	3017
3312 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	14.8	327.8	338.6	2154
3319 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	14.7	327.8	338.8	2156
3324 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	22.7	327.8	334.8	3255
3326 >E	Dunwoodie 345kV Voltage	SBK Edic R70	22.7	327.8	334.8	3331
3326 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	22.7	327.8	334.9	3257
3327 >E	Dunwoodie 345kV Voltage	Ravenswood 3	46.0	327.8	334.8	3867
3329 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	22.7	327.8	334.7	3271
3331 >E	Sprain Brook 345kV Voltage	Ravenswood 3	46.0	327.8	327.9	3878
3333 >E	Ramapo 500kV Voltage	SBK Princetown 345	45.4	500	500.4	3037
3335 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	22.7	327.8	334.6	3038
3335 >E	Watercure 230kV Voltage	Ravenswood 3	13.1	207	218.6	3886
3336 >E	Sprain Brook 345kV Voltage	Volney-Marcy	22.7	327.8	334.6	3216
3337 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	22.7	327.8	334.6	3040
3337 >E	Buchanan South 345kV Voltage	Marcy South S.	17.8	327.8	331.8	3631
3338 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	45.4	500	500.3	3267
3340 >E	Rock Tavern 345kV Voltage	SBK Edic R945	24.9	327.8	343.1	2310
3342 >E	Ramapo 500kV Voltage	Volney-Marcy	45.4	500	500.2	3221
3343 >E	Rock Tavern 345kV Voltage	Ravenswood 3	23.0	327.8	332.2	3906
3343 >E	Ramapo 500kV Voltage	SBK Marcy R3108	45.4	500	500.1	3011
3347 >E	Ramapo 500kV Voltage	SBK Edic R70	45.4	500	500.1	3349
3347 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	45.4	500	500.1	3287
3349 >E	Watercure 230kV Voltage	SBK Edic R945	16.3	207	224.7	2313
3349 >E	Ramapo 500kV Voltage	Pre-Fault	45.4	NA	500	3349
3352 >E	Watercure 230kV Voltage	Marcy South N.	27.7	207	231.3	3831
3356 >E	Roseton 345kV Voltage	Marcy South S.	16.2	327.8	336.4	3636
3362 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	22.7	327.8	328.0	3290
3363 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	16.8	327.8	336.2	2165

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3364 >E	Buchanan North 345kV Voltage	SBK Edic R70	22.7	327.8	328.0	3365
3367 >E	Buchanan North 345kV Voltage	Marcy South S.	20.1	327.8	328.5	3639
3367 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	22.7	327.8	327.8	3309
3375 >E	Leeds 345kV Voltage	Marcy South N.	18.8	327.8	345.8	3836
3378 >E	Ladentown 345kV Voltage	Ravenswood 3	23.0	327.8	341.2	3989
3378 >E	Watercure 230kV Voltage	SBK Marcy R3108	15.1	207	220.5	3025
3381 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	23.0	327.8	331.2	3997
3382 >E	Leeds 345kV Voltage	SBK Edic R70	15.1	327.8	335.9	3381
3382 >E	Leeds 345kV Voltage	SBK Princetown 345	15.1	327.8	335.9	3074
3382 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	15.1	327.8	335.9	3322
3386 >E	Leeds 345kV Voltage	Ravenswood 3	15.3	327.8	327.8	4010
3386 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	18.9	327.8	331.1	2169
3392 >E	Millwood 345kV Voltage	SBK Princetown 345	22.7	327.8	335.8	3082
3395 >E	Somerset 345kV Voltage	Marcy South S.	16.7	327.8	329.6	3647
3395 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	21.6	327.8	335.8	3572
3415 >E	Bowline 1 345kV Voltage	Ravenswood 3	23.0	327.8	342.1	4079
3425 >E	Bowline 2 345kV Voltage	Ravenswood 3	23.0	327.8	342.3	4104
3426 >E	Buchanan South 345kV Voltage	SBK Princetown 345	22.7	327.8	336.7	3108
3429 >E	Rock Tavern 345kV Voltage	SBK Edic R70	22.7	327.8	319.1	3425
3436 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	22.7	327.8	318.6	3368
3445 >E	Buchanan North 345kV Voltage	Ravenswood 3	46.0	327.8	334.0	4151
3445 >E	Rock Tavern 345kV Voltage	Volney-Marcy	22.7	327.8	318.0	3306
3449 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	45.4	218.5	218.5	3383
3456 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	22.7	327.8	327.7	3385
3459 >E	Leeds 345kV Voltage	Ph2 DC 1500	19.2	327.8	340.7	3617
3459 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	20.9	327.8	344.0	2369
3460 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	22.7	327.8	317.0	3058
3461 >E	Watercure 230kV Voltage	Volney-Marcy	18.2	207	217.8	3319
3464 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	22.7	327.8	337.9	3383
3466 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	18.5	327.8	327.8	2186
3466 >E	Millwood 345kV Voltage	Ravenswood 3	46.0	327.8	324.5	4203
3469 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	22.7	327.8	337.8	3397
3469 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	22.7	327.8	337.8	3402
3474 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	32.8	327.8	335.9	3627
3474 >E	Ramapo 345kV Voltage	Volney-Marcy	22.7	327.8	337.7	3330
3483 >E	Ramapo 345kV Voltage	SBK Marcy R3108	22.7	327.8	337.5	3066
3487 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	26.1	327.8	337.8	3636
3497 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	17.5	327.8	334.3	2192

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3498 >E	Ladentown 345kV Voltage	SBK Princetown 345	22.7	327.8	327.9	3162
3502 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	24.0	207	233.8	2193
3504 >E	Ladentown 345kV Voltage	Volney-Marcy	22.7	327.8	327.6	3355
3513 >E	Rock Tavern 345kV Voltage	Marcy South S.	18.8	327.8	317.4	3680
3515 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	22.7	327.8	339.0	3430
3516 >E	Roseton 345kV Voltage	SBK Edic R70	22.7	327.8	339.0	3505
3520 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	22.7	327.8	338.9	3443
3520 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	22.7	327.8	338.9	3449
3522 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	38.6	327.8	339.9	2394
3523 >E	Roseton 345kV Voltage	SBK Princetown 345	22.7	327.8	338.8	3181
3528 >E	Ladentown 345kV Voltage	Marcy South S.	21.6	327.8	328.1	3684
3535 >E	Bowline 1 345kV Voltage	SBK Princetown 345	22.7	327.8	327.9	3190
3535 >E	Somerset 345kV Voltage	Ravenswood 3	23.0	327.8	328.6	4369
3536 >E	Somerset 345kV Voltage	SBK Marcy R3108	22.7	327.8	339.8	3088
3538 >E	Millwood 345kV Voltage	Ph2 DC 1500	33.2	327.8	335.8	3672
3541 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	22.7	327.8	339.6	3453
3541 >E	Bowline 1 345kV Voltage	Volney-Marcy	22.7	327.8	327.6	3386
3544 >E	Watercure 230kV Voltage	Pre-Fault	30.3	NA	215	3544
3545 >E	Bowline 2 345kV Voltage	SBK Princetown 345	22.7	327.8	339.5	3198
3546 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	22.7	327.8	339.5	3467
3546 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	22.7	327.8	339.5	3473
3547 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	22.7	327.8	339.5	3459
3551 >E	Ramapo 345kV Voltage	Marcy South S.	22.9	327.8	326.2	3690
3553 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	39.0	327.8	334.6	3682
3555 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	39.3	327.8	334.5	3684
3562 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	32.3	327.8	336.7	3689
3565 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	22.7	327.8	327.8	3476
3565 >E	Leeds 345kV Voltage	Volney-Marcy	22.7	327.8	327.8	3406
3565 >E	Leeds 345kV Voltage	SBK Marcy R3108	22.7	327.8	327.8	3099
3565 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	22.7	327.8	327.8	3484
3567 >E	Somerset 345kV Voltage	Marcy South N.	29.2	327.8	344.3	3880
3568 >E	Pleasant Valley 345kV Voltage	Marcy South N.	32.4	327.8	338.8	3880
3568 >E	Bowline 1 345kV Voltage	Marcy South S.	21.7	327.8	328.2	3695
3569 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	32.6	327.8	343.8	2413
3576 >E	Somerset 345kV Voltage	SBK Edic R945	26.4	327.8	342.1	2397
3585 >E	Watercure 230kV Voltage	SBK Princetown 345	22.7	207	213.7	3228
3588 >E	Ramapo 345kV Voltage	Ph2 DC 1500	31.2	327.8	337.5	3706
3593 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr	22.7	207	213.4	3509

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3593 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	22.7	207	213.4	3501
3598 >E	Bowline 2 345kV Voltage	Marcy South S.	22.5	327.8	327.4	3703
3609 >E	Coopers Corners 345kV Voltage	Marcy South N.	25.0	327.8	309.4	3890
3615 >E	Buchanan North 345kV Voltage	SBK Edic R945	45.6	327.8	339.3	2411
3616 >E	Somerset 345kV Voltage	Pre-Fault	45.4	NA	338	3616
3619 >E	Niagara 345kV Voltage	Marcy South S.	21.3	327.8	328.8	3710
3621 >E	Ramapo 500kV Voltage	Marcy South N.	93.1	500	506.6	3892
3630 >E	Ladentown 345kV Voltage	Ph2 DC 1500	31.2	327.8	338.2	3736
3642 >E	Sprain Brook 345kV Voltage	SBK Edic R70	45.4	327.8	327.9	3619
3644 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	45.4	327.8	327.8	3562
3648 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	45.4	327.8	327.8	3560
3648 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	45.4	327.8	327.8	3566
3653 >E	Dunwoodie 345kV Voltage	Volney-Marcy	45.4	327.8	327.6	3478
3657 >E	Roseton 345kV Voltage	Ph2 DC 1500	30.0	327.8	337.9	3755
3665 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	45.4	327.8	327.3	3139
3668 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	35.0	327.8	344.6	2453
3669 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	45.4	327.8	327.3	3140
3674 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	45.6	218.5	222.2	2229
3674 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	45.6	218.5	222.2	2229
3674 >E	Ramapo 345kV Voltage	SBK Edic R945	38.9	327.8	343.0	2433
3679 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	31.1	327.8	338.8	3770
3692 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	31.1	327.8	339.0	3780
3701 >E	Ramapo 345kV Voltage	Ravenswood 3	46.0	327.8	318.0	4769
3718 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	34.8	327.8	345.8	2473
3719 >E	Buchanan North 345kV Voltage	SBK Princetown 345	45.4	327.8	312.3	3330
3720 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	45.4	327.8	312.3	3624
3729 >E	Buchanan North 345kV Voltage	Volney-Marcy	45.4	327.8	311.9	3542
3736 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	34.8	327.8	346.1	2480
3741 >E	Somerset 345kV Voltage	Ph2 DC 1500	33.9	327.8	338.7	3813
3743 >E	Coopers Corners 345kV Voltage	Marcy South S.	20.1	327.8	256.2	3744
3743 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	45.4	327.8	311.3	3170
3745 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	45.4	327.8	328.0	3641
3751 >E	Millwood 345kV Voltage	SBK Edic R70	45.4	327.8	327.9	3719
3758 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	45.4	327.8	327.8	3659
3758 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	45.4	327.8	327.8	3667
3768 >E	Millwood 345kV Voltage	Volney-Marcy	45.4	327.8	327.6	3574
3769 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	46.2	327.8	341.8	2494

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3781 >E	Millwood 345kV Voltage	SBK Marcy R3108	45.4	327.8	327.3	3185
3785 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	30.3	207	207.0	3692
3790 >E	Ladentown 345kV Voltage	SBK Edic R945	41.6	327.8	343.7	2476
3795 >E	Niagara 230kV East Voltage	Pre-Fault	90.9	NA	225	3795
3795 >E	Niagara 230kV West Voltage	Pre-Fault	90.9	NA	225	3795
3819 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	45.4	327.8	328.1	3709
3824 >E	Buchanan South 345kV Voltage	SBK Edic R70	45.4	327.8	327.9	3786
3831 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	45.4	327.8	327.8	3725
3832 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	45.4	327.8	327.8	3734
3841 >E	Buchanan South 345kV Voltage	Volney-Marcy	45.4	327.8	327.6	3635
3850 >E	Bowline 1 345kV Voltage	SBK Edic R945	41.3	327.8	344.9	2498
3855 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	45.4	327.8	327.3	3214
3862 >E	Niagara 230kV East Voltage	Marcy South S.	56.9	218.5	219.0	3777
3862 >E	Niagara 230kV West Voltage	Marcy South S.	56.9	218.5	219.0	3777
3871 >E	Bowline 2 345kV Voltage	SBK Edic R945	41.4	327.8	345.2	2506
3874 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	45.4	327.8	309.3	3759
3877 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	56.6	327.8	340.6	2537
3880 >E	St.Lawrence 230kV Voltage	SBK Edic R70	90.9	218.5	209.0	3837
3890 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	45.4	327.8	308.6	3846
3897 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	45.4	327.8	308.3	3794
3898 >E	Millwood 345kV Voltage	Marcy South N.	51.4	327.8	332.9	3956
3905 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	45.4	327.8	308.0	3687
3906 >E	Buchanan South 345kV Voltage	SBK Edic R945	54.6	327.8	341.1	2519
3915 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	45.4	327.8	307.5	3238
3916 >E	Ramapo 345kV Voltage	SBK Edic R70	45.4	327.8	328.0	3869
3918 >E	Ramapo 345kV Voltage	SBK Princetown 345	45.4	327.8	327.9	3480
3920 >E	Dunwoodie 345kV Voltage	Marcy South N.	60.8	327.8	331.9	3961
3923 >E	Sprain Brook 345kV Voltage	Marcy South N.	60.5	327.8	331.9	3962
3924 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	45.4	327.8	307.1	3485
3941 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	44.9	327.8	343.6	2563
3941 >E	Watercure 230kV Voltage	Ph2 DC 1500	45.1	207	232.8	3953
3958 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	72.0	327.8	339.1	2570
3973 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	45.4	327.8	307.0	3849
3976 >E	Ladentown 345kV Voltage	SBK Edic R70	45.4	327.8	306.8	3924
3984 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	45.4	327.8	306.5	3863
3984 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	45.4	327.8	306.5	3874
3986 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	74.5	327.8	339.1	2581
4003 >E	Buchanan North 345kV Voltage	Marcy South N.	56.1	327.8	330.3	3980
4009 >E	Ladentown 345kV Voltage	SBK Marcy R3108	45.4	327.8	305.4	3275

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4012 >E	Roseton 345kV Voltage	Marcy South N.	43.5	327.8	335.7	3982
4035 >E	Roseton 345kV Voltage	Volney-Marcy	45.4	327.8	327.6	3795
4036 >E	Millwood 345kV Voltage	SBK Edic R945	67.0	327.8	340.0	2567
4039 >E	Buchanan South 345kV Voltage	Marcy South N.	53.0	327.8	332.1	3988
4046 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	45.4	327.8	305.4	3916
4049 >E	Roseton 345kV Voltage	SBK Marcy R3108	45.4	327.8	327.3	3291
4050 >E	Bowline 1 345kV Voltage	SBK Edic R70	45.4	327.8	305.2	3992
4057 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	45.4	327.8	304.9	3930
4057 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	45.4	327.8	304.9	3941
4066 >E	Somerset 345kV Voltage	Volney-Marcy	45.4	327.8	328.1	3821
4070 >E	Bowline 2 345kV Voltage	SBK Edic R70	45.4	327.8	328.0	4011
4077 >E	Somerset 345kV Voltage	SBK Princetown 345	45.4	327.8	327.9	3601
4079 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	45.4	327.8	327.8	3949
4079 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	45.4	327.8	327.8	3961
4082 >E	Somerset 345kV Voltage	SBK Edic R70	45.4	327.8	327.7	4021
4083 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	45.4	327.8	303.7	3304
4088 >E	Bowline 2 345kV Voltage	Volney-Marcy	45.4	327.8	327.6	3839
4088 >E	Rock Tavern 345kV Voltage	Marcy South N.	44.0	327.8	324.4	3999
4101 >E	Roseton 345kV Voltage	SBK Edic R945	52.7	327.8	342.5	2591
4104 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	45.4	327.8	327.2	3313
4140 >E	Sprain Brook 345kV Voltage	SBK Edic R945	86.0	327.8	338.6	2605
4155 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	45.4	327.8	352.9	4016
4159 >E	Goethals 345kV Voltage	Volney-Marcy	45.4	327.8	352.9	3898
4159 >E	Goethals 345kV Voltage	SBK Princetown 345	45.4	327.8	352.9	3663
4160 >E	Farragut 345kV Voltage	SBK Edic R70	45.4	327.8	353.0	4092
4162 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	45.4	327.8	353.0	4024
4166 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	41.2	327.8	347.1	2654
4168 >E	Farragut 345kV Voltage	SBK Marcy R3108	45.4	327.8	353.0	3338
4168 >E	Dunwoodie 345kV Voltage	SBK Edic R945	88.5	327.8	338.7	2616
4175 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	60.0	327.8	338.7	2657
4180 >E	Watercure 230kV Voltage	SBK Edic R70	45.4	207	194.0	4111
4181 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	45.4	327.8	353.5	4040
4181 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	48.2	327.8	327.8	2660
4181 >E	Leeds 345kV Voltage	SBK Edic R945	48.2	327.8	327.8	2620
4184 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	45.4	327.8	353.5	4057
4295 >E	Gardenville 230kV Voltage	SBK Princetown 345	45.4	207	221.2	3766
4315 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	88.8	218.5	229.1	2714
4315 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	88.8	218.5	229.1	2714

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4319 >E	Ramapo 345kV Voltage	Marcy South N.	57.4	327.8	329.1	4052
4324 >E	Niagara 345kV Voltage	SBK Marcy R3108	45.4	327.8	356.7	3400
4328 >E	Niagara 345kV Voltage	SBK Princetown 345	45.4	327.8	356.7	3791
4329 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	45.4	327.8	356.7	4175
4329 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	45.4	327.8	356.7	4175
4333 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	68.1	327.8	337.5	2676
4383 >E	Niagara 230kV East Voltage	SBK Marcy R3108	90.9	218.5	218.5	3423
4383 >E	Niagara 230kV West Voltage	SBK Marcy R3108	90.9	218.5	218.5	3423
4383 >E	Niagara 230kV East Voltage	Volney-Marcy	90.9	218.5	218.5	4084
4383 >E	Niagara 230kV West Voltage	Volney-Marcy	90.9	218.5	218.5	4084
4384 >E	Niagara 230kV East Voltage	SBK Edic R70	90.9	218.5	218.5	4297
4384 >E	Niagara 230kV West Voltage	SBK Edic R70	90.9	218.5	218.5	4297
4386 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	90.9	218.5	218.5	4227
4386 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	90.9	218.5	218.5	4227
4393 >E	Ladentown 345kV Voltage	Marcy South N.	58.2	327.8	329.4	4069
4464 >E	Niagara 345kV Voltage	SBK Edic R945	51.9	327.8	344.6	2725
4485 >E	Bowline 1 345kV Voltage	Marcy South N.	58.1	327.8	329.6	4090
4486 >E	Rainey 345kV Voltage	Marcy South S.	57.7	327.8	334.6	3952
4511 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	58.8	327.8	334.3	2400
4516 >E	Farragut 345kV Voltage	Marcy South S.	60.0	327.8	334.5	3960
4540 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	61.1	327.8	334.2	2406
4659 >E	Niagara 230kV East Voltage	SBK Edic R945	112.3	218.5	227.9	2797
4659 >E	Niagara 230kV West Voltage	SBK Edic R945	112.3	218.5	227.9	2797
4665 >E	Bowline 2 345kV Voltage	Marcy South N.	63.7	327.8	327.3	4131
4677 >E	Gardenville 230kV Voltage	Pre-Fault	90.9	NA	217	4677
4801 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	65.6	207	228.9	2910
4867 >E	Niagara 345kV Voltage	Marcy South N.	67.7	327.8	346.8	4177
4903 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	69.6	207	223.0	2480
5019 >E	Goethals 345kV Voltage	Marcy South S.	80.3	327.8	334.5	4101
5051 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	81.7	327.8	334.2	2511
5205 >E	Niagara 345kV Voltage	Ph2 DC 1500	77.7	327.8	340.8	4835
5351 >E	Gardenville 230kV Voltage	SBK Edic R945	85.8	207	226.9	3052
5565 >E	Gardenville 230kV Voltage	SBK Marcy R3108	90.9	207	207.2	3892
5584 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	90.9	207	207.0	5340
5587 >E	Gardenville 230kV Voltage	SBK Edic R70	90.9	207	207.0	5396
5598 >E	Gardenville 230kV Voltage	Ravenswood 3	92.0	207	207.2	9339
5789 >E	Niagara 230kV East Voltage	Marcy South N.	193.8	218.5	230.0	4388
5789 >E	Niagara 230kV West Voltage	Marcy South N.	193.8	218.5	230.0	4388

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5988 >E	Rainey 345kV Voltage	Ph2 DC 1500	116.4	327.8	339.1	5381
6028 >E	Farragut 345kV Voltage	Ph2 DC 1500	120.3	327.8	338.9	5408
6373 >E	Niagara 230kV East Voltage	Ph2 DC 1500	228.0	218.5	226.5	5650
6373 >E	Niagara 230kV West Voltage	Ph2 DC 1500	228.0	218.5	226.5	5650
6933 >E	Goethals 345kV Voltage	Ph2 DC 1500	157.0	327.8	339.4	6040
7002 >E	Gardenville 230kV Voltage	Marcy South S.	143.5	207	209.5	4656
8062 >E	Rainey 345kV Voltage	Marcy South N.	193.8	327.8	335.2	4907
8138 >E	Farragut 345kV Voltage	Marcy South N.	200.6	327.8	335.1	4925
8619 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	220.1	327.8	349.1	4449
8669 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	226.3	327.8	348.6	4468
9728 >E	Rainey 345kV Voltage	SBK Edic R945	263.6	327.8	348.2	4668
9748 >E	Farragut 345kV Voltage	SBK Edic R945	269.5	327.8	347.7	4676
9891 >E	Goethals 345kV Voltage	Marcy South N.	271.2	327.8	335.4	5325
10495 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	299.8	327.8	349.2	5204
12081 >E	Goethals 345kV Voltage	SBK Edic R945	363.4	327.8	348.4	5537
15052 >E	Northport 138kV Voltage	Ph2 DC 1500	955.7	131.1	136.2	11703
17596 >E	Gardenville 230kV Voltage	Marcy South N.	561.9	207	294.2	7086
22880 >E	Northport 138kV Voltage	Marcy South N.	1569.1	131.1	134.0	8294
23764 >E	Gardenville 230kV Voltage	Ph2 DC 1500	746.5	207	291.5	17780
36822 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	2665.2	131.1	144.5	15816
41048 >E	Northport 138kV Voltage	SBK Edic R945	2998.3	131.1	144.6	16231
99998 >E	Buchanan South 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Farragut 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Goethals 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	SBK Princetown 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	Ravenswood 3	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
99998	Niagara 230kV West Voltage	SBK Princetown 345	NA	218.5	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Niagara 230kV West Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
>E						
99998	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	361-362 D1b Ckt Twr 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
>E						
99998	Rainey 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Rainey 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	361-362 D1b Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

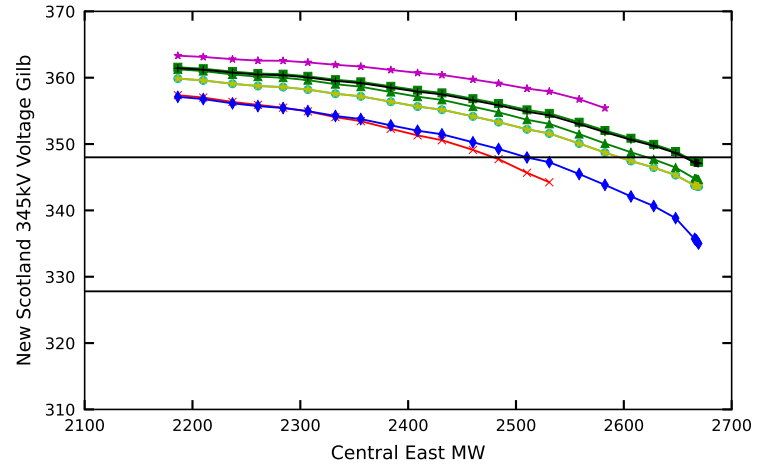
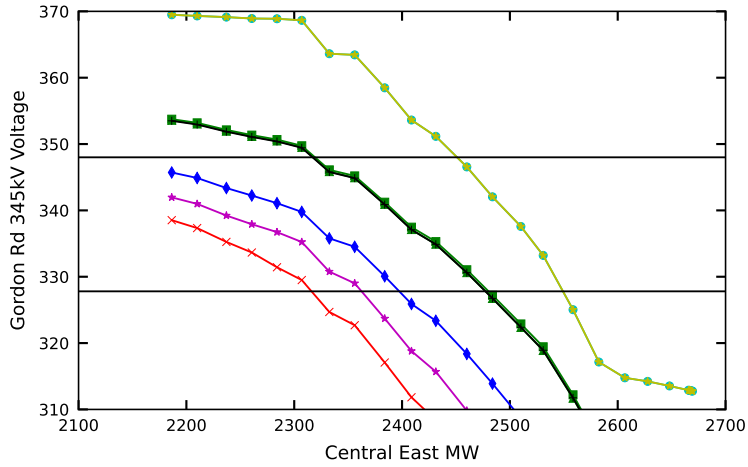
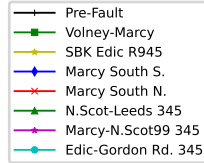
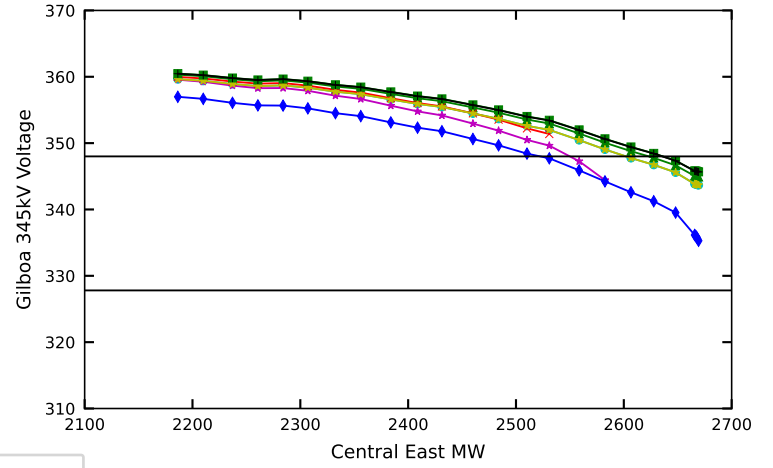
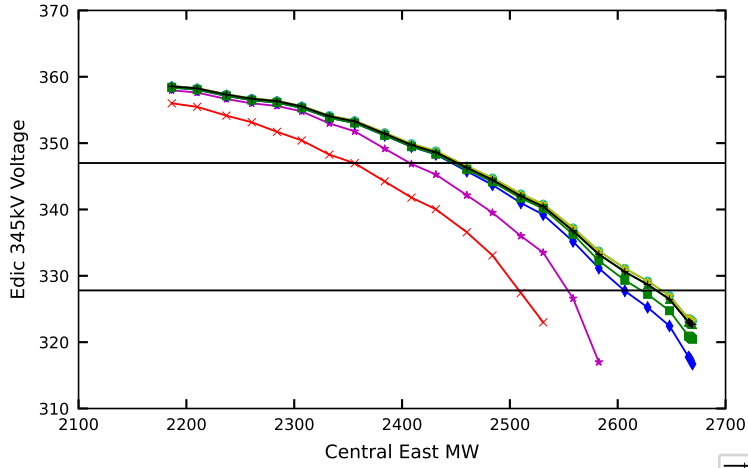
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1: 2023S CEVC PH2 CE2570 MS2270 DE1300 40 361_OS

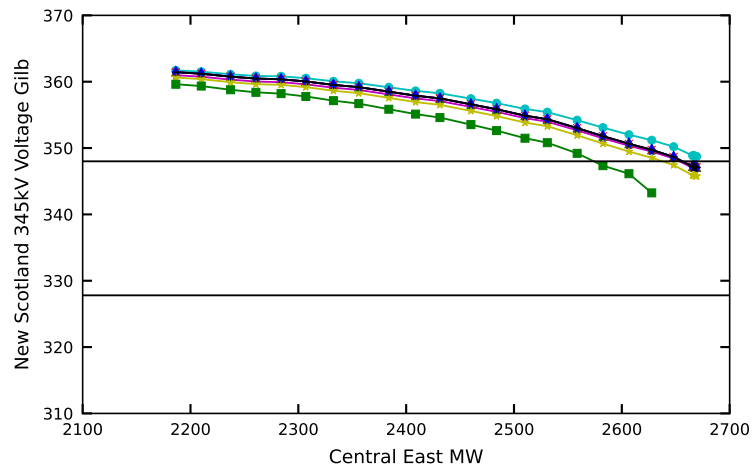
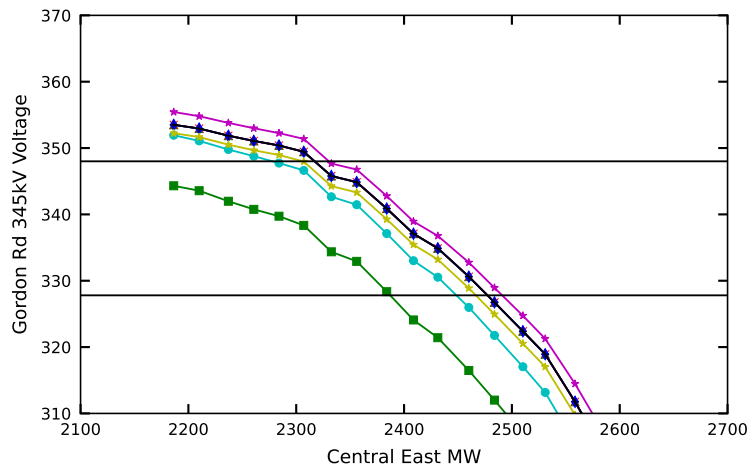
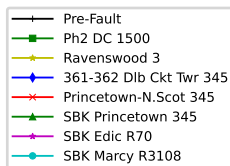
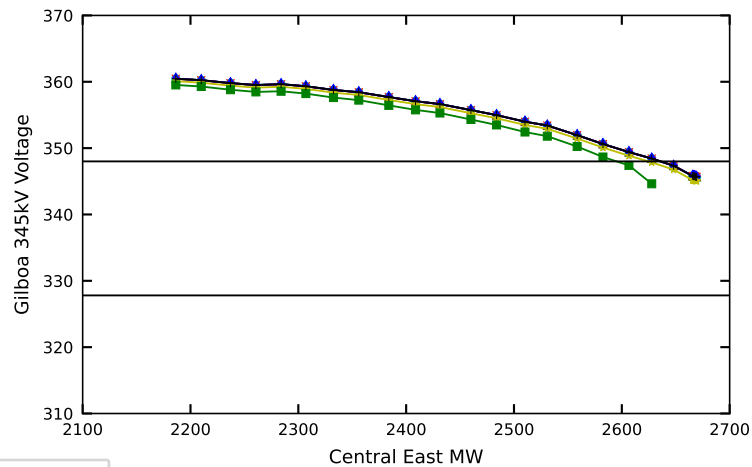
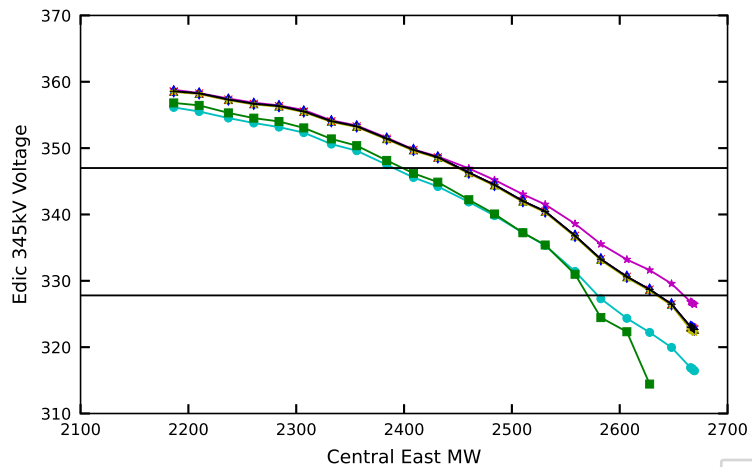
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
99998 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	NA	500	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

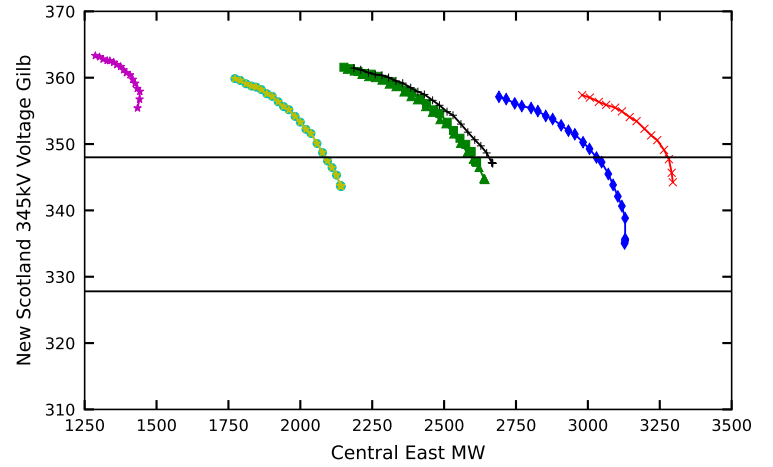
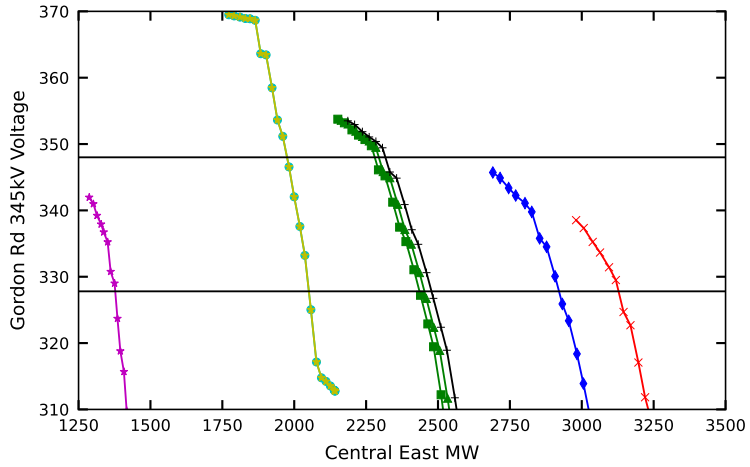
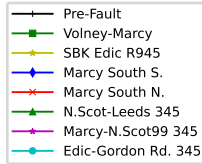
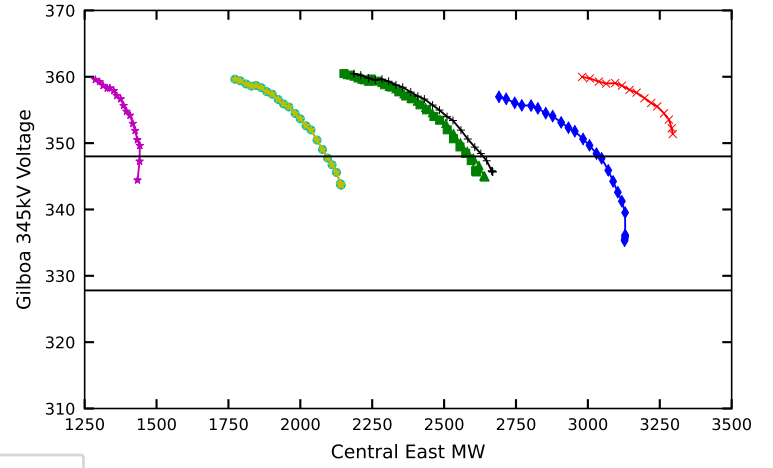
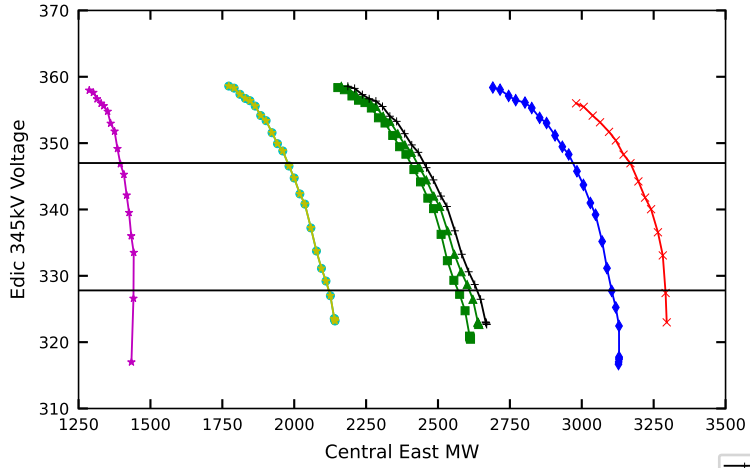
1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS Figure 1



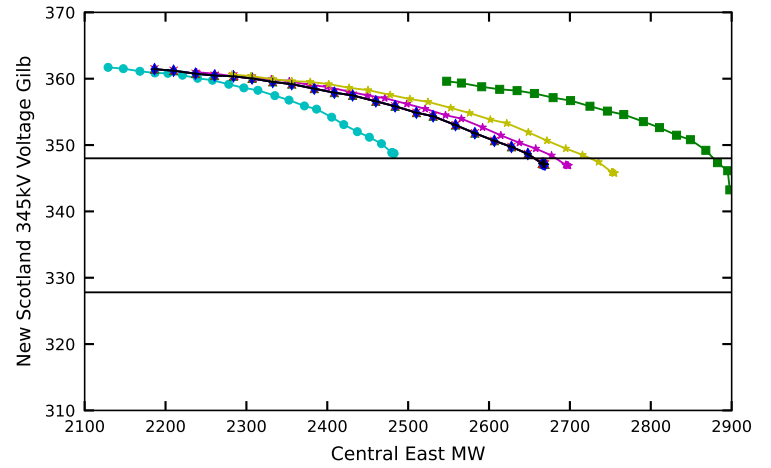
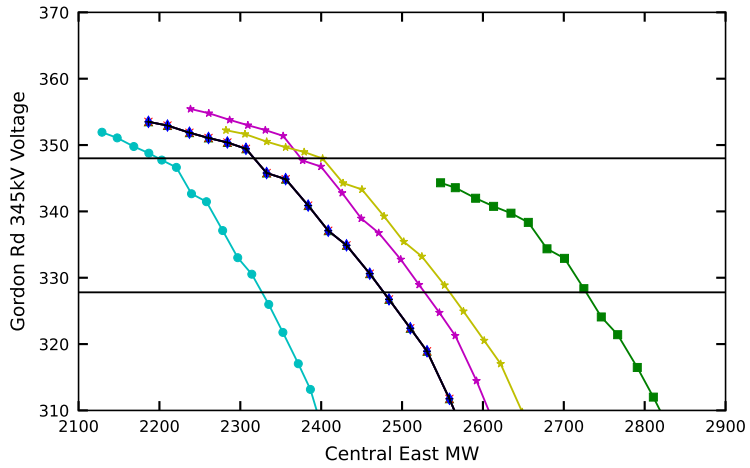
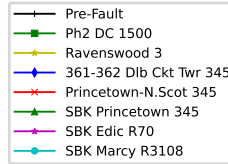
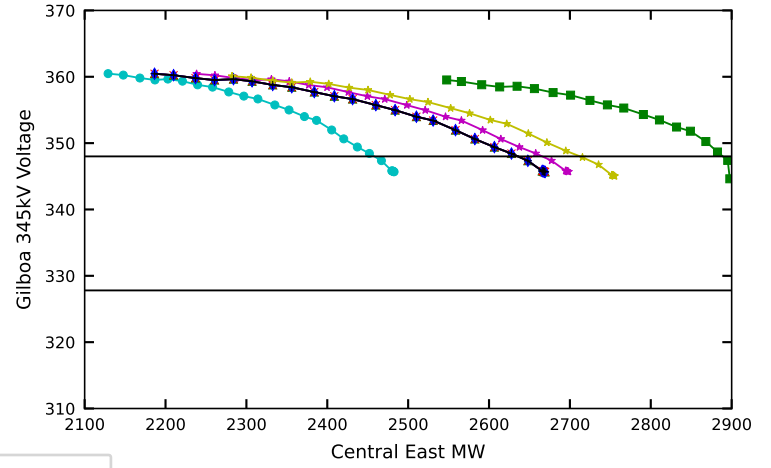
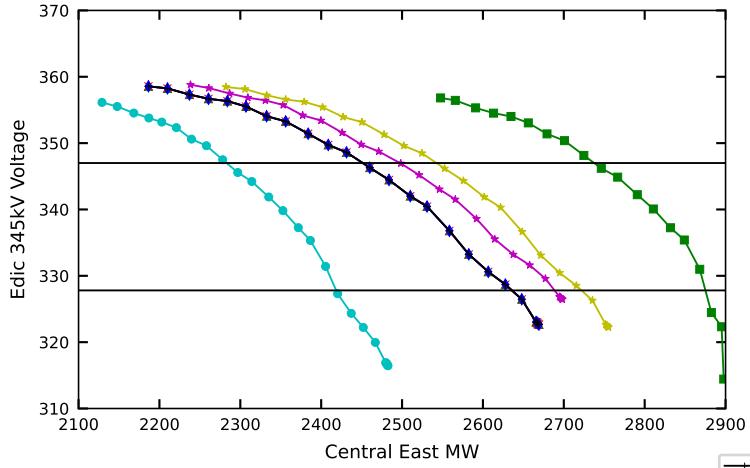
1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS Figure 2



1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS Figure 1



1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 4O 371_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2186	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2209	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2237	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2260	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2284	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2306	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2332	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2356	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2383	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2408	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2431	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2460	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2483	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2510	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2530	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
2558	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2582	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2606	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2627	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2648	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2
	0															
2665	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2
	1															
2666	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2
	2															
2667	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2
	3															
2668	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2
	4															
2669	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-14-2023 13:30

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 4O 371_OS

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\4O\371_OS\Sum2023_CEVC_PH2_4O_371_OS.xlsx

1: 2023S CEVC PH2 CE2180 MS2270 DE1300 4O 371_OS

Interface: Central East

Dlb Ckt																							
Twr 345																							
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																							
wood 3																							
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2
Ph2 DC																							
1500																							

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2064 <E	Dunwoodie 345kV Voltage	Pre-Fault	121.0	NA	348	2064
2075 <E	Sprain Brook 345kV Voltage	Pre-Fault	121.3	NA	348	2075
2316	Gordon Rd 345kV Voltage	Marcy South N.	5.3	327.8	348.1	3127
2317	Gordon Rd 345kV Voltage	Pre-Fault	7.0	NA	348	2317
2362	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.2	327.8	344.0	1377
2387	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.8	327.8	340.4	2727
2397	Gordon Rd 345kV Voltage	Marcy South S.	5.9	327.8	338.8	2920
2404	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1369
2404	limit with 5% margin	Marcy South N.	NA	NA	NA	3130
2438	Marcy 345kV Voltage	Pre-Fault	12.3	NA	348	2438
2448	Gordon Rd 345kV Voltage	SBK Marcy R3108	6.3	327.8	332.3	2326
2451	Edic 345kV Voltage	Pre-Fault	12.5	NA	347	2451
2466	Gordon Rd 345kV Voltage	Ravenswood 3	6.1	327.8	329.6	2558
2477	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	327.8	2452
2477	Gordon Rd 345kV Voltage	SBK Princetown 345	6.1	327.8	327.8	2477
2477	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	327.8	2477
2477	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	327.8	2477
2480	Gordon Rd 345kV Voltage	Volney-Marcy	6.2	327.8	327.3	2435
2490	Gordon Rd 345kV Voltage	SBK Edic R70	6.3	327.8	325.6	2527
2491	Millwood 345kV Voltage	Pre-Fault	69.3	NA	348	2491
2496	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2752
2508	Edic 345kV Voltage	Marcy South N.	4.7	327.8	342.2	3290
2508	Marcy 345kV Voltage	Marcy South N.	4.6	327.8	342.1	3290
2532	limit with 5% margin	Marcy South S.	NA	NA	NA	2973
2535	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2034
2535	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2510
2535	limit with 5% margin	SBK Edic R945	NA	NA	NA	2034
2535	limit with 5% margin	Volney-Marcy	NA	NA	NA	2482
2535	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2358
2535	limit with 5% margin	SBK Edic R70	NA	NA	NA	2563
2535	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2535
2535	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2535
2535	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2535
2535	limit with 5% margin	Ravenswood 3	NA	NA	NA	2617
2539 >E	Oakdale 345kV Voltage	Marcy South N.	6.4	320	346.5	3296
2549	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	314.2	2050
2549	Gordon Rd 345kV Voltage	SBK Edic R945	3.4	327.8	314.2	2050
2558	Buchanan North 345kV Voltage	Pre-Fault	53.5	NA	346	2558
2559 >E	Clay 345kV Voltage	Marcy South N.	6.3	327.8	346.3	3300

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2562	Pannell Road 345kV Voltage	Pre-Fault	17.1	NA	346	2562
2563	Station 80 345kV Voltage	Pre-Fault	21.4	NA	346	2563
2566	Clay 345kV Voltage	Pre-Fault	11.9	NA	345	2566
2570	Edic 345kV Voltage	Ph2 DC 1500	3.7	327.8	335.1	2875
2570	Marcy 345kV Voltage	Ph2 DC 1500	3.6	327.8	334.9	2875
2577 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	8.2	327.8	336.9	1461
2579	Edic 345kV Voltage	SBK Marcy R3108	5.8	327.8	333.7	2418
2585 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	8.3	327.8	336.3	1464
2604 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	12.5	327.8	342.3	1472
2606	Edic 345kV Voltage	Marcy South S.	7.0	327.8	330.7	3103
2607	Marcy 345kV Voltage	Marcy South S.	8.4	327.8	330.4	3104
2610	Rock Tavern 345kV Voltage	Pre-Fault	32.0	NA	348	2610
2619 >E	Pannell Road 345kV Voltage	Marcy South N.	9.8	327.8	344.8	3312
2621	Edic 345kV Voltage	Volney-Marcy	10.0	327.8	329.2	2569
2623	Marcy 345kV Voltage	Volney-Marcy	9.9	327.8	329.0	2571
2624	Fraser 345kV Voltage	Pre-Fault	10.7	NA	338	2624
2625	Coopers Corners 345kV Voltage	Pre-Fault	14.0	NA	338	2625
2627	Oakdale 345kV Voltage	Pre-Fault	10.3	NA	335	2627
2629 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	9.4	327.8	342.4	1483
2634	Edic 345kV Voltage	Ravenswood 3	9.1	327.8	328.0	2721
2634	Marcy 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	327.8	2115
2634	Marcy 345kV Voltage	N.Scot-Leeds 345	9.1	327.8	327.8	2608
2634	Marcy 345kV Voltage	SBK Edic R945	9.1	327.8	327.8	2115
2634	Marcy 345kV Voltage	SBK Marcy R3108	9.1	327.8	327.8	2457
2634	Marcy 345kV Voltage	SBK Edic R70	9.1	327.8	327.8	2664
2634	Marcy 345kV Voltage	SBK Princetown 345	9.1	327.8	327.8	2634
2634	Marcy 345kV Voltage	Princetown-N.Scot 345	9.1	327.8	327.8	2634
2634	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	327.8	2634
2634	Marcy 345kV Voltage	Ravenswood 3	9.1	327.8	327.8	2722
2635	Gilboa 345kV Voltage	Pre-Fault	18.6	NA	348	2635
2635	Edic 345kV Voltage	N.Scot-Leeds 345	9.1	327.8	327.8	2609
2635	Edic 345kV Voltage	SBK Princetown 345	9.1	327.8	327.8	2635
2635	Edic 345kV Voltage	Princetown-N.Scot 345	9.1	327.8	327.8	2635
2635	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	327.8	2635
2640	Edic 345kV Voltage	SBK Edic R945	9.2	327.8	327.3	2120
2640	Edic 345kV Voltage	Edic-Gordon Rd. 345	9.2	327.8	327.3	2120
2646 >E	Clay 345kV Voltage	Ph2 DC 1500	4.3	327.8	339.8	2900
2649 >E	Fraser 345kV Voltage	Ph2 DC 1500	3.7	327.8	335.6	2900
2649 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.6	320	332.8	2900

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2653 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	5.1	327.8	336.0	2900
2655 >E	Station 80 345kV Voltage	Marcy South N.	11.5	327.8	344.2	3319
2656	New Scotland 345kV Voltage Alps	Pre-Fault	12.2	NA	348	2656
2656	New Scotland 345kV Voltage Gilb	Pre-Fault	12.2	NA	348	2656
2658 >E	Ramapo 500kV Voltage	Ph2 DC 1500	24.8	500	506.8	2901
2659	Edic 345kV Voltage	SBK Edic R70	6.5	327.8	324.2	2688
2660 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	7.1	218.5	227.3	2901
2667	Buchanan South 345kV Voltage	Pre-Fault	65.3	NA	346	2667
2677 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	10.0	320	339.2	1503
2680 >E	Coopers Corners 345kV Voltage	SBK Edic R945	18.0	327.8	333.2	2149
2680 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	18.0	327.8	333.2	2149
2687 >E	Pleasant Valley 345kV Voltage	Pre-Fault	182.7	NA	348	2687
2689 >E	Fraser 345kV Voltage	Marcy South S.	5.4	327.8	327.9	3129
2700 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	7.3	327.8	340.4	2906
2702 >E	Oakdale 345kV Voltage	Marcy South S.	4.6	320	321.5	3130
2703 >E	Clay 345kV Voltage	Marcy South S.	6.2	327.8	332.7	3130
2709 >E	Gilboa 345kV Voltage	Marcy South S.	5.2	327.8	342.0	3130
2710 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.6	327.8	343.6	3130
2710 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.6	327.8	343.6	3130
2713 >E	St.Lawrence 230kV Voltage	Pre-Fault	48.1	NA	225	2713
2714 >E	Oakdale 345kV Voltage	SBK Marcy R3108	13.6	320	325.9	2518
2716 >E	Fraser 345kV Voltage	SBK Edic R945	13.1	327.8	329.1	2175
2716 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	13.2	327.8	329.1	2175
2721 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	13.1	327.8	338.9	1521
2721 >E	Coopers Corners 345kV Voltage	Ravenswood 3	22.5	327.8	331.7	2804
2729 >E	Station 80 345kV Voltage	Ph2 DC 1500	9.2	327.8	340.9	2910
2733 >E	Oakdale 345kV Voltage	SBK Edic R945	13.3	320	324.7	2187
2734 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	13.3	320	324.7	2187
2734 >E	Clay 345kV Voltage	SBK Marcy R3108	14.1	327.8	333.1	2535
2739 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	17.0	327.8	327.8	2712
2739 >E	Fraser 345kV Voltage	Volney-Marcy	17.0	327.8	327.8	2675
2739 >E	Fraser 345kV Voltage	SBK Marcy R3108	17.0	327.8	327.8	2539
2739 >E	Fraser 345kV Voltage	SBK Edic R70	17.0	327.8	327.8	2768
2739 >E	Fraser 345kV Voltage	SBK Princetown 345	17.0	327.8	327.8	2739
2739 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	17.0	327.8	327.8	2739
2739 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	17.0	327.8	327.8	2739
2739 >E	Fraser 345kV Voltage	Ravenswood 3	17.0	327.8	327.8	2821
2740 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	7.3	327.8	344.8	2911
2740 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	7.3	327.8	344.8	2911
2740 >E	St.Lawrence 230kV Voltage	Marcy South S.	10.5	218.5	220.1	3130

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2742 >E	St.Lawrence 230kV Voltage	Marcy South N.	21.3	218.5	227.6	3335
2753 >E	Ramapo 500kV Voltage	Ravenswood 3	54.5	500	505.4	2835
2755 >E	Gilboa 345kV Voltage	Ph2 DC 1500	7.6	327.8	342.6	2913
2758 >E	Oakdale 345kV Voltage	Volney-Marcy	14.6	320	323.2	2693
2766 >E	Watercure 230kV Voltage	Marcy South N.	15.9	207	228.2	3339
2769 >E	New Scotland 345kV Voltage Alps	Marcy South N.	14.5	327.8	348.1	3340
2769 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	14.5	327.8	348.1	3340
2771 >E	Clay 345kV Voltage	Volney-Marcy	14.4	327.8	330.9	2704
2779 >E	Oakdale 345kV Voltage	Ravenswood 3	15.4	320	321.9	2859
2786 >E	Pannell Road 345kV Voltage	Marcy South S.	11.0	327.8	332.8	3131
2803 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	16.4	327.8	329.1	2237
2803 >E	Clay 345kV Voltage	SBK Edic R945	16.4	327.8	329.1	2237
2804 >E	Clay 345kV Voltage	Ravenswood 3	15.8	327.8	329.0	2883
2808 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	16.3	320	320.1	2781
2810 >E	Oakdale 345kV Voltage	SBK Princetown 345	16.3	320	320.0	2810
2810 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	16.3	320	320.0	2810
2810 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	16.3	320	320.0	2810
2818 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	27.5	327.8	328.2	2790
2819 >E	Leeds 345kV Voltage	Marcy South S.	7.8	327.8	345.9	3131
2820 >E	Coopers Corners 345kV Voltage	SBK Edic R70	27.9	327.8	328.2	2848
2823 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	56.7	500	504.9	1564
2824 >E	Clay 345kV Voltage	N.Scot-Leeds 345	17.1	327.8	327.8	2797
2825 >E	Clay 345kV Voltage	SBK Princetown 345	17.1	327.8	327.8	2825
2825 >E	Clay 345kV Voltage	Princetown-N.Scot 345	17.1	327.8	327.8	2825
2825 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	17.1	327.8	327.8	2825
2826 >E	Oakdale 345kV Voltage	SBK Edic R70	16.6	320	319.0	2854
2830 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	27.7	327.8	327.8	2830
2830 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	27.7	327.8	327.8	2830
2830 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	27.7	327.8	327.8	2830
2833 >E	Coopers Corners 345kV Voltage	Volney-Marcy	26.2	327.8	327.7	2760
2834 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	32.2	218.5	222.5	2616
2838 >E	Station 80 345kV Voltage	Marcy South S.	13.8	327.8	332.8	3131
2850 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	12.5	327.8	340.5	2924
2854 >E	Clay 345kV Voltage	SBK Edic R70	17.3	327.8	326.1	2883
2861 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	20.8	327.8	337.9	1580
2872 >E	St.Lawrence 230kV Voltage	Volney-Marcy	31.0	218.5	221.7	2795
2873 >E	Fraser 345kV Voltage	Marcy South N.	16.8	327.8	327.8	3360
2878 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	20.1	327.8	331.8	2651

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2890 >E	Pleasant Valley 345kV Voltage	Marcy South S.	13.3	327.8	337.5	3132
2908 >E	Pannell Road 345kV Voltage	Volney-Marcy	20.2	327.8	330.4	2828
2910 >E	Dunwoodie 345kV Voltage	Marcy South S.	16.2	327.8	327.6	3132
2911 >E	Ramapo 500kV Voltage	SBK Edic R945	51.0	500	503.4	2314
2911 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	51.0	500	503.4	2314
2913 >E	Sprain Brook 345kV Voltage	Marcy South S.	16.2	327.8	327.5	3132
2917 >E	Ramapo 345kV Voltage	Pre-Fault	147.4	NA	346	2917
2930 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	30.1	327.8	324.2	2694
2934 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	24.4	327.8	337.3	1610
2936 >E	Watercure 230kV Voltage	Ph2 DC 1500	14.6	207	233.3	2935
2937 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	20.6	327.8	339.3	2935
2937 >E	Pannell Road 345kV Voltage	SBK Edic R945	22.1	327.8	329.2	2332
2937 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	22.1	327.8	329.2	2332
2937 >E	Pannell Road 345kV Voltage	Ravenswood 3	21.6	327.8	329.2	3009
2938 >E	Ramapo 500kV Voltage	Marcy South S.	40.9	500	501.2	3132
2948 >E	Station 80 345kV Voltage	SBK Marcy R3108	23.2	327.8	331.1	2709
2959 >E	Millwood 345kV Voltage	Marcy South S.	16.6	327.8	327.9	3133
2963 >E	Somerset 345kV Voltage	Marcy South N.	20.9	327.8	348.2	3377
2964 >E	Niagara 230kV East Voltage	Marcy South S.	21.6	218.5	220.5	3133
2964 >E	Niagara 230kV West Voltage	Marcy South S.	21.6	218.5	220.5	3133
2969 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	23.2	327.8	327.8	2942
2970 >E	Pannell Road 345kV Voltage	SBK Princetown 345	23.2	327.8	327.8	2970
2970 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	23.2	327.8	327.8	2970
2970 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	23.2	327.8	327.8	2970
2972 >E	Station 80 345kV Voltage	Volney-Marcy	23.0	327.8	330.2	2885
2972 >E	St.Lawrence 230kV Voltage	Ravenswood 3	43.8	218.5	219.6	3043
2988 >E	Somerset 345kV Voltage	Ph2 DC 1500	17.3	327.8	347.2	2941
2991 >E	Ramapo 345kV Voltage	Ph2 DC 1500	19.0	327.8	342.1	2942
2992 >E	Pannell Road 345kV Voltage	SBK Edic R70	23.4	327.8	326.8	3021
2994 >E	Station 80 345kV Voltage	Ravenswood 3	24.4	327.8	329.3	3064
3002 >E	Station 80 345kV Voltage	SBK Edic R945	25.0	327.8	329.1	2378
3002 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	25.0	327.8	329.1	2378
3009 >E	Millwood 345kV Voltage	Ph2 DC 1500	22.2	327.8	339.7	2944
3010 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	18.7	327.8	342.1	2944
3011 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	21.1	327.8	340.9	2944
3022 >E	Leeds 345kV Voltage	Ph2 DC 1500	15.1	327.8	345.2	2946
3024 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	26.4	327.8	338.0	2946
3026 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	48.1	218.5	218.5	3026
3026 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	48.1	218.5	218.5	3026
3026 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr	48.1	218.5	218.5	3026

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3027 >E	Ramapo 500kV Voltage	Marcy South N.	66.4	500	502.7	3389
3027 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	48.2	218.5	218.5	3000
3028 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	26.7	327.8	338.0	2946
3028 >E	Ladentown 345kV Voltage	Ph2 DC 1500	19.4	327.8	343.0	2946
3033 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	42.2	218.5	222.9	1652
3034 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	26.1	327.8	327.8	3007
3035 >E	Station 80 345kV Voltage	SBK Princetown 345	26.1	327.8	327.8	3035
3035 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	26.1	327.8	327.8	3035
3035 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	26.1	327.8	327.8	3035
3042 >E	St.Lawrence 230kV Voltage	SBK Edic R70	50.1	218.5	218.2	3071
3044 >E	Buchanan South 345kV Voltage	Marcy South S.	18.7	327.8	325.1	3133
3052 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	23.9	327.8	338.9	1660
3053 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	48.7	218.5	217.9	2414
3053 >E	St.Lawrence 230kV Voltage	SBK Edic R945	48.7	218.5	217.9	2415
3056 >E	Station 80 345kV Voltage	SBK Edic R70	26.4	327.8	327.0	3084
3057 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	19.3	327.8	344.1	2950
3066 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	19.3	327.8	344.4	2951
3070 >E	Buchanan North 345kV Voltage	Marcy South S.	21.1	327.8	321.7	3134
3076 >E	Roseton 345kV Voltage	Ph2 DC 1500	19.7	327.8	343.1	2952
3097 >E	Roseton 345kV Voltage	Marcy South S.	18.2	327.8	330.8	3134
3100 >E	Ramapo 500kV Voltage	SBK Marcy R3108	67.5	500	501.0	2832
3103 >E	Gilboa 345kV Voltage	Marcy South N.	24.3	327.8	337.5	3403
3105 >E	Gilboa 345kV Voltage	SBK Edic R945	27.4	327.8	333.2	2451
3105 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	27.4	327.8	333.2	2451
3105 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	27.6	327.8	334.3	2452
3105 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	27.6	327.8	334.3	2452
3105 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	27.6	327.8	334.3	2451
3105 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	27.6	327.8	334.3	2451
3119 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	28.2	207	221.9	1688
3127 >E	Ramapo 500kV Voltage	Volney-Marcy	72.3	500	500.6	3025
3146 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	28.3	327.8	333.1	3119
3146 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	28.3	327.8	333.1	3119
3148 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	76.0	500	500.3	3121
3155 >E	Ladentown 345kV Voltage	Pre-Fault	155.9	NA	346	3155
3174 >E	Ramapo 500kV Voltage	Pre-Fault	78.0	NA	500	3174
3174 >E	Ramapo 500kV Voltage	SBK Princetown 345	78.0	500	500.0	3174
3174 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	78.0	500	500.0	3174
3174 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	78.0	500	500.0	3174

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3179 >E	Ramapo 500kV Voltage	SBK Edic R70	78.8	500	499.9	3208
3204 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	34.7	327.8	337.4	1723
3238 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	33.3	327.8	329.4	3211
3239 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	31.7	327.8	330.4	3296
3239 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	31.7	327.8	330.4	3296
3253 >E	Gilboa 345kV Voltage	Ravenswood 3	33.9	327.8	329.0	3309
3283 >E	Gilboa 345kV Voltage	Volney-Marcy	34.4	327.8	328.1	3165
3289 >E	Gilboa 345kV Voltage	SBK Marcy R3108	34.7	327.8	327.9	2986
3294 >E	Gilboa 345kV Voltage	SBK Princetown 345	35.0	327.8	327.8	3294
3294 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	35.0	327.8	327.8	3294
3294 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	35.0	327.8	327.8	3294
3297 >E	Gilboa 345kV Voltage	SBK Edic R70	35.1	327.8	327.7	3326
3298 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	32.3	327.8	328.7	3178
3298 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	32.3	327.8	328.7	3178
3298 >E	Rock Tavern 345kV Voltage	Marcy South S.	22.8	327.8	302.7	3136
3299 >E	Leeds 345kV Voltage	Pre-Fault	76.2	NA	345	3299
3302 >E	Somerset 345kV Voltage	Pre-Fault	47.1	NA	338	3302
3310 >E	Ladentown 345kV Voltage	Marcy South S.	25.4	327.8	315.7	3136
3322 >E	Ramapo 345kV Voltage	Marcy South S.	26.5	327.8	314.8	3137
3327 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	34.2	327.8	327.8	3327
3327 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	34.2	327.8	327.8	3327
3327 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	34.2	327.8	327.8	3327
3327 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	34.2	327.8	327.8	3327
3327 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	34.2	327.8	327.8	3327
3327 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	34.2	327.8	327.8	3327
3328 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	34.5	327.8	327.8	3357
3328 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	34.5	327.8	327.8	3357
3361 >E	Rock Tavern 345kV Voltage	SBK Edic R945	44.4	327.8	338.0	2634
3362 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	44.4	327.8	338.0	2634
3363 >E	Watercure 230kV Voltage	Pre-Fault	39.8	NA	215	3363
3396 >E	Bowline 1 345kV Voltage	Marcy South S.	27.0	327.8	312.9	3137
3422 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	36.0	327.8	325.0	3093
3422 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	36.0	327.8	325.0	3093
3432 >E	Bowline 2 345kV Voltage	Marcy South S.	27.9	327.8	311.3	3138
3440 >E	Rock Tavern 345kV Voltage	Ravenswood 3	55.6	327.8	337.2	3486
3445 >E	Coopers Corners 345kV Voltage	Marcy South N.	31.6	327.8	302.2	3467
3448 >E	Watercure 230kV Voltage	SBK Marcy R3108	33.2	207	212.9	3115
3460 >E	Watercure 230kV Voltage	SBK Edic R945	32.9	207	212.6	2704

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3460 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	32.9	207	212.6	2704
3482 >E	Leeds 345kV Voltage	Marcy South N.	34.3	327.8	343.9	3474
3535 >E	Watercure 230kV Voltage	Volney-Marcy	35.4	207	210.7	3392
3555 >E	Coopers Corners 345kV Voltage	Marcy South S.	24.3	327.8	211.6	3139
3560 >E	Roseton 345kV Voltage	Pre-Fault	166.4	NA	345	3560
3562 >E	Bowline 1 345kV Voltage	Pre-Fault	155.9	NA	345	3562
3576 >E	Watercure 230kV Voltage	Ravenswood 3	37.0	207	209.7	3615
3601 >E	Niagara 230kV East Voltage	Marcy South N.	76.4	218.5	231.3	3497
3601 >E	Niagara 230kV West Voltage	Marcy South N.	76.4	218.5	231.3	3497
3604 >E	Buchanan North 345kV Voltage	Ravenswood 3	96.1	327.8	337.7	3642
3611 >E	Niagara 345kV Voltage	Ph2 DC 1500	35.1	327.8	353.1	3017
3633 >E	Niagara 345kV Voltage	Marcy South N.	39.7	327.8	352.0	3503
3634 >E	Bowline 2 345kV Voltage	Pre-Fault	155.9	NA	345	3634
3643 >E	Somerset 345kV Voltage	SBK Marcy R3108	42.5	327.8	330.8	3272
3643 >E	Somerset 345kV Voltage	Volney-Marcy	41.9	327.8	330.8	3488
3656 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	46.9	327.8	339.5	1913
3676 >E	Somerset 345kV Voltage	Ravenswood 3	43.9	327.8	330.1	3710
3679 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	39.8	207	207.1	3652
3682 >E	Watercure 230kV Voltage	SBK Princetown 345	39.8	207	207.0	3682
3682 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	39.8	207	207.0	3682
3682 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	39.8	207	207.0	3682
3686 >E	Niagara 230kV East Voltage	Ph2 DC 1500	76.2	218.5	232.5	3027
3686 >E	Niagara 230kV West Voltage	Ph2 DC 1500	76.2	218.5	232.5	3027
3708 >E	Watercure 230kV Voltage	SBK Edic R70	40.4	207	206.3	3736
3715 >E	Somerset 345kV Voltage	SBK Edic R945	45.1	327.8	329.2	2886
3716 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	45.1	327.8	329.2	2886
3746 >E	Gardenville 230kV Voltage	Marcy South N.	50.4	207	228.5	3524
3782 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	47.1	327.8	327.8	3754
3782 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	71.7	327.8	333.6	1965
3782 >E	Somerset 345kV Voltage	SBK Princetown 345	47.1	327.8	327.8	3782
3782 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	47.1	327.8	327.8	3782
3782 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	47.1	327.8	327.8	3782
3806 >E	Somerset 345kV Voltage	SBK Edic R70	47.6	327.8	327.3	3834
3846 >E	Buchanan North 345kV Voltage	SBK Edic R945	81.4	327.8	336.2	2979
3849 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	81.6	327.8	336.2	2981
3864 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	62.5	327.8	335.9	2000
3942 >E	Ramapo 345kV Voltage	Ravenswood 3	83.9	327.8	339.0	3963
3945 >E	Pleasant Valley 345kV Voltage	Marcy South N.	62.8	327.8	337.0	3562
3955 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	47.3	327.8	317.2	2038

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3955 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	47.3	327.8	317.2	2038
3978 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	70.4	327.8	338.8	3073
3981 >E	Ramapo 345kV Voltage	SBK Edic R945	70.6	327.8	338.8	3075
4023 >E	Niagara 230kV East Voltage	Pre-Fault	178.3	NA	225	4023
4023 >E	Niagara 230kV West Voltage	Pre-Fault	178.3	NA	225	4023
4065 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	66.5	327.8	335.6	2084
4089 >E	Sprain Brook 345kV Voltage	Ravenswood 3	189.7	327.8	338.3	4102
4108 >E	Ladentown 345kV Voltage	Ravenswood 3	89.2	327.8	339.9	4120
4119 >E	Buchanan South 345kV Voltage	Ravenswood 3	118.2	327.8	339.1	4130
4127 >E	Dunwoodie 345kV Voltage	Ravenswood 3	197.2	327.8	338.3	4138
4162 >E	Gardenville 230kV Voltage	Marcy South S.	57.3	207	214.9	3146
4169 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	66.4	327.8	336.1	2127
4180 >E	Ladentown 345kV Voltage	SBK Edic R945	75.0	327.8	339.4	3217
4184 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	75.2	327.8	339.4	3219
4185 >E	Rainey 345kV Voltage	Marcy South S.	58.2	327.8	329.0	3146
4198 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	66.3	327.8	336.2	2140
4217 >E	Farragut 345kV Voltage	Marcy South S.	60.6	327.8	329.1	3147
4221 >E	Millwood 345kV Voltage	Ravenswood 3	148.2	327.8	338.7	4227
4227 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	81.3	327.8	332.7	2151
4243 >E	Bowline 1 345kV Voltage	Ravenswood 3	88.6	327.8	340.6	4248
4246 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	90.2	327.8	328.5	4220
4248 >E	Somerset 345kV Voltage	Marcy South S.	69.6	327.8	347.2	3147
4260 >E	Rock Tavern 345kV Voltage	Volney-Marcy	88.6	327.8	328.4	4043
4283 >E	Bowline 2 345kV Voltage	Ravenswood 3	88.6	327.8	340.8	4286
4292 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	74.6	327.8	340.3	3296
4297 >E	Bowline 1 345kV Voltage	SBK Edic R945	74.8	327.8	340.3	3300
4315 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	93.1	327.8	327.8	4315
4315 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	93.1	327.8	327.8	4315
4315 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	93.1	327.8	327.8	4315
4322 >E	Rock Tavern 345kV Voltage	SBK Edic R70	94.2	327.8	327.7	4351
4327 >E	Bowline 2 345kV Voltage	SBK Edic R945	74.6	327.8	340.6	3321
4331 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	74.8	327.8	340.5	3324
4362 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	72.2	327.8	333.3	2208
4380 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	93.3	327.8	331.0	2216
4380 >E	Buchanan South 345kV Voltage	SBK Edic R945	98.3	327.8	337.9	3359
4380 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	98.3	327.8	337.9	3359
4419 >E	Rock Tavern 345kV Voltage	Marcy South N.	68.9	327.8	313.0	3651
4449 >E	Niagara 345kV Voltage	Pre-Fault	88.1	NA	338	4449
4460 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	94.8	327.8	326.2	3936
4460 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	112.0	327.8	330.2	2249

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4490 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	114.0	327.8	330.0	2262
4609 >E	Leeds 345kV Voltage	Volney-Marcy	76.2	327.8	327.8	4357
4609 >E	Leeds 345kV Voltage	SBK Edic R70	76.2	327.8	327.8	4637
4609 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	76.2	327.8	327.8	4583
4609 >E	Leeds 345kV Voltage	SBK Marcy R3108	76.2	327.8	327.8	4057
4609 >E	Leeds 345kV Voltage	SBK Princetown 345	76.2	327.8	327.8	4609
4609 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	76.2	327.8	327.8	4609
4609 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	76.2	327.8	327.8	4609
4609 >E	Leeds 345kV Voltage	Ravenswood 3	76.2	327.8	327.8	4596
4613 >E	Millwood 345kV Voltage	SBK Edic R945	120.6	327.8	337.3	3525
4613 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	120.6	327.8	337.3	3524
4614 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	76.4	327.8	327.7	3525
4614 >E	Leeds 345kV Voltage	SBK Edic R945	76.4	327.8	327.7	3526
4626 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	70.9	327.8	327.8	2319
4658 >E	Roseton 345kV Voltage	SBK Edic R945	91.1	327.8	338.4	3557
4664 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	91.4	327.8	338.4	3560
4707 >E	Roseton 345kV Voltage	Marcy South N.	81.3	327.8	329.4	3706
4725 >E	Goethals 345kV Voltage	Marcy South S.	81.1	327.8	329.2	3152
4728 >E	Rainey 345kV Voltage	Ph2 DC 1500	81.0	327.8	345.2	3154
4752 >E	Farragut 345kV Voltage	Ph2 DC 1500	83.5	327.8	345.0	3157
4797 >E	Sprain Brook 345kV Voltage	SBK Edic R945	154.3	327.8	336.4	3656
4797 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	154.3	327.8	336.4	3655
4825 >E	Gardenville 230kV Voltage	Ph2 DC 1500	83.6	207	247.5	3166
4835 >E	Buchanan North 345kV Voltage	Marcy South N.	113.4	327.8	322.7	3730
4855 >E	Roseton 345kV Voltage	Ravenswood 3	111.5	327.8	337.2	4828
4855 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	159.3	327.8	336.5	3697
4867 >E	Dunwoodie 345kV Voltage	SBK Edic R945	160.1	327.8	336.5	3706
4896 >E	Niagara 230kV East Voltage	Volney-Marcy	158.8	218.5	220.1	4614
4896 >E	Niagara 230kV West Voltage	Volney-Marcy	158.8	218.5	220.1	4614
4897 >E	Millwood 345kV Voltage	Marcy South N.	115.5	327.8	326.4	3741
4948 >E	Niagara 230kV East Voltage	Ravenswood 3	165.0	218.5	219.8	4916
4948 >E	Niagara 230kV West Voltage	Ravenswood 3	165.0	218.5	219.8	4916
4951 >E	Niagara 230kV East Voltage	SBK Marcy R3108	163.2	218.5	219.8	4335
4951 >E	Niagara 230kV West Voltage	SBK Marcy R3108	163.2	218.5	219.8	4335
4956 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	97.2	327.8	326.7	2457
4983 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	115.4	327.8	335.4	3788
4983 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	115.4	327.8	335.4	3787
5022 >E	Niagara 230kV East Voltage	SBK Edic R945	168.7	218.5	219.4	3816
5022 >E	Niagara 230kV West Voltage	SBK Edic R945	168.7	218.5	219.4	3816
5022 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	168.7	218.5	219.4	3815

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5022 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	168.7	218.5	219.4	3815
5026 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	137.9	327.8	335.2	4991
5043 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	154.3	327.8	329.0	5016
5045 >E	Sprain Brook 345kV Voltage	Marcy South N.	140.7	327.8	325.7	3769
5047 >E	Niagara 345kV Voltage	Volney-Marcy	78.6	327.8	331.2	4750
5054 >E	Dunwoodie 345kV Voltage	Marcy South N.	142.1	327.8	325.8	3771
5105 >E	Niagara 345kV Voltage	SBK Marcy R3108	80.7	327.8	330.6	4460
5114 >E	Niagara 345kV Voltage	Ravenswood 3	81.8	327.8	330.5	5074
5118 >E	Buchanan North 345kV Voltage	Volney-Marcy	155.9	327.8	328.5	4814
5146 >E	Buchanan South 345kV Voltage	Marcy South N.	116.8	327.8	323.8	3789
5181 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	178.3	218.5	218.5	5154
5181 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	178.3	218.5	218.5	5154
5182 >E	Niagara 230kV East Voltage	SBK Princetown 345	178.3	218.5	218.5	5182
5182 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	178.3	218.5	218.5	5182
5182 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	178.3	218.5	218.5	5182
5182 >E	Niagara 230kV West Voltage	SBK Princetown 345	178.3	218.5	218.5	5182
5182 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	178.3	218.5	218.5	5182
5182 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	178.3	218.5	218.5	5182
5194 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	155.9	327.8	328.1	4531
5208 >E	Niagara 345kV Voltage	SBK Edic R945	84.1	327.8	329.4	3948
5216 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	84.4	327.8	329.3	3953
5220 >E	Niagara 230kV East Voltage	SBK Edic R70	180.5	218.5	218.3	5247
5220 >E	Niagara 230kV West Voltage	SBK Edic R70	180.5	218.5	218.3	5247
5240 >E	Buchanan North 345kV Voltage	SBK Princetown 345	165.5	327.8	327.8	5240
5240 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	165.5	327.8	327.8	5240
5240 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	165.5	327.8	327.8	5240
5273 >E	Buchanan North 345kV Voltage	SBK Edic R70	168.3	327.8	327.6	5300
5339 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	87.8	327.8	327.9	5313
5348 >E	Niagara 345kV Voltage	SBK Princetown 345	88.1	327.8	327.8	5348
5348 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	88.1	327.8	327.8	5348
5348 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	88.1	327.8	327.8	5348
5381 >E	Niagara 345kV Voltage	SBK Edic R70	88.9	327.8	327.4	5408
5398 >E	Goethals 345kV Voltage	Ph2 DC 1500	109.7	327.8	345.2	3236
5418 >E	Gardenville 230kV Voltage	Pre-Fault	161.9	NA	217	5418
5427 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	139.8	327.8	329.0	5400
5449 >E	Ramapo 345kV Voltage	Marcy South N.	115.7	327.8	317.9	3846
5459 >E	Ramapo 345kV Voltage	Volney-Marcy	139.2	327.8	328.8	5121

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5494 >E	Ramapo 345kV Voltage	SBK Marcy R3108	137.2	327.8	328.5	4775
5525 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	101.5	327.8	341.5	2695
5588 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	118.3	207	220.1	2721
5601 >E	Ramapo 345kV Voltage	SBK Princetown 345	147.4	327.8	327.8	5601
5601 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	147.4	327.8	327.8	5601
5601 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	147.4	327.8	327.8	5601
5634 >E	Ramapo 345kV Voltage	SBK Edic R70	149.7	327.8	327.6	5661
5787 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	147.4	327.8	329.1	5761
5853 >E	Ladentown 345kV Voltage	Volney-Marcy	148.2	327.8	328.7	5474
5858 >E	Ladentown 345kV Voltage	Marcy South N.	126.8	327.8	316.0	3923
5867 >E	Ladentown 345kV Voltage	SBK Marcy R3108	145.3	327.8	328.6	5078
5886 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	161.0	327.8	330.5	5859
5992 >E	Ladentown 345kV Voltage	SBK Princetown 345	155.9	327.8	327.8	5992
5992 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	155.9	327.8	327.8	5992
5992 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	155.9	327.8	327.8	5992
6003 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	232.8	218.5	225.6	2895
6003 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	232.8	218.5	225.6	2895
6009 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	146.7	327.8	329.3	5982
6052 >E	Ladentown 345kV Voltage	SBK Edic R70	159.3	327.8	327.4	6079
6059 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	146.0	327.8	329.4	6033
6075 >E	Bowline 1 345kV Voltage	Volney-Marcy	147.4	327.8	328.9	5674
6119 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	146.0	327.8	328.6	5282
6126 >E	Bowline 2 345kV Voltage	Volney-Marcy	146.7	327.8	329.0	5720
6130 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	192.1	327.8	329.6	6103
6147 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	155.1	327.8	329.5	6120
6169 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	145.3	327.8	328.7	5323
6244 >E	Bowline 1 345kV Voltage	SBK Princetown 345	155.9	327.8	327.8	6244
6244 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	155.9	327.8	327.8	6244
6244 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	155.9	327.8	327.8	6244
6290 >E	Bowline 1 345kV Voltage	SBK Edic R70	158.4	327.8	327.5	6316
6308 >E	Watercure 230kV Voltage	Marcy South S.	143.1	207	207.8	3170
6316 >E	Bowline 2 345kV Voltage	SBK Princetown 345	155.9	327.8	327.8	6316
6316 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	155.9	327.8	327.8	6316
6316 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	155.9	327.8	327.8	6316
6349 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	179.4	327.8	328.0	5921
6350 >E	Roseton 345kV Voltage	Volney-Marcy	161.9	327.8	328.2	5921
6351 >E	Gardenville 230kV Voltage	SBK Marcy R3108	138.5	207	211.2	5471

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6362 >E	Bowline 2 345kV Voltage	SBK Edic R70	158.4	327.8	327.5	6389
6367 >E	Buchanan South 345kV Voltage	Volney-Marcy	201.2	327.8	328.5	5937
6378 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	182.7	327.8	327.8	6378
6378 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	182.7	327.8	327.8	6378
6378 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	182.7	327.8	327.8	6378
6422 >E	Roseton 345kV Voltage	SBK Princetown 345	166.4	327.8	327.8	6422
6422 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	166.4	327.8	327.8	6422
6422 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	166.4	327.8	327.8	6422
6435 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	186.1	327.8	327.5	6462
6441 >E	Gardenville 230kV Voltage	Volney-Marcy	140.8	207	210.7	6004
6447 >E	Gardenville 230kV Voltage	SBK Edic R945	142.5	207	210.6	4829
6447 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	142.5	207	210.6	4828
6452 >E	Bowline 1 345kV Voltage	Marcy South N.	140.9	327.8	311.1	4035
6474 >E	Roseton 345kV Voltage	SBK Edic R70	169.2	327.8	327.5	6501
6482 >E	Bowline 2 345kV Voltage	Marcy South N.	140.0	327.8	311.2	4041
6495 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	202.6	327.8	327.9	5588
6510 >E	Buchanan South 345kV Voltage	SBK Princetown 345	211.2	327.8	327.8	6510
6510 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	211.2	327.8	327.8	6510
6510 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	211.2	327.8	327.8	6510
6550 >E	Buchanan South 345kV Voltage	SBK Edic R70	214.3	327.8	327.6	6577
6597 >E	Gardenville 230kV Voltage	Ravenswood 3	146.7	207	209.7	6481
6629 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	240.2	327.8	329.8	6603
6647 >E	Roseton 345kV Voltage	SBK Marcy R3108	171.2	327.8	326.4	5711
6758 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	194.6	327.8	325.7	5801
7021 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	161.4	207	207.1	6995
7037 >E	Gardenville 230kV Voltage	SBK Princetown 345	161.9	207	207.0	7037
7037 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	161.9	207	207.0	7037
7037 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	161.9	207	207.0	7037
7077 >E	Millwood 345kV Voltage	Volney-Marcy	261.2	327.8	328.2	6575
7085 >E	Gardenville 230kV Voltage	SBK Edic R70	163.2	207	206.7	7111
7180 >E	Millwood 345kV Voltage	SBK Princetown 345	270.7	327.8	327.8	7180
7180 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	270.7	327.8	327.8	7180
7180 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	270.7	327.8	327.8	7180
7287 >E	Millwood 345kV Voltage	SBK Edic R70	278.3	327.8	327.4	7314
7373 >E	Millwood 345kV Voltage	SBK Marcy R3108	270.7	327.8	327.1	6300
7379 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	334.6	327.8	329.7	7353

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7515 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	346.3	327.8	329.9	7488
7966 >E	Sprain Brook 345kV Voltage	Volney-Marcy	367.7	327.8	328.1	7374
8094 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	381.8	327.8	327.8	8094
8094 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	381.8	327.8	327.8	8094
8094 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	381.8	327.8	327.8	8094
8209 >E	Dunwoodie 345kV Voltage	Volney-Marcy	386.8	327.8	328.2	7592
8213 >E	Sprain Brook 345kV Voltage	SBK Edic R70	391.9	327.8	327.5	8238
8353 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	402.4	327.8	327.8	8353
8353 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	402.4	327.8	327.8	8353
8353 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	402.4	327.8	327.8	8353
8486 >E	Dunwoodie 345kV Voltage	SBK Edic R70	413.6	327.8	327.5	8511
8491 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	391.9	327.8	326.8	7207
8779 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	413.6	327.8	326.7	7441
11168 >E	Northport 138kV Voltage	Ph2 DC 1500	675.6	131.1	139.2	3941
11245 >E	Rainey 345kV Voltage	Ravenswood 3	444.5	327.8	347.0	10890
11707 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	343.4	327.8	332.3	5283
11719 >E	Farragut 345kV Voltage	Ravenswood 3	465.3	327.8	346.4	11340
11796 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	353.8	327.8	332.3	5320
14103 >E	Rainey 345kV Voltage	Marcy South N.	429.8	327.8	326.5	5479
14206 >E	Farragut 345kV Voltage	Marcy South N.	442.4	327.8	326.7	5498
14812 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	475.3	327.8	332.8	6583
14891 >E	Goethals 345kV Voltage	Ravenswood 3	583.9	327.8	347.2	14348
15160 >E	Farragut 345kV Voltage	SBK Edic R945	496.4	327.8	343.9	11029
15160 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	496.4	327.8	343.9	11026
15195 >E	Rainey 345kV Voltage	SBK Edic R945	488.2	327.8	343.9	11054
15195 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	488.2	327.8	343.9	11051

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Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
18144 >E	Goethals 345kV Voltage	Marcy South N.	600.9	327.8	327.1	6242
20036 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	692.6	327.8	344.8	14495
20450 >E	Goethals 345kV Voltage	SBK Edic R945	709.1	327.8	344.6	14794
22852 >E	Rainey 345kV Voltage	Pre-Fault	1294.8	NA	338	22852
23100 >E	Farragut 345kV Voltage	Pre-Fault	1353.7	NA	338	23100
31596 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	1145.4	327.8	331.7	31573
32161 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	1145.4	327.8	330.8	32138
32874 >E	Farragut 345kV Voltage	Volney-Marcy	1191.2	327.8	330.8	29761
33466 >E	Rainey 345kV Voltage	Volney-Marcy	1191.2	327.8	329.8	30294
34307 >E	Farragut 345kV Voltage	SBK Marcy R3108	1240.9	327.8	329.7	28161
34503 >E	Goethals 345kV Voltage	Pre-Fault	2127.2	NA	338	34503
34930 >E	Rainey 345kV Voltage	SBK Marcy R3108	1240.9	327.8	328.7	28667
36059 >E	Rainey 345kV Voltage	SBK Princetown 345	1294.8	327.8	327.8	36059
36059 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	1294.8	327.8	327.8	36059
36059 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	1294.8	327.8	327.8	36059
36907 >E	Farragut 345kV Voltage	SBK Princetown 345	1353.7	327.8	327.8	36907
36907 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	1353.7	327.8	327.8	36907
36907 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	1353.7	327.8	327.8	36907
37551 >E	Rainey 345kV Voltage	SBK Edic R70	1353.7	327.8	326.6	37559
38511 >E	Farragut 345kV Voltage	SBK Edic R70	1418.1	327.8	326.6	38519
43993	Northport 138kV Voltage	Marcy-N.Scot99 345	3250.9	131.1	133.4	18799

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Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
49458	Goethals 345kV Voltage	N.Scot-Leeds 345	1861.3	327.8	331.0	49437
>E						
49599	Goethals 345kV Voltage	Volney-Marcy	1861.3	327.8	330.9	44794
>E						
49798	Goethals 345kV Voltage	SBK Marcy R3108	1861.3	327.8	330.8	40735
>E						
56171	Goethals 345kV Voltage	SBK Edic R70	2127.2	327.8	327.8	56169
>E						
56201	Goethals 345kV Voltage	SBK Princetown 345	2127.2	327.8	327.8	56201
>E						
56201	Goethals 345kV Voltage	Princetown-N.Scot 345	2127.2	327.8	327.8	56201
>E						
56201	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	2127.2	327.8	327.8	56201
>E						
65690	Northport 138kV Voltage	Marcy South N.	4947.6	131.1	128.0	15215
>E						
71476	Northport 138kV Voltage	SBK Edic R945	5414.8	131.1	143.8	51102
>E						
78356	Northport 138kV Voltage	Edic-Gordon Rd. 345	5956.2	131.1	143.8	55978
>E						
99998	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

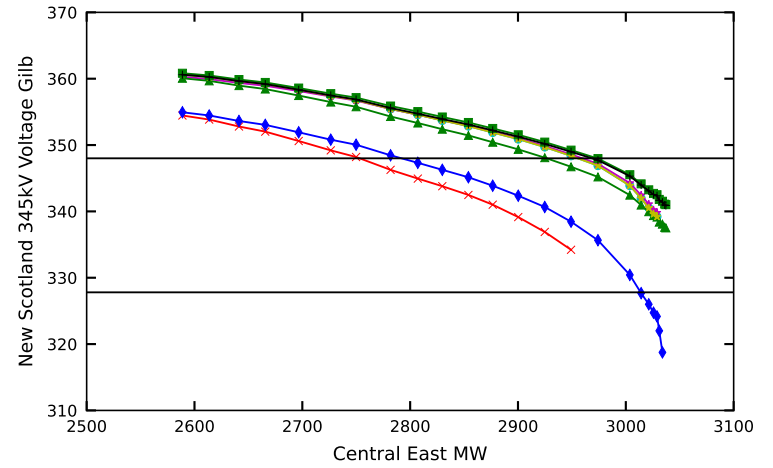
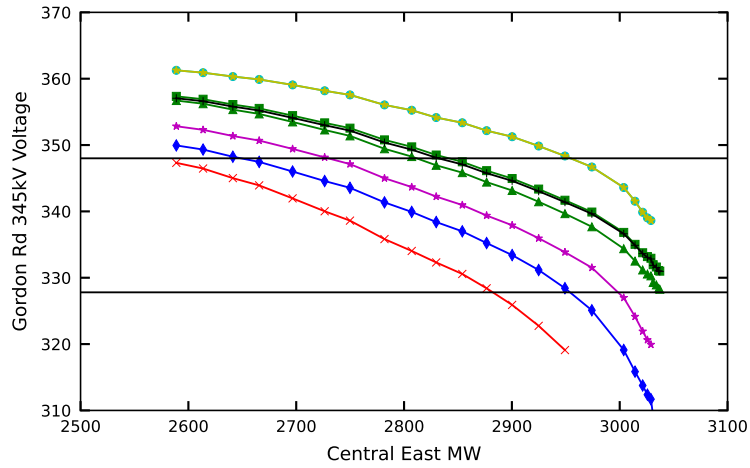
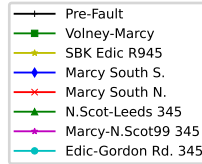
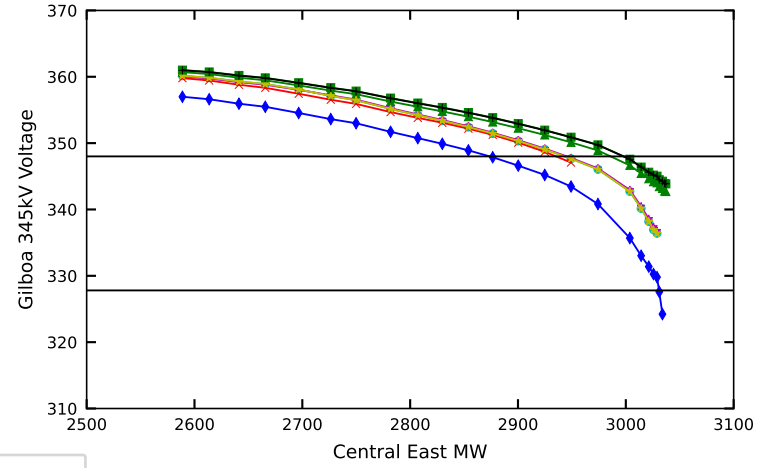
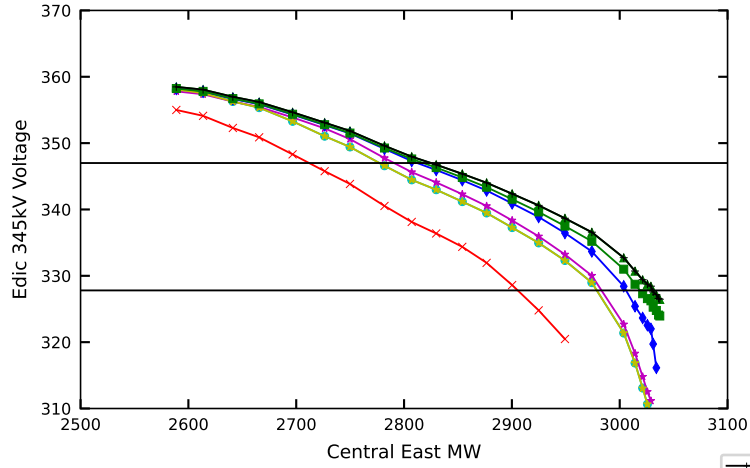
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\371_OS\Sum2023_CEVC_PH2_40_371_OS.xlsx

1: 2023S CEVC PH2 CE2180 MS2270 DE1300 40 371_OS

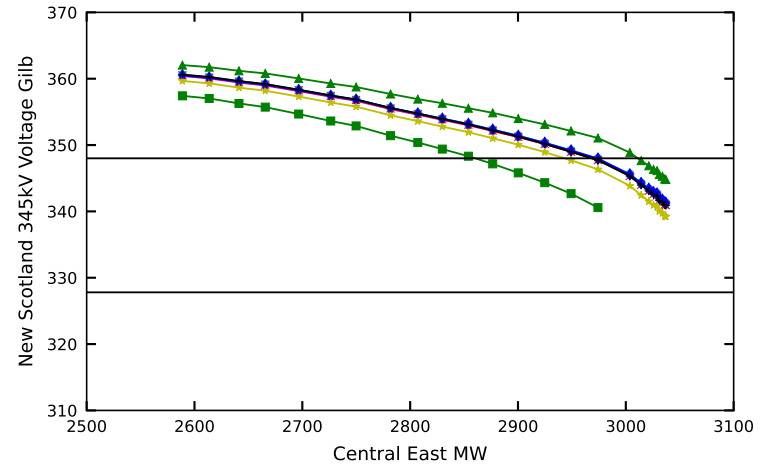
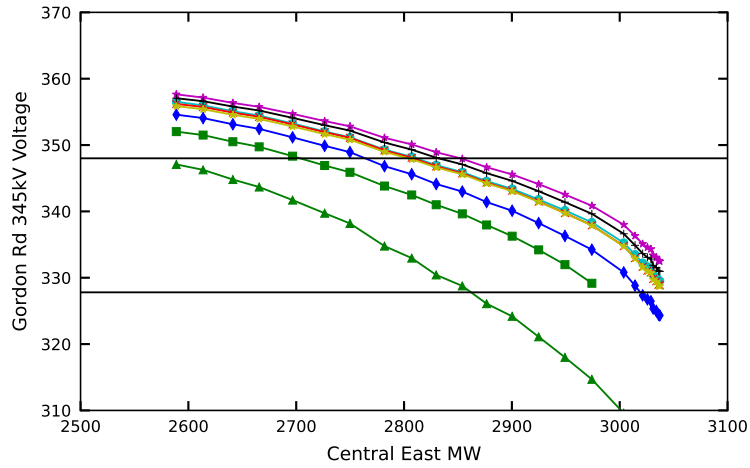
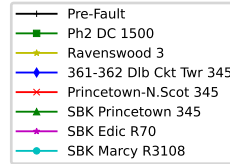
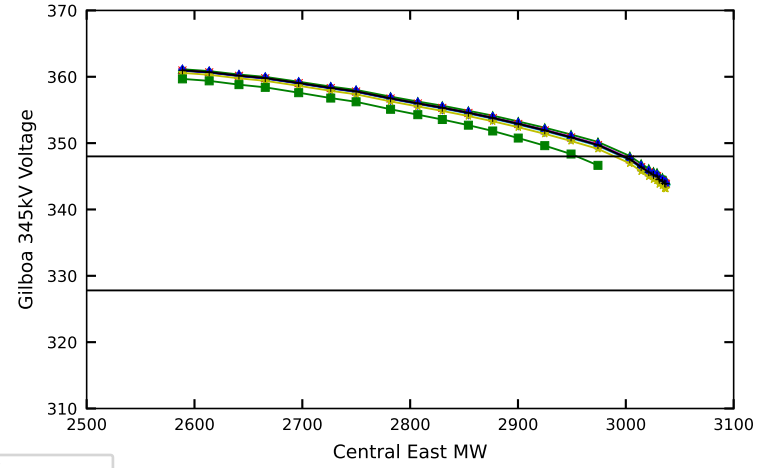
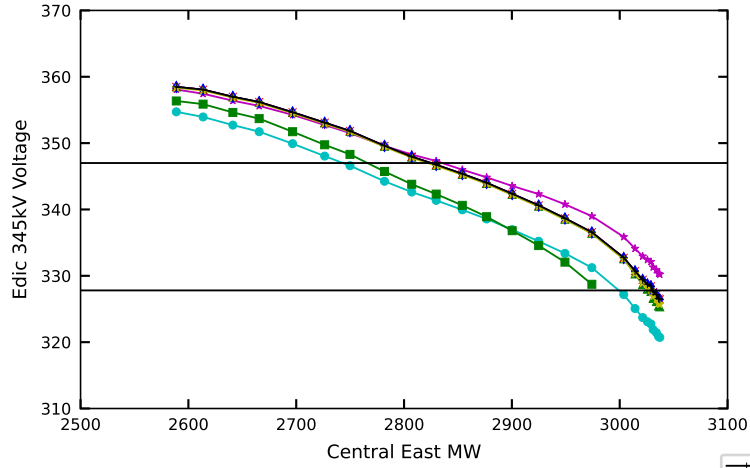
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
99999	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

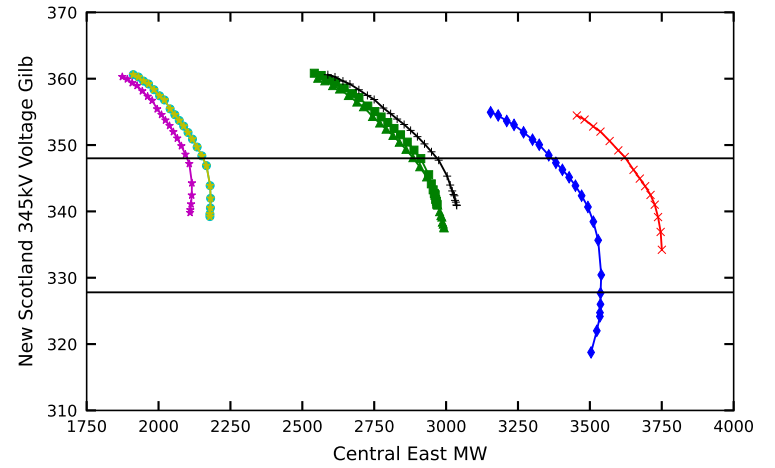
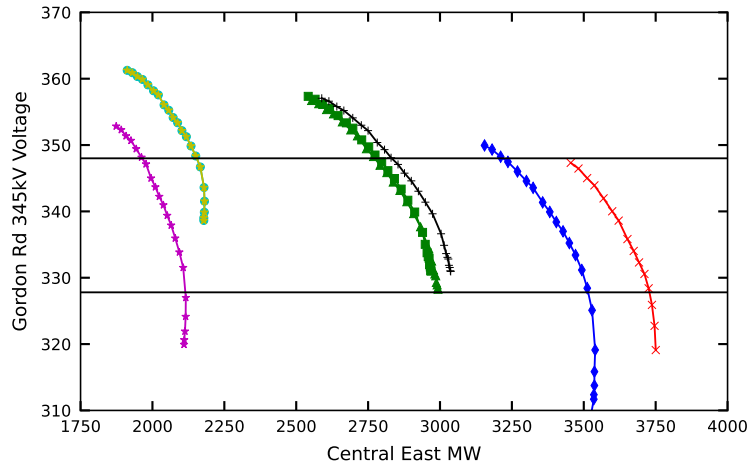
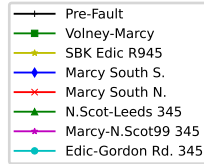
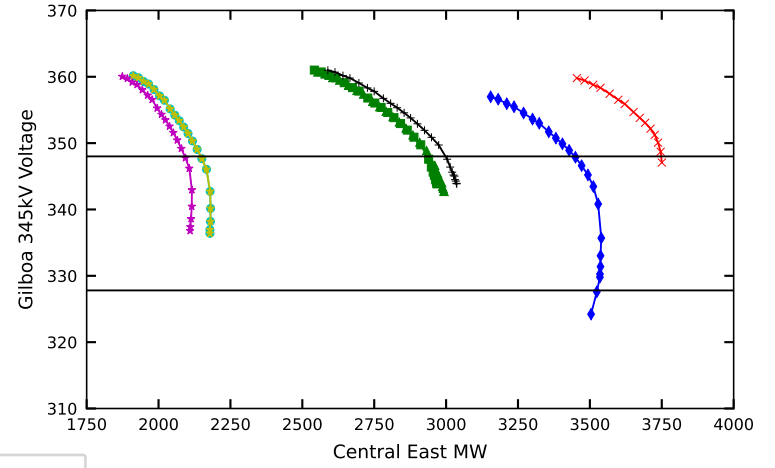
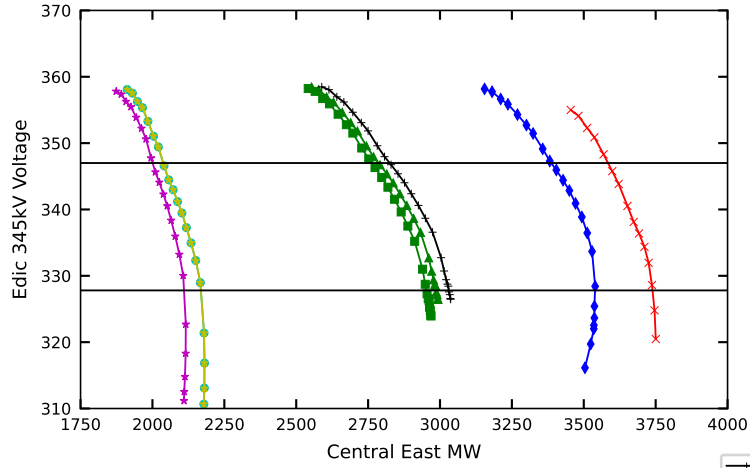
1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI Figure 1



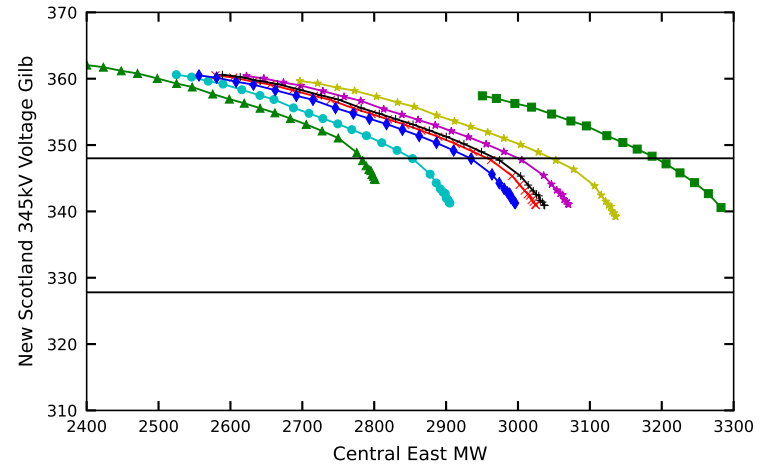
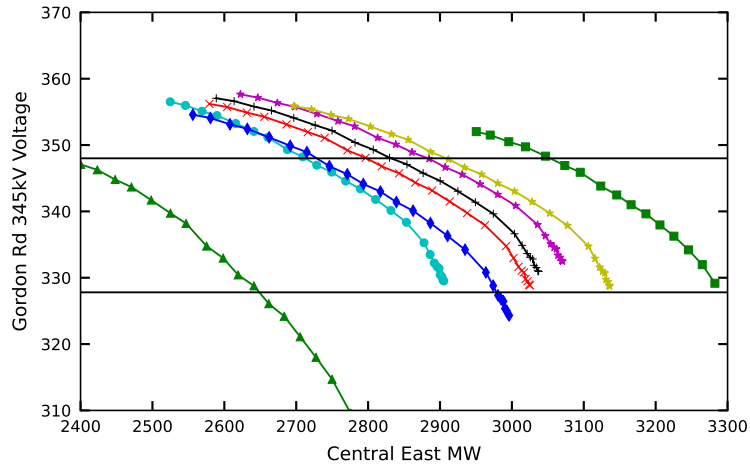
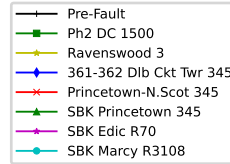
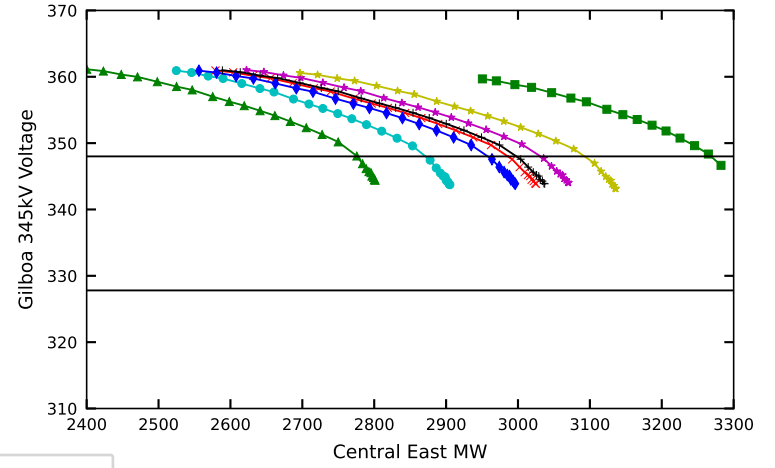
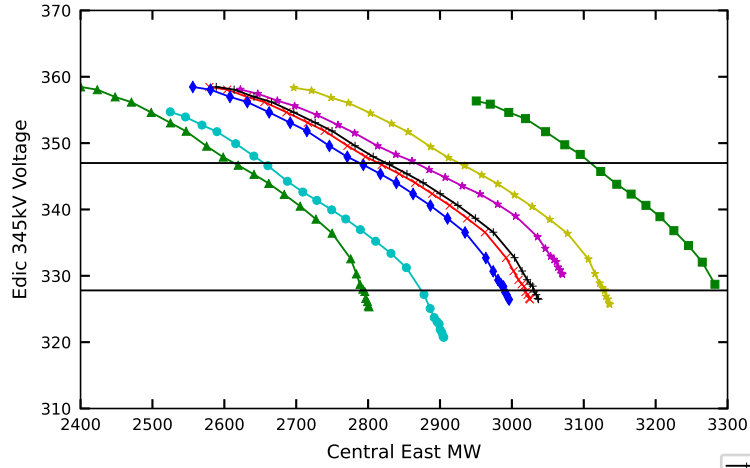
1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI Figure 2



1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI Figure 1



1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 4O ALI

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2588	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2613	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2641	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2665	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2696	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2726	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2749	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2781	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2807	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2829	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2854	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2876	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2900	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2924	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2949	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
2974	t1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	6															
3003	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	7															
3014	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	8															
3021	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	9															
3025	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	0															
3028	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	1															
3031	t2	0	2	1	0	2	0	2	0	0	0	0	0	0	0	2
	2															
3033	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	3															
3036	t2	0	2	2	0	2	1	2	0	0	0	0	0	0	0	2
	4															
3037	t2	0	2	2	0	2	1	2	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 4O ALI

Interface: Central East

Twr 345																								
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																								
wood 3																								
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2
Ph2 DC																								
1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2468 <E	Dunwoodie 345kV Voltage	Pre-Fault	115.6	NA	348	2468
2480 <E	Sprain Brook 345kV Voltage	Pre-Fault	115.8	NA	348	2480
2793	Millwood 345kV Voltage	Pre-Fault	98.5	NA	348	2793
2801	limit with 5% margin	Marcy South N.	NA	NA	NA	3562
2806	Marcy 345kV Voltage	Pre-Fault	15.2	NA	348	2806
2825	Edic 345kV Voltage	Pre-Fault	18.8	NA	347	2825
2825	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3118
2831	Gordon Rd 345kV Voltage	Pre-Fault	23.9	NA	348	2831
2853	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2010
2853	limit with 5% margin	Marcy South S.	NA	NA	NA	3362
2862	Gordon Rd 345kV Voltage	SBK Princetown 345	8.4	327.8	346.6	2648
2863	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2071
2863	limit with 5% margin	SBK Edic R945	NA	NA	NA	2071
2882	Gordon Rd 345kV Voltage	Marcy South N.	9.5	327.8	345.5	3728
2885	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2843
2885	limit with 5% margin	Volney-Marcy	NA	NA	NA	2820
2885	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2760
2885	limit with 5% margin	SBK Edic R70	NA	NA	NA	2916
2885	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2661
2885	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2873
2885	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2846
2885	limit with 5% margin	Ravenswood 3	NA	NA	NA	2979
2890	Buchanan North 345kV Voltage	Pre-Fault	65.8	NA	346	2890
2905	Edic 345kV Voltage	Marcy South N.	6.5	327.8	342.0	3738
2906	Marcy 345kV Voltage	Marcy South N.	6.4	327.8	341.8	3739
2928	Oakdale 345kV Voltage	Marcy South N.	6.0	320	342.7	3746
2953	Gordon Rd 345kV Voltage	Marcy South S.	7.5	327.8	341.1	3515
2963	Coopers Corners 345kV Voltage	SBK Edic R945	8.7	327.8	338.1	2160
2963	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	8.6	327.8	338.1	2160
2964	Rock Tavern 345kV Voltage	Pre-Fault	27.4	NA	348	2964
2965	Coopers Corners 345kV Voltage	Pre-Fault	14.8	NA	338	2965
2967	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	8.8	327.8	337.8	2103
2968	New Scotland 345kV Voltage Alps	Pre-Fault	19.7	NA	348	2968
2968	New Scotland 345kV Voltage Gilb	Pre-Fault	19.7	NA	348	2968
2976	Marcy 345kV Voltage	SBK Edic R945	3.8	327.8	336.2	2167
2976	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	336.2	2167
2978	Edic 345kV Voltage	SBK Edic R945	3.9	327.8	336.0	2168
2978	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.9	327.8	336.0	2168
2981 >E	Edic 345kV Voltage	Ph2 DC 1500	7.5	327.8	336.0	3287
2981 >E	Clay 345kV Voltage	Marcy South N.	7.8	327.8	346.6	3755

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2981 >E	Marcy 345kV Voltage	Ph2 DC 1500	7.4	327.8	335.8	3287
2981	Station 80 345kV Voltage	Pre-Fault	19.8	NA	346	2981
2983	Edic 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	335.4	2109
2985	Pannell Road 345kV Voltage	Pre-Fault	16.5	NA	346	2985
2986 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.9	327.8	338.8	3291
2986	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	334.8	2110
2993	Oakdale 345kV Voltage	Pre-Fault	6.1	NA	335	2993
2995	Fraser 345kV Voltage	Pre-Fault	7.4	NA	338	2995
2996	Pleasant Valley 345kV Voltage	Pre-Fault	22.1	NA	348	2996
2996	Clay 345kV Voltage	Pre-Fault	11.8	NA	345	2996
2997	Gilboa 345kV Voltage	Pre-Fault	13.8	NA	348	2997
2998	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	337.2	2114
2998	Fraser 345kV Voltage	SBK Edic R945	4.2	327.8	337.6	2177
2998	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	337.6	2177
2999	Edic 345kV Voltage	SBK Marcy R3108	7.3	327.8	333.3	2873
3000	Buchanan South 345kV Voltage	Pre-Fault	22.1	NA	346	3000
3001	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.3	327.8	337.2	2115
3005	Oakdale 345kV Voltage	SBK Edic R945	2.4	320	333.0	2179
3005	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.4	320	333.0	2179
3007 >E	Edic 345kV Voltage	Marcy South S.	5.6	327.8	332.3	3540
3007 >E	New Scotland 345kV Voltage Alps	Marcy South N.	9.1	327.8	346.1	3760
3007 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	9.1	327.8	346.1	3760
3008 >E	Marcy 345kV Voltage	Marcy South S.	5.6	327.8	332.0	3541
3008 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.9	320	332.5	2117
3017	Coopers Corners 345kV Voltage	Ravenswood 3	6.1	327.8	331.7	3118
3018 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.7	327.8	344.1	3544
3018 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.7	327.8	344.1	3544
3018	Edic 345kV Voltage	Volney-Marcy	5.0	327.8	329.9	2952
3019	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	327.8	334.0	2978
3019	Marcy 345kV Voltage	Volney-Marcy	4.9	327.8	329.6	2953
3024	Ramapo 500kV Voltage	Ravenswood 3	2.7	500	505.1	3125
3027	Edic 345kV Voltage	SBK Princetown 345	8.9	327.8	328.6	2794
3027	Marcy 345kV Voltage	SBK Princetown 345	8.9	327.8	328.4	2794
3027	Ramapo 345kV Voltage	Pre-Fault	60.4	NA	346	3027
3028 >E	Clay 345kV Voltage	SBK Edic R945	3.2	327.8	341.3	2183
3028 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.2	327.8	341.3	2183
3028	Edic 345kV Voltage	Ravenswood 3	2.3	327.8	328.4	3129
3029	Marcy 345kV Voltage	Ravenswood 3	2.3	327.8	328.2	3129
3030	Marcy 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	327.8	2986
3030	Marcy 345kV Voltage	SBK Marcy R3108	2.4	327.8	327.8	2899

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3030	Marcy 345kV Voltage	SBK Edic R70	2.4	327.8	327.8	3063
3030	Marcy 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	327.8	3018
3030	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	327.8	2989
3030	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	327.8	2989
3030	Edic 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	327.8	2986
3030	Edic 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	327.8	3018
3030	Coopers Corners 345kV Voltage	SBK Princetown 345	2.7	327.8	329.7	2796
3038 >E	Coopers Corners 345kV Voltage	SBK Edic R70	17.1	327.8	328.9	3072
3041 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	10.3	327.8	330.5	2997
3042 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	10.2	327.8	332.7	3330
3045 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	16.9	327.8	328.5	3001
3046 >E	Gordon Rd 345kV Voltage	Ravenswood 3	9.8	327.8	330.1	3144
3048 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	10.9	327.8	329.9	3036
3049 >E	Gilboa 345kV Voltage	Marcy South S.	5.8	327.8	344.3	3555
3050 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	12.2	500	504.6	2186
3050 >E	Ramapo 500kV Voltage	SBK Edic R945	12.2	500	504.6	2186
3051 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	17.1	327.8	328.1	3010
3053 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	5.6	327.8	340.2	2131
3055 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	17.1	327.8	327.9	3043
3055 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	11.0	327.8	329.3	2921
3058 >E	Oakdale 345kV Voltage	Ph2 DC 1500	7.0	320	329.7	3341
3060 >E	Edic 345kV Voltage	SBK Edic R70	9.7	327.8	324.0	3094
3063 >E	Coopers Corners 345kV Voltage	Volney-Marcy	16.4	327.8	327.4	2991
3064 >E	Gilboa 345kV Voltage	SBK Edic R945	4.1	327.8	340.7	2188
3064 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	4.1	327.8	340.7	2188
3068 >E	Pannell Road 345kV Voltage	SBK Edic R945	5.4	327.8	339.9	2189
3068 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	339.9	2189
3068 >E	Pannell Road 345kV Voltage	Marcy South N.	12.5	327.8	343.3	3770
3070 >E	Fraser 345kV Voltage	Marcy South S.	7.4	327.8	327.8	3563
3071 >E	Gordon Rd 345kV Voltage	Volney-Marcy	10.6	327.8	328.0	2998
3073 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	12.2	327.8	327.8	3029
3073 >E	Fraser 345kV Voltage	SBK Edic R70	12.2	327.8	327.8	3106
3073 >E	Fraser 345kV Voltage	Volney-Marcy	12.3	327.8	327.8	3000
3073 >E	Fraser 345kV Voltage	SBK Marcy R3108	12.3	327.8	327.8	2937
3073 >E	Fraser 345kV Voltage	SBK Princetown 345	12.3	327.8	327.8	2832
3073 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	12.3	327.8	327.8	3061
3073 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	12.3	327.8	327.8	3032

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3073 >E	Fraser 345kV Voltage	Ravenswood 3	12.3	327.8	327.8	3168
3073 >E	Oakdale 345kV Voltage	SBK Marcy R3108	13.8	320	324.6	2937
3073 >E	Ramapo 500kV Voltage	Ph2 DC 1500	49.7	500	507.2	3352
3074 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.6	218.5	225.3	2190
3074 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	8.6	218.5	225.3	2190
3076 >E	Rock Tavern 345kV Voltage	SBK Edic R945	5.6	327.8	336.4	2190
3076 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	5.6	327.8	336.4	2190
3080 >E	Fraser 345kV Voltage	Ph2 DC 1500	8.6	327.8	331.5	3357
3082 >E	Ladentown 345kV Voltage	Pre-Fault	51.3	NA	346	3082
3082 >E	Station 80 345kV Voltage	SBK Edic R945	6.0	327.8	338.8	2191
3082 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	338.8	2191
3083 >E	Gordon Rd 345kV Voltage	SBK Edic R945	5.1	327.8	323.3	2191
3083 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	5.1	327.8	323.3	2191
3090 >E	Oakdale 345kV Voltage	Marcy South S.	6.1	320	319.3	3570
3091 >E	Gordon Rd 345kV Voltage	SBK Edic R70	11.6	327.8	326.2	3125
3091 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	5.5	327.8	334.0	2193
3091 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	5.5	327.8	334.0	2193
3091 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	5.5	327.8	334.0	2193
3091 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	5.5	327.8	334.0	2193
3094 >E	Oakdale 345kV Voltage	Volney-Marcy	13.4	320	323.2	3018
3102 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	17.6	327.8	325.2	2963
3103 >E	Oakdale 345kV Voltage	Ravenswood 3	12.8	320	322.7	3195
3110 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	28.1	500	505.4	2148
3111 >E	Oakdale 345kV Voltage	SBK Princetown 345	13.7	320	322.1	2865
3112 >E	Leeds 345kV Voltage	Marcy South S.	6.9	327.8	348.0	3578
3116 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	9.0	327.8	338.1	2150
3116 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	6.4	327.8	330.5	2975
3119 >E	Pannell Road 345kV Voltage	Ravenswood 3	6.0	327.8	330.0	3209
3119 >E	Pannell Road 345kV Voltage	Volney-Marcy	6.2	327.8	330.0	3040
3124 >E	Station 80 345kV Voltage	Marcy South N.	15.7	327.8	342.4	3780
3124 >E	Clay 345kV Voltage	Ph2 DC 1500	10.9	327.8	338.9	3388
3125 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	11.9	327.8	340.0	3389
3125 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	11.9	327.8	340.0	3389
3126 >E	Pannell Road 345kV Voltage	SBK Princetown 345	6.4	327.8	328.9	2878
3129 >E	Clay 345kV Voltage	SBK Marcy R3108	11.6	327.8	332.7	2986
3130 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	9.4	327.8	332.6	2199
3130 >E	Buchanan North 345kV Voltage	SBK Edic R945	9.4	327.8	332.6	2199
3132 >E	Clay 345kV Voltage	Marcy South S.	9.0	327.8	333.4	3586
3133 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	6.6	327.8	327.8	3092
3133 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	6.6	327.8	327.8	3089

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3134 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	6.6	327.8	327.8	3121
3134 >E	Ramapo 345kV Voltage	SBK Edic R945	7.6	327.8	333.9	2199
3134 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	7.6	327.8	333.9	2199
3136 >E	Fraser 345kV Voltage	Marcy South N.	12.2	327.8	327.8	3782
3138 >E	Pannell Road 345kV Voltage	SBK Edic R70	6.6	327.8	327.2	3172
3138 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	15.3	218.5	223.3	2157
3139 >E	St.Lawrence 230kV Voltage	Pre-Fault	44.5	NA	225	3139
3140 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	15.2	320	320.3	3098
3140 >E	Clay 345kV Voltage	Volney-Marcy	10.6	327.8	331.7	3058
3141 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	9.1	327.8	337.6	2158
3141 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	15.2	320	320.2	3096
3142 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	15.2	320	320.1	3130
3143 >E	Leeds 345kV Voltage	Pre-Fault	20.0	NA	345	3143
3144 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	10.7	327.8	337.7	2159
3149 >E	Clay 345kV Voltage	Ravenswood 3	9.9	327.8	331.0	3236
3151 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	11.0	327.8	337.4	2161
3156 >E	Oakdale 345kV Voltage	SBK Edic R70	15.4	320	319.2	3190
3156 >E	Ladentown 345kV Voltage	SBK Edic R945	8.1	327.8	333.8	2203
3156 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	333.8	2203
3157 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	12.4	327.8	332.4	3112
3157 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	12.4	327.8	332.4	3112
3158 >E	Clay 345kV Voltage	SBK Princetown 345	10.8	327.8	330.3	2905
3163 >E	Bowline 2 345kV Voltage	SBK Edic R945	7.7	327.8	334.0	2204
3163 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	7.7	327.8	334.0	2204
3167 >E	Ramapo 500kV Voltage	SBK Princetown 345	32.7	500	500.7	2912
3167 >E	Buchanan South 345kV Voltage	SBK Edic R945	9.9	327.8	332.1	2204
3167 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	9.9	327.8	332.1	2204
3171 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	10.2	327.8	331.7	2167
3171 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	10.2	327.8	331.7	2167
3173 >E	Pleasant Valley 345kV Voltage	Marcy South S.	12.1	327.8	340.0	3600
3174 >E	Bowline 1 345kV Voltage	SBK Edic R945	8.3	327.8	334.3	2206
3174 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	8.3	327.8	334.3	2206
3176 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	33.5	500	500.4	3131
3177 >E	Millwood 345kV Voltage	SBK Edic R945	11.1	327.8	331.1	2206
3177 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	11.1	327.8	331.1	2206
3178 >E	Ramapo 500kV Voltage	SBK Marcy R3108	32.4	500	500.3	3030
3179 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	12.5	327.8	330.8	3263
3179 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	12.5	327.8	330.8	3263
3179 >E	Ramapo 500kV Voltage	Volney-Marcy	33.4	500	500.3	3092
3181 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	13.3	327.8	330.5	2207

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3181 >E	Sprain Brook 345kV Voltage	SBK Edic R945	13.3	327.8	330.5	2207
3183 >E	Roseton 345kV Voltage	Pre-Fault	47.7	NA	345	3183
3183 >E	Dunwoodie 345kV Voltage	SBK Edic R945	13.5	327.8	330.4	2207
3183 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	13.5	327.8	330.4	2207
3186 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	34.3	500	500.1	3143
3188 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	12.4	327.8	327.9	3146
3188 >E	Clay 345kV Voltage	N.Scot-Leeds 345	12.4	327.8	327.9	3143
3189 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	34.6	500	500.0	3176
3189 >E	Clay 345kV Voltage	Princeton-N.Scot 345	12.4	327.8	327.8	3176
3189 >E	Ramapo 500kV Voltage	SBK Edic R70	35.0	500	500.0	3224
3190 >E	Ramapo 500kV Voltage	Pre-Fault	34.7	NA	500	3190
3195 >E	St.Lawrence 230kV Voltage	Marcy South N.	26.8	218.5	225.3	3792
3209 >E	Clay 345kV Voltage	SBK Edic R70	12.5	327.8	326.2	3244
3214 >E	St.Lawrence 230kV Voltage	Marcy South S.	21.2	218.5	220.3	3615
3215 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	13.5	327.8	328.3	3123
3215 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	13.5	327.8	328.3	3123
3220 >E	Pannell Road 345kV Voltage	Marcy South S.	13.6	327.8	331.8	3617
3221 >E	Bowline 1 345kV Voltage	Pre-Fault	51.3	NA	345	3221
3222 >E	New Scotland 345kV Voltage Alps	Princeton-N.Scot 345	14.1	327.8	327.8	3210
3222 >E	New Scotland 345kV Voltage Gilb	Princeton-N.Scot 345	14.1	327.8	327.8	3210
3225 >E	Ramapo 500kV Voltage	Marcy South S.	36.7	500	503.4	3619
3225 >E	Roseton 345kV Voltage	SBK Edic R945	10.6	327.8	333.3	2213
3225 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	10.6	327.8	333.3	2213
3225 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	14.3	327.8	327.5	3260
3225 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	14.3	327.8	327.5	3260
3225 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	16.8	327.8	337.7	3459
3227 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	14.2	327.8	327.4	3073
3227 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	14.2	327.8	327.4	3073
3229 >E	Dunwoodie 345kV Voltage	Marcy South S.	17.0	327.8	331.4	3621
3229 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	14.3	327.8	327.3	3187
3229 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	14.3	327.8	327.3	3187
3229 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	16.6	327.8	333.4	2185
3232 >E	Sprain Brook 345kV Voltage	Marcy South S.	17.0	327.8	331.3	3622
3233 >E	Bowline 2 345kV Voltage	Pre-Fault	51.3	NA	345	3233
3237 >E	Station 80 345kV Voltage	Ravenswood 3	14.1	327.8	331.8	3316
3237 >E	Gilboa 345kV Voltage	Marcy South N.	15.0	327.8	338.3	3799
3238 >E	St.Lawrence 230kV Voltage	Volney-Marcy	25.5	218.5	222.8	3144

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3238 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	27.9	218.5	222.8	3082
3239 >E	Station 80 345kV Voltage	Ph2 DC 1500	17.9	327.8	336.9	3469
3243 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	12.0	327.8	330.2	2216
3243 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	12.0	327.8	330.2	2216
3250 >E	Gilboa 345kV Voltage	Ph2 DC 1500	14.6	327.8	337.0	3476
3251 >E	Station 80 345kV Voltage	Volney-Marcy	15.1	327.8	331.0	3155
3252 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	18.3	327.8	330.4	2191
3252 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	18.4	327.8	330.3	2191
3254 >E	Watercure 230kV Voltage	SBK Edic R945	12.0	207	231.1	2218
3254 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	12.0	207	231.1	2218
3256 >E	Station 80 345kV Voltage	SBK Marcy R3108	16.1	327.8	330.8	3098
3256 >E	Millwood 345kV Voltage	Marcy South S.	16.3	327.8	332.6	3630
3257 >E	St.Lawrence 230kV Voltage	Ravenswood 3	26.6	218.5	222.4	3333
3260 >E	Somerset 345kV Voltage	SBK Edic R945	11.7	327.8	341.7	2219
3260 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	11.7	327.8	341.7	2219
3261 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	15.1	327.8	331.4	3216
3266 >E	Gilboa 345kV Voltage	Ravenswood 3	15.0	327.8	331.1	3342
3275 >E	Station 80 345kV Voltage	Marcy South S.	16.6	327.8	331.2	3637
3281 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	16.0	327.8	336.0	2200
3282 >E	Station 80 345kV Voltage	SBK Princetown 345	16.6	327.8	329.3	3010
3282 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	17.7	327.8	331.4	2201
3285 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	14.6	327.8	323.3	3013
3285 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	14.6	327.8	323.3	3013
3291 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	17.1	327.8	332.8	2203
3295 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	34.1	218.5	223.7	3508
3299 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	11.6	327.8	327.8	2225
3299 >E	Leeds 345kV Voltage	SBK Edic R945	11.6	327.8	327.8	2225
3301 >E	Dunwoodie 345kV Voltage	Ravenswood 3	55.0	327.8	336.5	3373
3302 >E	Buchanan North 345kV Voltage	Ravenswood 3	38.0	327.8	336.1	3374
3303 >E	Sprain Brook 345kV Voltage	Ravenswood 3	54.1	327.8	336.5	3375
3303 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	18.0	327.8	335.6	3514
3309 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	18.0	327.8	327.8	3266
3309 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	17.9	327.8	327.8	3296
3310 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	18.0	327.8	327.8	3264
3314 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	16.3	327.8	335.7	2210
3314 >E	Leeds 345kV Voltage	Marcy South N.	15.7	327.8	346.1	3813
3315 >E	Station 80 345kV Voltage	SBK Edic R70	17.7	327.8	327.5	3351
3320 >E	Gilboa 345kV Voltage	Volney-Marcy	17.7	327.8	328.1	3215
3320 >E	Buchanan South 345kV Voltage	Marcy South S.	17.4	327.8	331.5	3654
3321 >E	Gilboa 345kV Voltage	SBK Marcy R3108	17.9	327.8	328.1	3156

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3326 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	18.0	327.8	327.8	3312
3327 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	18.0	327.8	327.8	3283
3327 >E	Rock Tavern 345kV Voltage	Ravenswood 3	28.1	327.8	334.7	3397
3330 >E	Gilboa 345kV Voltage	SBK Edic R70	18.1	327.8	327.6	3366
3334 >E	Gilboa 345kV Voltage	SBK Princetown 345	17.9	327.8	327.3	3055
3340 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	16.3	327.8	336.2	2218
3346 >E	Buchanan North 345kV Voltage	Marcy South S.	19.8	327.8	328.2	3663
3347 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	16.3	327.8	336.4	2220
3349 >E	Roseton 345kV Voltage	Marcy South S.	16.3	327.8	335.5	3664
3360 >E	Watercure 230kV Voltage	Marcy South N.	27.0	207	230.5	3820
3373 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	38.4	218.5	219.7	3088
3385 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	18.0	327.8	334.0	2232
3390 >E	Millwood 345kV Voltage	Ravenswood 3	45.4	327.8	336.6	3453
3398 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	19.4	327.8	329.8	2236
3417 >E	Coopers Corners 345kV Voltage	Marcy South N.	21.9	327.8	312.2	3830
3429 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	44.5	218.5	218.5	3415
3429 >E	Buchanan South 345kV Voltage	Ravenswood 3	41.2	327.8	336.8	3488
3430 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	44.6	218.5	218.5	3386
3430 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	44.6	218.5	218.4	3384
3453 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	32.0	327.8	335.8	3620
3454 >E	St.Lawrence 230kV Voltage	SBK Edic R70	47.1	218.5	217.9	3491
3474 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	21.3	327.8	339.2	2259
3478 >E	Pleasant Valley 345kV Voltage	Marcy South N.	27.6	327.8	339.1	3841
3487 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	20.0	327.8	327.8	3440
3487 >E	Leeds 345kV Voltage	SBK Edic R70	20.0	327.8	327.8	3525
3487 >E	Leeds 345kV Voltage	SBK Princetown 345	20.0	327.8	327.8	3186
3487 >E	Leeds 345kV Voltage	Ravenswood 3	20.0	327.8	327.8	3541
3488 >E	Ramapo 345kV Voltage	Ravenswood 3	36.2	327.8	336.7	3541
3488 >E	Leeds 345kV Voltage	Volney-Marcy	20.0	327.8	327.8	3361
3488 >E	Leeds 345kV Voltage	SBK Marcy R3108	20.0	327.8	327.8	3303
3488 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	20.0	327.8	327.8	3474
3488 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	20.0	327.8	327.8	3443
3488 >E	Ladentown 345kV Voltage	Marcy South S.	20.7	327.8	328.1	3714
3504 >E	Somerset 345kV Voltage	Pre-Fault	34.5	NA	338	3504
3514 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	33.6	327.8	329.6	3209
3518 >E	Ramapo 345kV Voltage	Marcy South S.	22.5	327.8	325.9	3725
3523 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	20.4	327.8	327.8	2274
3526 >E	Ramapo 500kV Voltage	Marcy South N.	83.7	500	506.2	3849

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3526 >E	Bowline 1 345kV Voltage	Marcy South S.	20.8	327.8	328.2	3728
3526 >E	Ladentown 345kV Voltage	Ravenswood 3	36.6	327.8	337.3	3576
3528 >E	Rock Tavern 345kV Voltage	Marcy South S.	20.9	327.8	315.3	3729
3529 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	28.0	327.8	337.5	3673
3533 >E	Bowline 2 345kV Voltage	Marcy South S.	20.7	327.8	328.3	3731
3542 >E	Millwood 345kV Voltage	Ph2 DC 1500	33.6	327.8	335.7	3682
3546 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	35.3	327.8	328.7	3498
3547 >E	Ramapo 345kV Voltage	Ph2 DC 1500	29.8	327.8	337.5	3686
3548 >E	Leeds 345kV Voltage	Ph2 DC 1500	22.2	327.8	339.4	3687
3554 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	36.5	327.8	333.1	3600
3555 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	39.4	327.8	334.5	3692
3555 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	32.3	327.8	336.6	3692
3558 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	39.7	327.8	334.4	3694
3565 >E	Rock Tavern 345kV Voltage	SBK Edic R70	36.6	327.8	328.2	3603
3570 >E	Rock Tavern 345kV Voltage	361-362 D1b Ckt Twr 345	36.3	327.8	328.0	3525
3571 >E	Rock Tavern 345kV Voltage	Volney-Marcy	35.3	327.8	328.0	3434
3576 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	36.5	327.8	327.9	3562
3587 >E	Bowline 1 345kV Voltage	Ravenswood 3	36.5	327.8	337.9	3630
3588 >E	Somerset 345kV Voltage	Marcy South N.	30.9	327.8	344.0	3860
3594 >E	Bowline 2 345kV Voltage	Ravenswood 3	36.4	327.8	337.9	3637
3595 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	34.7	327.8	327.4	3397
3601 >E	Ladentown 345kV Voltage	Ph2 DC 1500	30.3	327.8	338.2	3724
3610 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	28.8	207	232.9	2301
3635 >E	Roseton 345kV Voltage	Ph2 DC 1500	29.3	327.8	337.6	3748
3650 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	30.3	327.8	338.9	3759
3653 >E	Somerset 345kV Voltage	Ravenswood 3	26.9	327.8	333.7	3690
3663 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	30.3	327.8	339.0	3768
3689 >E	Buchanan North 345kV Voltage	SBK Princetown 345	49.2	327.8	328.8	3359
3690 >E	Coopers Corners 345kV Voltage	Marcy South S.	23.3	327.8	261.5	3787
3695 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	50.5	327.8	328.7	3647
3702 >E	Somerset 345kV Voltage	Ph2 DC 1500	33.2	327.8	338.9	3796
3707 >E	Roseton 345kV Voltage	Ravenswood 3	39.6	327.8	334.0	3738
3715 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	39.4	327.8	329.2	3667
3720 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	49.1	327.8	328.2	3508
3721 >E	Niagara 345kV Voltage	SBK Edic R945	25.4	327.8	345.0	2291
3721 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	25.4	327.8	345.0	2291
3723 >E	Somerset 345kV Voltage	Volney-Marcy	29.4	327.8	331.7	3566
3727 >E	Buchanan North 345kV Voltage	Volney-Marcy	51.1	327.8	328.1	3570
3734 >E	Buchanan North 345kV Voltage	361-362 D1b Ckt Twr 345	52.5	327.8	327.9	3687

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3736 >E	Buchanan North 345kV Voltage	SBK Edic R70	53.3	327.8	327.9	3777
3738 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	52.7	327.8	327.9	3723
3758 >E	Millwood 345kV Voltage	Marcy South N.	44.3	327.8	333.7	3889
3772 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	41.5	327.8	327.8	3756
3773 >E	Somerset 345kV Voltage	SBK Marcy R3108	31.7	327.8	330.2	3554
3773 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	41.8	327.8	327.8	3813
3773 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	41.1	327.8	327.8	3610
3773 >E	Somerset 345kV Voltage	Marcy South S.	32.6	327.8	331.3	3817
3775 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	41.6	327.8	327.8	3728
3784 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	40.7	327.8	327.5	3440
3785 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	41.1	327.8	327.5	3566
3789 >E	Dunwoodie 345kV Voltage	Marcy South N.	53.1	327.8	332.7	3894
3792 >E	Sprain Brook 345kV Voltage	Marcy South N.	52.9	327.8	332.7	3895
3793 >E	Somerset 345kV Voltage	SBK Princetown 345	32.1	327.8	329.6	3448
3812 >E	Watercure 230kV Voltage	Pre-Fault	46.8	NA	215	3812
3849 >E	Somerset 345kV Voltage	SBK Edic R70	34.0	327.8	328.0	3890
3857 >E	Roseton 345kV Voltage	Marcy South N.	37.7	327.8	336.3	3906
3857 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	34.6	327.8	327.8	3842
3858 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	34.6	327.8	327.8	3810
3859 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	34.6	327.8	327.7	3809
3859 >E	Ramapo 345kV Voltage	SBK Princetown 345	47.0	327.8	329.4	3504
3865 >E	Buchanan North 345kV Voltage	Marcy South N.	49.7	327.8	331.0	3907
3868 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	58.6	327.8	328.9	3818
3869 >E	Buchanan South 345kV Voltage	Marcy South N.	45.4	327.8	333.2	3908
3879 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	53.7	327.8	328.9	3829
3882 >E	Watercure 230kV Voltage	Ravenswood 3	36.2	207	213.5	3895
3886 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	48.7	327.8	328.9	3836
3891 >E	Buchanan South 345kV Voltage	SBK Princetown 345	53.1	327.8	328.7	3532
3893 >E	Ramapo 345kV Voltage	SBK Marcy R3108	46.6	327.8	328.7	3661
3898 >E	Millwood 345kV Voltage	SBK Princetown 345	58.5	327.8	328.4	3538
3903 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	72.8	327.8	328.7	3853
3909 >E	Niagara 230kV East Voltage	SBK Edic R945	61.5	218.5	228.6	2320
3909 >E	Niagara 230kV West Voltage	SBK Edic R945	61.5	218.5	228.6	2320
3909 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	61.5	218.5	228.6	2320
3909 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	61.5	218.5	228.6	2320
3910 >E	Rock Tavern 345kV Voltage	Marcy South N.	39.2	327.8	325.3	3915
3911 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	74.1	327.8	328.8	3861
3914 >E	Ramapo 345kV Voltage	Volney-Marcy	49.0	327.8	328.3	3733
3916 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	53.0	327.8	328.3	3681

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3921 >E	Millwood 345kV Voltage	SBK Marcy R3108	58.7	327.8	328.0	3685
3926 >E	Millwood 345kV Voltage	Volney-Marcy	60.6	327.8	328.0	3744
3928 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	50.5	327.8	328.1	3879
3928 >E	Buchanan South 345kV Voltage	Volney-Marcy	55.1	327.8	328.1	3745
3929 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	61.7	327.8	327.9	3881
3932 >E	Millwood 345kV Voltage	Princeton-N.Scot 345	62.0	327.8	327.9	3916
3932 >E	Millwood 345kV Voltage	SBK Edic R70	62.6	327.8	327.9	3975
3934 >E	Ramapo 345kV Voltage	SBK Edic R70	51.3	327.8	327.9	3976
3935 >E	Sprain Brook 345kV Voltage	SBK Princeton 345	72.6	327.8	328.3	3570
3936 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	56.4	327.8	327.9	3888
3936 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	50.9	327.8	327.9	3920
3937 >E	Ladentown 345kV Voltage	SBK Princeton 345	47.4	327.8	329.3	3571
3938 >E	Buchanan South 345kV Voltage	SBK Edic R70	57.1	327.8	327.9	3980
3938 >E	Buchanan South 345kV Voltage	Princeton-N.Scot 345	56.5	327.8	327.9	3922
3948 >E	Dunwoodie 345kV Voltage	SBK Princeton 345	74.3	327.8	328.3	3580
3951 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	45.7	327.8	328.9	3901
3956 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	48.9	327.8	329.0	3905
3958 >E	Roseton 345kV Voltage	SBK Princeton 345	45.2	327.8	328.7	3589
3963 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	73.1	327.8	328.0	3722
3966 >E	Ladentown 345kV Voltage	SBK Marcy R3108	47.1	327.8	328.8	3725
3968 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	76.7	327.8	327.9	3920
3969 >E	Sprain Brook 345kV Voltage	Volney-Marcy	75.5	327.8	327.9	3781
3969 >E	Watercure 230kV Voltage	Volney-Marcy	39.6	207	211.6	3781
3971 >E	Sprain Brook 345kV Voltage	SBK Edic R70	77.9	327.8	327.9	4013
3971 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	74.4	327.8	328.0	3730
3972 >E	Sprain Brook 345kV Voltage	Princeton-N.Scot 345	77.2	327.8	327.8	3956
3980 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	78.4	327.8	327.9	3931
3980 >E	Dunwoodie 345kV Voltage	SBK Edic R70	79.4	327.8	327.9	4023
3982 >E	Dunwoodie 345kV Voltage	Princeton-N.Scot 345	78.7	327.8	327.9	3966
3982 >E	Dunwoodie 345kV Voltage	Volney-Marcy	77.2	327.8	327.9	3792
3988 >E	Ladentown 345kV Voltage	Volney-Marcy	49.3	327.8	328.3	3798
3991 >E	Watercure 230kV Voltage	SBK Marcy R3108	41.5	207	211.2	3748
3994 >E	Roseton 345kV Voltage	Volney-Marcy	46.7	327.8	328.0	3802
3997 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	47.4	327.8	327.9	3947
3998 >E	Roseton 345kV Voltage	SBK Edic R70	47.8	327.8	327.9	4040

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4000 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	47.5	327.8	327.9	3984
4005 >E	Roseton 345kV Voltage	SBK Marcy R3108	46.3	327.8	327.8	3759
4005 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	50.8	327.8	328.0	3956
4009 >E	Ladentown 345kV Voltage	SBK Edic R70	51.5	327.8	327.9	4052
4011 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	51.1	327.8	327.9	3995
4017 >E	Bowline 1 345kV Voltage	SBK Princeton 345	47.4	327.8	329.5	3640
4022 >E	Watercure 230kV Voltage	SBK Princeton 345	41.0	207	210.5	3643
4026 >E	Bowline 2 345kV Voltage	SBK Princeton 345	47.3	327.8	329.5	3647
4036 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	48.7	327.8	329.1	3985
4044 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	46.9	327.8	328.9	3794
4049 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	48.8	327.8	329.1	3998
4054 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	46.9	327.8	329.0	3803
4071 >E	Bowline 1 345kV Voltage	Volney-Marcy	49.3	327.8	328.4	3870
4083 >E	Bowline 2 345kV Voltage	Volney-Marcy	49.3	327.8	328.4	3880
4089 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	50.7	327.8	328.1	4039
4095 >E	Bowline 1 345kV Voltage	SBK Edic R70	51.4	327.8	327.9	4139
4096 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	51.0	327.8	327.9	4079
4099 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	50.6	327.8	328.1	4049
4107 >E	Rainey 345kV Voltage	SBK Edic R945	43.2	327.8	331.9	2351
4107 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	43.2	327.8	331.9	2351
4107 >E	Bowline 2 345kV Voltage	SBK Edic R70	51.4	327.8	327.9	4151
4108 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	51.0	327.8	327.9	4091
4129 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	44.9	327.8	331.9	2354
4129 >E	Farragut 345kV Voltage	SBK Edic R945	44.9	327.8	331.9	2354
4138 >E	Ladentown 345kV Voltage	Marcy South N.	48.8	327.8	331.5	3954
4139 >E	Ramapo 345kV Voltage	Marcy South N.	51.0	327.8	330.0	3955
4159 >E	Watercure 230kV Voltage	Ph2 DC 1500	54.7	207	234.9	4117
4178 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	46.6	207	207.2	4127
4183 >E	Watercure 230kV Voltage	Princeton-N.Scot 345	46.7	207	207.1	4166
4185 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	46.8	207	207.0	4133
4209 >E	Watercure 230kV Voltage	SBK Edic R70	47.3	207	206.5	4254
4223 >E	Bowline 1 345kV Voltage	Marcy South N.	49.0	327.8	331.7	3969
4242 >E	Bowline 2 345kV Voltage	Marcy South N.	48.9	327.8	331.8	3972
4252 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	84.7	218.5	224.0	2497
4252 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	84.7	218.5	224.0	2497
4324 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	46.7	327.8	341.1	2519
4498 >E	Rainey 345kV Voltage	Marcy South S.	58.4	327.8	334.0	4079

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4513 >E	Niagara 345kV Voltage	Pre-Fault	74.6	NA	338	4513
4531 >E	Farragut 345kV Voltage	Marcy South S.	60.9	327.8	333.9	4091
4548 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	61.8	327.8	331.9	2420
4548 >E	Goethals 345kV Voltage	SBK Edic R945	61.8	327.8	331.9	2420
4610 >E	Gardenville 230kV Voltage	SBK Edic R945	59.1	207	233.3	2429
4610 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	59.1	207	233.3	2429
4627 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	63.4	327.8	332.3	2611
4661 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	66.0	327.8	332.3	2622
4736 >E	Niagara 345kV Voltage	Ravenswood 3	57.7	327.8	335.0	4662
4803 >E	Niagara 230kV East Voltage	Marcy South S.	119.3	218.5	219.7	4190
4803 >E	Niagara 230kV West Voltage	Marcy South S.	119.3	218.5	219.7	4190
4826 >E	Niagara 345kV Voltage	Marcy South N.	68.3	327.8	347.1	4073
4868 >E	Niagara 230kV East Voltage	Pre-Fault	215.6	NA	225	4868
4868 >E	Niagara 230kV West Voltage	Pre-Fault	215.6	NA	225	4868
4940 >E	Niagara 345kV Voltage	Volney-Marcy	63.7	327.8	332.3	4627
5037 >E	Rainey 345kV Voltage	Ravenswood 3	109.1	327.8	344.9	4934
5062 >E	Goethals 345kV Voltage	Marcy South S.	82.3	327.8	333.7	4283
5073 >E	Niagara 345kV Voltage	Ph2 DC 1500	75.5	327.8	341.4	4762
5116 >E	Niagara 345kV Voltage	SBK Marcy R3108	69.6	327.8	329.9	4740
5120 >E	Niagara 345kV Voltage	SBK Princetown 345	69.6	327.8	329.9	4583
5134 >E	Farragut 345kV Voltage	Ravenswood 3	113.1	327.8	344.3	5021
5139 >E	Niagara 345kV Voltage	Marcy South S.	73.5	327.8	331.4	4311
5228 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	88.8	327.8	332.2	2795
5237 >E	Niagara 345kV Voltage	SBK Edic R70	73.4	327.8	328.3	5293
5273 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	74.6	327.8	327.8	5251
5277 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	74.7	327.8	327.7	5218
5282 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	74.9	327.8	327.7	5222
5405 >E	Niagara 230kV East Voltage	Ravenswood 3	160.5	218.5	222.5	5264
5405 >E	Niagara 230kV West Voltage	Ravenswood 3	160.5	218.5	222.5	5264
5421 >E	Niagara 230kV East Voltage	Marcy South N.	171.8	218.5	230.5	4175
5421 >E	Niagara 230kV West Voltage	Marcy South N.	171.8	218.5	230.5	4175
5724 >E	Niagara 230kV East Voltage	Volney-Marcy	179.7	218.5	221.0	5310
5724 >E	Niagara 230kV West Voltage	Volney-Marcy	179.7	218.5	221.0	5310
5980 >E	Goethals 345kV Voltage	Ravenswood 3	145.3	327.8	344.4	5781
6008 >E	Niagara 230kV East Voltage	SBK Princetown 345	198.7	218.5	219.7	5343
6008 >E	Niagara 230kV West Voltage	SBK Princetown 345	198.7	218.5	219.7	5343
6016 >E	Niagara 230kV East Voltage	SBK Marcy R3108	199.2	218.5	219.7	5534
6016 >E	Niagara 230kV West Voltage	SBK Marcy R3108	199.2	218.5	219.7	5534
6105 >E	Rainey 345kV Voltage	Ph2 DC 1500	121.0	327.8	339.3	5490
6111 >E	Niagara 230kV East Voltage	Ph2 DC 1500	214.1	218.5	227.3	5494

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6111 >E	Niagara 230kV West Voltage	Ph2 DC 1500	214.1	218.5	227.3	5494
6140 >E	Farragut 345kV Voltage	Ph2 DC 1500	124.8	327.8	339.1	5514
6203 >E	Niagara 230kV East Voltage	SBK Edic R70	211.2	218.5	218.8	6268
6203 >E	Niagara 230kV West Voltage	SBK Edic R70	211.2	218.5	218.8	6268
6269 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	215.6	218.5	218.5	6200
6269 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	215.6	218.5	218.5	6200
6269 >E	Niagara 230kV East Voltage	Princeton-N.Scot 345	215.6	218.5	218.5	6243
6269 >E	Niagara 230kV West Voltage	Princeton-N.Scot 345	215.6	218.5	218.5	6243
6278 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	216.2	218.5	218.5	6212
6278 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	216.2	218.5	218.5	6212
6732 >E	Farragut 345kV Voltage	Pre-Fault	253.5	NA	338	6732
6748 >E	Rainey 345kV Voltage	Pre-Fault	246.7	NA	338	6748
7090 >E	Goethals 345kV Voltage	Ph2 DC 1500	163.4	327.8	339.6	6184
7130 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	151.5	207	234.7	3376
7172 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	328.4	131.1	132.7	2829
7174 >E	Northport 138kV Voltage	SBK Edic R945	328.6	131.1	132.6	2829
7205 >E	Rainey 345kV Voltage	Marcy South N.	161.7	327.8	336.2	4482
7282 >E	Farragut 345kV Voltage	Marcy South N.	167.9	327.8	336.1	4495
8250 >E	Goethals 345kV Voltage	Pre-Fault	356.8	NA	338	8250
8731 >E	Goethals 345kV Voltage	Marcy South N.	226.2	327.8	336.3	4744
8784 >E	Rainey 345kV Voltage	SBK Princeton 345	226.9	327.8	329.7	7717
8805 >E	Rainey 345kV Voltage	SBK Marcy R3108	226.9	327.8	329.7	7996
8822 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	229.7	327.8	329.6	8738
8856 >E	Farragut 345kV Voltage	SBK Princeton 345	234.1	327.8	329.6	7780
8877 >E	Farragut 345kV Voltage	SBK Marcy R3108	234.1	327.8	329.5	8060
8898 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	237.1	327.8	329.5	8813
9041 >E	Rainey 345kV Voltage	Volney-Marcy	237.1	327.8	328.7	8202
9126 >E	Farragut 345kV Voltage	Volney-Marcy	245.0	327.8	328.6	8275
9184 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	243.4	327.8	328.1	9090
9223 >E	Rainey 345kV Voltage	Princeton-N.Scot 345	245.0	327.8	328.0	9185
9235 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	250.0	327.8	328.1	9140
9275 >E	Farragut 345kV Voltage	Princeton-N.Scot 345	251.7	327.8	328.0	9236
9297 >E	Rainey 345kV Voltage	SBK Edic R70	248.3	327.8	327.7	9393
9396 >E	Farragut 345kV Voltage	SBK Edic R70	257.0	327.8	327.5	9493
10603 >E	Gardenville 230kV Voltage	Ravenswood 3	270.3	207	223.4	9935
11126	Goethals 345kV Voltage	SBK Princeton 345	325.3	327.8	329.9	9721

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
11219	Goethals 345kV Voltage	SBK Marcy R3108	328.2	327.8	329.7	10127
>E						
11237	Goethals 345kV Voltage	N.Scot-Leeds 345	331.1	327.8	329.6	11136
>E						
11498	Goethals 345kV Voltage	Volney-Marcy	340.3	327.8	328.9	10343
>E						
11807	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	353.4	327.8	328.0	11690
>E						
11890	Goethals 345kV Voltage	Princetown-N.Scot 345	356.8	327.8	327.8	11840
>E						
11967	Goethals 345kV Voltage	SBK Edic R70	360.3	327.8	327.6	12090
>E						
12955	Gardenville 230kV Voltage	Volney-Marcy	353.4	207	219.7	11613
>E						
13869	Gardenville 230kV Voltage	Marcy South N.	422.9	207	275.8	5627
>E						
14688	Gardenville 230kV Voltage	Pre-Fault	639.2	NA	217	14688
>E						
15242	Northport 138kV Voltage	Ph2 DC 1500	971.1	131.1	136.2	11930
>E						
15582	Gardenville 230kV Voltage	SBK Marcy R3108	448.2	207	215.6	13979
>E						
15773	Gardenville 230kV Voltage	SBK Princetown 345	453.8	207	215.3	13697
>E						
20200	Gardenville 230kV Voltage	SBK Edic R70	607.5	207	208.4	20406
>E						
20414	Northport 138kV Voltage	Marcy South N.	1375.8	131.1	134.6	6752
>E						
21065	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	639.2	207	207.0	20868
>E						
21075	Gardenville 230kV Voltage	Princetown-N.Scot 345	639.2	207	207.0	20986
>E						
21223	Gardenville 230kV Voltage	N.Scot-Leeds 345	644.8	207	206.8	21054
>E						
24080	Gardenville 230kV Voltage	Ph2 DC 1500	764.9	207	300.7	18161
>E						
30055	Northport 138kV Voltage	Pre-Fault	3062.9	NA	135	30055
>E						
31528	Northport 138kV Voltage	Ravenswood 3	2297.2	131.1	134.5	28740
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

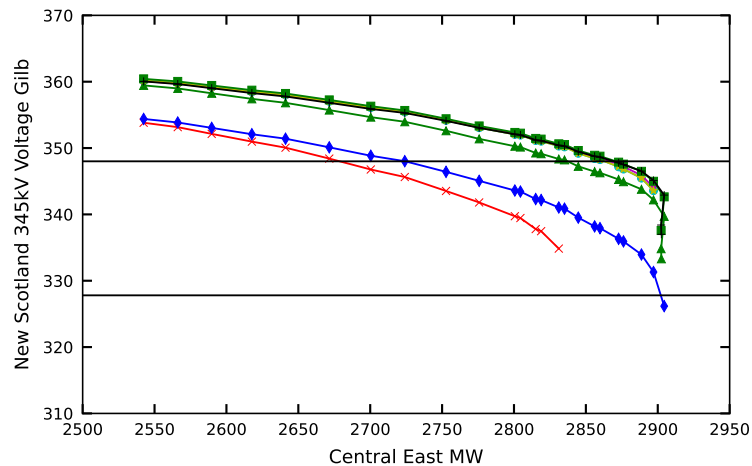
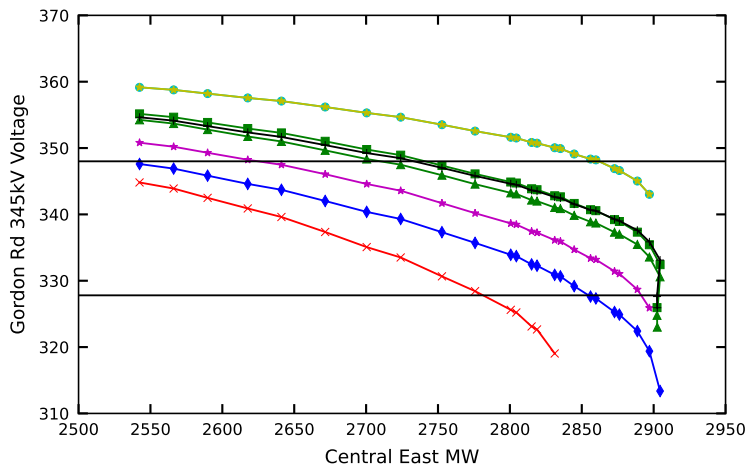
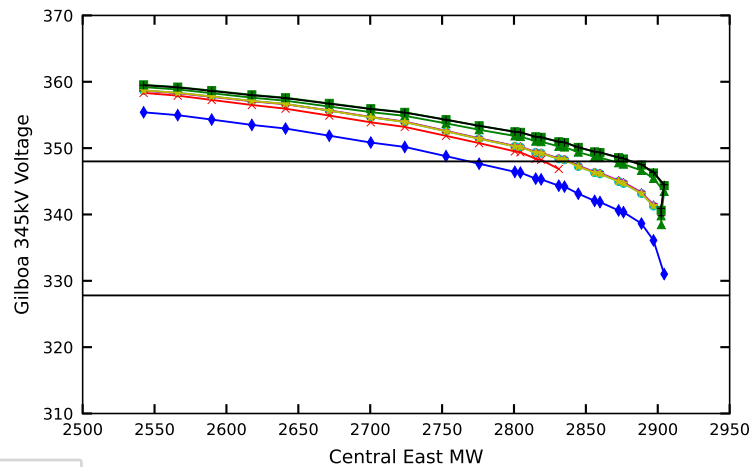
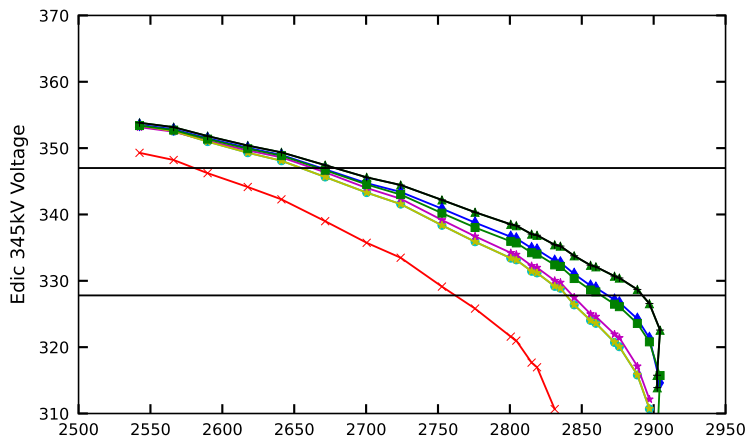
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1: 2023S CEVC PH2 CE2580 MS2270 DE1300 40 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
37732 >E	Northport 138kV Voltage	SBK Marcy R3108	2722.6	131.1	132.5	33531
38458 >E	Gardenville 230kV Voltage	Marcy South S.	1277.4	207	230.5	16354
39031 >E	Northport 138kV Voltage	Volney-Marcy	2827.3	131.1	132.1	34340
39034 >E	Northport 138kV Voltage	SBK Princetown 345	2827.3	131.1	132.1	33596
40419 >E	Northport 138kV Voltage	N.Scot-Leeds 345	2940.4	131.1	131.6	40117
42001 >E	Northport 138kV Voltage	Princetown-N.Scot 345	3062.9	131.1	131.1	41823
42005 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	3062.9	131.1	131.1	41626
43680 >E	Northport 138kV Voltage	SBK Edic R70	3196.0	131.1	130.6	44121
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998

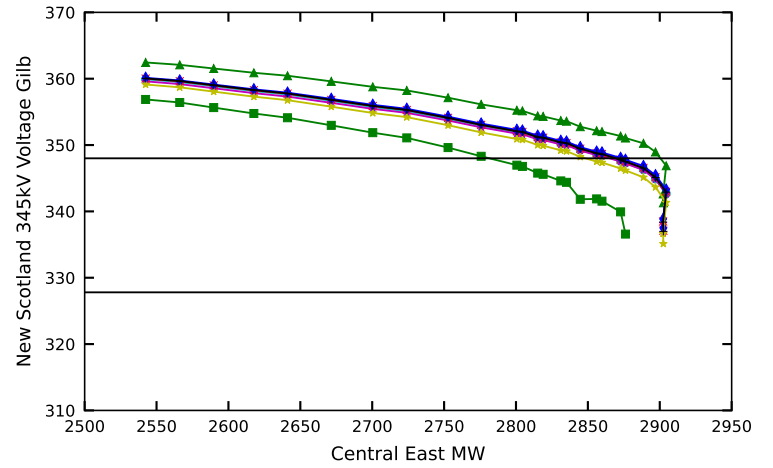
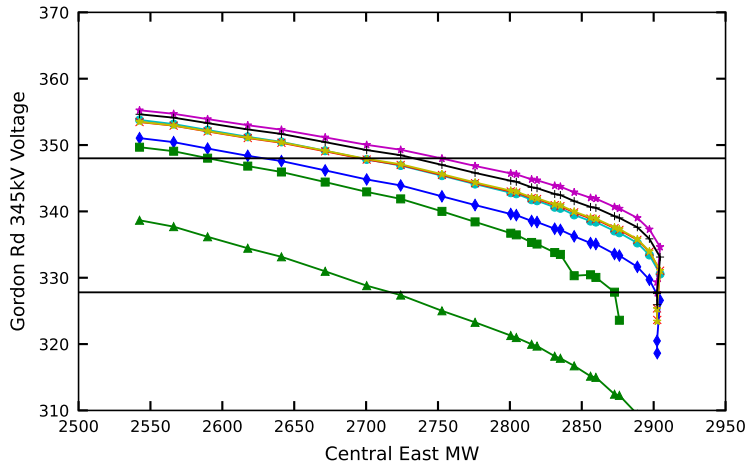
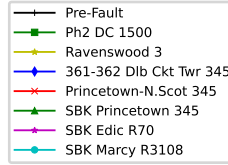
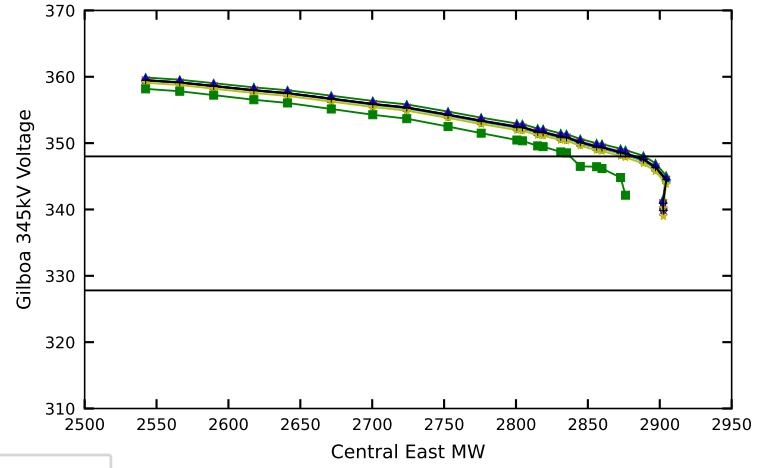
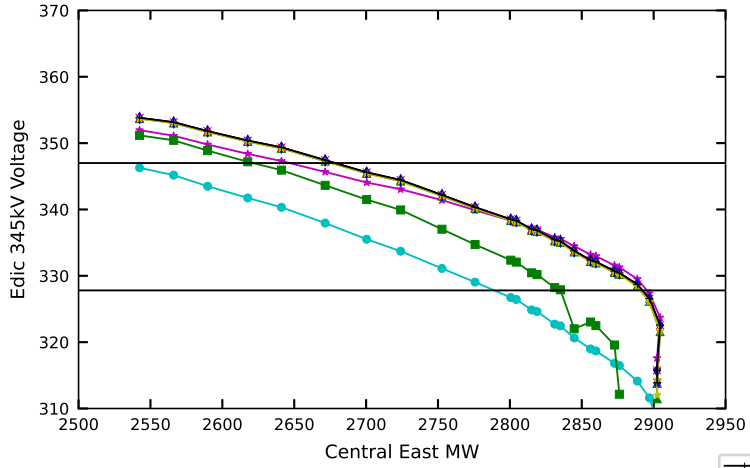
Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS Figure 1

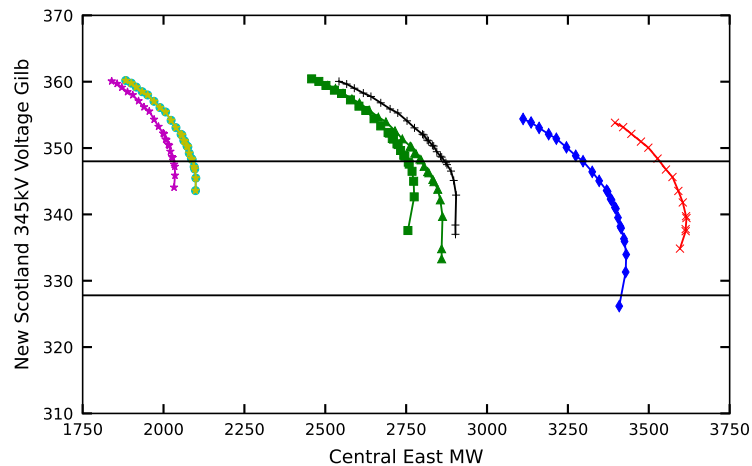
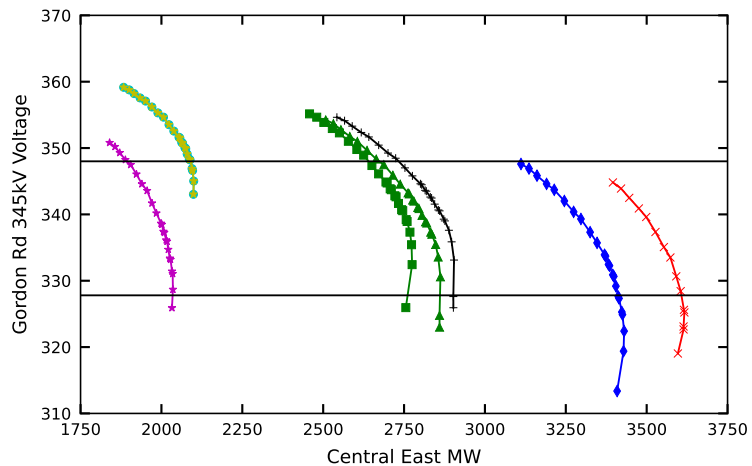
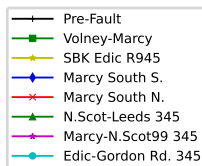
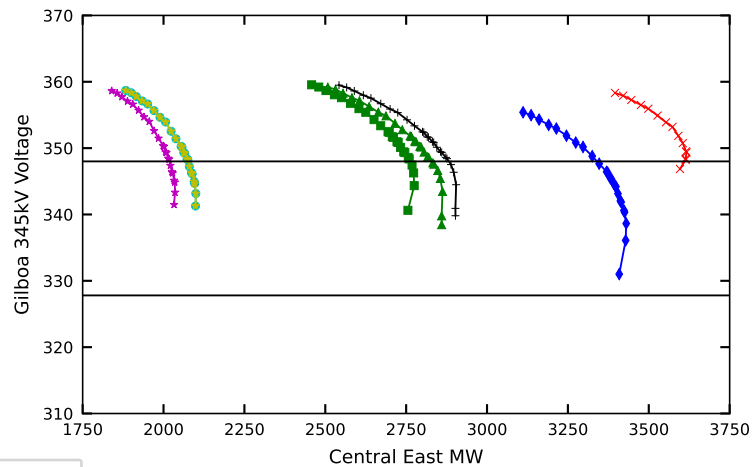
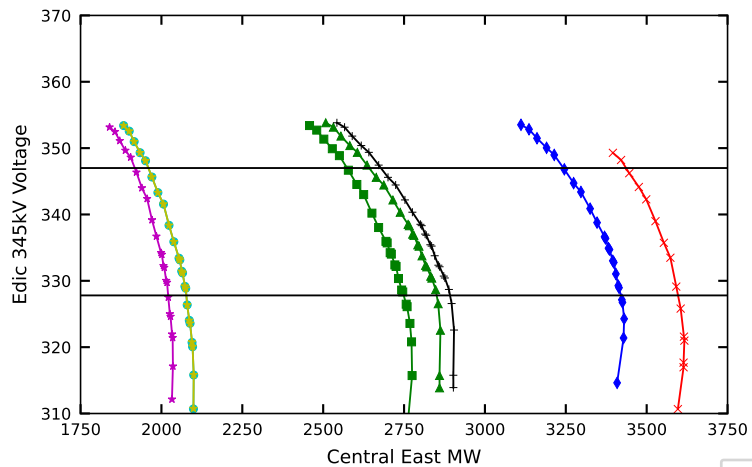


- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

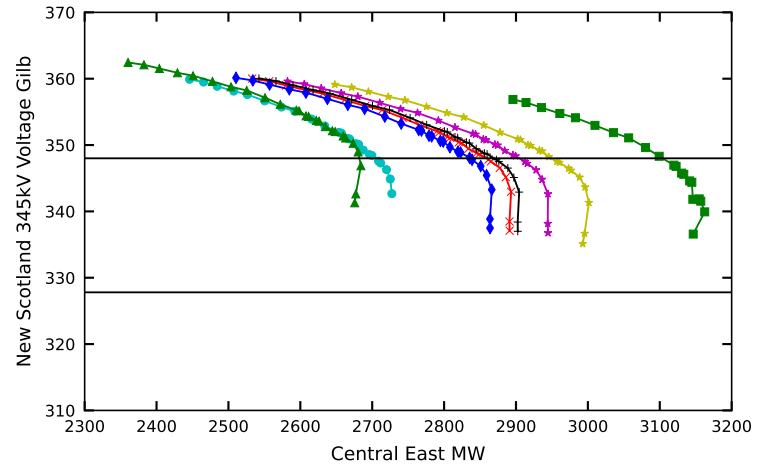
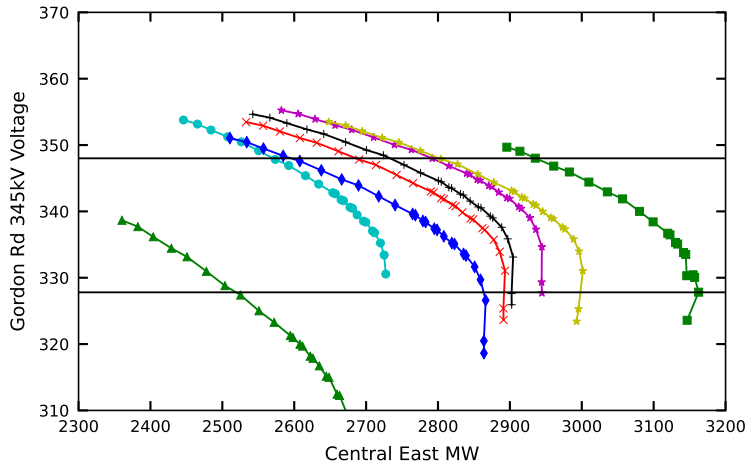
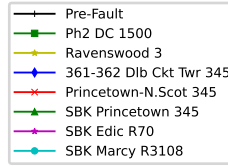
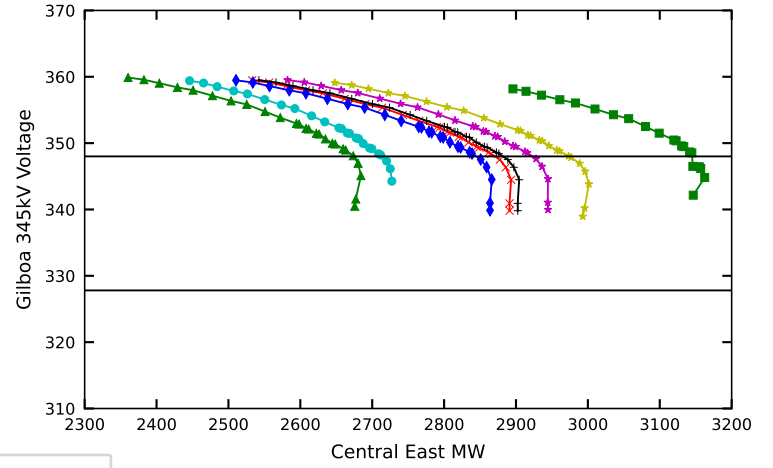
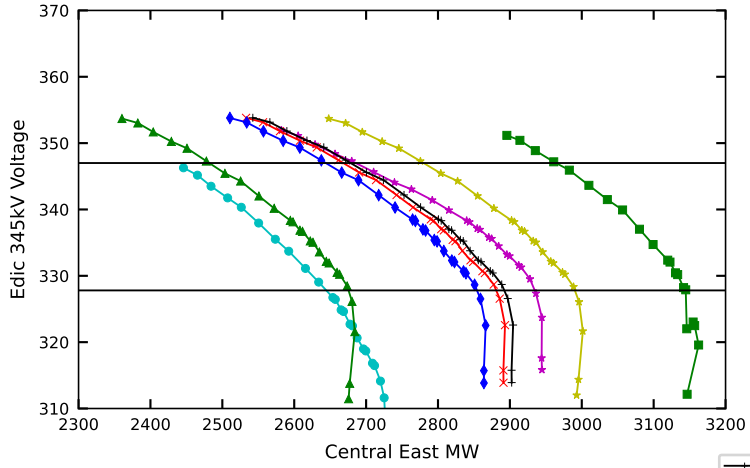
1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS Figure 2



1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS Figure 1



1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS Figure 2



Voltage Contingency Analysis Procedure (VCAP)

03-07-2023 16:36

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 4O FE1_OS

Interface: Central East

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\4O\FE1_OS\Sum2023_CEVC_PH2_4O_FE1_OS.xlsx

1: 2023S CEVC PH2 CE2540 MS2270 DE1300 4O FE1_OS

Interface: Central East

own- N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361- 362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravens wood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2439 <E	Dunwoodie 345kV Voltage	Pre-Fault	107.2	NA	348	2439
2451 <E	Sprain Brook 345kV Voltage	Pre-Fault	107.4	NA	348	2451
2663	Marcy 345kV Voltage	Pre-Fault	15.7	NA	348	2663
2664	limit with 5% margin	Marcy South N.	NA	NA	NA	3435
2678	Edic 345kV Voltage	Pre-Fault	15.7	NA	347	2678
2717	Gordon Rd 345kV Voltage	SBK Princetown 345	16.7	327.8	348.7	2519
2729	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3004
2733	Gordon Rd 345kV Voltage	Pre-Fault	19.7	NA	348	2733
2744	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1994
2744	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1933
2744	limit with 5% margin	Marcy South S.	NA	NA	NA	3258
2744	limit with 5% margin	SBK Edic R945	NA	NA	NA	1994
2753	Millwood 345kV Voltage	Pre-Fault	83.5	NA	348	2753
2759	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2719
2759	limit with 5% margin	Volney-Marcy	NA	NA	NA	2636
2759	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2590
2759	limit with 5% margin	SBK Edic R70	NA	NA	NA	2797
2759	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2550
2759	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2748
2759	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2722
2759	limit with 5% margin	Ravenswood 3	NA	NA	NA	2851
2761	Edic 345kV Voltage	Marcy South N.	6.9	327.8	341.5	3596
2764	Marcy 345kV Voltage	Marcy South N.	6.9	327.8	341.3	3598
2781	Gordon Rd 345kV Voltage	Marcy South N.	8.8	327.8	345.5	3607
2789	Edic 345kV Voltage	SBK Marcy R3108	10.7	327.8	339.4	2644
2815 >E	Oakdale 345kV Voltage	Marcy South N.	8.7	320	343.3	3620
2821	Pannell Road 345kV Voltage	Pre-Fault	12.7	NA	346	2821
2822	Station 80 345kV Voltage	Pre-Fault	11.5	NA	346	2822
2825	Clay 345kV Voltage	Pre-Fault	12.7	NA	345	2825
2834 >E	Clay 345kV Voltage	Marcy South N.	8.2	327.8	345.0	3627
2835	Edic 345kV Voltage	Ph2 DC 1500	1.6	327.8	335.2	3144
2835	Marcy 345kV Voltage	Ph2 DC 1500	1.6	327.8	335.2	3144
2836	Buchanan North 345kV Voltage	Pre-Fault	34.1	NA	346	2836
2837	Marcy 345kV Voltage	SBK Edic R945	3.8	327.8	334.8	2076
2837	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	334.8	2076
2839	Edic 345kV Voltage	SBK Edic R945	3.8	327.8	334.6	2077
2839	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	334.6	2077
2843	Edic 345kV Voltage	Marcy-N.Scot99 345	4.3	327.8	334.0	2020
2847	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.5	327.8	333.4	2022
2854	Gordon Rd 345kV Voltage	Marcy South S.	7.2	327.8	340.8	3411

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2863	Edic 345kV Voltage	Volney-Marcy	7.0	327.8	331.7	2748
2867	Marcy 345kV Voltage	Volney-Marcy	7.0	327.8	331.3	2751
2868	Edic 345kV Voltage	Marcy South S.	7.1	327.8	331.2	3420
2869	New Scotland 345kV Voltage Alps	Pre-Fault	15.3	NA	348	2869
2869	New Scotland 345kV Voltage Gilb	Pre-Fault	15.3	NA	348	2869
2870	Marcy 345kV Voltage	Marcy South S.	7.1	327.8	330.9	3421
2872 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.8	327.8	339.3	3162
2877	Oakdale 345kV Voltage	Pre-Fault	6.0	NA	335	2877
2881	Gilboa 345kV Voltage	Pre-Fault	14.0	NA	348	2881
2881	Clay 345kV Voltage	SBK Marcy R3108	7.1	327.8	341.0	2715
2886	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	339.8	2099
2886	Coopers Corners 345kV Voltage	SBK Edic R945	4.5	327.8	339.8	2099
2887	Fraser 345kV Voltage	Pre-Fault	7.1	NA	338	2887
2888	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.2	320	333.3	2099
2888	Oakdale 345kV Voltage	SBK Edic R945	3.2	320	333.2	2099
2888 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	339.6	2035
2889 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.5	327.8	337.7	2099
2889 >E	Fraser 345kV Voltage	SBK Edic R945	3.5	327.8	337.7	2099
2889 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.1	320	333.0	2035
2890	Edic 345kV Voltage	Ravenswood 3	3.7	327.8	328.2	2990
2891	Edic 345kV Voltage	SBK Princetown 345	3.6	327.8	328.1	2675
2891 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.5	327.8	337.4	2035
2891	Marcy 345kV Voltage	Ravenswood 3	3.6	327.8	328.0	2990
2891	Rock Tavern 345kV Voltage	Pre-Fault	10.2	NA	348	2891
2891	Marcy 345kV Voltage	SBK Princetown 345	3.6	327.8	327.9	2676
2891	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.9	2854
2892	Marcy 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	327.8	2850
2892	Marcy 345kV Voltage	SBK Edic R70	3.9	327.8	327.8	2931
2892	Marcy 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	2880
2892	Marcy 345kV Voltage	SBK Marcy R3108	3.9	327.8	327.8	2722
2892	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.8	2854
2892	Edic 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	327.8	2850
2892	Edic 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	2880
2893 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.3	327.8	337.1	2035
2895	Edic 345kV Voltage	SBK Edic R70	3.9	327.8	327.0	2934
2897	Coopers Corners 345kV Voltage	Pre-Fault	3.0	NA	338	2897
2897	Oakdale 345kV Voltage	SBK Marcy R3108	1.7	320	330.2	2725
2898	Pleasant Valley 345kV Voltage	Pre-Fault	7.4	NA	348	2898
2900 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	339.3	2103

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2900 >E	Clay 345kV Voltage	SBK Edic R945	4.2	327.8	339.3	2103
2901	Clay 345kV Voltage	Volney-Marcy	2.0	327.8	337.0	2774
2901	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	334.2	2863
2902	Buchanan South 345kV Voltage	Pre-Fault	8.9	NA	346	2902
2902	Oakdale 345kV Voltage	Volney-Marcy	1.7	320	327.6	2774
2903 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.6	320	331.7	3175
2904 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	338.9	2036
2908 >E	St.Lawrence 230kV Voltage	Pre-Fault	5.0	NA	225	2908
2908 >E	Clay 345kV Voltage	Ph2 DC 1500	6.4	327.8	339.4	3177
2911 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	330.6	2868
2911 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	2.6	327.8	330.5	2729
2912 >E	Gordon Rd 345kV Voltage	Ravenswood 3	2.5	327.8	330.1	3007
2912 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	2.6	327.8	330.0	2901
2913 >E	Oakdale 345kV Voltage	Ravenswood 3	1.9	320	322.3	3007
2914 >E	Oakdale 345kV Voltage	SBK Princetown 345	1.8	320	321.8	2689
2914 >E	Coopers Corners 345kV Voltage	Ravenswood 3	2.6	327.8	332.3	3008
2914 >E	Fraser 345kV Voltage	SBK Princetown 345	2.2	327.8	327.8	2689
2914 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	2.2	327.8	327.8	2902
2914 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	2.2	327.8	327.8	2871
2914 >E	Fraser 345kV Voltage	SBK Marcy R3108	2.2	327.8	327.8	2730
2914 >E	Fraser 345kV Voltage	Volney-Marcy	2.2	327.8	327.8	2777
2914 >E	Fraser 345kV Voltage	SBK Edic R70	2.2	327.8	327.8	2955
2914 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	327.8	327.8	2875
2914 >E	Fraser 345kV Voltage	Ravenswood 3	2.2	327.8	327.8	3008
2915 >E	Gordon Rd 345kV Voltage	Volney-Marcy	2.5	327.8	328.9	2777
2916 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	2.9	327.8	337.0	2730
2917 >E	Oakdale 345kV Voltage	SBK Edic R70	2.0	320	320.3	2958
2917 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.0	320	320.2	2878
2917 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.0	320	320.2	2874
2917 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.0	320	320.1	2906
2919 >E	Coopers Corners 345kV Voltage	SBK Edic R70	2.7	327.8	330.5	2961
2920 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	2.6	327.8	330.2	2692
2920 >E	Clay 345kV Voltage	Ravenswood 3	2.4	327.8	329.6	3012
2920 >E	Ramapo 345kV Voltage	Pre-Fault	9.0	NA	346	2920
2920 >E	Clay 345kV Voltage	SBK Princetown 345	2.3	327.8	329.4	2692
2921 >E	St.Lawrence 230kV Voltage	Volney-Marcy	3.8	218.5	222.3	2778
2922 >E	Fraser 345kV Voltage	Ph2 DC 1500	5.2	327.8	334.5	3183
2923 >E	Clay 345kV Voltage	SBK Edic R70	2.7	327.8	328.5	2965

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2923 >E	Gordon Rd 345kV Voltage	SBK Edic R70	2.8	327.8	326.0	2965
2924 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	2.8	327.8	328.8	2881
2924 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	2.6	327.8	327.9	2886
2925 >E	Clay 345kV Voltage	N.Scot-Leeds 345	2.6	327.8	327.9	2881
2925 >E	Clay 345kV Voltage	Princetown-N.Scot 345	2.6	327.8	327.8	2913
2925 >E	Pannell Road 345kV Voltage	Volney-Marcy	3.0	327.8	334.6	2779
2925 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	4.3	218.5	221.6	2733
2926 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	327.8	328.2	2887
2927 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	2.9	327.8	327.9	2915
2927 >E	New Scotland 345kV Voltage Alps	Marcy South S.	6.3	327.8	343.5	3446
2927 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	6.3	327.8	343.5	3446
2927 >E	Station 80 345kV Voltage	SBK Marcy R3108	3.4	327.8	335.8	2734
2928 >E	Coopers Corners 345kV Voltage	Volney-Marcy	2.9	327.8	327.4	2780
2930 >E	Pannell Road 345kV Voltage	Marcy South N.	13.7	327.8	343.3	3660
2932 >E	Ladentown 345kV Voltage	Pre-Fault	8.9	NA	346	2932
2932 >E	Ramapo 500kV Voltage	Ravenswood 3	13.7	500	505.7	3021
2934 >E	St.Lawrence 230kV Voltage	Ravenswood 3	4.5	218.5	219.8	3022
2936 >E	Station 80 345kV Voltage	Volney-Marcy	3.5	327.8	333.8	2782
2937 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	3.3	327.8	324.6	2737
2938 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	4.7	218.5	219.0	2702
2939 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	3.0	327.8	332.4	2895
2939 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	3.0	327.8	332.4	2895
2941 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	5.1	218.5	218.5	2929
2941 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	5.1	218.5	218.4	2902
2941 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	5.1	218.5	218.4	2896
2941 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	7.1	327.8	335.0	3191
2942 >E	Leeds 345kV Voltage	Pre-Fault	5.4	NA	345	2942
2943 >E	Pannell Road 345kV Voltage	Ravenswood 3	3.4	327.8	329.8	3028
2943 >E	Roseton 345kV Voltage	Pre-Fault	7.9	NA	345	2943
2944 >E	Pannell Road 345kV Voltage	SBK Princetown 345	3.4	327.8	329.4	2705
2944 >E	St.Lawrence 230kV Voltage	SBK Edic R70	5.4	218.5	217.8	2989
2947 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	3.2	327.8	330.1	3031
2947 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	3.2	327.8	330.1	3031
2949 >E	Pannell Road 345kV Voltage	SBK Edic R70	3.8	327.8	328.1	2994
2950 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	327.8	327.9	2910
2950 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	327.9	2905
2950 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	2938

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2951 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	3.2	327.8	329.0	2785
2951 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	3.2	327.8	329.0	2785
2953 >E	Station 80 345kV Voltage	Ravenswood 3	3.9	327.8	329.9	3035
2954 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	3.4	327.8	328.1	2742
2954 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	3.4	327.8	328.1	2742
2954 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	3.4	327.8	328.0	3000
2954 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	3.4	327.8	328.0	3000
2955 >E	Station 80 345kV Voltage	SBK Princetown 345	3.9	327.8	329.4	2710
2955 >E	Bowline 1 345kV Voltage	Pre-Fault	8.9	NA	345	2955
2955 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	3.4	327.8	327.7	2944
2955 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	3.4	327.8	327.7	2944
2956 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	10.2	218.5	225.9	2118
2957 >E	St.Lawrence 230kV Voltage	SBK Edic R945	10.3	218.5	225.9	2118
2957 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	3.4	327.8	327.2	2917
2957 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	3.4	327.8	327.2	2917
2957 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	7.5	327.8	339.6	2119
2958 >E	Pannell Road 345kV Voltage	SBK Edic R945	7.6	327.8	339.6	2119
2958 >E	Dunwoodie 345kV Voltage	Ravenswood 3	8.0	327.8	336.1	3039
2959 >E	Sprain Brook 345kV Voltage	Ravenswood 3	7.9	327.8	336.2	3039
2959 >E	Bowline 2 345kV Voltage	Pre-Fault	8.9	NA	345	2959
2959 >E	Fraser 345kV Voltage	Marcy South S.	7.1	327.8	327.8	3459
2960 >E	Station 80 345kV Voltage	SBK Edic R70	4.4	327.8	328.1	3006
2961 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	339.4	2040
2961 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	4.3	327.8	327.9	2921
2961 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	4.3	327.8	327.8	2915
2961 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	4.3	327.8	327.8	2949
2964 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	3.8	327.8	329.4	2918
2965 >E	Clay 345kV Voltage	Marcy South S.	7.4	327.8	333.3	3461
2966 >E	Gilboa 345kV Voltage	Ravenswood 3	3.9	327.8	328.8	3045
2967 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	10.8	218.5	225.6	2040
2967 >E	New Scotland 345kV Voltage Alps	Marcy South N.	14.0	327.8	347.5	3673
2967 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	14.0	327.8	347.5	3673
2967 >E	Gilboa 345kV Voltage	Marcy South S.	7.3	327.8	341.8	3462
2968 >E	Gilboa 345kV Voltage	Volney-Marcy	3.9	327.8	328.3	2789
2968 >E	Oakdale 345kV Voltage	Marcy South S.	5.8	320	319.9	3462
2969 >E	Gilboa 345kV Voltage	SBK Marcy R3108	4.0	327.8	328.1	2746
2969 >E	Rock Tavern 345kV Voltage	Ravenswood 3	4.6	327.8	335.1	3047
2970 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	8.0	327.8	341.4	3203

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2970 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	8.0	327.8	341.4	3203
2970 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	4.0	327.8	327.8	2958
2970 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	4.0	327.8	327.7	2930
2971 >E	Gilboa 345kV Voltage	SBK Edic R70	4.0	327.8	327.6	3018
2972 >E	Buchanan North 345kV Voltage	Ravenswood 3	7.2	327.8	335.9	3049
2972 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	3.6	327.8	322.7	2720
2972 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	3.6	327.8	322.7	2720
2973 >E	Gilboa 345kV Voltage	SBK Princetown 345	4.0	327.8	327.1	2720
2975 >E	Millwood 345kV Voltage	Ravenswood 3	7.3	327.8	336.1	3051
2981 >E	Ramapo 500kV Voltage	Ph2 DC 1500	50.4	500	507.8	3208
2983 >E	Station 80 345kV Voltage	Marcy South N.	16.2	327.8	342.6	3679
2988 >E	Buchanan South 345kV Voltage	Ravenswood 3	7.2	327.8	336.3	3060
2988 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	9.2	327.8	339.5	2127
2989 >E	Station 80 345kV Voltage	SBK Edic R945	9.3	327.8	339.5	2127
2991 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	9.2	327.8	339.4	2041
2992 >E	Rock Tavern 345kV Voltage	SBK Edic R70	5.0	327.8	331.3	3041
2995 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	5.1	327.8	330.8	2731
2995 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	18.4	218.5	225.5	3214
3000 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	12.4	327.8	340.9	3216
3002 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	329.5	2954
3008 >E	Ramapo 345kV Voltage	Ravenswood 3	7.0	327.8	336.1	3075
3009 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	328.4	2967
3009 >E	Ramapo 500kV Voltage	SBK Princetown 345	15.6	500	501.6	2739
3011 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	6.7	327.8	332.8	3076
3011 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	5.8	327.8	328.0	2999
3014 >E	Somerset 345kV Voltage	Pre-Fault	8.4	NA	338	3014
3014 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	8.2	327.8	338.5	2134
3014 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	8.1	327.8	338.5	2043
3015 >E	Ladentown 345kV Voltage	Ravenswood 3	7.0	327.8	336.7	3079
3015 >E	Ramapo 500kV Voltage	SBK Edic R70	16.1	500	501.3	3067
3015 >E	Gilboa 345kV Voltage	SBK Edic R945	8.2	327.8	338.5	2135
3020 >E	Rock Tavern 345kV Voltage	Volney-Marcy	6.2	327.8	326.4	2801
3022 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	17.3	500	500.9	2972
3024 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	7.9	327.8	322.3	2137
3024 >E	Gordon Rd 345kV Voltage	SBK Edic R945	7.9	327.8	322.2	2137
3025 >E	Ramapo 500kV Voltage	Volney-Marcy	18.0	500	500.8	2802
3026 >E	Bowline 1 345kV Voltage	Ravenswood 3	7.0	327.8	337.1	3087
3028 >E	Bowline 2 345kV Voltage	Ravenswood 3	7.0	327.8	337.1	3089
3029 >E	Buchanan North 345kV Voltage	SBK Edic R70	8.2	327.8	329.8	3082

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3029 >E	Sprain Brook 345kV Voltage	SBK Edic R70	9.1	327.8	329.1	3083
3029 >E	Dunwoodie 345kV Voltage	SBK Edic R70	9.2	327.8	329.0	3083
3032 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	9.4	327.8	328.7	2982
3033 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	9.5	327.8	328.7	2982
3033 >E	Roseton 345kV Voltage	Ravenswood 3	6.8	327.8	333.7	3092
3034 >E	Buchanan North 345kV Voltage	SBK Princetown 345	8.4	327.8	329.2	2752
3034 >E	Gilboa 345kV Voltage	Ph2 DC 1500	9.5	327.8	339.3	3231
3034 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	327.8	2983
3034 >E	Leeds 345kV Voltage	Volney-Marcy	5.4	327.8	327.8	2804
3034 >E	Leeds 345kV Voltage	SBK Princetown 345	5.4	327.8	327.8	2752
3034 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	5.4	327.8	327.8	3022
3034 >E	Leeds 345kV Voltage	Ravenswood 3	5.4	327.8	327.8	3093
3034 >E	Leeds 345kV Voltage	SBK Marcy R3108	5.4	327.8	327.8	2766
3034 >E	Leeds 345kV Voltage	SBK Edic R70	5.4	327.8	327.8	3089
3034 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	5.4	327.8	327.8	2992
3034 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	18.5	500	500.3	2992
3035 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	30.6	500	507.2	2044
3036 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	9.2	327.8	340.3	2141
3036 >E	Millwood 345kV Voltage	SBK Edic R70	8.2	327.8	329.3	3090
3036 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	9.1	327.8	340.3	2044
3036 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	9.3	327.8	328.3	2753
3036 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	8.6	327.8	329.0	2985
3036 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	6.8	327.8	323.7	2766
3036 >E	Rock Tavern 345kV Voltage	SBK Edic R945	9.2	327.8	340.3	2141
3037 >E	Somerset 345kV Voltage	SBK Marcy R3108	6.6	327.8	335.3	2766
3037 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	9.4	327.8	328.3	2754
3038 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	7.1	327.8	329.2	2987
3038 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	18.9	500	500.1	3026
3038 >E	Ramapo 500kV Voltage	SBK Marcy R3108	19.8	500	500.1	2767
3040 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	8.5	327.8	328.9	2989
3040 >E	Ramapo 500kV Voltage	Pre-Fault	19.1	NA	500	3040
3040 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	9.8	327.8	327.9	2998
3040 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	7.1	327.8	328.8	3095
3041 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	9.9	327.8	327.9	2998
3041 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	9.9	327.8	327.8	3028
3041 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	10.0	327.8	327.8	3029
3043 >E	Millwood 345kV Voltage	SBK Princetown 345	8.4	327.8	328.5	2757

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3044 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	328.1	3002
3044 >E	Leeds 345kV Voltage	Marcy South S.	8.3	327.8	347.7	3493
3045 >E	Somerset 345kV Voltage	Volney-Marcy	6.6	327.8	334.3	2807
3046 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	32.3	500	507.2	2143
3046 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	9.2	327.8	327.9	3033
3046 >E	Buchanan South 345kV Voltage	SBK Edic R70	8.1	327.8	329.7	3102
3047 >E	Ramapo 500kV Voltage	SBK Edic R945	32.6	500	507.2	2144
3048 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	7.4	327.8	327.8	3035
3048 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	7.4	327.8	327.8	3005
3048 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	8.9	327.8	327.9	3006
3049 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	8.9	327.8	327.8	3037
3049 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	7.3	327.8	327.6	2760
3050 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	9.2	327.8	333.9	2145
3050 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	9.2	327.8	333.9	2145
3050 >E	Sprain Brook 345kV Voltage	Volney-Marcy	10.2	327.8	326.9	2808
3051 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	9.2	327.8	333.8	2145
3051 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	9.2	327.8	333.8	2145
3051 >E	Dunwoodie 345kV Voltage	Volney-Marcy	10.4	327.8	326.9	2808
3052 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	8.4	327.8	329.1	3000
3053 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	7.6	327.8	327.1	2809
3053 >E	Buchanan South 345kV Voltage	SBK Princetown 345	8.2	327.8	329.0	2762
3054 >E	Buchanan North 345kV Voltage	Volney-Marcy	9.5	327.8	327.0	2809
3057 >E	Ramapo 345kV Voltage	SBK Edic R70	7.8	327.8	330.7	3114
3057 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	9.4	327.8	333.3	2046
3057 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	9.4	327.8	333.3	2046
3058 >E	Millwood 345kV Voltage	Volney-Marcy	9.2	327.8	326.8	2810
3060 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	10.8	327.8	325.9	2773
3060 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	7.8	327.8	326.1	2773
3061 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	10.9	327.8	325.9	2773
3062 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	8.8	327.8	328.0	3019
3062 >E	Ramapo 345kV Voltage	SBK Princetown 345	8.0	327.8	330.1	2767
3063 >E	Roseton 345kV Voltage	SBK Edic R70	7.3	327.8	330.0	3120
3063 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	8.9	327.8	327.9	3050
3064 >E	St.Lawrence 230kV Voltage	Marcy South N.	28.1	218.5	227.3	3707
3068 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	10.2	327.8	325.5	2776
3069 >E	Roseton 345kV Voltage	SBK Princetown 345	7.4	327.8	329.2	2770
3069 >E	Ladentown 345kV Voltage	SBK Edic R70	7.9	327.8	330.6	3127

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3069 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	8.4	327.8	329.4	3016
3069 >E	Millwood 345kV Voltage	SBK Marcy R3108	9.7	327.8	325.6	2776
3069 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	7.5	327.8	329.1	3016
3072 >E	Somerset 345kV Voltage	Ravenswood 3	7.5	327.8	331.1	3119
3072 >E	Buchanan South 345kV Voltage	Volney-Marcy	9.2	327.8	326.8	2813
3074 >E	Ladentown 345kV Voltage	SBK Princetown 345	8.0	327.8	330.0	2773
3078 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	7.8	327.8	328.1	3035
3079 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	8.8	327.8	328.2	3036
3079 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	8.3	327.8	329.4	3026
3079 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	7.9	327.8	327.9	3067
3080 >E	Somerset 345kV Voltage	SBK Princetown 345	7.7	327.8	330.1	2777
3081 >E	Bowline 1 345kV Voltage	SBK Edic R70	7.9	327.8	330.8	3141
3082 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	8.9	327.8	327.9	3069
3084 >E	Bowline 2 345kV Voltage	SBK Edic R70	7.8	327.8	330.9	3144
3085 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	9.8	327.8	325.4	2781
3086 >E	Station 80 345kV Voltage	Ph2 DC 1500	19.1	327.8	343.9	3253
3086 >E	Pannell Road 345kV Voltage	Marcy South S.	14.3	327.8	333.5	3510
3087 >E	Bowline 1 345kV Voltage	SBK Princetown 345	8.0	327.8	330.1	2780
3088 >E	Roseton 345kV Voltage	Volney-Marcy	8.2	327.8	326.8	2817
3090 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	8.7	327.8	328.2	3046
3090 >E	Bowline 2 345kV Voltage	SBK Princetown 345	8.0	327.8	330.2	2782
3093 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	8.9	327.8	327.9	3080
3093 >E	Ramapo 345kV Voltage	Volney-Marcy	9.3	327.8	326.7	2818
3093 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	8.3	327.8	329.5	3038
3096 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	8.3	327.8	329.5	3041
3099 >E	Somerset 345kV Voltage	SBK Edic R70	8.6	327.8	327.9	3160
3099 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	8.4	327.8	327.9	3055
3099 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	8.4	327.8	327.8	3044
3100 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	8.4	327.8	327.8	3087
3101 >E	Roseton 345kV Voltage	SBK Marcy R3108	8.6	327.8	325.2	2785
3103 >E	Ladentown 345kV Voltage	Volney-Marcy	9.2	327.8	326.7	2820
3105 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	8.8	327.8	328.2	3060
3107 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	8.9	327.8	327.9	3094
3108 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	8.7	327.8	328.2	3063
3110 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	8.8	327.8	327.9	3097

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3111 >E	Ramapo 345kV Voltage	SBK Marcy R3108	10.1	327.8	324.7	2789
3119 >E	Bowline 1 345kV Voltage	Volney-Marcy	9.2	327.8	326.6	2824
3121 >E	Ladentown 345kV Voltage	SBK Marcy R3108	9.9	327.8	324.7	2792
3122 >E	Bowline 2 345kV Voltage	Volney-Marcy	9.2	327.8	326.6	2824
3126 >E	Watercure 230kV Voltage	Marcy South N.	20.4	207	225.7	3729
3126 >E	St.Lawrence 230kV Voltage	Marcy South S.	26.5	218.5	221.4	3526
3138 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	9.9	327.8	324.5	2796
3141 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	9.9	327.8	324.4	2797
3148 >E	Watercure 230kV Voltage	SBK Marcy R3108	11.7	207	222.5	2800
3149 >E	Station 80 345kV Voltage	Marcy South S.	17.8	327.8	333.2	3536
3153 >E	Niagara 230kV East Voltage	Ph2 DC 1500	20.8	218.5	224.3	3281
3153 >E	Niagara 230kV West Voltage	Ph2 DC 1500	20.8	218.5	224.3	3281
3157 >E	Pleasant Valley 345kV Voltage	Marcy South S.	16.3	327.8	340.6	3539
3178 >E	Watercure 230kV Voltage	Volney-Marcy	12.4	207	221.3	2837
3183 >E	Ramapo 500kV Voltage	Marcy South N.	48.9	500	503.2	3749
3184 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	15.9	327.8	336.1	3295
3185 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	19.3	327.8	336.9	2054
3187 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	19.6	327.8	336.9	2183
3188 >E	Buchanan North 345kV Voltage	SBK Edic R945	19.6	327.8	336.8	2183
3208 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	16.6	327.8	340.0	2055
3209 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	15.8	207	231.5	2055
3210 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	16.9	327.8	339.9	2189
3212 >E	Ramapo 345kV Voltage	SBK Edic R945	16.9	327.8	339.9	2189
3216 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	16.2	207	231.5	2191
3221 >E	Watercure 230kV Voltage	SBK Edic R945	16.4	207	231.5	2192
3243 >E	Leeds 345kV Voltage	Ph2 DC 1500	14.5	327.8	341.8	3320
3257 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	17.6	327.8	340.2	2058
3260 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	17.9	327.8	340.1	2203
3261 >E	Ladentown 345kV Voltage	SBK Edic R945	18.0	327.8	340.0	2203
3261 >E	Fraser 345kV Voltage	Marcy South N.	23.7	327.8	327.8	3776
3266 >E	Watercure 230kV Voltage	Ph2 DC 1500	19.1	207	229.6	3330
3267 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	17.8	327.8	344.3	2205
3267 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	17.7	327.8	344.3	2059
3268 >E	Rainey 345kV Voltage	Ravenswood 3	19.1	327.8	342.0	3258
3271 >E	Somerset 345kV Voltage	SBK Edic R945	18.0	327.8	344.3	2206
3275 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	20.9	327.8	336.9	2059
3276 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	21.1	327.8	336.9	2208
3277 >E	Niagara 345kV Voltage	Pre-Fault	18.8	NA	338	3277
3277 >E	Buchanan South 345kV Voltage	SBK Edic R945	21.2	327.8	336.8	2208
3278 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	26.2	327.8	335.8	3335
3282 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	20.4	327.8	337.8	3337

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3284 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	17.6	327.8	341.0	2060
3287 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	17.9	327.8	341.0	2211
3289 >E	Bowline 1 345kV Voltage	SBK Edic R945	17.9	327.8	340.9	2211
3289 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	23.3	327.8	335.2	2211
3289 >E	Farragut 345kV Voltage	Ravenswood 3	20.0	327.8	341.3	3272
3290 >E	Millwood 345kV Voltage	SBK Edic R945	23.3	327.8	335.2	2211
3290 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	23.0	327.8	335.2	2060
3292 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	17.6	327.8	341.3	2060
3295 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	17.8	327.8	341.2	2213
3297 >E	Niagara 345kV Voltage	SBK Marcy R3108	13.7	327.8	336.9	2844
3297 >E	Bowline 2 345kV Voltage	SBK Edic R945	17.9	327.8	341.1	2213
3298 >E	Niagara 230kV East Voltage	Pre-Fault	48.7	NA	225	3298
3298 >E	Niagara 230kV West Voltage	Pre-Fault	48.7	NA	225	3298
3299 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	27.4	327.8	334.0	2214
3300 >E	Sprain Brook 345kV Voltage	SBK Edic R945	27.5	327.8	333.9	2214
3301 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	27.2	327.8	333.9	2061
3302 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	27.8	327.8	333.8	2215
3303 >E	Niagara 345kV Voltage	Volney-Marcy	13.7	327.8	336.6	2866
3303 >E	Dunwoodie 345kV Voltage	SBK Edic R945	27.9	327.8	333.8	2215
3305 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	27.6	327.8	333.8	2061
3305 >E	Watercure 230kV Voltage	Ravenswood 3	16.7	207	216.2	3284
3324 >E	Millwood 345kV Voltage	Ph2 DC 1500	26.1	327.8	335.6	3354
3326 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	19.2	327.8	338.0	2062
3327 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	19.4	327.8	338.0	2222
3328 >E	Roseton 345kV Voltage	SBK Edic R945	19.5	327.8	337.9	2222
3329 >E	Niagara 230kV East Voltage	SBK Marcy R3108	30.6	218.5	224.4	2853
3329 >E	Niagara 230kV West Voltage	SBK Marcy R3108	30.6	218.5	224.4	2853
3334 >E	Niagara 230kV East Voltage	Volney-Marcy	30.4	218.5	224.3	2873
3334 >E	Niagara 230kV West Voltage	Volney-Marcy	30.4	218.5	224.3	2873
3335 >E	Watercure 230kV Voltage	Pre-Fault	24.9	NA	215	3335
3336 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	30.7	327.8	334.3	3359
3338 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	30.9	327.8	334.2	3360
3345 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	25.6	327.8	336.5	3363
3348 >E	Watercure 230kV Voltage	SBK Princetown 345	17.9	207	214.5	2917
3363 >E	Ramapo 345kV Voltage	Ph2 DC 1500	24.7	327.8	337.4	3371
3369 >E	Niagara 345kV Voltage	Ravenswood 3	15.8	327.8	333.1	3329
3383 >E	Gilboa 345kV Voltage	Marcy South N.	26.8	327.8	339.1	3818
3392 >E	Millwood 345kV Voltage	Marcy South S.	28.4	327.8	332.5	3634
3394 >E	Dunwoodie 345kV Voltage	Marcy South S.	32.9	327.8	331.8	3635
3395 >E	Rainey 345kV Voltage	Pre-Fault	31.7	NA	338	3395
3395 >E	Farragut 345kV Voltage	Pre-Fault	32.7	NA	338	3395

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3398 >E	Roseton 345kV Voltage	Ph2 DC 1500	22.8	327.8	338.0	3386
3399 >E	Ladentown 345kV Voltage	Ph2 DC 1500	24.8	327.8	338.0	3386
3400 >E	Sprain Brook 345kV Voltage	Marcy South S.	33.0	327.8	331.7	3637
3401 >E	Roseton 345kV Voltage	Marcy South S.	21.8	327.8	335.6	3638
3403 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	24.1	327.8	333.0	2243
3404 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	24.2	327.8	333.0	2243
3406 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	24.0	327.8	332.9	2067
3409 >E	Niagara 345kV Voltage	SBK Princetown 345	16.9	327.8	331.0	2950
3410 >E	Somerset 345kV Voltage	Marcy South N.	28.8	327.8	345.2	3828
3423 >E	Niagara 230kV East Voltage	Ravenswood 3	36.3	218.5	222.4	3367
3423 >E	Niagara 230kV West Voltage	Ravenswood 3	36.3	218.5	222.4	3367
3438 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	24.7	327.8	338.7	3403
3449 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	24.7	327.8	338.9	3407
3463 >E	Niagara 345kV Voltage	SBK Edic R70	18.8	327.8	328.1	3564
3466 >E	Goethals 345kV Voltage	Ravenswood 3	27.1	327.8	340.2	3397
3467 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	18.7	327.8	327.9	3411
3467 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	18.8	327.8	327.9	3387
3468 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	18.8	327.8	327.8	3452
3518 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	23.9	327.8	327.8	2275
3518 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	23.9	327.8	327.8	2075
3518 >E	Leeds 345kV Voltage	SBK Edic R945	23.9	327.8	327.8	2275
3519 >E	Niagara 230kV East Voltage	SBK Princetown 345	42.3	218.5	220.5	3007
3519 >E	Niagara 230kV West Voltage	SBK Princetown 345	42.3	218.5	220.5	3007
3521 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	24.4	207	207.6	3464
3529 >E	Buchanan South 345kV Voltage	Marcy South S.	31.4	327.8	330.0	3690
3530 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	24.7	207	207.2	3446
3531 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	24.8	207	207.1	3515
3536 >E	Rock Tavern 345kV Voltage	Marcy South S.	22.7	327.8	313.2	3692
3539 >E	Watercure 230kV Voltage	SBK Edic R70	25.3	207	206.8	3649
3558 >E	Ramapo 500kV Voltage	Marcy South S.	90.6	500	505.1	3701
3562 >E	Goethals 345kV Voltage	Pre-Fault	44.1	NA	338	3562
3583 >E	Niagara 230kV East Voltage	SBK Edic R70	47.1	218.5	219.1	3698
3583 >E	Niagara 230kV West Voltage	SBK Edic R70	47.1	218.5	219.1	3698
3598 >E	Buchanan North 345kV Voltage	Marcy South S.	36.3	327.8	325.8	3718
3609 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	48.4	218.5	218.6	3549
3609 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	48.4	218.5	218.6	3549
3610 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	48.4	218.5	218.6	3521

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3610 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	48.4	218.5	218.6	3521
3613 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	48.6	218.5	218.5	3596
3613 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	48.6	218.5	218.5	3596
3660 >E	Rainey 345kV Voltage	SBK Edic R70	29.5	327.8	329.7	3783
3670 >E	Rainey 345kV Voltage	SBK Princetown 345	29.7	327.8	329.3	3087
3671 >E	Farragut 345kV Voltage	SBK Edic R70	30.5	327.8	329.6	3795
3679 >E	Farragut 345kV Voltage	SBK Princetown 345	30.6	327.8	329.3	3092
3680 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	30.3	327.8	329.0	3586
3691 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	31.3	327.8	329.0	3596
3694 >E	Leeds 345kV Voltage	Marcy South N.	33.9	327.8	346.6	3927
3711 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	31.4	327.8	328.0	3648
3716 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	31.6	327.8	327.9	3698
3722 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	32.4	327.8	328.0	3658
3727 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	32.6	327.8	327.9	3708
3744 >E	Somerset 345kV Voltage	Marcy South S.	36.6	327.8	335.1	3777
3746 >E	Rainey 345kV Voltage	Volney-Marcy	32.6	327.8	326.9	2967
3756 >E	Farragut 345kV Voltage	Volney-Marcy	33.6	327.8	327.0	2969
3792 >E	Rainey 345kV Voltage	SBK Marcy R3108	34.3	327.8	325.5	2991
3802 >E	Farragut 345kV Voltage	SBK Marcy R3108	35.4	327.8	325.6	2994
3857 >E	Coopers Corners 345kV Voltage	Marcy South S.	25.4	327.8	240.6	3823
3890 >E	Ramapo 345kV Voltage	Marcy South S.	39.9	327.8	320.1	3836
3898 >E	Gardenville 230kV Voltage	SBK Marcy R3108	37.5	207	220.5	3023
3908 >E	Gardenville 230kV Voltage	Volney-Marcy	37.4	207	220.4	3004
3931 >E	Ladentown 345kV Voltage	Marcy South S.	40.6	327.8	321.0	3853
3936 >E	Goethals 345kV Voltage	SBK Princetown 345	41.0	327.8	329.5	3227
3944 >E	Goethals 345kV Voltage	SBK Edic R70	41.5	327.8	329.3	4099
3947 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	37.2	327.8	349.6	2101
3954 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	37.6	327.8	349.5	2397
3967 >E	Niagara 345kV Voltage	SBK Edic R945	38.0	327.8	349.4	2400
3970 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	42.5	327.8	328.8	3857
4001 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	43.7	327.8	328.1	3929
4009 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	44.0	327.8	327.9	3988
4037 >E	Goethals 345kV Voltage	Volney-Marcy	44.9	327.8	327.2	3034
4055 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	84.1	218.5	230.7	2108
4055 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	84.1	218.5	230.7	2108
4066 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	85.1	218.5	230.7	2428
4066 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	85.1	218.5	230.7	2428
4082 >E	Niagara 230kV East Voltage	SBK Edic R945	86.3	218.5	230.6	2432

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4082 >E	Niagara 230kV West Voltage	SBK Edic R945	86.3	218.5	230.6	2432
4097 >E	Goethals 345kV Voltage	SBK Marcy R3108	47.2	327.8	325.9	3082
4104 >E	Bowline 1 345kV Voltage	Marcy South S.	44.5	327.8	317.9	3923
4131 >E	Bowline 2 345kV Voltage	Marcy South S.	44.8	327.8	317.5	3934
4146 >E	Gardenville 230kV Voltage	Pre-Fault	70.8	NA	217	4146
4185 >E	Gardenville 230kV Voltage	Ravenswood 3	47.0	207	216.5	3904
4245 >E	Gardenville 230kV Voltage	Ph2 DC 1500	51.8	207	229.5	3746
4263 >E	Niagara 230kV East Voltage	Marcy South N.	102.3	218.5	229.7	4127
4263 >E	Niagara 230kV West Voltage	Marcy South N.	102.3	218.5	229.7	4127
4278 >E	Niagara 345kV Voltage	Marcy South N.	52.5	327.8	347.9	4132
4389 >E	Gardenville 230kV Voltage	SBK Princetown 345	54.3	207	213.6	3465
4516 >E	Coopers Corners 345kV Voltage	Marcy South N.	59.7	327.8	306.3	4215
4536 >E	Pleasant Valley 345kV Voltage	Marcy South N.	81.5	327.8	343.9	4222
4817 >E	Gardenville 230kV Voltage	SBK Edic R70	69.8	207	207.5	5069
4827 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	69.9	207	207.4	4729
4829 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	70.0	207	207.3	4658
4847 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	70.5	207	207.1	4819
4913 >E	Gardenville 230kV Voltage	Marcy South N.	84.3	207	229.1	4354
5066 >E	Northport 138kV Voltage	Pre-Fault	245.6	NA	135	5066
5135 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	86.1	327.8	338.1	2176
5150 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	86.9	327.8	338.0	2731
5157 >E	Rainey 345kV Voltage	SBK Edic R945	87.2	327.8	338.0	2731
5164 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	89.0	327.8	338.0	2178
5180 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	89.9	327.8	337.8	2740
5188 >E	Farragut 345kV Voltage	SBK Edic R945	90.2	327.8	337.8	2739
5264 >E	Rainey 345kV Voltage	Ph2 DC 1500	92.1	327.8	338.3	4180
5305 >E	Farragut 345kV Voltage	Ph2 DC 1500	95.5	327.8	338.2	4197
5357 >E	Northport 138kV Voltage	Ravenswood 3	198.0	131.1	133.8	4732
5519 >E	Niagara 345kV Voltage	Marcy South S.	89.2	327.8	337.8	4497
5539 >E	Buchanan North 345kV Voltage	Marcy South N.	137.1	327.8	334.0	4573
5625 >E	Rainey 345kV Voltage	Marcy South S.	104.5	327.8	334.7	4540
5666 >E	Farragut 345kV Voltage	Marcy South S.	108.1	327.8	334.5	4556
5809 >E	Northport 138kV Voltage	SBK Edic R70	228.8	131.1	132.0	6170
5880 >E	Northport 138kV Voltage	SBK Princetown 345	234.1	131.1	131.7	4249
5885 >E	Northport 138kV Voltage	N.Scot-Leeds 345	234.8	131.1	131.7	5643
5904 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	118.8	327.8	338.1	2224
5922 >E	Roseton 345kV Voltage	Marcy South N.	120.0	327.8	340.7	4707
5931 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	120.1	327.8	337.9	2949
5941 >E	Goethals 345kV Voltage	SBK Edic R945	120.5	327.8	337.9	2949
6002 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr	243.9	131.1	131.2	5868

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
6017 >E	Northport 138kV Voltage	Princetown-N.Scot 345	245.1	131.1	131.1	5978
6029 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	119.8	207	249.1	2232
6050 >E	Goethals 345kV Voltage	Ph2 DC 1500	125.7	327.8	338.6	4514
6114 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	123.4	207	249.5	3000
6140 >E	Northport 138kV Voltage	Volney-Marcy	254.4	131.1	130.6	3515
6204 >E	Gardenville 230kV Voltage	SBK Edic R945	126.9	207	249.9	3022
6242 >E	Ramapo 345kV Voltage	Marcy South N.	137.7	327.8	334.1	4819
6287 >E	Northport 138kV Voltage	SBK Marcy R3108	265.8	131.1	130.0	3734
6460 >E	Rock Tavern 345kV Voltage	Marcy South N.	133.8	327.8	326.8	4895
6470 >E	Buchanan South 345kV Voltage	Marcy South N.	168.3	327.8	337.7	4899
6567 >E	Millwood 345kV Voltage	Marcy South N.	190.6	327.8	340.0	4933
6587 >E	Goethals 345kV Voltage	Marcy South S.	145.3	327.8	334.6	4930
6788 >E	Niagara 230kV East Voltage	Marcy South S.	270.4	218.5	225.2	5012
6788 >E	Niagara 230kV West Voltage	Marcy South S.	270.4	218.5	225.2	5012
6800 >E	Ladentown 345kV Voltage	Marcy South N.	154.1	327.8	333.8	5014
7385 >E	Sprain Brook 345kV Voltage	Marcy South N.	266.4	327.8	339.7	5219
7479 >E	Bowline 1 345kV Voltage	Marcy South N.	169.8	327.8	332.3	5252
7525 >E	Bowline 2 345kV Voltage	Marcy South N.	168.9	327.8	332.5	5268
7530 >E	Dunwoodie 345kV Voltage	Marcy South N.	276.9	327.8	340.2	5270
11697 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	694.9	131.1	135.2	2587
11729 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	697.9	131.1	135.1	4569
11751 >E	Northport 138kV Voltage	SBK Edic R945	699.7	131.1	135.1	4567
12761 >E	Northport 138kV Voltage	Marcy South S.	779.6	131.1	134.1	7434
13031 >E	Northport 138kV Voltage	Ph2 DC 1500	803.2	131.1	135.0	7484
23516 >E	Farragut 345kV Voltage	Marcy South N.	790.8	327.8	348.3	10863
23673 >E	Rainey 345kV Voltage	Marcy South N.	781.0	327.8	348.8	10918
31484 >E	Goethals 345kV Voltage	Marcy South N.	1109.9	327.8	351.5	13651
73302 >E	Watercure 230kV Voltage	Marcy South S.	2677.6	207	50.6	31990
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

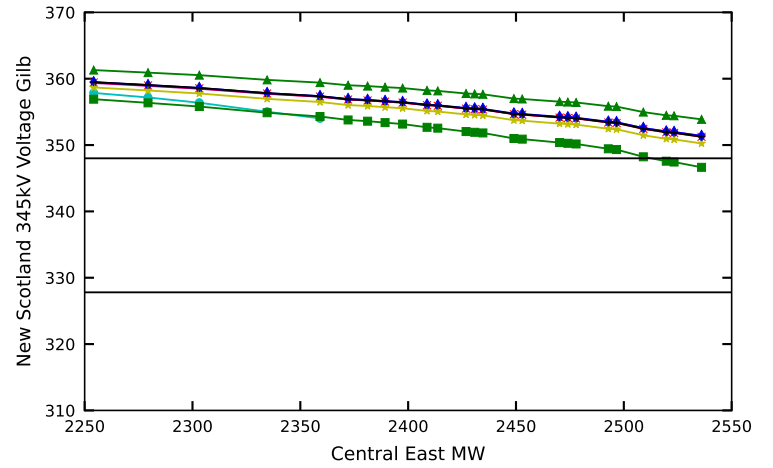
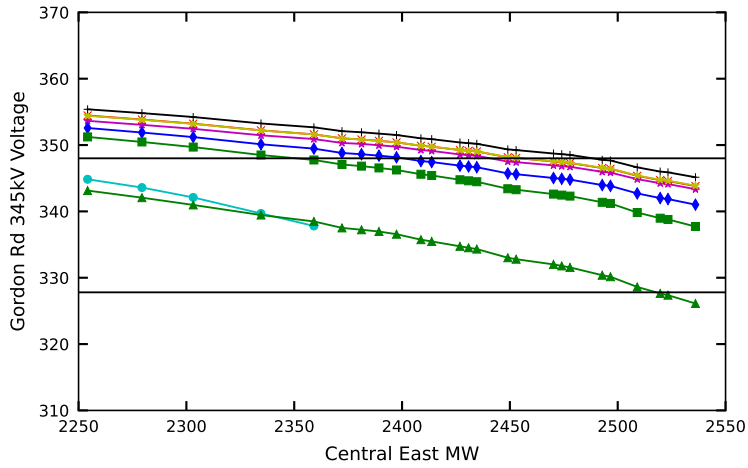
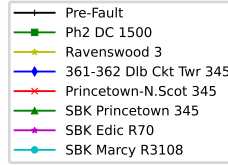
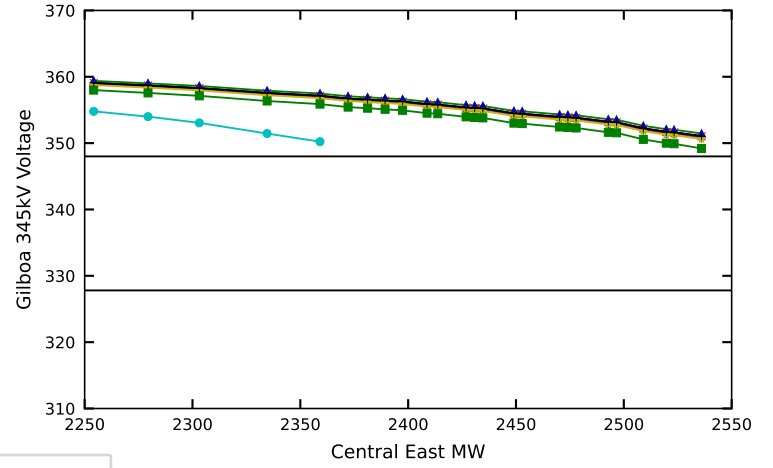
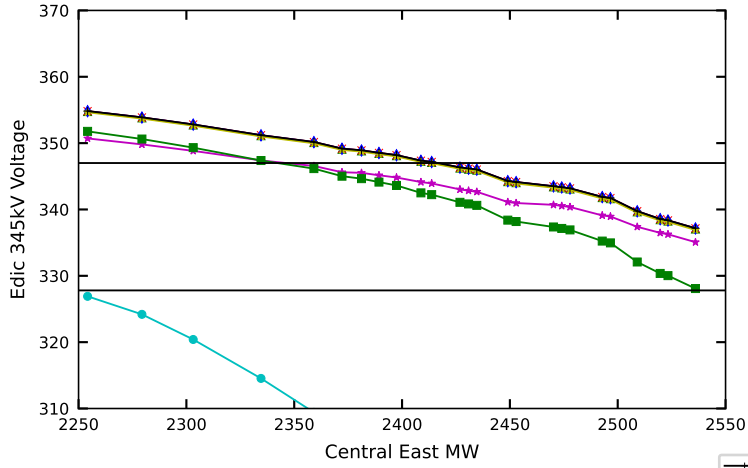
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1: 2023S CEVC PH2 CE2540 MS2270 DE1300 40 FE1_OS

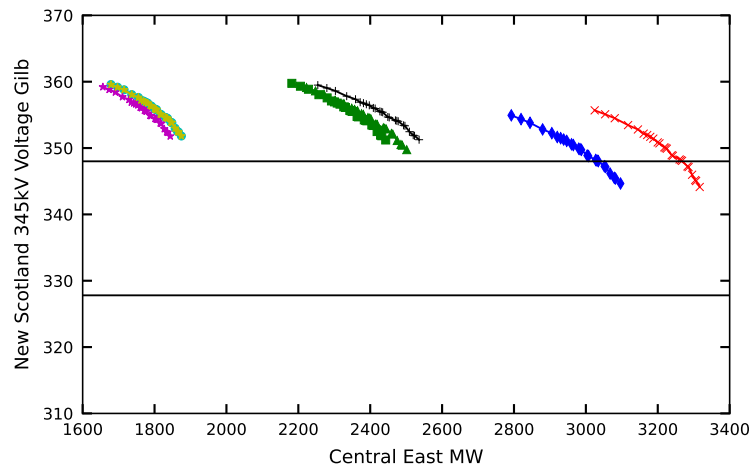
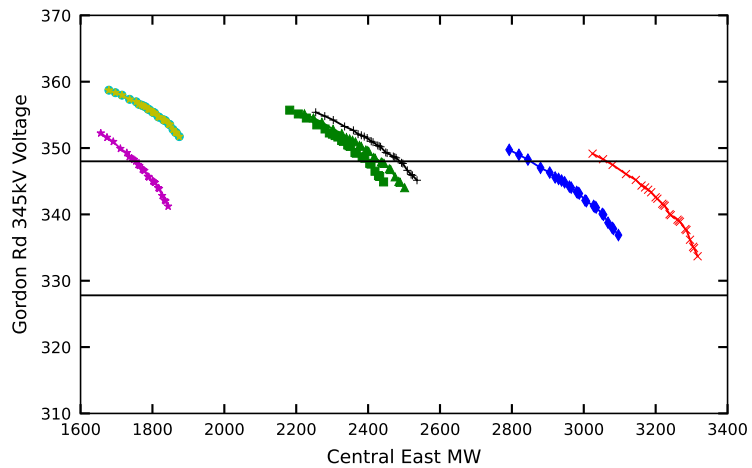
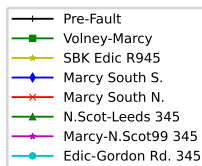
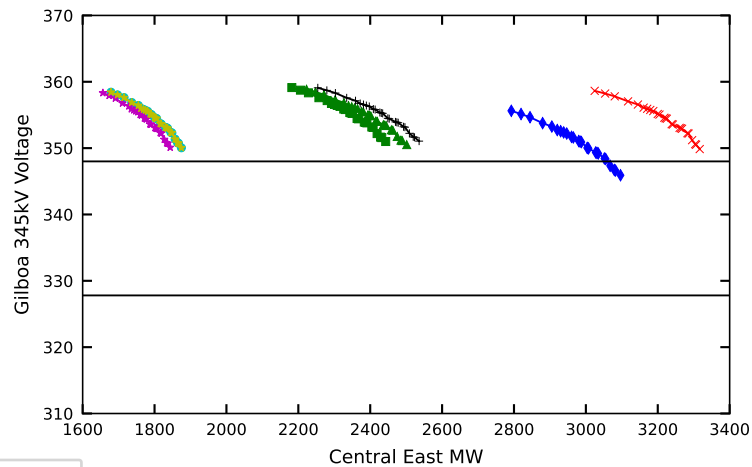
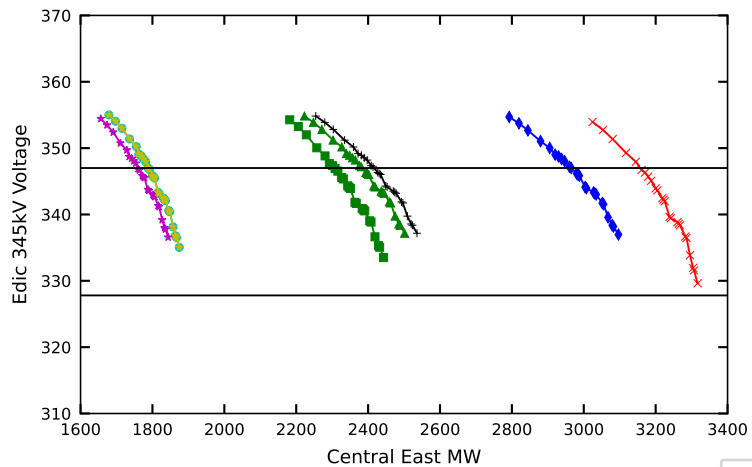
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
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>E						
99998	Somerset 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
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Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

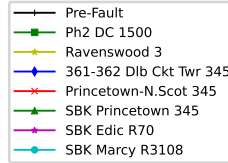
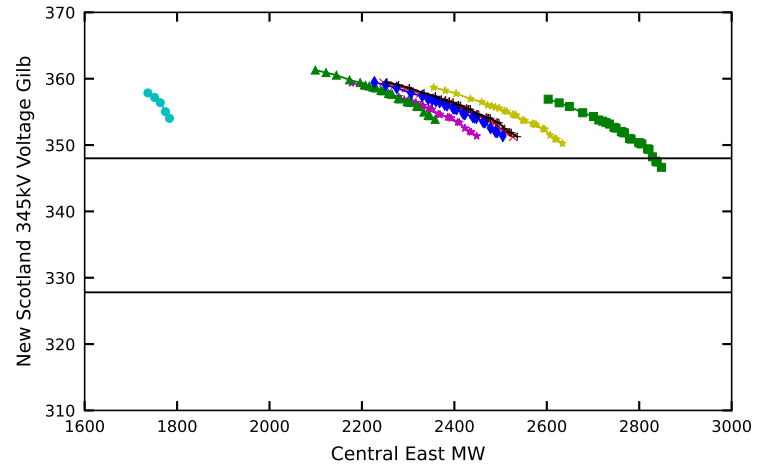
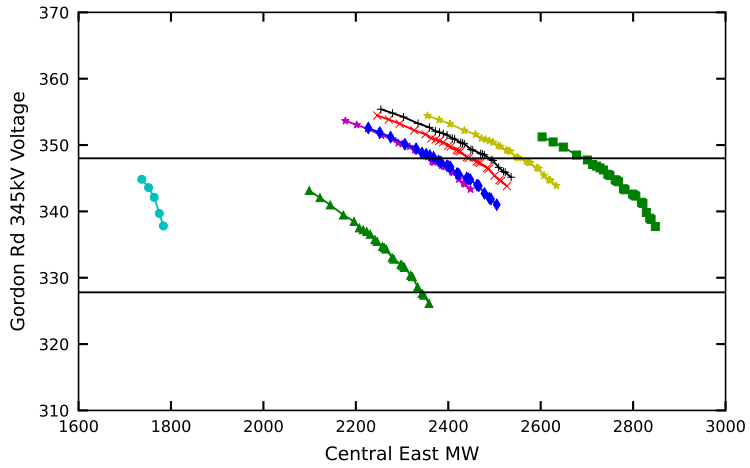
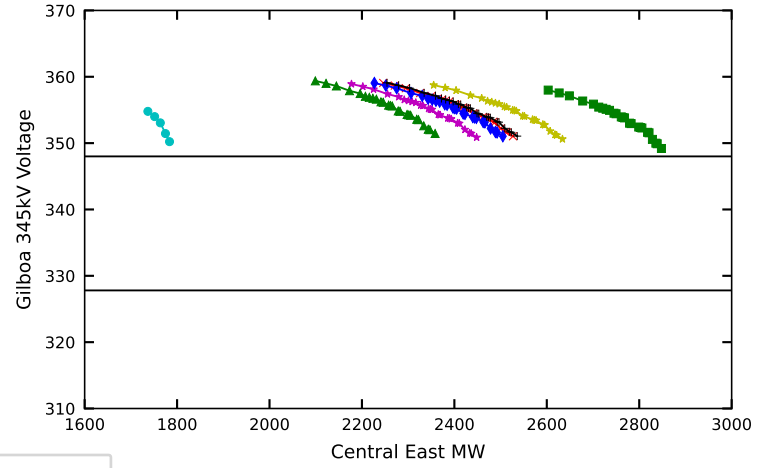
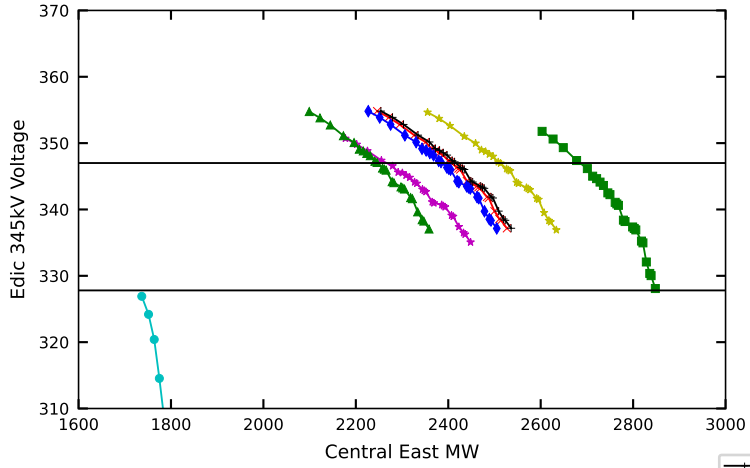
1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS Figure 2



1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS Figure 1



1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\MSU1_OS\Sum2023_CEVC_PH2_40_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS

Interface: Central East

Transfer	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
MW		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
2254	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2279	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2303	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2334	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2359	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2372	t6	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
2381	t7	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
2389	t8	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
2397	t9	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
2408	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	0															
2413	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	1															
2426	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	2															
2430	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	3															
2434	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	4															
2449	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	5															
2452	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	6															
2470	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	7															
2474	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	8															
2477	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	9															
2492	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	0															
2496	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	1															
2509	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	2															
2519	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	3															
2523	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	4															
2536	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-09-2023 16:36

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2250 MS710 DE2170 4O MSU1_OS

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\4O\MSU1_OS\Sum2023_CEVC_PH2_4O_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2250 MS710 DE2170 4O MSU1_OS

Interface: Central East

Dlb Ckt																									
Twr 345																									
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																									
wood 3																									
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph2 DC																									
1500																									

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1897 <E	Dunwoodie 345kV Voltage	Pre-Fault	367.6	NA	348	1897
1921 <E	Sprain Brook 345kV Voltage	Pre-Fault	364.3	NA	348	1921
2113 <E	Station 80 345kV Voltage	Pre-Fault	73.1	NA	346	2113
2241	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1694
2245 <E	Edic 345kV Voltage	SBK Marcy R3108	9.3	327.8	355.1	1731
2281	Pannell Road 345kV Voltage	Pre-Fault	13.6	NA	346	2281
2348	Clay 345kV Voltage	SBK Marcy R3108	5.6	327.8	352.6	1779
2367 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	9.3	327.8	342.9	1786
2374 >E	Station 80 345kV Voltage	SBK Marcy R3108	11.0	327.8	340.5	1788
2377 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.2	320	352.1	1790
2405	Marcy 345kV Voltage	Pre-Fault	13.5	NA	348	2405
2409	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1780
2409	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1751
2409	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2376
2409	limit with 5% margin	Marcy South N.	NA	NA	NA	3150
2409	limit with 5% margin	Marcy South S.	NA	NA	NA	2941
2409	limit with 5% margin	SBK Edic R945	NA	NA	NA	1780
2409	limit with 5% margin	Volney-Marcy	NA	NA	NA	2320
2409	limit with 5% margin	SBK Edic R70	NA	NA	NA	2325
2409	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2240
2409	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2400
2409	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2379
2409	limit with 5% margin	Ravenswood 3	NA	NA	NA	2502
2409	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2705
2416	Edic 345kV Voltage	Pre-Fault	15.6	NA	347	2416
2431 >E	Fraser 345kV Voltage	SBK Marcy R3108	7.6	327.8	354.0	1809
2435	Niagara 230kV East Voltage	Pre-Fault	6.4	NA	225	2435
2435	Niagara 230kV West Voltage	Pre-Fault	6.4	NA	225	2435
2450	Station 80 345kV Voltage	Ph2 DC 1500	21.6	327.8	335.0	2779
2488	Gordon Rd 345kV Voltage	Pre-Fault	20.1	NA	348	2488
2489 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	13.0	327.8	349.6	1830
2499	Millwood 345kV Voltage	Pre-Fault	13.2	NA	348	2499
2507	Pannell Road 345kV Voltage	Ph2 DC 1500	4.3	327.8	336.0	2827
2508	Clay 345kV Voltage	Pre-Fault	7.5	NA	345	2508
2509	Niagara 230kV East Voltage	Ph2 DC 1500	32.0	218.5	221.6	2828
2509	Niagara 230kV West Voltage	Ph2 DC 1500	32.0	218.5	221.6	2828
2517	Somerset 345kV Voltage	Pre-Fault	21.5	NA	338	2517
2517	Gordon Rd 345kV Voltage	SBK Princetown 345	10.8	327.8	346.1	2341
2529	Buchanan North 345kV Voltage	Pre-Fault	52.1	NA	346	2529
2537 >E	Edic 345kV Voltage	Ph2 DC 1500	6.5	327.8	337.0	2849

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2541 >E	Marcy 345kV Voltage	Ph2 DC 1500	6.5	327.8	336.9	2852
2543 >E	Oakdale 345kV Voltage	Marcy South N.	6.5	320	335.6	3322
2548 >E	Edic 345kV Voltage	Marcy South N.	6.6	327.8	336.0	3326
2548 >E	Oakdale 345kV Voltage	Pre-Fault	9.2	NA	335	2548
2550 >E	Marcy 345kV Voltage	Marcy South N.	6.5	327.8	336.1	3328
2566 >E	Somerset 345kV Voltage	Ph2 DC 1500	20.3	327.8	336.7	2870
2569 >E	Station 80 345kV Voltage	Marcy South N.	16.8	327.8	330.8	3343
2570 >E	Somerset 345kV Voltage	SBK Marcy R3108	18.5	327.8	344.3	1859
2573 >E	Rock Tavern 345kV Voltage	Pre-Fault	28.7	NA	348	2573
2577 >E	Station 80 345kV Voltage	Ravenswood 3	22.8	327.8	330.5	2674
2581 >E	Pannell Road 345kV Voltage	Marcy South N.	14.3	327.8	332.0	3352
2582 >E	Edic 345kV Voltage	Volney-Marcy	8.2	327.8	332.8	2483
2586 >E	Coopers Corners 345kV Voltage	Pre-Fault	13.8	NA	338	2586
2586 >E	Oakdale 345kV Voltage	Ph2 DC 1500	6.2	320	330.8	2884
2588 >E	Clay 345kV Voltage	Ph2 DC 1500	8.1	327.8	339.5	2885
2589 >E	Station 80 345kV Voltage	Volney-Marcy	19.1	327.8	330.0	2488
2589 >E	Marcy 345kV Voltage	Volney-Marcy	8.1	327.8	332.4	2489
2596 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	8.3	327.8	331.8	1912
2596 >E	Marcy 345kV Voltage	SBK Edic R945	8.4	327.8	331.8	1912
2597 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	8.5	327.8	331.4	1913
2597 >E	Edic 345kV Voltage	SBK Edic R945	8.5	327.8	331.4	1913
2597 >E	Gordon Rd 345kV Voltage	Marcy South N.	10.5	327.8	341.6	3365
2602 >E	Fraser 345kV Voltage	Pre-Fault	11.1	NA	338	2602
2603 >E	Gilboa 345kV Voltage	Pre-Fault	22.1	NA	348	2603
2605 >E	Pannell Road 345kV Voltage	Volney-Marcy	16.5	327.8	330.9	2503
2605 >E	Niagara 230kV East Voltage	SBK Marcy R3108	50.5	218.5	225.2	1871
2605 >E	Niagara 230kV West Voltage	SBK Marcy R3108	50.5	218.5	225.2	1871
2605 >E	New Scotland 345kV Voltage Alps	Pre-Fault	21.5	NA	348	2605
2605 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	21.5	NA	348	2605
2609 >E	Watercure 230kV Voltage	SBK Marcy R3108	18.2	207	233.1	1873
2611 >E	Clay 345kV Voltage	Marcy South N.	8.8	327.8	338.0	3375
2613 >E	Edic 345kV Voltage	SBK Edic R70	10.7	327.8	329.9	2519
2616 >E	Station 80 345kV Voltage	SBK Edic R70	24.1	327.8	328.9	2522
2617 >E	Pannell Road 345kV Voltage	Ravenswood 3	20.3	327.8	330.4	2713
2628 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	10.5	327.8	328.5	1897
2632 >E	Edic 345kV Voltage	Ravenswood 3	10.6	327.8	328.1	2729
2633 >E	Edic 345kV Voltage	Marcy South S.	10.6	327.8	328.0	3202
2634 >E	Edic 345kV Voltage	SBK Princetown 345	10.6	327.8	327.9	2445
2635 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	10.6	327.8	327.8	2602
2635 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	7.8	320	325.5	1937

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2635 >E	Edic 345kV Voltage	Princetown-N.Scot 345	10.7	327.8	327.8	2626
2635 >E	Edic 345kV Voltage	N.Scot-Leeds 345	10.6	327.8	327.8	2599
2635 >E	Oakdale 345kV Voltage	SBK Edic R945	7.8	320	325.4	1937
2636 >E	Oakdale 345kV Voltage	Volney-Marcy	8.0	320	325.4	2529
2638 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	10.6	327.8	327.8	1903
2638 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	10.6	327.8	327.8	2601
2638 >E	Marcy 345kV Voltage	Marcy South S.	10.6	327.8	327.8	3208
2638 >E	Marcy 345kV Voltage	SBK Edic R70	10.6	327.8	327.8	2542
2638 >E	Marcy 345kV Voltage	SBK Princetown 345	10.6	327.8	327.8	2448
2638 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	10.6	327.8	327.8	2628
2638 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	10.6	327.8	327.8	2605
2638 >E	Marcy 345kV Voltage	Ravenswood 3	10.6	327.8	327.8	2734
2638 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	11.2	327.8	334.2	1939
2638 >E	Coopers Corners 345kV Voltage	SBK Edic R945	11.2	327.8	334.2	1939
2644 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	25.1	327.8	327.8	2634
2645 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	25.2	327.8	327.7	2612
2646 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	25.3	327.8	327.7	2609
2647 >E	Pannell Road 345kV Voltage	SBK Edic R70	21.1	327.8	329.0	2550
2647 >E	Clay 345kV Voltage	Volney-Marcy	10.5	327.8	335.5	2539
2648 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	23.9	327.8	327.6	1945
2648 >E	Station 80 345kV Voltage	SBK Edic R945	24.0	327.8	327.6	1945
2648 >E	Pleasant Valley 345kV Voltage	Pre-Fault	44.4	NA	348	2648
2653 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	8.9	320	323.5	1912
2654 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	11.9	327.8	338.3	2933
2656 >E	Station 80 345kV Voltage	SBK Princetown 345	26.3	327.8	327.3	2464
2658 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	12.8	327.8	332.8	1914
2658 >E	Gordon Rd 345kV Voltage	Marcy South S.	13.5	327.8	338.0	3230
2659 >E	Buchanan South 345kV Voltage	Pre-Fault	51.9	NA	346	2659
2661 >E	Oakdale 345kV Voltage	Ravenswood 3	8.7	320	322.6	2758
2665 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	20.3	327.8	328.2	1956
2665 >E	Pannell Road 345kV Voltage	SBK Edic R945	20.4	327.8	328.2	1956
2668 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	27.4	327.8	326.8	1921
2671 >E	Oakdale 345kV Voltage	SBK Edic R70	9.0	320	321.6	2572
2674 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	22.0	327.8	327.8	2664
2675 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	22.1	327.8	327.7	2641
2676 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	8.8	327.8	331.4	1962
2676 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	22.1	327.8	327.7	2638
2676 >E	Fraser 345kV Voltage	SBK Edic R945	8.8	327.8	331.4	1962

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2676 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	11.5	327.8	331.4	2949
2678 >E	Oakdale 345kV Voltage	SBK Princetown 345	9.1	320	320.8	2484
2678 >E	Fraser 345kV Voltage	Ph2 DC 1500	9.0	327.8	331.2	2950
2684 >E	Pannell Road 345kV Voltage	SBK Princetown 345	22.8	327.8	327.3	2489
2684 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	9.2	320	320.1	2650
2684 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	9.2	320	320.1	2647
2685 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	9.2	320	320.0	2675
2691 >E	Coopers Corners 345kV Voltage	Ravenswood 3	13.7	327.8	330.3	2787
2692 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	23.6	327.8	326.9	1935
2709 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	13.5	327.8	329.0	2512
2711 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	12.6	327.8	331.3	1985
2711 >E	Clay 345kV Voltage	SBK Edic R945	12.6	327.8	331.3	1985
2716 >E	Fraser 345kV Voltage	Ravenswood 3	11.1	327.8	327.8	2811
2716 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	11.1	327.8	327.8	1948
2716 >E	Fraser 345kV Voltage	Marcy South N.	11.1	327.8	327.8	3457
2716 >E	Fraser 345kV Voltage	Volney-Marcy	11.1	327.8	327.8	2597
2716 >E	Fraser 345kV Voltage	SBK Edic R70	11.1	327.8	327.8	2614
2716 >E	Fraser 345kV Voltage	SBK Princetown 345	11.1	327.8	327.8	2517
2716 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	11.1	327.8	327.8	2681
2716 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	11.1	327.8	327.8	2677
2716 >E	Fraser 345kV Voltage	Marcy South S.	11.1	327.8	327.8	3293
2716 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	11.1	327.8	327.8	2706
2716 >E	Station 80 345kV Voltage	Marcy South S.	28.8	327.8	324.9	3294
2720 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	13.6	327.8	328.3	2681
2723 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	13.7	327.8	328.0	2688
2725 >E	Coopers Corners 345kV Voltage	Volney-Marcy	13.3	327.8	327.9	2605
2725 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	13.7	327.8	327.9	2715
2732 >E	Oakdale 345kV Voltage	Marcy South S.	10.4	320	314.8	3311
2733 >E	Clay 345kV Voltage	SBK Edic R70	14.3	327.8	329.8	2630
2735 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	15.1	327.8	333.6	2699
2736 >E	Pannell Road 345kV Voltage	Marcy South S.	24.7	327.8	324.9	3315
2738 >E	Clay 345kV Voltage	Ravenswood 3	14.4	327.8	329.5	2833
2739 >E	Ramapo 345kV Voltage	Pre-Fault	48.7	NA	346	2739
2749 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	15.9	327.8	332.8	1968
2759 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	15.2	327.8	328.1	1974
2764 >E	Clay 345kV Voltage	Princetown-N.Scot 345	15.0	327.8	327.8	2753
2764 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr	15.0	327.8	327.8	2728

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2764 >E	Clay 345kV Voltage	N.Scot-Leeds 345	15.0	327.8	327.8	2725
2765 >E	Clay 345kV Voltage	SBK Princetown 345	15.1	327.8	327.7	2561
2766 >E	Coopers Corners 345kV Voltage	SBK Edic R70	14.5	327.8	324.9	2660
2768 >E	New Scotland 345kV Voltage Alps	Marcy South N.	14.2	327.8	340.4	3498
2768 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	14.2	327.8	340.4	3498
2791 >E	Gordon Rd 345kV Voltage	SBK Edic R70	16.4	327.8	330.3	2683
2791 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	15.8	327.8	330.3	2751
2791 >E	Clay 345kV Voltage	Marcy South S.	15.8	327.8	325.9	3376
2796 >E	Somerset 345kV Voltage	Marcy South N.	30.8	327.8	331.5	3521
2800 >E	Gordon Rd 345kV Voltage	Volney-Marcy	15.5	327.8	329.8	2670
2801 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	16.6	327.8	329.7	2790
2803 >E	Gordon Rd 345kV Voltage	Ravenswood 3	16.7	327.8	329.6	2898
2809 >E	Gilboa 345kV Voltage	SBK Marcy R3108	20.1	327.8	349.2	1944
2811 >E	Ladentown 345kV Voltage	Pre-Fault	49.2	NA	346	2811
2814 >E	Somerset 345kV Voltage	Ravenswood 3	38.8	327.8	331.1	2909
2821 >E	New Scotland 345kV Voltage Alps	Marcy South S.	17.0	327.8	337.9	3409
2821 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	17.0	327.8	337.9	3409
2838 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	16.1	327.8	337.2	3065
2838 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	16.1	327.8	337.2	3065
2839 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	19.8	327.8	338.7	1955
2843 >E	Somerset 345kV Voltage	Volney-Marcy	34.3	327.8	330.4	2707
2860 >E	Gilboa 345kV Voltage	Marcy South S.	17.9	327.8	336.4	3450
2864 >E	Niagara 230kV East Voltage	Marcy South N.	142.1	218.5	220.0	3574
2864 >E	Niagara 230kV West Voltage	Marcy South N.	142.1	218.5	220.0	3574
2879 >E	Roseton 345kV Voltage	Pre-Fault	44.8	NA	345	2879
2882 >E	Niagara 230kV East Voltage	Ravenswood 3	194.8	218.5	220.0	2976
2882 >E	Niagara 230kV West Voltage	Ravenswood 3	194.8	218.5	220.0	2976
2910 >E	Somerset 345kV Voltage	SBK Edic R70	42.6	327.8	328.9	2793
2918 >E	Gilboa 345kV Voltage	Ph2 DC 1500	17.9	327.8	333.8	3123
2932 >E	Coopers Corners 345kV Voltage	Marcy South N.	18.5	327.8	312.9	3627
2933 >E	Leeds 345kV Voltage	Pre-Fault	38.0	NA	345	2933
2937 >E	Bowline 1 345kV Voltage	Pre-Fault	49.3	NA	345	2937
2949 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	18.8	327.8	332.0	2905
2949 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	18.8	327.8	332.0	2905
2950 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	18.6	327.8	332.3	2135
2950 >E	Gilboa 345kV Voltage	SBK Edic R945	18.6	327.8	332.3	2135
2959 >E	Bowline 2 345kV Voltage	Pre-Fault	48.5	NA	345	2959
2961 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	44.2	327.8	327.8	2949
2966 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	44.6	327.8	327.6	2926

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2966 >E	Gilboa 345kV Voltage	Marcy South N.	19.5	327.8	331.6	3654
2968 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	44.8	327.8	327.6	2924
2980 >E	Niagara 230kV East Voltage	Volney-Marcy	166.7	218.5	219.6	2825
2980 >E	Niagara 230kV West Voltage	Volney-Marcy	166.7	218.5	219.6	2825
2981 >E	Niagara 345kV Voltage	Ph2 DC 1500	35.7	327.8	341.5	3169
2982 >E	Gardenville 230kV Voltage	SBK Marcy R3108	35.0	207	227.1	2006
2990 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	44.9	327.8	327.1	2161
2991 >E	Somerset 345kV Voltage	SBK Edic R945	45.0	327.8	327.1	2161
3002 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	19.9	327.8	329.5	2844
3002 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	19.9	327.8	329.5	2844
3002 >E	Somerset 345kV Voltage	SBK Princetown 345	47.4	327.8	326.8	2771
3003 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	24.6	327.8	345.2	2013
3003 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	24.6	327.8	345.2	2013
3005 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	20.9	327.8	329.4	3097
3005 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	20.9	327.8	329.4	3097
3016 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	21.5	327.8	329.3	2123
3019 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	21.3	327.8	329.2	2974
3033 >E	Dunwoodie 345kV Voltage	Ravenswood 3	50.0	327.8	335.7	3125
3034 >E	Gilboa 345kV Voltage	Ravenswood 3	21.9	327.8	328.5	3126
3037 >E	Niagara 345kV Voltage	SBK Marcy R3108	30.8	327.8	351.5	2025
3037 >E	Sprain Brook 345kV Voltage	Ravenswood 3	50.1	327.8	335.7	3129
3038 >E	Gilboa 345kV Voltage	Volney-Marcy	21.6	327.8	328.4	2874
3041 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	21.6	327.8	327.7	3029
3041 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	21.6	327.8	327.7	3029
3042 >E	Gilboa 345kV Voltage	SBK Edic R70	21.9	327.8	328.2	2915
3046 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	21.6	327.8	327.5	2918
3046 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	21.6	327.8	327.5	2918
3047 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	21.7	327.8	327.4	3006
3047 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	21.7	327.8	327.4	3006
3048 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	21.3	327.8	327.4	2197
3048 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	21.3	327.8	327.4	2197
3048 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	21.3	327.8	327.4	2197
3048 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	21.3	327.8	327.4	2197
3050 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	22.1	327.8	327.8	3009
3050 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	22.1	327.8	327.8	3038
3052 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	51.0	327.8	325.7	2144
3055 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	26.0	327.8	331.2	2201
3055 >E	Rock Tavern 345kV Voltage	SBK Edic R945	26.0	327.8	331.2	2201

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3062 >E	Rock Tavern 345kV Voltage	Ravenswood 3	28.7	327.8	331.0	3153
3065 >E	Gilboa 345kV Voltage	SBK Princetown 345	22.4	327.8	327.1	2827
3076 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	22.6	327.8	313.8	2215
3076 >E	Gordon Rd 345kV Voltage	SBK Edic R945	22.6	327.8	313.8	2214
3088 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	26.2	327.8	330.0	3246
3097 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	23.4	327.8	325.1	2171
3097 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	23.4	327.8	325.1	2171
3110 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	28.5	327.8	329.3	2178
3118 >E	Niagara 230kV East Voltage	SBK Edic R70	237.6	218.5	219.0	2985
3118 >E	Niagara 230kV West Voltage	SBK Edic R70	237.6	218.5	219.0	2985
3127 >E	Watercure 230kV Voltage	Ph2 DC 1500	30.6	207	229.6	3274
3133 >E	Buchanan North 345kV Voltage	Ravenswood 3	47.2	327.8	334.4	3224
3137 >E	Ramapo 500kV Voltage	SBK Marcy R3108	72.5	500	508.3	2061
3140 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	28.4	327.8	328.2	2894
3141 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	28.4	327.8	328.2	3093
3150 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	28.6	327.8	327.9	3106
3152 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	28.7	327.8	327.8	3139
3153 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	23.7	327.8	322.5	2905
3153 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	23.7	327.8	322.5	2905
3155 >E	Millwood 345kV Voltage	Ravenswood 3	47.2	327.8	335.2	3245
3157 >E	Rock Tavern 345kV Voltage	Volney-Marcy	28.5	327.8	327.6	2977
3159 >E	Somerset 345kV Voltage	Marcy South S.	55.7	327.8	323.3	3778
3188 >E	Ramapo 500kV Voltage	Ph2 DC 1500	101.7	500	509.5	3317
3213 >E	Rock Tavern 345kV Voltage	SBK Edic R70	30.3	327.8	325.7	3073
3236 >E	Buchanan South 345kV Voltage	Ravenswood 3	46.7	327.8	334.9	3325
3261 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	255.4	218.5	218.5	3248
3261 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	255.4	218.5	218.5	3248
3280 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	261.2	218.5	218.4	3234
3280 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	261.2	218.5	218.4	3234
3280 >E	Watercure 230kV Voltage	Marcy South N.	41.3	207	229.1	3900
3287 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	263.5	218.5	218.4	3236
3287 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	263.5	218.5	218.4	3236
3303 >E	Leeds 345kV Voltage	Marcy South S.	30.7	327.8	335.3	3935
3316 >E	Niagara 345kV Voltage	Pre-Fault	95.9	NA	338	3316
3321 >E	Leeds 345kV Voltage	Marcy South N.	29.3	327.8	334.8	3932
3345 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	47.3	327.8	330.3	3431
3369 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	42.2	327.8	331.8	3457
3370 >E	Ramapo 345kV Voltage	Ravenswood 3	46.1	327.8	333.1	3457

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3396 >E	Pleasant Valley 345kV Voltage	Marcy South S.	43.2	327.8	331.2	4037
3404 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	289.9	218.5	217.9	2421
3404 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	289.9	218.5	217.9	2421
3405 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	49.6	327.8	329.2	2422
3405 >E	Buchanan North 345kV Voltage	SBK Edic R945	49.6	327.8	329.2	2421
3408 >E	Niagara 230kV East Voltage	SBK Edic R945	291.3	218.5	217.9	2423
3408 >E	Niagara 230kV West Voltage	SBK Edic R945	291.3	218.5	217.9	2423
3409 >E	Ladentown 345kV Voltage	Ravenswood 3	45.9	327.8	333.9	3496
3430 >E	Niagara 230kV East Voltage	SBK Princetown 345	307.1	218.5	217.8	3150
3430 >E	Niagara 230kV West Voltage	SBK Princetown 345	307.1	218.5	217.8	3150
3441 >E	Pleasant Valley 345kV Voltage	Marcy South N.	41.6	327.8	330.1	4026
3453 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	55.0	327.8	328.6	3509
3454 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	55.1	327.8	328.6	3509
3454 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	51.1	327.8	328.2	3400
3458 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	40.4	327.8	329.8	3512
3466 >E	Marcy 345kV Voltage	SBK Marcy R3108	19.8	327.8	303.6	2179
3474 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	57.5	327.8	328.2	3419
3477 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	52.1	327.8	327.8	3427
3477 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	52.1	327.8	327.8	3463
3479 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	57.7	327.8	328.2	3423
3479 >E	Millwood 345kV Voltage	Ph2 DC 1500	49.5	327.8	329.1	3528
3482 >E	Bowline 1 345kV Voltage	Ravenswood 3	46.0	327.8	333.9	3568
3483 >E	Buchanan North 345kV Voltage	SBK Princetown 345	52.2	327.8	327.7	3197
3483 >E	Ramapo 345kV Voltage	Ph2 DC 1500	44.4	327.8	330.7	3530
3485 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	53.8	327.8	327.7	2397
3491 >E	Buchanan North 345kV Voltage	Volney-Marcy	52.2	327.8	327.5	3264
3495 >E	Bowline 2 345kV Voltage	Ravenswood 3	45.3	327.8	334.0	3580
3497 >E	Rock Tavern 345kV Voltage	Marcy South N.	38.8	327.8	315.8	4071
3498 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	58.8	327.8	327.8	3484
3500 >E	Roseton 345kV Voltage	Ravenswood 3	43.4	327.8	331.1	3586
3500 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	47.7	327.8	329.8	3542
3501 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	58.8	327.8	327.7	3450
3503 >E	Dunwoodie 345kV Voltage	SBK Edic R945	58.5	327.8	327.7	2483
3503 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	58.5	327.8	327.7	2484
3504 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	42.9	327.8	328.7	3448
3504 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	58.9	327.8	327.8	3490
3506 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	58.6	327.8	327.8	2486
3506 >E	Sprain Brook 345kV Voltage	SBK Edic R945	58.6	327.8	327.8	2485
3506 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr	59.0	327.8	327.7	3455

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3522 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	52.2	327.8	328.3	3465
3522 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	45.8	327.8	329.9	2496
3523 >E	Ramapo 345kV Voltage	SBK Edic R945	45.8	327.8	329.9	2495
3527 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	59.7	327.8	327.3	3237
3529 >E	Dunwoodie 345kV Voltage	Volney-Marcy	59.6	327.8	327.3	3297
3533 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	59.8	327.8	327.3	3241
3534 >E	Sprain Brook 345kV Voltage	Volney-Marcy	59.8	327.8	327.3	3301
3546 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	52.9	327.8	327.9	2511
3546 >E	Millwood 345kV Voltage	SBK Edic R945	52.9	327.8	327.9	2510
3546 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	44.4	327.8	327.8	3532
3551 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	44.5	327.8	327.7	3499
3551 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	53.5	327.8	327.8	3536
3553 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	53.5	327.8	327.7	3501
3560 >E	Buchanan North 345kV Voltage	SBK Edic R70	55.3	327.8	326.2	3392
3561 >E	Ladentown 345kV Voltage	Ph2 DC 1500	44.9	327.8	330.8	3586
3562 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	44.6	327.8	327.4	3325
3567 >E	Roseton 345kV Voltage	Ph2 DC 1500	41.5	327.8	329.6	3591
3568 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	50.6	327.8	328.5	2525
3569 >E	Buchanan South 345kV Voltage	SBK Edic R945	50.6	327.8	328.5	2524
3569 >E	Dunwoodie 345kV Voltage	SBK Edic R70	61.6	327.8	326.6	3401
3575 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	62.3	327.8	326.5	2450
3576 >E	Sprain Brook 345kV Voltage	SBK Edic R70	61.9	327.8	326.6	3407
3576 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	50.8	327.8	328.3	3518
3578 >E	Millwood 345kV Voltage	Volney-Marcy	54.1	327.8	327.3	3339
3579 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	62.5	327.8	326.5	2452
3581 >E	Millwood 345kV Voltage	SBK Princetown 345	54.3	327.8	327.2	3284
3586 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	38.0	327.8	327.8	2536
3586 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	38.0	327.8	327.8	2456
3586 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	38.0	327.8	327.8	3529
3586 >E	Leeds 345kV Voltage	SBK Edic R945	38.0	327.8	327.8	2535
3586 >E	Leeds 345kV Voltage	Volney-Marcy	38.0	327.8	327.8	3346
3586 >E	Leeds 345kV Voltage	SBK Edic R70	38.0	327.8	327.8	3417
3586 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	38.0	327.8	327.8	3572
3586 >E	Leeds 345kV Voltage	Ravenswood 3	38.0	327.8	327.8	3671
3587 >E	Leeds 345kV Voltage	Ph2 DC 1500	38.0	327.8	327.8	3605
3587 >E	Leeds 345kV Voltage	SBK Princetown 345	38.0	327.8	327.8	3289
3587 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	38.0	327.8	327.8	3534

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3589 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	45.7	327.8	326.8	3420
3594 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	45.2	327.8	326.7	2541
3595 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	45.2	327.8	326.7	2541
3599 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	45.7	327.8	326.6	3300
3599 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	84.2	218.5	229.7	2226
3602 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	47.9	327.8	328.3	3544
3603 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	43.2	327.8	328.8	2547
3604 >E	Roseton 345kV Voltage	SBK Edic R945	43.2	327.8	328.8	2546
3604 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	52.0	327.8	327.8	3590
3605 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	52.0	327.8	327.8	3553
3617 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	46.7	327.8	329.6	2556
3617 >E	Ladentown 345kV Voltage	SBK Edic R945	46.7	327.8	329.6	2555
3621 >E	Ramapo 345kV Voltage	SBK Princetown 345	48.6	327.8	327.9	3320
3622 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	50.1	327.8	327.9	2477
3624 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	48.7	327.8	327.8	3571
3625 >E	Buchanan South 345kV Voltage	SBK Princetown 345	52.5	327.8	327.4	3323
3625 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	48.7	327.8	327.8	3610
3626 >E	Buchanan South 345kV Voltage	Volney-Marcy	52.3	327.8	327.4	3380
3627 >E	Millwood 345kV Voltage	SBK Edic R70	56.3	327.8	326.4	3454
3628 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	56.8	327.8	326.4	2480
3628 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	44.0	327.8	328.3	3570
3632 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	44.9	327.8	330.9	3638
3636 >E	Ramapo 345kV Voltage	Volney-Marcy	48.7	327.8	327.6	3389
3643 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	44.3	327.8	330.9	3645
3650 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	44.8	327.8	327.8	3635
3650 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	44.8	327.8	327.8	3597
3651 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	374.7	218.5	216.9	2494
3651 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	374.7	218.5	216.9	2494
3657 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	54.6	327.8	326.8	2497
3657 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	47.6	327.8	325.3	2498
3660 >E	Niagara 345kV Voltage	Marcy South N.	63.5	327.8	334.4	4198
3662 >E	Roseton 345kV Voltage	Volney-Marcy	44.9	327.8	327.5	3411
3665 >E	Roseton 345kV Voltage	SBK Princetown 345	45.1	327.8	327.5	3358
3680 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	48.3	327.8	328.3	3620
3681 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	46.1	327.8	327.1	2511
3688 >E	Buchanan South 345kV Voltage	SBK Edic R70	54.9	327.8	326.2	3511
3691 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	46.8	327.8	329.7	2602
3691 >E	Bowline 1 345kV Voltage	SBK Edic R945	46.8	327.8	329.7	2601

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3701 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	46.1	327.8	329.7	2608
3701 >E	Bowline 2 345kV Voltage	SBK Edic R945	46.1	327.8	329.7	2608
3705 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	49.2	327.8	327.8	3650
3706 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	49.2	327.8	327.8	3691
3709 >E	Ladentown 345kV Voltage	SBK Princetown 345	49.3	327.8	327.7	3398
3713 >E	Roseton 345kV Voltage	SBK Edic R70	46.6	327.8	326.4	3534
3719 >E	Ladentown 345kV Voltage	Volney-Marcy	49.3	327.8	327.5	3460
3721 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	50.9	327.8	327.5	2535
3724 >E	Dunwoodie 345kV Voltage	Marcy South N.	70.3	327.8	324.0	4248
3726 >E	Ramapo 345kV Voltage	SBK Edic R70	52.0	327.8	325.7	3546
3738 >E	Sprain Brook 345kV Voltage	Marcy South N.	70.9	327.8	323.8	4260
3755 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	48.3	327.8	328.4	3694
3765 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	47.6	327.8	328.4	3704
3782 >E	Roseton 345kV Voltage	Marcy South N.	49.0	327.8	324.8	4294
3782 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	49.2	327.8	327.8	3726
3783 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	49.2	327.8	327.8	3768
3786 >E	Bowline 1 345kV Voltage	SBK Princetown 345	49.3	327.8	327.8	3466
3792 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	48.5	327.8	327.8	3736
3793 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	48.5	327.8	327.8	3777
3796 >E	Bowline 2 345kV Voltage	SBK Princetown 345	48.5	327.8	327.8	3474
3797 >E	Bowline 1 345kV Voltage	Volney-Marcy	49.3	327.8	327.5	3527
3800 >E	Millwood 345kV Voltage	Marcy South N.	64.9	327.8	323.1	4308
3802 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	51.1	327.8	327.4	2582
3806 >E	Bowline 2 345kV Voltage	Volney-Marcy	48.6	327.8	327.5	3535
3807 >E	Ladentown 345kV Voltage	SBK Edic R70	52.4	327.8	325.8	3621
3812 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	50.2	327.8	327.4	2588
3825 >E	Niagara 345kV Voltage	Volney-Marcy	71.3	327.8	332.7	3551
3843 >E	Gardenville 230kV Voltage	Ph2 DC 1500	78.6	207	230.6	3789
3863 >E	Niagara 345kV Voltage	Ravenswood 3	80.4	327.8	332.3	3945
3876 >E	Coopers Corners 345kV Voltage	Marcy South S.	43.8	327.8	244.2	4562
3889 >E	Dunwoodie 345kV Voltage	Marcy South S.	82.0	327.8	321.1	4575
3891 >E	Bowline 1 345kV Voltage	SBK Edic R70	52.5	327.8	325.6	3698
3899 >E	Bowline 2 345kV Voltage	SBK Edic R70	51.6	327.8	325.6	3705
3918 >E	Sprain Brook 345kV Voltage	Marcy South S.	83.3	327.8	320.8	4608
3929 >E	Buchanan North 345kV Voltage	Marcy South N.	71.8	327.8	319.1	4410
3964 >E	Roseton 345kV Voltage	Marcy South S.	57.2	327.8	320.8	4657
3985 >E	Buchanan South 345kV Voltage	Marcy South N.	67.7	327.8	320.5	4453
4010 >E	Millwood 345kV Voltage	Marcy South S.	77.6	327.8	319.2	4709

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4166 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	66.8	327.8	337.0	2429
4167 >E	Niagara 345kV Voltage	SBK Edic R70	92.1	327.8	329.1	3953
4228 >E	Rock Tavern 345kV Voltage	Marcy South S.	62.4	327.8	290.3	4947
4267 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	124.0	218.5	225.3	4095
4271 >E	Niagara 230kV East Voltage	Marcy South S.	509.2	218.5	214.5	4993
4271 >E	Niagara 230kV West Voltage	Marcy South S.	509.2	218.5	214.5	4993
4304 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	96.4	327.8	327.7	4285
4310 >E	Ramapo 345kV Voltage	Marcy South N.	73.7	327.8	313.7	4708
4330 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	97.7	327.8	327.4	4263
4333 >E	St.Lawrence 230kV Voltage	Pre-Fault	213.3	NA	225	4333
4340 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	98.2	327.8	327.3	4266
4416 >E	Buchanan South 345kV Voltage	Marcy South S.	88.2	327.8	312.2	5152
4433 >E	Ladentown 345kV Voltage	Marcy South N.	75.1	327.8	313.0	4804
4453 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	189.8	500	505.6	3082
4457 >E	Ramapo 500kV Voltage	SBK Edic R945	190.1	500	505.6	3083
4472 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	103.3	327.8	325.9	3094
4478 >E	Niagara 345kV Voltage	SBK Edic R945	103.6	327.8	325.9	3096
4522 >E	Niagara 345kV Voltage	SBK Princetown 345	107.3	327.8	325.4	4118
4549 >E	Rainey 345kV Voltage	Ravenswood 3	99.5	327.8	340.9	4621
4570 >E	Bowline 1 345kV Voltage	Marcy South N.	75.9	327.8	311.8	4912
4629 >E	Farragut 345kV Voltage	Ravenswood 3	103.0	327.8	340.1	4701
4655 >E	Buchanan North 345kV Voltage	Marcy South S.	105.7	327.8	305.2	5413
4756 >E	St.Lawrence 230kV Voltage	Marcy South N.	147.6	218.5	223.0	5058
4761 >E	Bowline 2 345kV Voltage	Marcy South N.	81.2	327.8	307.8	5062
4785 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	120.3	327.8	322.7	3156
4837 >E	Watercure 230kV Voltage	Volney-Marcy	99.6	207	223.6	4422
4877 >E	St.Lawrence 230kV Voltage	Volney-Marcy	161.1	218.5	222.4	4456
4943 >E	Farragut 345kV Voltage	Pre-Fault	153.1	NA	338	4943
4994 >E	Rainey 345kV Voltage	Pre-Fault	151.2	NA	338	4994
5047 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	107.0	207	222.9	3457
5062 >E	Watercure 230kV Voltage	SBK Edic R945	107.6	207	222.8	3464
5149 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	259.0	500	503.5	3368
5190 >E	Ramapo 500kV Voltage	Volney-Marcy	237.0	500	503.4	4725
5220 >E	Ramapo 500kV Voltage	Ravenswood 3	392.8	500	503.3	5285
5248 >E	Niagara 345kV Voltage	Marcy South S.	139.4	327.8	317.8	6062
5330 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	184.6	218.5	220.3	3635
5334 >E	St.Lawrence 230kV Voltage	SBK Edic R945	184.8	218.5	220.3	3635
5344 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	137.9	327.8	333.8	2850
5515 >E	Goethals 345kV Voltage	Ravenswood 3	138.2	327.8	339.1	5576
5536 >E	Ramapo 345kV Voltage	SBK Marcy R3108	122.7	327.8	336.8	2919

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5555 >E	Watercure 230kV Voltage	Ravenswood 3	129.5	207	221.1	5615
5563 >E	St.Lawrence 230kV Voltage	Ravenswood 3	206.2	218.5	219.2	5623
5571 >E	Leeds 345kV Voltage	SBK Marcy R3108	103.2	327.8	327.8	2931
5680 >E	Ramapo 345kV Voltage	Marcy South S.	125.4	327.8	285.6	6534
5710 >E	Ladentown 345kV Voltage	Marcy South S.	122.5	327.8	287.1	6567
5726 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	213.7	218.5	218.5	5700
5738 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	214.4	218.5	218.4	5643
5740 >E	Goethals 345kV Voltage	Pre-Fault	207.5	NA	338	5740
5741 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	214.6	218.5	218.4	5636
5767 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	215.5	218.5	218.3	5221
5868 >E	Ramapo 500kV Voltage	SBK Princetown 345	295.3	500	501.3	5310
5897 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	133.5	327.8	330.4	3048
5921 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	223.2	218.5	217.6	3819
5952 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	301.0	500	501.1	5842
6023 >E	Roseton 345kV Voltage	SBK Marcy R3108	128.1	327.8	333.4	3093
6132 >E	St.Lawrence 230kV Voltage	Marcy South S.	236.0	218.5	216.6	7028
6207 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	320.9	500	500.3	6102
6220 >E	Farragut 345kV Voltage	Ph2 DC 1500	142.1	327.8	329.7	5502
6221 >E	Bowline 2 345kV Voltage	Marcy South S.	131.6	327.8	277.7	7126
6255 >E	Rainey 345kV Voltage	Ph2 DC 1500	140.5	327.8	329.7	5528
6280 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	326.5	500	500.1	6251
6300 >E	Ramapo 500kV Voltage	Pre-Fault	327.7	NA	500	6300
6311 >E	Bowline 1 345kV Voltage	Marcy South S.	137.4	327.8	276.5	7225
6316 >E	Ladentown 345kV Voltage	SBK Marcy R3108	145.8	327.8	336.3	3197
6350 >E	Ramapo 500kV Voltage	SBK Edic R70	332.7	500	499.8	5966
6407 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	167.7	327.8	332.3	3230
6435 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	150.5	327.8	328.3	6314
6464 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	148.6	327.8	328.3	6342
6490 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	152.3	327.8	327.9	4366
6490 >E	Farragut 345kV Voltage	SBK Edic R945	152.3	327.8	327.9	4363
6506 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	153.2	327.8	327.8	6476
6512 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	153.3	327.8	327.8	6400
6524 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	150.5	327.8	327.9	4387
6524 >E	Rainey 345kV Voltage	SBK Edic R945	150.5	327.8	327.9	4384
6538 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	151.3	327.8	327.8	6508
6544 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	151.5	327.8	327.8	6432
6567 >E	Ramapo 500kV Voltage	Marcy South N.	357.2	500	499.2	6479

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6569 >E	Farragut 345kV Voltage	Volney-Marcy	155.0	327.8	327.4	5911
6570 >E	Farragut 345kV Voltage	SBK Princetown 345	155.2	327.8	327.4	5932
6605 >E	Rainey 345kV Voltage	SBK Princetown 345	153.3	327.8	327.3	5963
6605 >E	Rainey 345kV Voltage	Volney-Marcy	153.3	327.8	327.3	5942
6608 >E	Millwood 345kV Voltage	SBK Marcy R3108	187.3	327.8	329.9	3301
6686 >E	Farragut 345kV Voltage	SBK Edic R70	159.4	327.8	326.6	6277
6708 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	160.4	327.8	326.5	4278
6724 >E	Rainey 345kV Voltage	SBK Edic R70	157.6	327.8	326.6	6312
6747 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	158.6	327.8	326.4	4301
6961 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	161.2	327.8	336.8	3428
7003 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	232.1	327.8	328.2	3443
7024 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	160.3	327.8	337.0	3450
7097 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	237.2	327.8	328.0	3476
7157 >E	Farragut 345kV Voltage	Marcy South N.	177.1	327.8	323.5	6941
7215 >E	Rainey 345kV Voltage	Marcy South N.	175.7	327.8	323.3	6986
7298 >E	Watercure 230kV Voltage	Pre-Fault	285.5	NA	215	7298
7339 >E	Goethals 345kV Voltage	Ph2 DC 1500	187.5	327.8	330.3	6308
7616 >E	St.Lawrence 230kV Voltage	SBK Edic R70	346.1	218.5	209.6	7134
7731 >E	Farragut 345kV Voltage	Marcy South S.	200.0	327.8	319.8	8778
7763 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	204.0	327.8	328.3	7613
7808 >E	Rainey 345kV Voltage	Marcy South S.	198.8	327.8	319.4	8861
7823 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	205.9	327.8	328.0	5206
7823 >E	Goethals 345kV Voltage	SBK Edic R945	205.9	327.8	328.0	5201
7862 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	207.7	327.8	327.8	7825
7869 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	207.9	327.8	327.7	7730
7941 >E	Goethals 345kV Voltage	Volney-Marcy	210.2	327.8	327.4	7091
7942 >E	Goethals 345kV Voltage	SBK Princetown 345	210.4	327.8	327.4	7148
8100 >E	Goethals 345kV Voltage	SBK Edic R70	216.2	327.8	326.6	7581
8116 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	217.0	327.8	326.6	5099
8190 >E	Watercure 230kV Voltage	SBK Edic R70	234.4	207	211.9	7664
8616 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	257.8	207	210.4	5391
8742 >E	Goethals 345kV Voltage	Marcy South N.	240.8	327.8	323.5	8185
9523 >E	Goethals 345kV Voltage	Marcy South S.	272.0	327.8	319.8	10737
9613 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	286.9	207	206.9	9566
9666 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	289.4	207	206.7	9491
9943 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	300.3	207	205.7	9745
10074 >E	Watercure 230kV Voltage	SBK Princetown 345	308.2	207	205.3	9037
14856 >E	Gardenville 230kV Voltage	Marcy South N.	674.0	207	260.9	12981

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\MSU1_OS\Sum2023_CEVC_PH2_40_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
15032	Northport 138kV Voltage	Pre-Fault	1420.2	NA	135	15032
>E						
16973	Northport 138kV Voltage	Ravenswood 3	1163.1	131.1	133.6	16891
>E						
20236	Northport 138kV Voltage	N.Scot-Leeds 345	1394.2	131.1	131.3	19810
>E						
20602	Northport 138kV Voltage	Princetown-N.Scot 345	1422.7	131.1	131.1	20496
>E						
20634	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	1425.1	131.1	131.1	20238
>E						
20897	Northport 138kV Voltage	SBK Princetown 345	1444.8	131.1	130.9	18626
>E						
20996	Northport 138kV Voltage	Edic-Gordon Rd. 345	1452.3	131.1	130.8	13507
>E						
20996	Northport 138kV Voltage	SBK Edic R945	1452.3	131.1	130.8	13491
>E						
21029	Northport 138kV Voltage	Volney-Marcy	1454.9	131.1	130.8	18344
>E						
21136	Rainey 345kV Voltage	SBK Marcy R3108	681.7	327.8	331.0	8493
>E						
21175	Farragut 345kV Voltage	SBK Marcy R3108	697.7	327.8	331.2	8507
>E						
21461	Northport 138kV Voltage	SBK Edic R70	1488.6	131.1	130.5	19906
>E						
21744	Northport 138kV Voltage	Ph2 DC 1500	1512.9	131.1	130.3	16687
>E						
22056	Northport 138kV Voltage	Marcy-N.Scot99 345	1535.1	131.1	130.1	13235
>E						
23773	Northport 138kV Voltage	Marcy South N.	1670.2	131.1	128.8	19975
>E						
25526	Northport 138kV Voltage	Marcy South S.	1811.5	131.1	127.6	28236
>E						
26683	Goethals 345kV Voltage	SBK Marcy R3108	920.7	327.8	332.2	10475
>E						
99998	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
>E						
99998	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

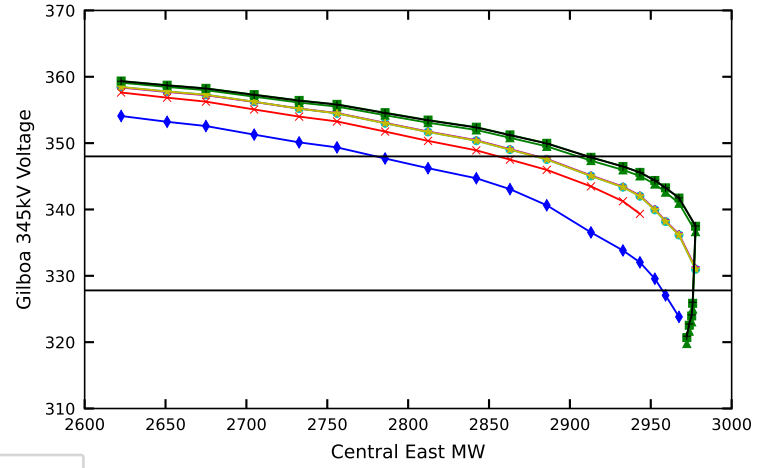
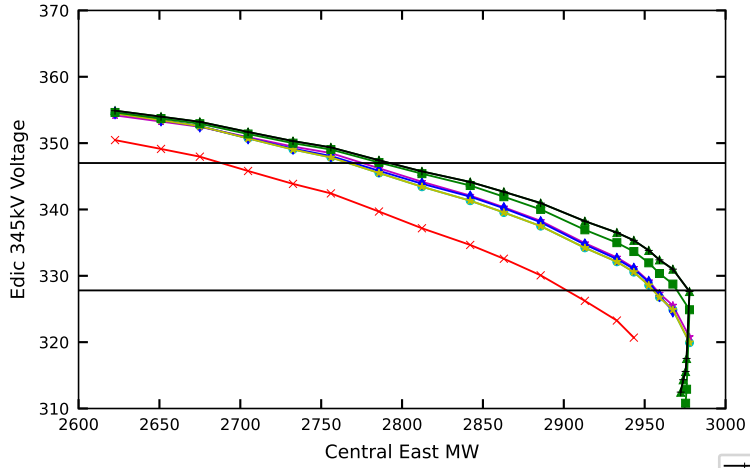
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\40\MSU1_OS\Sum2023_CEVC_PH2_40_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2250 MS710 DE2170 40 MSU1_OS

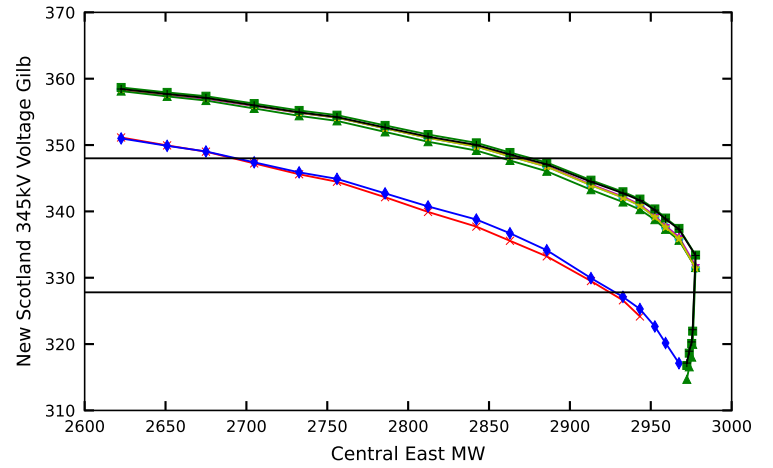
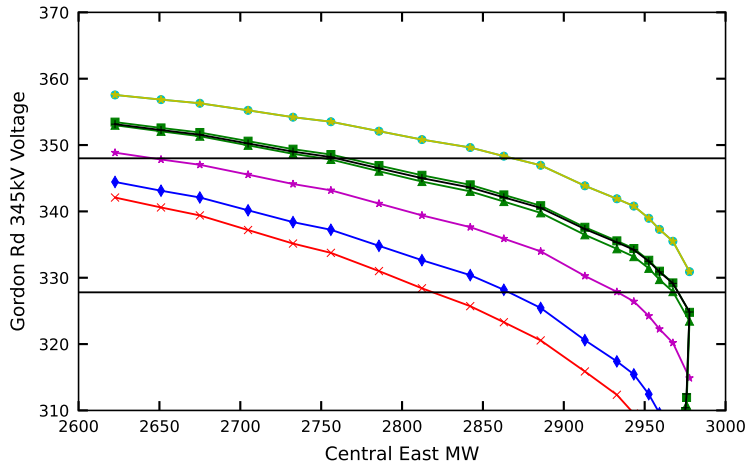
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Edic R945	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
99998 >E	Ramapo 500kV Voltage	Marcy South S.	NA	500	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
99999 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

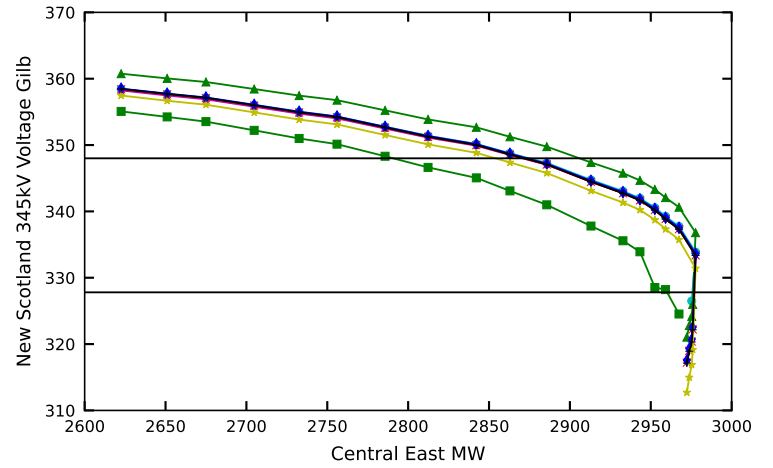
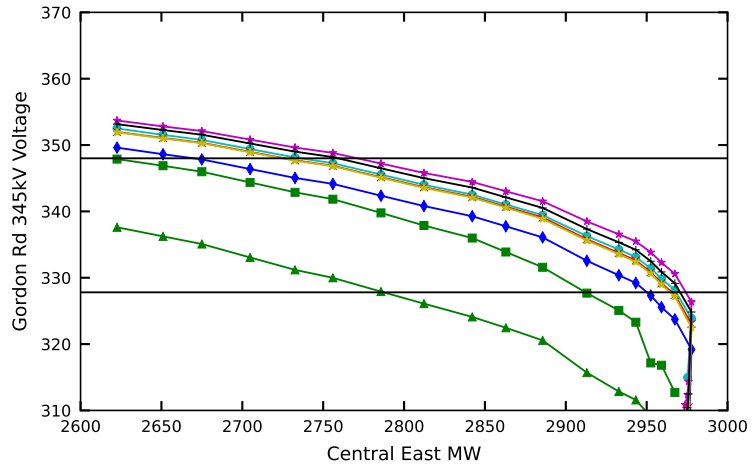
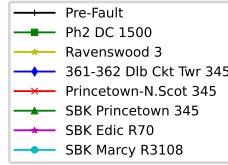
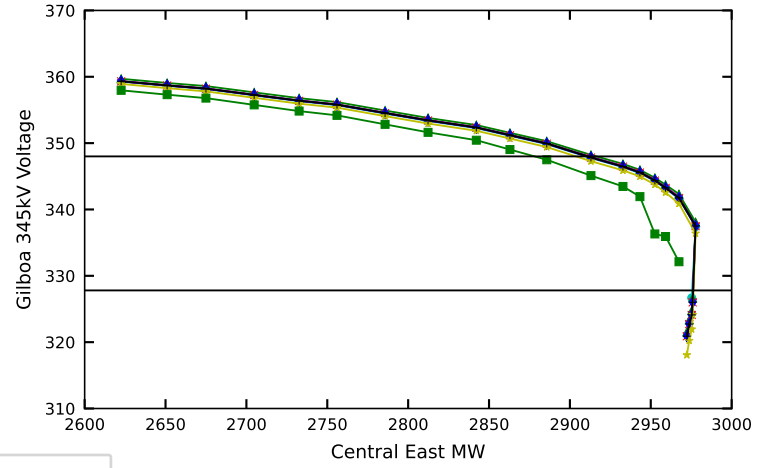
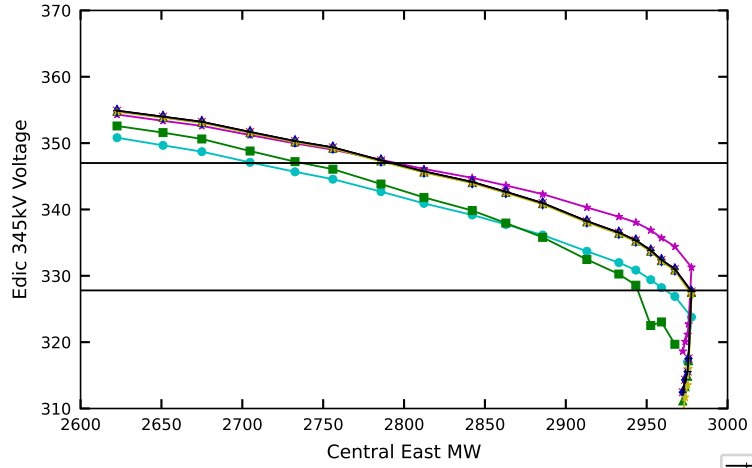
1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A Figure 1



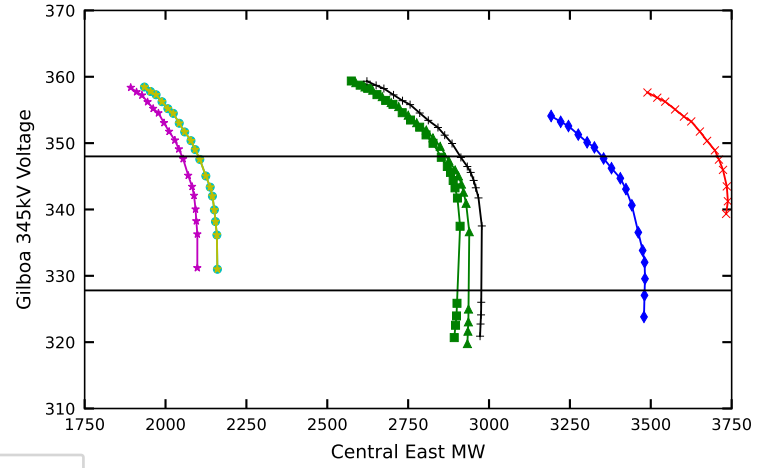
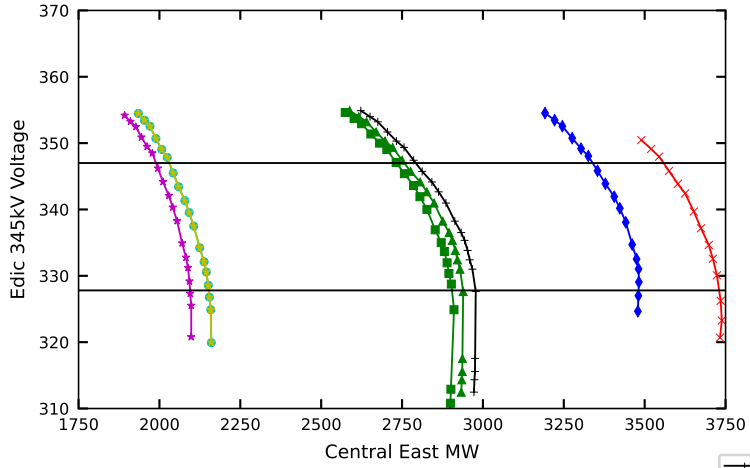
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



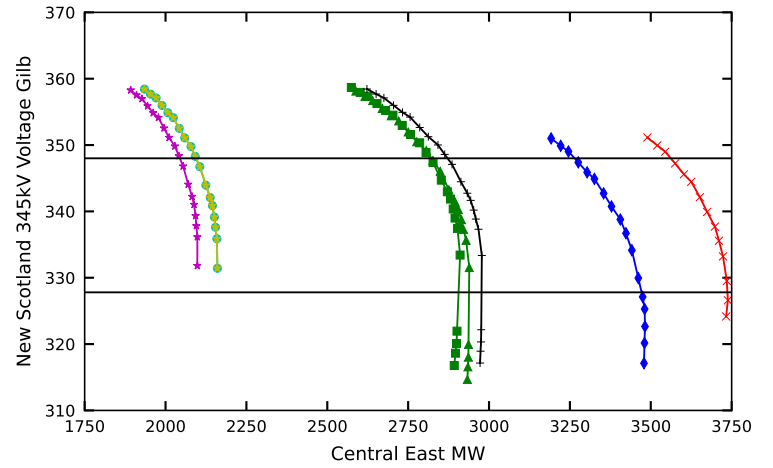
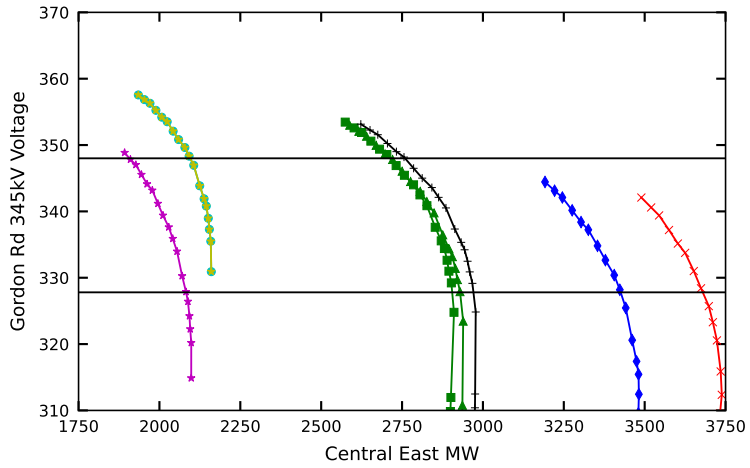
1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A Figure 2



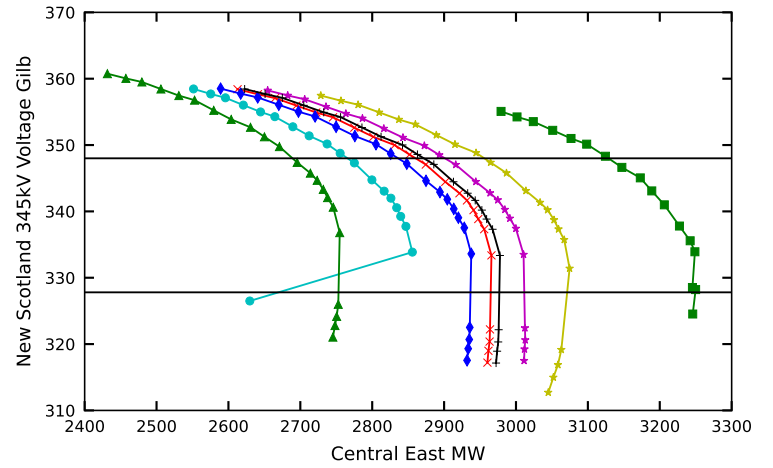
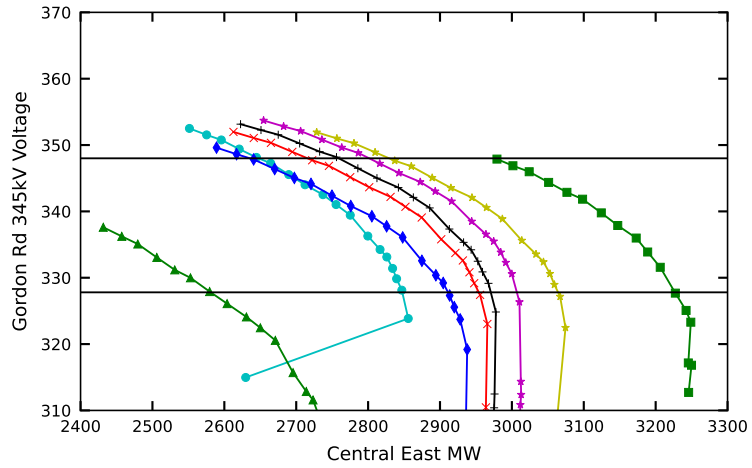
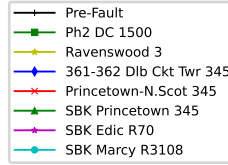
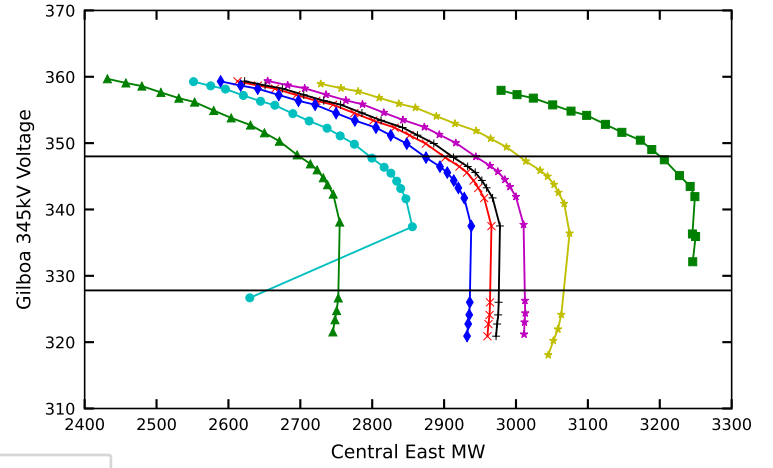
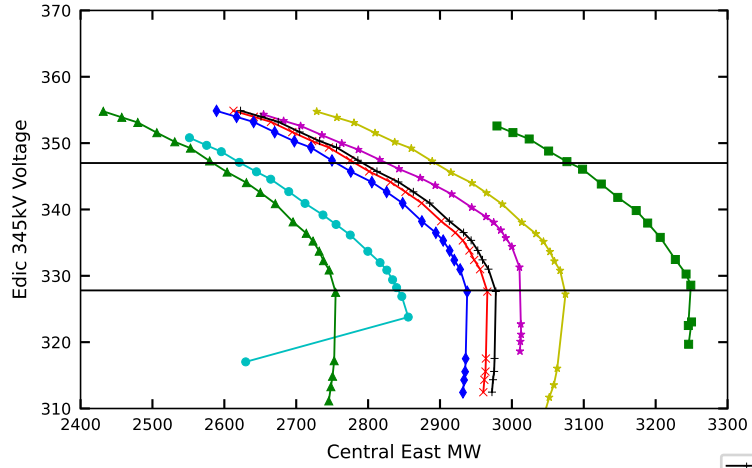
1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A Figure 1



- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A Figure 2



Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\0A\Sum2023_CEVC_PH2_50_0A.xlsx

1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2622	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2650	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2674	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2704	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2732	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2756	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2785	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2812	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2842	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2862	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2885	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2913	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2932	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2943	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2952	t1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	5															
2959	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2967	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2977	t1	0	0	0	0	2	1	0	0	0	0	0	0	0	0	2
	8															
2975	t1	0	2	2	0	2	2	2	0	1	0	0	0	0	0	2
	9															
2975	t2	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	0															
2973	t2	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2
	1															
2972	t2	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2
	2															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\0A\Sum2023_CEVC_PH2_50_0A.xlsx

1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Interface: Central East

	t	t	t	t	t	t	t	t	t	t1	t1	t1	t1	t1	t1	t1	t1	t1	t1	t2	t2	t2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princeton 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princeton-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-06-2023 16:25

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\0A\Sum2023_CEVC_PH2_50_0A.xlsx

1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Interface: Central East

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\0A\Sum2023_CEVC_PH2_50_0A.xlsx

1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2316 <E	Dunwoodie 345kV Voltage	Pre-Fault	166.1	NA	348	2316
2317 <E	Sprain Brook 345kV Voltage	Pre-Fault	177.1	NA	348	2317
2665 >E	Northport 138kV Voltage	SBK Edic R70	-24.4	131.1	131.1	3257
2731	Millwood 345kV Voltage	Pre-Fault	59.7	NA	348	2731
2754 >E	Gardenville 230kV Voltage	SBK Edic R70	-8.3	207	202.8	3187
2759	Gordon Rd 345kV Voltage	Pre-Fault	17.6	NA	348	2759
2776	Marcy 345kV Voltage	Pre-Fault	15.1	NA	348	2776
2786	limit with 5% margin	Marcy South N.	NA	NA	NA	3551
2787	Gordon Rd 345kV Voltage	SBK Princetown 345	14.6	327.8	346.4	2581
2792	Edic 345kV Voltage	Pre-Fault	15.9	NA	347	2792
2796	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3086
2804	limit with 5% margin	Marcy South S.	NA	NA	NA	3307
2819	Gordon Rd 345kV Voltage	Marcy South N.	11.1	327.8	344.7	3679
2819	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1993
2825 >E	Goethals 345kV Voltage	SBK Edic R70	-6.0	327.8	327.8	3130
2826	limit with 5% margin	SBK Edic R70	NA	NA	NA	2862
2828	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2052
2828	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2791
2828	limit with 5% margin	SBK Edic R945	NA	NA	NA	2052
2828	limit with 5% margin	Volney-Marcy	NA	NA	NA	2765
2828	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2713
2828	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2617
2828	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2817
2828	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2790
2828	limit with 5% margin	Ravenswood 3	NA	NA	NA	2920
2832	Buchanan North 345kV Voltage	Pre-Fault	82.2	NA	346	2832
2862 >E	Niagara 345kV Voltage	SBK Edic R70	-3.8	327.8	324.2	3101
2865 >E	Niagara 230kV East Voltage	SBK Edic R70	-8.2	218.5	216.8	3099
2865 >E	Niagara 230kV West Voltage	SBK Edic R70	-8.2	218.5	216.8	3099
2866	Gordon Rd 345kV Voltage	Marcy South S.	8.3	327.8	341.9	3425
2871	New Scotland 345kV Voltage Alps	Pre-Fault	15.2	NA	348	2871
2871	New Scotland 345kV Voltage Gilb	Pre-Fault	15.2	NA	348	2871
2873	Pleasant Valley 345kV Voltage	Pre-Fault	32.2	NA	348	2873
2875 >E	Farragut 345kV Voltage	SBK Edic R70	-4.0	327.8	327.9	3091
2878 >E	Rainey 345kV Voltage	SBK Edic R70	-3.9	327.8	327.9	3088
2898 >E	Watercure 230kV Voltage	SBK Edic R70	-3.1	207	202.2	3073
2901	Edic 345kV Voltage	Marcy South N.	7.1	327.8	339.4	3730
2903	Marcy 345kV Voltage	Marcy South N.	7.0	327.8	339.1	3730
2908	Buchanan South 345kV Voltage	Pre-Fault	26.7	NA	346	2908
2909	Rock Tavern 345kV Voltage	Pre-Fault	18.4	NA	348	2909

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2910	Gilboa 345kV Voltage	Pre-Fault	13.0	NA	348	2910
2912	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.0	327.8	337.4	3226
2924	New Scotland 345kV Voltage Alps	Marcy South N.	6.8	327.8	343.5	3736
2924	New Scotland 345kV Voltage Gilb	Marcy South N.	6.8	327.8	343.5	3736
2928	New Scotland 345kV Voltage Alps	Marcy South S.	7.0	327.8	343.2	3471
2928	New Scotland 345kV Voltage Gilb	Marcy South S.	7.0	327.8	343.2	3471
2931	Oakdale 345kV Voltage	Marcy South N.	6.7	320	341.7	3738
2933	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.2	327.8	335.3	2082
2933 >E	Somerset 345kV Voltage	SBK Edic R70	-1.8	327.8	324.9	3045
2944	Leeds 345kV Voltage	Pre-Fault	6.7	NA	345	2944
2948 >E	Edic 345kV Voltage	Ph2 DC 1500	6.3	327.8	334.8	3251
2948 >E	Marcy 345kV Voltage	Ph2 DC 1500	6.2	327.8	334.6	3252
2948	Ramapo 500kV Voltage	Ravenswood 3	4.1	500	505.1	3049
2949	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	3.9	327.8	338.4	2148
2949	Coopers Corners 345kV Voltage	SBK Edic R945	3.9	327.8	338.4	2148
2950	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	4.9	327.8	332.9	2911
2950	Station 80 345kV Voltage	Pre-Fault	14.8	NA	346	2950
2950	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	338.2	2091
2951	Coopers Corners 345kV Voltage	Pre-Fault	5.8	NA	338	2951
2952	Marcy 345kV Voltage	SBK Edic R945	3.6	327.8	333.6	2151
2952	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	333.6	2151
2954	Fraser 345kV Voltage	Pre-Fault	4.2	NA	338	2954
2954	Pannell Road 345kV Voltage	Pre-Fault	14.6	NA	346	2954
2955	Edic 345kV Voltage	SBK Edic R945	3.6	327.8	333.2	2152
2955	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.7	327.8	333.2	2152
2957	Edic 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	332.8	2094
2957	Ramapo 500kV Voltage	Marcy-N.Scot99 345	3.8	500	503.0	2094
2958	Ramapo 500kV Voltage	SBK Edic R945	3.8	500	502.9	2153
2958	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	3.8	500	502.9	2153
2958 >E	Edic 345kV Voltage	Marcy South S.	4.7	327.8	332.9	3482
2959 >E	Gilboa 345kV Voltage	Marcy South S.	3.7	327.8	343.5	3482
2959 >E	Marcy 345kV Voltage	Marcy South S.	4.7	327.8	332.5	3482
2961	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.6	327.8	331.9	2096
2961	Edic 345kV Voltage	SBK Marcy R3108	6.3	327.8	332.0	2841
2962	Ramapo 345kV Voltage	Pre-Fault	13.6	NA	346	2962
2963 >E	Station 80 345kV Voltage	SBK Edic R70	-0.9	327.8	325.6	3022
2963	Fraser 345kV Voltage	SBK Edic R945	3.2	327.8	335.8	2156
2963	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.2	327.8	335.8	2156
2964 >E	Ramapo 500kV Voltage	Marcy South S.	4.1	500	501.5	3483
2964	Gordon Rd 345kV Voltage	Ravenswood 3	4.6	327.8	329.8	3064

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2964	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.3	327.8	335.5	2097
2964 >E	Bowline 2 345kV Voltage	SBK Edic R70	-0.9	327.8	328.1	3021
2964 >E	Bowline 1 345kV Voltage	SBK Edic R70	-0.9	327.8	328.1	3021
2965 >E	Ramapo 500kV Voltage	Ph2 DC 1500	30.6	500	506.2	3262
2965 >E	Leeds 345kV Voltage	Marcy South S.	4.0	327.8	341.9	3483
2965 >E	Pannell Road 345kV Voltage	SBK Edic R70	-0.8	327.8	325.3	3020
2965	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	329.5	2953
2966 >E	Ladentown 345kV Voltage	SBK Edic R70	-0.9	327.8	328.1	3019
2966	Clay 345kV Voltage	Pre-Fault	10.9	NA	345	2966
2967 >E	Ramapo 345kV Voltage	SBK Edic R70	-0.9	327.8	328.1	3019
2967	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	2.3	327.8	329.1	2929
2967	Oakdale 345kV Voltage	Pre-Fault	2.2	NA	335	2967
2968	Gordon Rd 345kV Voltage	SBK Marcy R3108	2.4	327.8	328.8	2847
2968 >E	Clay 345kV Voltage	SBK Edic R70	-0.6	327.8	324.0	3018
2969 >E	Buchanan South 345kV Voltage	SBK Edic R70	-0.9	327.8	328.0	3017
2969	Edic 345kV Voltage	Volney-Marcy	2.7	327.8	330.2	2904
2970	Marcy 345kV Voltage	Volney-Marcy	2.6	327.8	329.9	2904
2970	Gordon Rd 345kV Voltage	Volney-Marcy	2.3	327.8	327.8	2904
2971	Ladentown 345kV Voltage	Pre-Fault	5.5	NA	346	2971
2971 >E	Millwood 345kV Voltage	SBK Edic R70	-0.9	327.8	328.0	3016
2971 >E	Buchanan North 345kV Voltage	SBK Edic R70	-0.9	327.8	328.0	3016
2971 >E	Roseton 345kV Voltage	SBK Edic R70	-0.5	327.8	328.1	3016
2971 >E	St.Lawrence 230kV Voltage	SBK Edic R70	-0.8	218.5	218.0	3016
2971 >E	Sprain Brook 345kV Voltage	SBK Edic R70	-1.0	327.8	328.0	3015
2972 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	-0.7	327.8	327.9	3015
2972 >E	Dunwoodie 345kV Voltage	SBK Edic R70	-1.0	327.8	328.0	3015
2972	Ramapo 500kV Voltage	SBK Princetown 345	2.5	500	500.4	2750
2972	Ramapo 500kV Voltage	N.Scot-Leeds 345	2.5	500	500.2	2934
2973	Ramapo 500kV Voltage	Volney-Marcy	2.5	500	500.1	2906
2973	Ramapo 500kV Voltage	SBK Edic R70	2.5	500	500.1	3005
2973	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	2.5	500	500.1	2933
2973	Ramapo 500kV Voltage	Princetown-N.Scot 345	2.5	500	500.0	2961
2973	Ramapo 500kV Voltage	Pre-Fault	2.5	NA	500	2973
2973	Ramapo 500kV Voltage	SBK Marcy R3108	2.6	500	500.0	2852
2973 >E	Rock Tavern 345kV Voltage	SBK Edic R70	-0.5	327.8	328.3	3014
2974	Gordon Rd 345kV Voltage	SBK Edic R70	2.4	327.8	326.3	3006
2974	Coopers Corners 345kV Voltage	Ravenswood 3	2.3	327.8	332.4	3072
2974 >E	Oakdale 345kV Voltage	SBK Edic R70	-0.4	320	319.0	3013
2974	Roseton 345kV Voltage	Pre-Fault	5.0	NA	345	2974
2975	Leeds 345kV Voltage	SBK Edic R70	-0.4	327.8	327.8	3012

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2976	Marcy 345kV Voltage	Ravenswood 3	2.8	327.8	328.0	3073
2976	Edic 345kV Voltage	Ravenswood 3	2.9	327.8	328.2	3073
2976	Gilboa 345kV Voltage	SBK Edic R70	-0.2	327.8	327.6	3012
2976	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	1.7	320	331.0	2160
2976	Marcy 345kV Voltage	SBK Princetown 345	3.0	327.8	327.8	2753
2976	Marcy 345kV Voltage	Princetown-N.Scot 345	3.0	327.8	327.8	2964
2976	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.0	327.8	327.8	2936
2976	Marcy 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	327.8	2937
2976	Marcy 345kV Voltage	SBK Marcy R3108	3.0	327.8	327.8	2854
2976	Marcy 345kV Voltage	SBK Edic R70	3.0	327.8	327.8	3009
2976	Oakdale 345kV Voltage	SBK Edic R945	1.7	320	331.0	2160
2976	New Scotland 345kV Voltage Alps	SBK Edic R70	-0.2	327.8	327.6	3011
2976	New Scotland 345kV Voltage Gilb	SBK Edic R70	-0.2	327.8	327.6	3011
2976	Edic 345kV Voltage	SBK Princetown 345	3.0	327.8	327.9	2754
2976	Edic 345kV Voltage	SBK Edic R70	-0.2	327.8	323.5	3011
2977	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.1	327.8	327.8	2937
2977	Edic 345kV Voltage	Princetown-N.Scot 345	3.1	327.8	327.8	2965
2977	Edic 345kV Voltage	N.Scot-Leeds 345	3.1	327.8	327.8	2938
2977	Fraser 345kV Voltage	SBK Edic R70	-0.2	327.8	327.8	3010
2977	Coopers Corners 345kV Voltage	SBK Edic R70	-0.2	327.8	328.9	3010
2980 >E	Dunwoodie 345kV Voltage	Ravenswood 3	3.9	327.8	336.0	3076
2981 >E	Sprain Brook 345kV Voltage	Ravenswood 3	3.9	327.8	336.1	3077
2981 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	2.6	327.8	329.5	2758
2982 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	6.3	327.8	337.7	3273
2982 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	6.3	327.8	337.7	3273
2983 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	2.2	327.8	327.8	2944
2983 >E	Fraser 345kV Voltage	SBK Princetown 345	2.2	327.8	327.8	2759
2983 >E	Fraser 345kV Voltage	Volney-Marcy	2.2	327.8	327.8	2914
2983 >E	Fraser 345kV Voltage	SBK Marcy R3108	2.2	327.8	327.8	2860
2983 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	2.2	327.8	327.8	2971
2983 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	327.8	327.8	2942
2983 >E	Fraser 345kV Voltage	Ravenswood 3	2.2	327.8	327.8	3078
2984 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	2.0	327.8	334.9	2161
2984 >E	Gilboa 345kV Voltage	SBK Edic R945	2.0	327.8	334.9	2161
2984 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	2.2	327.8	321.9	2161
2984 >E	Gordon Rd 345kV Voltage	SBK Edic R945	2.2	327.8	321.9	2161
2984 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	2.6	327.8	328.4	2945
2985 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr	2.6	327.8	328.1	2945

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2986 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	2.3	327.8	330.1	2161
2986 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	2.3	327.8	330.1	2161
2986 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	2.6	327.8	327.9	2974
2986 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	2.3	327.8	330.1	2161
2986 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	2.3	327.8	330.1	2161
2986 >E	Bowline 2 345kV Voltage	Pre-Fault	5.3	NA	345	2986
2986 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	2.4	327.8	330.1	3080
2986 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	2.4	327.8	330.1	3080
2986 >E	Bowline 1 345kV Voltage	Pre-Fault	5.6	NA	345	2986
2987 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	2.5	327.8	329.8	2947
2987 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	2.5	327.8	329.8	2947
2987 >E	Coopers Corners 345kV Voltage	Volney-Marcy	2.6	327.8	327.4	2918
2987 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.6	320	330.6	2106
2991 >E	Millwood 345kV Voltage	Ravenswood 3	3.8	327.8	336.2	3084
2992 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	2.6	327.8	327.8	2922
2992 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	2.6	327.8	327.8	2922
2992 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	2.6	327.8	327.8	2980
2992 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	2.6	327.8	327.8	2980
2992 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.2	320	323.6	2868
2992 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	2.6	327.8	327.5	2952
2992 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	2.6	327.8	327.5	2952
2993 >E	Buchanan North 345kV Voltage	Ravenswood 3	4.0	327.8	335.9	3085
2993 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	2.6	327.8	327.2	2869
2993 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	2.6	327.8	327.2	2869
2993 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	2.8	327.8	324.9	2869
2994 >E	Oakdale 345kV Voltage	Volney-Marcy	2.1	320	322.7	2923
2996 >E	Oakdale 345kV Voltage	Ravenswood 3	2.1	320	321.6	3088
2997 >E	Gilboa 345kV Voltage	Ravenswood 3	2.3	327.8	329.4	3088
2997 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.2	320	321.3	2772
2998 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	2.4	327.8	328.8	2959
2999 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.2	320	320.2	2958
3000 >E	Buchanan South 345kV Voltage	Ravenswood 3	3.9	327.8	336.5	3090
3000 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.2	320	320.1	2960
3000 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.2	320	320.1	2988
3001 >E	Gilboa 345kV Voltage	Volney-Marcy	2.4	327.8	327.9	2929
3001 >E	Gilboa 345kV Voltage	SBK Marcy R3108	2.4	327.8	327.9	2876
3001 >E	Rock Tavern 345kV Voltage	Ravenswood 3	3.0	327.8	335.3	3091

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3001 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	2.4	327.8	327.8	2989
3001 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	2.4	327.8	327.8	2960
3001 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	3.1	327.8	335.2	2163
3001 >E	Rock Tavern 345kV Voltage	SBK Edic R945	3.1	327.8	335.2	2163
3001 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	2.7	327.8	324.1	2776
3001 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	2.7	327.8	324.1	2776
3002 >E	Gilboa 345kV Voltage	SBK Princetown 345	2.4	327.8	327.2	2776
3002 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	335.2	2112
3003 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	6.8	327.8	333.8	3286
3003 >E	Leeds 345kV Voltage	Ravenswood 3	2.7	327.8	328.9	3093
3006 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	3.5	327.8	333.9	3095
3007 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	327.8	2164
3007 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	2.9	327.8	327.8	2967
3007 >E	Leeds 345kV Voltage	SBK Edic R945	2.9	327.8	327.8	2164
3007 >E	Leeds 345kV Voltage	Volney-Marcy	2.9	327.8	327.8	2934
3007 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	327.8	327.8	2965
3007 >E	Leeds 345kV Voltage	SBK Marcy R3108	2.9	327.8	327.8	2881
3007 >E	Leeds 345kV Voltage	SBK Princetown 345	2.9	327.8	327.8	2780
3007 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	2.9	327.8	327.8	2994
3008 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	5.0	327.8	329.6	2114
3008 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	5.0	327.8	329.6	2114
3009 >E	Fraser 345kV Voltage	Marcy South S.	5.4	327.8	327.8	3488
3012 >E	Pleasant Valley 345kV Voltage	Marcy South S.	6.5	327.8	337.6	3488
3013 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	329.6	2165
3014 >E	Dunwoodie 345kV Voltage	SBK Edic R945	4.5	327.8	329.6	2165
3014 >E	Fraser 345kV Voltage	Ph2 DC 1500	6.0	327.8	330.8	3293
3014 >E	Roseton 345kV Voltage	Ravenswood 3	3.2	327.8	337.1	3101
3015 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	4.6	327.8	329.7	2166
3015 >E	Sprain Brook 345kV Voltage	SBK Edic R945	4.6	327.8	329.7	2165
3015 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	331.7	2166
3015 >E	Buchanan North 345kV Voltage	SBK Edic R945	4.4	327.8	331.7	2165
3016 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.7	327.8	336.8	2166
3016 >E	Clay 345kV Voltage	SBK Edic R945	3.8	327.8	336.7	2165
3016 >E	St.Lawrence 230kV Voltage	Pre-Fault	15.5	NA	225	3016
3019 >E	Ramapo 345kV Voltage	Ravenswood 3	4.2	327.8	336.4	3104
3019 >E	Ladentown 345kV Voltage	Ravenswood 3	4.0	327.8	337.0	3105
3021 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	330.3	2166
3021 >E	Millwood 345kV Voltage	SBK Edic R945	4.4	327.8	330.3	2166
3022 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	5.1	327.8	328.0	2981

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3023 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	5.1	327.8	327.8	3010
3023 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	327.8	2981
3024 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	5.2	327.8	328.0	2983
3024 >E	Dunwoodie 345kV Voltage	Volney-Marcy	5.2	327.8	327.5	2948
3024 >E	Dunwoodie 345kV Voltage	Marcy South S.	6.9	327.8	330.0	3489
3024 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	5.2	327.8	327.5	2796
3025 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	5.2	327.8	327.8	3012
3025 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	5.2	327.8	327.8	2982
3026 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.5	320	328.3	3300
3026 >E	Bowline 2 345kV Voltage	Ravenswood 3	3.9	327.8	337.4	3109
3026 >E	Sprain Brook 345kV Voltage	Volney-Marcy	5.3	327.8	327.5	2949
3026 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	5.3	327.8	327.5	2798
3027 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	331.3	2167
3027 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	5.3	327.8	327.0	2899
3027 >E	Buchanan South 345kV Voltage	SBK Edic R945	4.4	327.8	331.2	2166
3027 >E	Sprain Brook 345kV Voltage	Marcy South S.	7.0	327.8	330.0	3490
3027 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	4.0	327.8	329.1	2167
3028 >E	Bowline 1 345kV Voltage	Ravenswood 3	4.1	327.8	337.6	3111
3028 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	4.0	327.8	329.1	2167
3029 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	5.4	327.8	327.0	2900
3029 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	4.0	327.8	328.3	2800
3029 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	328.2	2988
3031 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	327.9	2988
3031 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.8	3018
3032 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	328.2	2990
3032 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	328.1	2991
3033 >E	Rock Tavern 345kV Voltage	Volney-Marcy	4.1	327.8	327.4	2955
3033 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	333.3	2168
3033 >E	Roseton 345kV Voltage	SBK Edic R945	3.8	327.8	333.3	2167
3034 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	4.5	327.8	327.8	3021
3034 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	5.1	327.8	327.8	3021
3034 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	327.8	2991
3034 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	4.5	327.8	327.7	2991
3035 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	5.3	327.8	328.1	2993
3035 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	333.6	2169
3035 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	4.5	327.8	327.4	2956

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3035 >E	Ramapo 345kV Voltage	SBK Edic R945	4.5	327.8	333.5	2168
3036 >E	Millwood 345kV Voltage	Volney-Marcy	5.1	327.8	327.4	2957
3036 >E	Millwood 345kV Voltage	SBK Princetown 345	5.1	327.8	327.4	2806
3036 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	5.3	327.8	327.8	2993
3036 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	5.3	327.8	327.8	3023
3036 >E	Buchanan North 345kV Voltage	SBK Princetown 345	5.3	327.8	327.8	2806
3036 >E	Leeds 345kV Voltage	Marcy South N.	9.3	327.8	338.9	3756
3037 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	4.5	327.8	327.0	2807
3037 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	4.6	327.8	326.9	2908
3038 >E	Buchanan North 345kV Voltage	Volney-Marcy	5.4	327.8	327.5	2958
3039 >E	Millwood 345kV Voltage	SBK Marcy R3108	5.2	327.8	326.8	2909
3039 >E	Gilboa 345kV Voltage	Ph2 DC 1500	6.8	327.8	337.4	3309
3039 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	4.3	327.8	325.8	2909
3040 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	333.3	2169
3040 >E	Ladentown 345kV Voltage	SBK Edic R945	4.4	327.8	333.2	2168
3042 >E	Millwood 345kV Voltage	Marcy South S.	7.1	327.8	330.9	3491
3042 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	5.5	327.8	326.7	2912
3043 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	6.7	327.8	334.1	2127
3043 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	5.1	327.8	328.1	3001
3044 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	8.6	218.5	223.2	2170
3045 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	5.2	327.8	327.8	3032
3045 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	5.2	327.8	327.8	3001
3045 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.7	218.5	223.1	2169
3046 >E	Buchanan South 345kV Voltage	SBK Princetown 345	5.2	327.8	327.6	2815
3046 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	333.6	2170
3046 >E	Bowline 2 345kV Voltage	SBK Edic R945	4.3	327.8	333.5	2169
3047 >E	Buchanan South 345kV Voltage	Volney-Marcy	5.2	327.8	327.4	2965
3049 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	333.7	2171
3049 >E	Bowline 1 345kV Voltage	SBK Edic R945	4.5	327.8	333.7	2170
3050 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	5.3	327.8	326.7	2919
3051 >E	Gilboa 345kV Voltage	Marcy South N.	8.8	327.8	338.3	3758
3052 >E	Clay 345kV Voltage	Volney-Marcy	5.6	327.8	330.8	2970
3056 >E	Clay 345kV Voltage	Marcy South N.	12.4	327.8	342.5	3759
3056 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	6.6	327.8	327.8	2132
3059 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	328.2	3017
3061 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	5.0	327.8	327.8	3048
3061 >E	Clay 345kV Voltage	Ravenswood 3	5.6	327.8	329.2	3135
3061 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	327.8	327.8	3017

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3062 >E	Leeds 345kV Voltage	Ph2 DC 1500	7.8	327.8	335.3	3323
3063 >E	Buchanan North 345kV Voltage	Marcy South S.	7.3	327.8	327.1	3494
3063 >E	Oakdale 345kV Voltage	Marcy South S.	5.9	320	319.7	3494
3063 >E	Roseton 345kV Voltage	SBK Princetown 345	5.1	327.8	327.4	2830
3063 >E	Clay 345kV Voltage	SBK Marcy R3108	6.7	327.8	328.9	2930
3064 >E	Roseton 345kV Voltage	Volney-Marcy	5.1	327.8	327.2	2980
3065 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	11.3	218.5	221.9	2932
3065 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	328.2	3023
3067 >E	Buchanan South 345kV Voltage	Marcy South S.	7.4	327.8	329.7	3494
3067 >E	Ramapo 345kV Voltage	SBK Princetown 345	5.6	327.8	327.9	2833
3067 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	5.6	327.8	327.9	3023
3067 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	5.6	327.8	327.8	3054
3068 >E	Clay 345kV Voltage	SBK Princetown 345	6.0	327.8	328.1	2834
3068 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	328.2	3025
3069 >E	Roseton 345kV Voltage	SBK Marcy R3108	5.3	327.8	326.3	2935
3069 >E	Fraser 345kV Voltage	Marcy South N.	10.0	327.8	327.8	3761
3069 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	6.0	327.8	327.9	3025
3069 >E	Clay 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	327.8	3026
3069 >E	Ramapo 345kV Voltage	Volney-Marcy	5.7	327.8	327.5	2984
3069 >E	Clay 345kV Voltage	Princetown-N.Scot 345	6.0	327.8	327.8	3056
3070 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	5.5	327.8	327.8	3025
3070 >E	Ladentown 345kV Voltage	SBK Princetown 345	5.5	327.8	327.8	2836
3070 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	327.8	3056
3072 >E	Ladentown 345kV Voltage	Volney-Marcy	5.5	327.8	327.5	2986
3074 >E	St.Lawrence 230kV Voltage	Volney-Marcy	11.9	218.5	221.3	2987
3075 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	5.2	327.8	328.2	3031
3076 >E	Ramapo 345kV Voltage	SBK Marcy R3108	5.9	327.8	326.4	2941
3076 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	5.3	327.8	327.8	3032
3076 >E	Bowline 2 345kV Voltage	SBK Princetown 345	5.3	327.8	327.8	2842
3077 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	5.3	327.8	327.8	3063
3077 >E	Ladentown 345kV Voltage	SBK Marcy R3108	5.7	327.8	326.4	2943
3079 >E	Bowline 2 345kV Voltage	Volney-Marcy	5.3	327.8	327.4	2991
3080 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	8.4	327.8	334.6	2141
3080 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	328.2	3036
3082 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	5.6	327.8	327.8	3037
3082 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	7.8	327.8	337.1	2176

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3082 >E	Bowline 1 345kV Voltage	SBK Princetown 345	5.6	327.8	327.8	2847
3082 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	5.6	327.8	327.8	3068
3083 >E	Pannell Road 345kV Voltage	SBK Edic R945	7.9	327.8	337.0	2174
3084 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	5.5	327.8	326.3	2949
3084 >E	Bowline 1 345kV Voltage	Volney-Marcy	5.6	327.8	327.4	2996
3091 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	5.8	327.8	326.3	2954
3097 >E	Roseton 345kV Voltage	Marcy South S.	8.1	327.8	332.8	3497
3101 >E	St.Lawrence 230kV Voltage	Ravenswood 3	14.4	218.5	219.5	3165
3106 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	12.4	327.8	331.1	2151
3106 >E	Clay 345kV Voltage	Marcy South S.	9.3	327.8	333.0	3498
3112 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	9.5	327.8	336.9	2180
3114 >E	Station 80 345kV Voltage	SBK Edic R945	9.6	327.8	336.8	2178
3117 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	15.5	218.5	218.5	3103
3118 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	15.5	218.5	218.4	3071
3118 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	15.5	218.5	218.4	3073
3121 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	15.7	218.5	218.2	2882
3124 >E	Ladentown 345kV Voltage	Marcy South S.	8.0	327.8	326.7	3500
3126 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	15.1	327.8	329.0	2159
3127 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	15.0	327.8	329.0	2159
3129 >E	Bowline 2 345kV Voltage	Marcy South S.	7.6	327.8	326.7	3501
3131 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	13.0	327.8	329.5	2161
3131 >E	Clay 345kV Voltage	Ph2 DC 1500	12.1	327.8	336.3	3367
3132 >E	Ramapo 345kV Voltage	Marcy South S.	8.5	327.8	325.2	3501
3133 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	327.9	2162
3139 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	11.5	327.8	336.9	3371
3140 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	12.4	327.8	330.4	2165
3142 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	11.6	327.8	332.6	2165
3144 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	11.5	327.8	332.6	2166
3145 >E	Bowline 1 345kV Voltage	Marcy South S.	8.3	327.8	326.7	3503
3145 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	13.1	327.8	335.2	3376
3147 >E	Rainey 345kV Voltage	Ravenswood 3	10.1	327.8	343.0	3198
3156 >E	Niagara 230kV East Voltage	Pre-Fault	22.2	NA	225	3156
3156 >E	Niagara 230kV West Voltage	Pre-Fault	22.2	NA	225	3156
3157 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	330.5	2171
3159 >E	Farragut 345kV Voltage	Ravenswood 3	10.6	327.8	342.3	3207
3161 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	11.5	327.8	332.3	2173
3163 >E	St.Lawrence 230kV Voltage	Marcy South S.	20.3	218.5	220.3	3505
3164 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	10.6	327.8	332.3	2174
3172 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	24.8	218.5	222.6	3393
3173 >E	Rock Tavern 345kV Voltage	Marcy South S.	9.1	327.8	317.4	3506

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3176 >E	Pannell Road 345kV Voltage	Marcy South S.	13.0	327.8	331.2	3506
3176 >E	Millwood 345kV Voltage	Ph2 DC 1500	16.5	327.8	334.3	3395
3181 >E	Pannell Road 345kV Voltage	Ravenswood 3	12.9	327.8	330.3	3223
3182 >E	Station 80 345kV Voltage	Marcy South S.	13.2	327.8	330.3	3507
3183 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	19.7	327.8	333.3	3399
3183 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	19.8	327.8	333.2	3399
3183 >E	Pannell Road 345kV Voltage	Volney-Marcy	13.3	327.8	330.1	3075
3186 >E	Station 80 345kV Voltage	Ph2 DC 1500	15.7	327.8	334.7	3401
3191 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	19.1	327.8	335.8	3404
3193 >E	Pleasant Valley 345kV Voltage	Marcy South N.	18.4	327.8	335.6	3782
3193 >E	Pannell Road 345kV Voltage	Marcy South N.	20.5	327.8	339.8	3783
3194 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	24.3	218.5	220.8	2185
3194 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	12.3	327.8	332.7	2185
3199 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	16.5	327.8	335.5	3409
3207 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	16.7	327.8	335.6	3414
3209 >E	St.Lawrence 230kV Voltage	Marcy South N.	28.6	218.5	224.3	3785
3211 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	15.9	327.8	332.4	2192
3214 >E	Pannell Road 345kV Voltage	SBK Princetown 345	14.5	327.8	328.0	2964
3217 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	14.5	327.8	327.8	3165
3217 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	14.5	327.8	327.8	3201
3217 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	14.5	327.8	327.8	3167
3221 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	17.2	218.5	222.1	2197
3221 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	17.2	218.5	222.1	2197
3222 >E	Niagara 230kV East Voltage	SBK Edic R945	17.2	218.5	222.1	2193
3222 >E	Niagara 230kV West Voltage	SBK Edic R945	17.2	218.5	222.1	2193
3224 >E	Station 80 345kV Voltage	Ravenswood 3	15.6	327.8	330.7	3254
3237 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	17.0	327.8	326.5	3082
3237 >E	Roseton 345kV Voltage	Ph2 DC 1500	15.0	327.8	336.8	3433
3239 >E	Station 80 345kV Voltage	Volney-Marcy	16.5	327.8	329.9	3119
3239 >E	Rainey 345kV Voltage	Pre-Fault	18.5	NA	338	3239
3242 >E	Farragut 345kV Voltage	Pre-Fault	19.3	NA	338	3242
3248 >E	Ramapo 345kV Voltage	Ph2 DC 1500	17.3	327.8	337.6	3440
3249 >E	Niagara 230kV East Voltage	Ravenswood 3	19.1	218.5	220.8	3273
3249 >E	Niagara 230kV West Voltage	Ravenswood 3	19.1	218.5	220.8	3273
3252 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	14.9	327.8	337.7	3443
3254 >E	Ladentown 345kV Voltage	Ph2 DC 1500	16.6	327.8	337.7	3444
3255 >E	Goethals 345kV Voltage	Ravenswood 3	14.5	327.8	341.5	3277
3255 >E	Station 80 345kV Voltage	Marcy South N.	23.5	327.8	338.4	3793
3261 >E	Ramapo 500kV Voltage	Marcy South N.	59.7	500	503.8	3794
3274 >E	Station 80 345kV Voltage	SBK Princetown 345	18.0	327.8	327.9	3016

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
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3276 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	18.0	327.8	327.8	3259
3276 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	18.0	327.8	327.8	3221
3276 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	18.0	327.8	327.8	3223
3292 >E	Niagara 230kV East Voltage	Volney-Marcy	21.7	218.5	218.9	3162
3292 >E	Niagara 230kV West Voltage	Volney-Marcy	21.7	218.5	218.9	3162
3294 >E	Coopers Corners 345kV Voltage	Marcy South N.	15.5	327.8	312.3	3800
3299 >E	Niagara 230kV East Voltage	SBK Princetown 345	22.1	218.5	218.6	3038
3299 >E	Niagara 230kV West Voltage	SBK Princetown 345	22.1	218.5	218.6	3038
3300 >E	Coopers Corners 345kV Voltage	Marcy South S.	10.1	327.8	278.1	3520
3300 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	22.2	218.5	218.5	3244
3300 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	22.2	218.5	218.5	3244
3300 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	22.2	218.5	218.5	3247
3300 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	22.2	218.5	218.5	3247
3301 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	22.2	218.5	218.5	3283
3301 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	22.2	218.5	218.5	3283
3305 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	17.7	327.8	339.1	3476
3312 >E	Niagara 230kV East Voltage	SBK Marcy R3108	22.9	218.5	218.0	3147
3312 >E	Niagara 230kV West Voltage	SBK Marcy R3108	22.9	218.5	218.0	3147
3312 >E	Station 80 345kV Voltage	SBK Marcy R3108	21.2	327.8	325.8	3147
3349 >E	Goethals 345kV Voltage	Pre-Fault	26.7	NA	338	3349
3361 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	15.9	327.8	331.4	2218
3362 >E	Rainey 345kV Voltage	SBK Edic R945	16.0	327.8	331.4	2212
3370 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	16.6	327.8	331.3	2219
3371 >E	Farragut 345kV Voltage	SBK Edic R945	16.6	327.8	331.3	2213
3411 >E	Millwood 345kV Voltage	Marcy South N.	31.5	327.8	331.6	3820
3423 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	18.3	327.8	328.1	3363
3427 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	18.5	327.8	327.8	3408
3428 >E	Dunwoodie 345kV Voltage	Marcy South N.	38.2	327.8	330.9	3823
3428 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	18.5	327.8	327.8	3365
3432 >E	Sprain Brook 345kV Voltage	Marcy South N.	38.2	327.8	330.9	3823
3433 >E	Rainey 345kV Voltage	SBK Princetown 345	18.6	327.8	327.5	3157
3433 >E	Rainey 345kV Voltage	Volney-Marcy	18.7	327.8	327.5	3274
3434 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	19.1	327.8	328.0	3373
3438 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	19.3	327.8	327.8	3418
3439 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	19.3	327.8	327.8	3376
3439 >E	Roseton 345kV Voltage	Marcy South N.	24.6	327.8	333.0	3825

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
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3444 >E	Farragut 345kV Voltage	SBK Princetown 345	19.4	327.8	327.5	3166
3444 >E	Farragut 345kV Voltage	Volney-Marcy	19.5	327.8	327.5	3283
3445 >E	Rainey 345kV Voltage	SBK Marcy R3108	19.1	327.8	326.9	3263
3456 >E	Farragut 345kV Voltage	SBK Marcy R3108	19.9	327.8	326.9	3273
3495 >E	Buchanan South 345kV Voltage	Marcy South N.	32.2	327.8	331.1	3834
3510 >E	Buchanan North 345kV Voltage	Marcy South N.	35.7	327.8	329.3	3837
3520 >E	Rock Tavern 345kV Voltage	Marcy South N.	25.7	327.8	324.0	3838
3524 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	25.5	207	221.7	2313
3525 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	22.9	327.8	331.4	2243
3526 >E	Goethals 345kV Voltage	SBK Edic R945	22.9	327.8	331.4	2235
3544 >E	Somerset 345kV Voltage	Marcy South S.	24.6	327.8	330.4	3546
3598 >E	Somerset 345kV Voltage	Ph2 DC 1500	29.5	327.8	336.5	3660
3614 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	26.4	327.8	328.0	3546
3621 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	26.6	327.8	327.8	3598
3621 >E	Goethals 345kV Voltage	361-362 D1b Ckt Twr 345	26.7	327.8	327.8	3549
3624 >E	Rainey 345kV Voltage	Marcy South S.	27.1	327.8	331.1	3555
3627 >E	Goethals 345kV Voltage	SBK Princetown 345	26.8	327.8	327.6	3329
3628 >E	Goethals 345kV Voltage	Volney-Marcy	26.9	327.8	327.5	3430
3644 >E	Goethals 345kV Voltage	SBK Marcy R3108	27.5	327.8	326.9	3437
3645 >E	Farragut 345kV Voltage	Marcy South S.	28.5	327.8	331.0	3557
3663 >E	Watercure 230kV Voltage	Marcy South N.	44.6	207	233.7	3863
3695 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	31.7	327.8	332.8	2379
3696 >E	Ladentown 345kV Voltage	Marcy South N.	34.3	327.8	329.4	3869
3698 >E	Niagara 230kV East Voltage	Marcy South S.	49.8	218.5	219.2	3563
3698 >E	Niagara 230kV West Voltage	Marcy South S.	49.8	218.5	219.2	3563
3705 >E	Ramapo 345kV Voltage	Marcy South N.	35.9	327.8	328.2	3870
3753 >E	Bowline 1 345kV Voltage	Marcy South N.	34.3	327.8	329.5	3878
3764 >E	Bowline 2 345kV Voltage	Marcy South N.	34.1	327.8	329.5	3880
3892 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	42.3	207	260.3	2298
3915 >E	Goethals 345kV Voltage	Marcy South S.	39.3	327.8	331.0	3587
3946 >E	Watercure 230kV Voltage	SBK Edic R945	44.8	207	261.9	2292
3952 >E	Somerset 345kV Voltage	Marcy South N.	46.5	327.8	339.0	3913
3954 >E	Watercure 230kV Voltage	Ph2 DC 1500	45.4	207	229.8	3884
3967 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	37.7	207	222.0	2310
3979 >E	Gardenville 230kV Voltage	SBK Edic R945	38.1	207	221.8	2297
4191 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	49.4	327.8	330.1	2570
4218 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	51.5	327.8	330.1	2581
4364 >E	Gardenville 230kV Voltage	Pre-Fault	80.3	NA	217	4364
4390 >E	Niagara 345kV Voltage	Marcy South S.	48.8	327.8	330.4	3639
4487 >E	Gardenville 230kV Voltage	Ravenswood 3	55.9	207	215.5	4176

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
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4569 >E	Rainey 345kV Voltage	Ph2 DC 1500	64.7	327.8	338.1	4270
4591 >E	Farragut 345kV Voltage	Ph2 DC 1500	66.9	327.8	337.9	4284
4699 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	70.8	327.8	330.2	2766
4837 >E	Niagara 345kV Voltage	Ph2 DC 1500	67.4	327.8	339.1	4439
4967 >E	Gardenville 230kV Voltage	Volney-Marcy	73.4	207	209.5	4499
5115 >E	Gardenville 230kV Voltage	SBK Princetown 345	78.8	207	207.6	4642
5162 >E	Gardenville 230kV Voltage	361-362 D1b Ckt Twr 345	80.1	207	207.1	5011
5162 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	80.1	207	207.1	5020
5166 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	80.2	207	207.0	5115
5167 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	76.0	327.8	333.8	2947
5201 >E	Goethals 345kV Voltage	Ph2 DC 1500	91.5	327.8	338.1	4667
5410 >E	Gardenville 230kV Voltage	SBK Marcy R3108	89.8	207	204.0	4976
5444 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	107.8	327.8	403.9	2533
5652 >E	Somerset 345kV Voltage	SBK Edic R945	116.8	327.8	408.3	2525
5733 >E	Niagara 230kV East Voltage	Ph2 DC 1500	192.3	218.5	226.5	5002
5733 >E	Niagara 230kV West Voltage	Ph2 DC 1500	192.3	218.5	226.5	5002
5995 >E	Gardenville 230kV Voltage	Marcy South S.	113.8	207	213.3	3815
6029 >E	Niagara 345kV Voltage	Marcy South N.	109.4	327.8	341.6	4268
6054 >E	Rainey 345kV Voltage	Marcy South N.	122.6	327.8	333.6	4273
6110 >E	Farragut 345kV Voltage	Marcy South N.	127.2	327.8	333.5	4282
6425 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	234.2	218.5	222.7	3432
6425 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	234.2	218.5	222.7	3432
6677 >E	Watercure 230kV Voltage	Marcy South S.	142.3	207	192.9	3889
7343 >E	Goethals 345kV Voltage	Marcy South N.	176.8	327.8	333.8	4493
7533 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	360.4	131.1	131.9	3859
7754 >E	Niagara 230kV East Voltage	Marcy South N.	333.0	218.5	228.7	4564
7754 >E	Niagara 230kV West Voltage	Marcy South N.	333.0	218.5	228.7	4564
8984 >E	Northport 138kV Voltage	Ph2 DC 1500	478.8	131.1	135.6	7045
11511 >E	Northport 138kV Voltage	Ravenswood 3	692.2	131.1	154.1	9300
15177 >E	Northport 138kV Voltage	Marcy South N.	966.6	131.1	133.4	5835
99998 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Marcy South N.	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
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99998 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

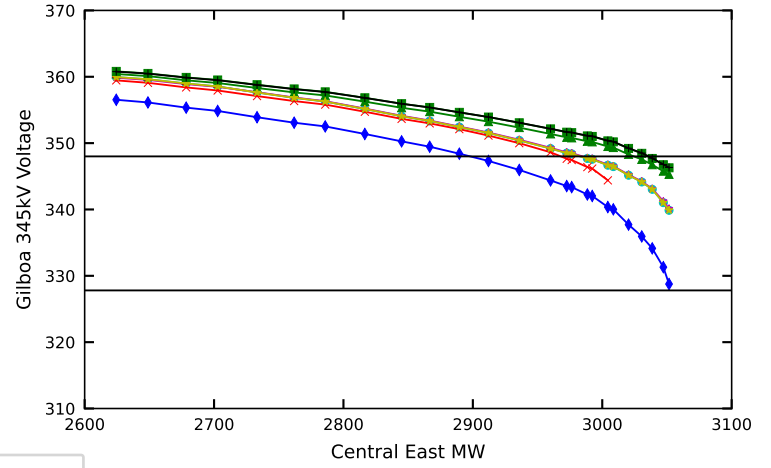
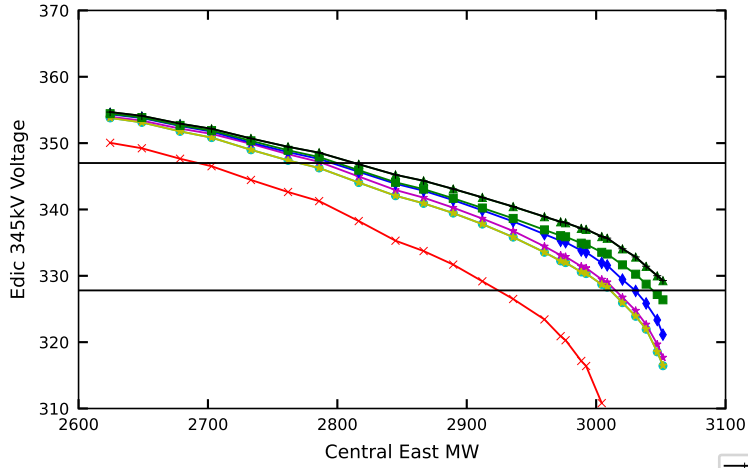
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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0A

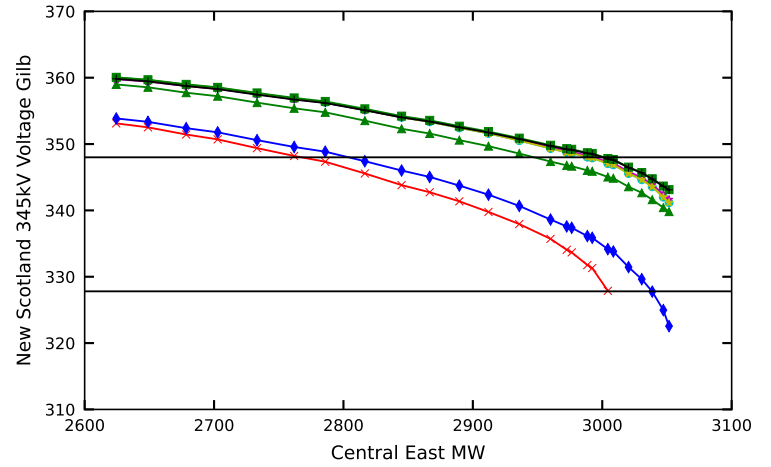
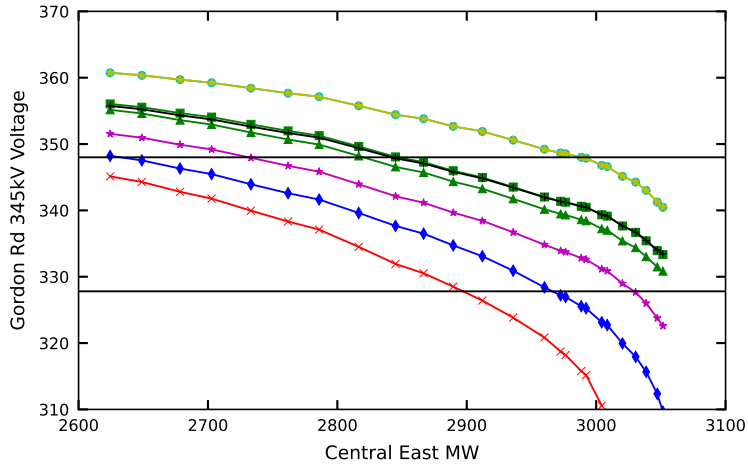
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				<-Post->	<-Pre->	
>E						
99998	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
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Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

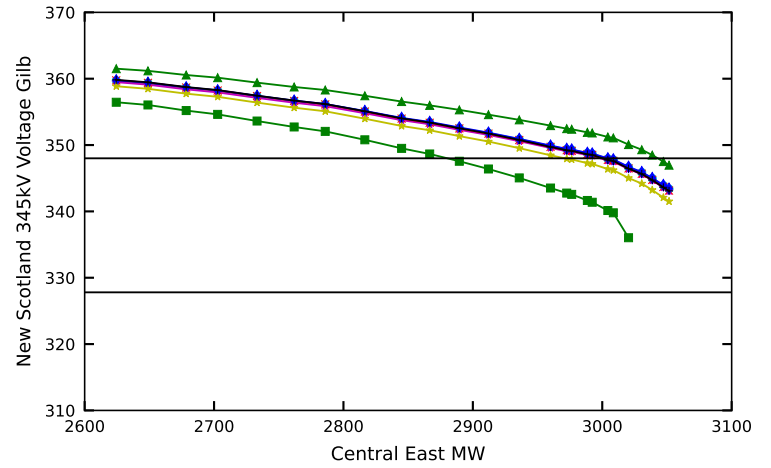
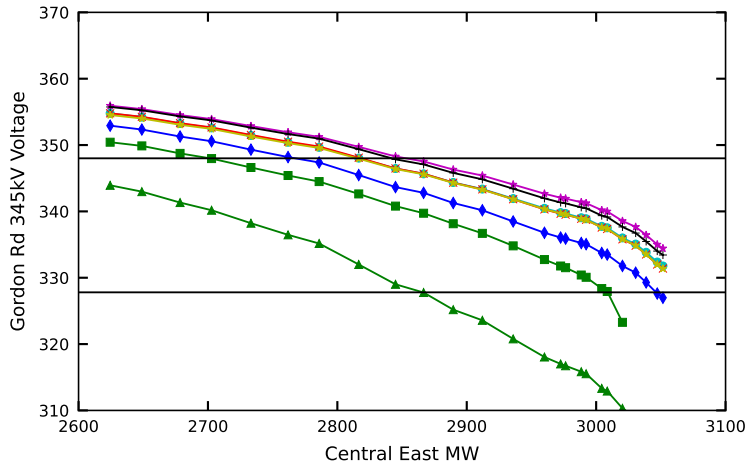
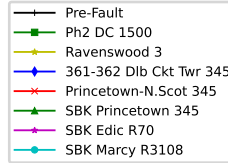
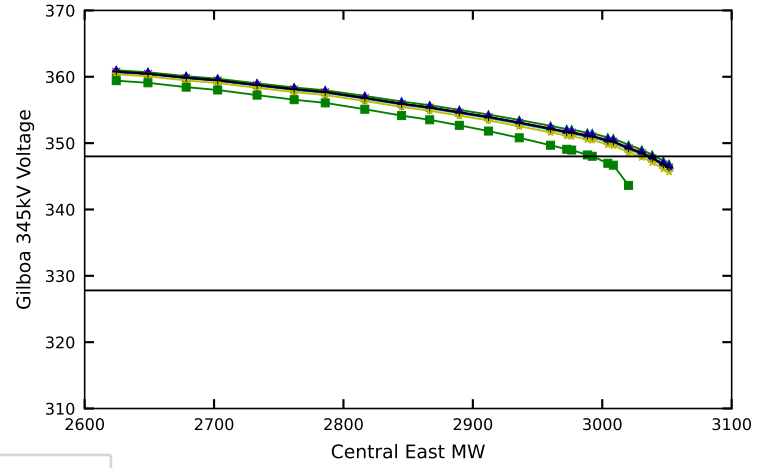
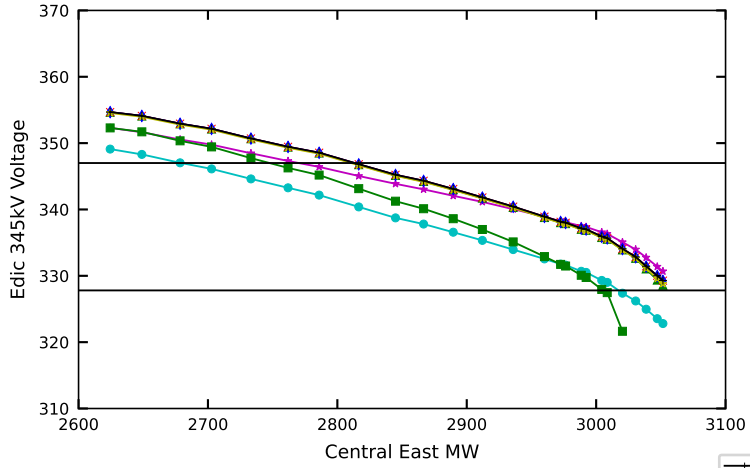
1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP Figure 1



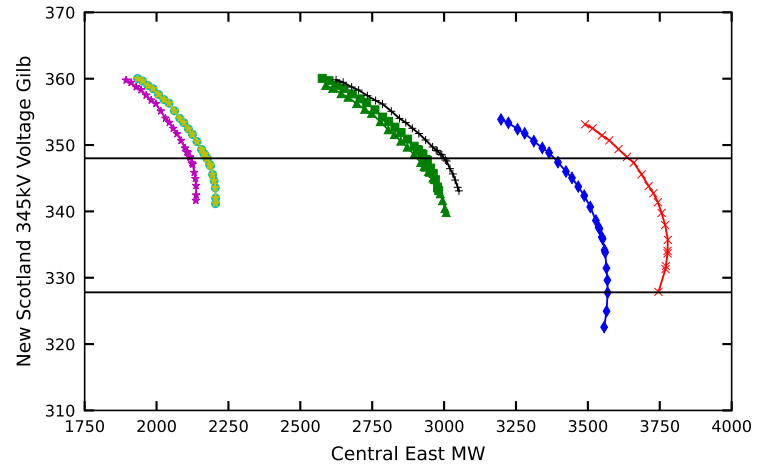
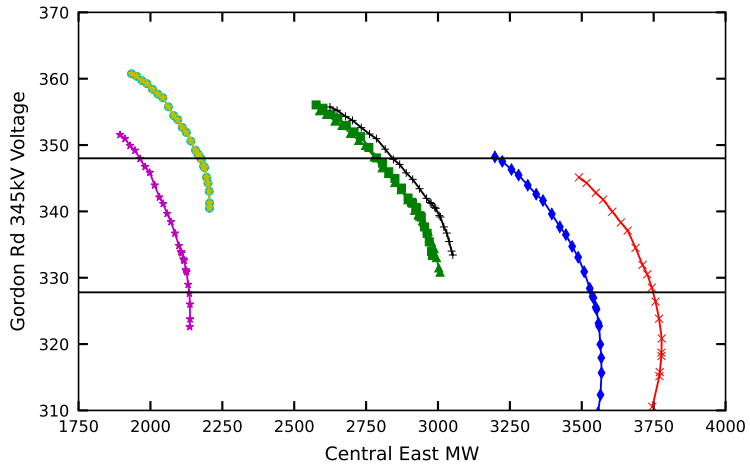
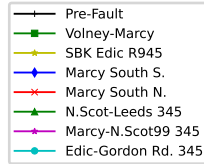
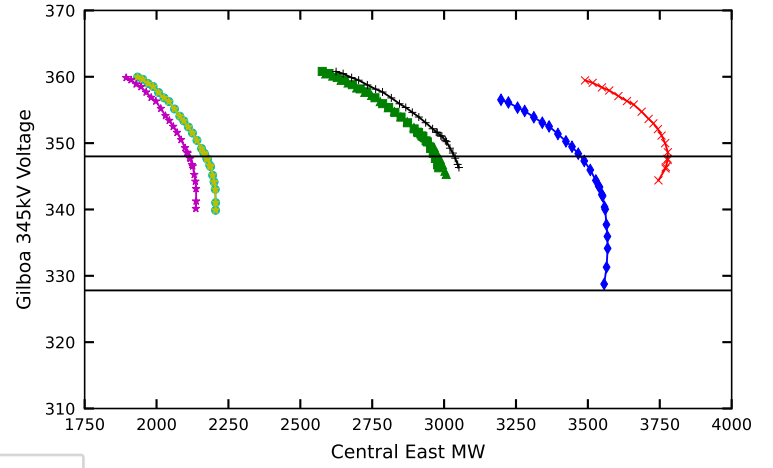
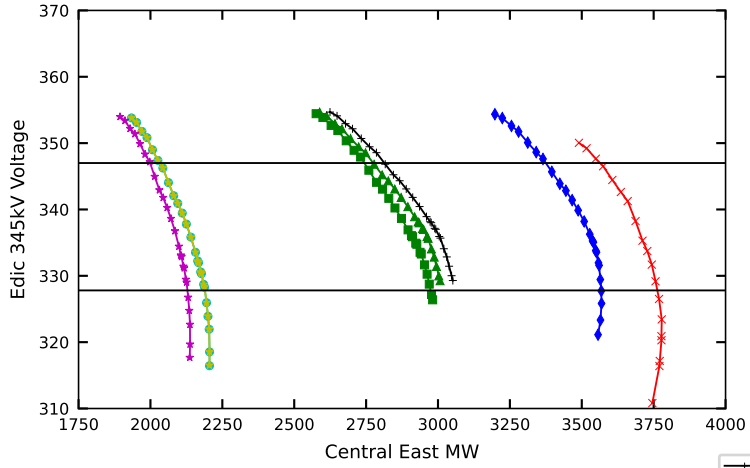
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



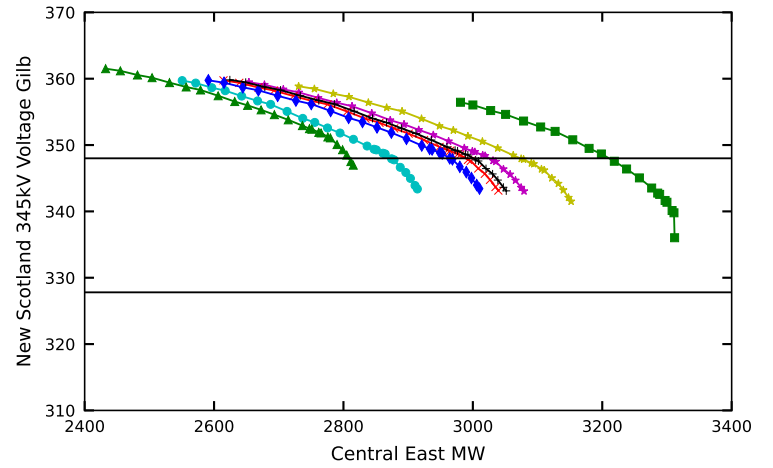
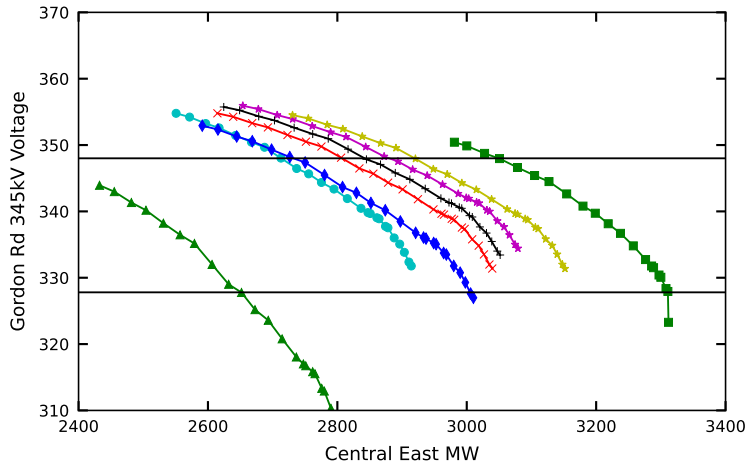
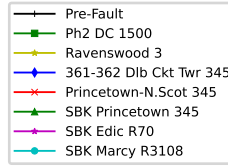
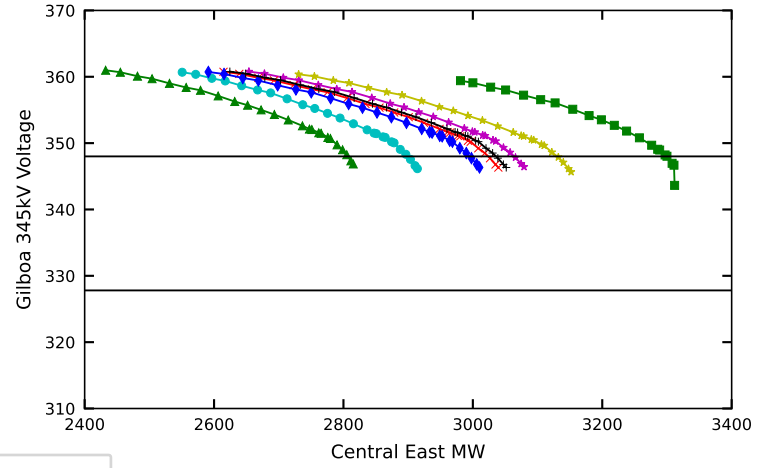
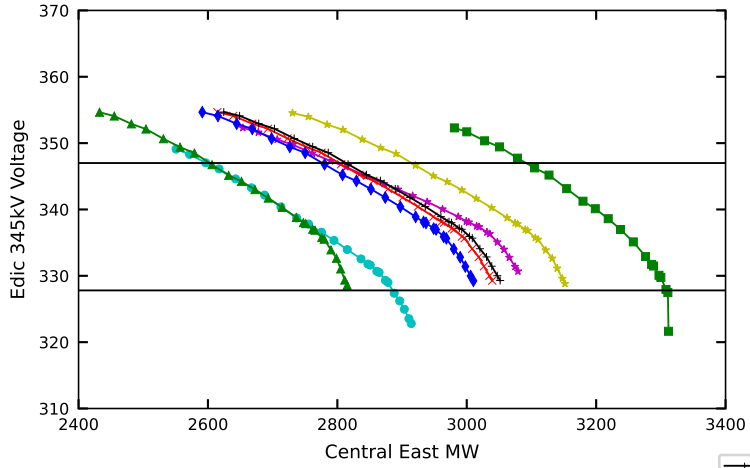
1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP Figure 2



1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 θ E_CAP Figure 1



1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\0E_CAP\Sum2023_CEVC_PH2_5O_0E_CAP.xlsx

1: 2023S CEVC PH2 CE2620 MS2270 DE1420 5O 0E_CAP

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2624	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2648	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2678	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2702	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2733	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2761	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2785	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2816	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2844	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2866	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2889	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2912	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2935	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2960	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2972	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
2976	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
2988	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7															
2992	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8															
3004	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9															
3008	t2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	0															
3020	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
3030	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	2															
3038	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	3															
3047	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	4															
3051	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-20-2023 10:50

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 5O 0E_CAP

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\0E_CAP\Sum2023_CEVC_PH2_5O_0E_CAP.xlsx

1: 2023S CEVC PH2 CE2620 MS2270 DE1420 5O 0E_CAP

Interface: Central East

Dlb Ckt																										
Twr 345																										
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ravens																										
wood 3																										
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2
Ph2 DC																										
1500																										

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2798	Marcy 345kV Voltage	Pre-Fault	17.4	NA	348	2798
2812	limit with 5% margin	Marcy South N.	NA	NA	NA	3589
2813	Edic 345kV Voltage	Pre-Fault	17.6	NA	347	2813
2842	Gordon Rd 345kV Voltage	Pre-Fault	18.5	NA	348	2842
2859	Millwood 345kV Voltage	Pre-Fault	125.9	NA	348	2859
2866	Gordon Rd 345kV Voltage	SBK Princetown 345	17.5	327.8	347.1	2651
2869	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3146
2886	limit with 5% margin	Marcy South S.	NA	NA	NA	3390
2894	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2095
2894	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2030
2894	limit with 5% margin	SBK Edic R945	NA	NA	NA	2095
2897	Gordon Rd 345kV Voltage	Marcy South N.	10.7	327.8	345.5	3747
2899	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2856
2899	limit with 5% margin	Volney-Marcy	NA	NA	NA	2832
2899	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2768
2899	limit with 5% margin	SBK Edic R70	NA	NA	NA	2925
2899	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2674
2899	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2887
2899	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2859
2899	limit with 5% margin	Ravenswood 3	NA	NA	NA	2994
2924	Edic 345kV Voltage	Marcy South N.	8.9	327.8	341.1	3762
2927	Marcy 345kV Voltage	Marcy South N.	8.9	327.8	341.0	3764
2943 >E	Dunwoodie 345kV Voltage	Pre-Fault	14.5	NA	348	2943
2944 >E	Sprain Brook 345kV Voltage	Pre-Fault	14.6	NA	348	2944
2953	Buchanan North 345kV Voltage	Pre-Fault	70.7	NA	346	2953
2966	Gordon Rd 345kV Voltage	Marcy South S.	10.4	327.8	341.7	3532
2995 >E	Oakdale 345kV Voltage	Marcy South N.	8.0	320	344.7	3791
3000	New Scotland 345kV Voltage Alps	Pre-Fault	16.1	NA	348	3000
3000	New Scotland 345kV Voltage Gilb	Pre-Fault	16.1	NA	348	3000
3005	Edic 345kV Voltage	Ph2 DC 1500	8.8	327.8	335.9	3308
3007	Marcy 345kV Voltage	Ph2 DC 1500	8.8	327.8	335.8	3310
3008	Marcy 345kV Voltage	Edic-Gordon Rd. 345	9.8	327.8	335.7	2187
3008	Marcy 345kV Voltage	SBK Edic R945	11.1	327.8	335.7	2187
3008	Gordon Rd 345kV Voltage	Ph2 DC 1500	2.5	327.8	339.1	3310
3011	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.0	327.8	335.3	2189
3011	Edic 345kV Voltage	SBK Edic R945	5.0	327.8	335.3	2189
3014	Edic 345kV Voltage	Marcy-N.Scot99 345	5.2	327.8	334.8	2128
3017	Edic 345kV Voltage	SBK Marcy R3108	7.2	327.8	334.5	2885
3020	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.1	327.8	334.1	2131
3023	Rock Tavern 345kV Voltage	Pre-Fault	19.8	NA	348	3023

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3026	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	5.7	327.8	339.7	2197
3026	Coopers Corners 345kV Voltage	SBK Edic R945	5.7	327.8	339.7	2197
3028	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	339.5	2134
3029	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.7	327.8	336.8	2134
3030	Edic 345kV Voltage	Marcy South S.	6.0	327.8	332.9	3567
3031	Marcy 345kV Voltage	Marcy South S.	4.2	327.8	332.6	3567
3034 >E	Ramapo 500kV Voltage	Ph2 DC 1500	11.6	500	507.6	3313
3035	Pleasant Valley 345kV Voltage	Pre-Fault	19.7	NA	348	3035
3035	Gilboa 345kV Voltage	Pre-Fault	10.5	NA	348	3035
3038	New Scotland 345kV Voltage Alps	Marcy South S.	4.3	327.8	344.7	3568
3038	New Scotland 345kV Voltage Gilb	Marcy South S.	4.3	327.8	344.7	3568
3040	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.5	327.8	338.1	2204
3040	Fraser 345kV Voltage	SBK Edic R945	2.5	327.8	338.0	2204
3040 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	3.0	327.8	338.0	3313
3040	Fraser 345kV Voltage	Pre-Fault	5.3	NA	338	3040
3041	Coopers Corners 345kV Voltage	Pre-Fault	7.0	NA	338	3041
3041	Fraser 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	337.9	2137
3041 >E	Fraser 345kV Voltage	Ph2 DC 1500	2.4	327.8	337.9	3313
3042	Station 80 345kV Voltage	Pre-Fault	14.3	NA	346	3042
3043	Edic 345kV Voltage	Volney-Marcy	5.5	327.8	330.6	2974
3044	Marcy 345kV Voltage	Volney-Marcy	5.4	327.8	330.4	2975
3044	Buchanan South 345kV Voltage	Pre-Fault	20.3	NA	346	3044
3045 >E	New Scotland 345kV Voltage Alps	Marcy South N.	10.8	327.8	346.0	3811
3045 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	10.8	327.8	346.0	3811
3046 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	3.1	327.8	343.9	3313
3046 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	3.1	327.8	343.9	3313
3046	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	334.2	3005
3048	Pannell Road 345kV Voltage	Pre-Fault	11.9	NA	346	3048
3050 >E	Oakdale 345kV Voltage	Ph2 DC 1500	2.5	320	336.4	3314
3051 >E	Oakdale 345kV Voltage	Pre-Fault	3.9	NA	335	3051
3053 >E	Oakdale 345kV Voltage	SBK Edic R945	2.4	320	334.6	2206
3053 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.4	320	334.6	2206
3055 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.6	320	334.2	2138
3056 >E	Edic 345kV Voltage	SBK Princetown 345	5.7	327.8	328.6	2818
3056 >E	Marcy 345kV Voltage	SBK Princetown 345	5.6	327.8	328.4	2819
3056 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	5.3	218.5	228.0	3314
3057 >E	Edic 345kV Voltage	Ravenswood 3	5.6	327.8	328.4	3156
3058 >E	Marcy 345kV Voltage	Ravenswood 3	5.6	327.8	328.2	3157
3060 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	6.0	327.8	327.8	3018

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3060 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	327.8	3016
3060 >E	Marcy 345kV Voltage	SBK Marcy R3108	6.0	327.8	327.8	2921
3060 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	6.0	327.8	327.8	3048
3060 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	6.0	327.8	327.8	3018
3060 >E	Marcy 345kV Voltage	SBK Edic R70	6.0	327.8	327.8	3088
3060 >E	Edic 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	327.8	3016
3060 >E	Edic 345kV Voltage	Princetown-N.Scot 345	6.0	327.8	327.8	3048
3061 >E	Clay 345kV Voltage	Pre-Fault	8.3	NA	345	3061
3067 >E	Clay 345kV Voltage	Ph2 DC 1500	3.4	327.8	345.5	3315
3067 >E	Gilboa 345kV Voltage	Marcy South S.	4.5	327.8	345.0	3571
3069 >E	Edic 345kV Voltage	SBK Edic R70	6.3	327.8	326.3	3097
3072 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	330.7	3028
3076 >E	Gordon Rd 345kV Voltage	Ravenswood 3	7.0	327.8	330.1	3174
3077 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	7.3	327.8	329.9	3065
3080 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	7.4	327.8	329.5	2938
3081 >E	Gilboa 345kV Voltage	Ph2 DC 1500	3.9	327.8	344.1	3316
3084 >E	Clay 345kV Voltage	SBK Edic R945	3.5	327.8	342.5	2212
3084 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.5	327.8	342.5	2212
3086 >E	Coopers Corners 345kV Voltage	Ravenswood 3	7.2	327.8	332.2	3183
3087 >E	Ramapo 345kV Voltage	Pre-Fault	20.8	NA	346	3087
3092 >E	Gordon Rd 345kV Voltage	Volney-Marcy	7.3	327.8	328.0	3017
3093 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.9	320	324.3	2949
3094 >E	Clay 345kV Voltage	Marcy South N.	11.9	327.8	347.7	3829
3094 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	341.4	2139
3098 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	327.8	3054
3098 >E	Fraser 345kV Voltage	Volney-Marcy	5.7	327.8	327.8	3023
3098 >E	Fraser 345kV Voltage	SBK Edic R70	5.7	327.8	327.8	3127
3098 >E	Fraser 345kV Voltage	SBK Princetown 345	5.7	327.8	327.8	2854
3098 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	5.7	327.8	327.8	3085
3098 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	327.8	3056
3098 >E	Fraser 345kV Voltage	Ravenswood 3	5.7	327.8	327.8	3194
3098 >E	Fraser 345kV Voltage	SBK Marcy R3108	5.7	327.8	327.8	2953
3099 >E	Oakdale 345kV Voltage	Volney-Marcy	3.8	320	322.7	3024
3100 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	7.1	327.8	330.3	2856
3102 >E	Gordon Rd 345kV Voltage	SBK Edic R70	7.6	327.8	326.7	3130
3102 >E	Oakdale 345kV Voltage	Ravenswood 3	3.8	320	322.1	3197
3103 >E	Gilboa 345kV Voltage	SBK Edic R945	4.3	327.8	340.6	2215
3103 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	340.6	2215
3103 >E	Fraser 345kV Voltage	Marcy South S.	6.1	327.8	327.8	3575

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3104 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.9	320	321.6	2859
3106 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	5.9	327.8	343.1	3318
3108 >E	Coopers Corners 345kV Voltage	SBK Edic R70	7.4	327.8	329.4	3137
3108 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	4.6	327.8	340.0	2140
3108 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	5.1	327.8	341.6	3319
3109 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	320	320.2	3067
3109 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.9	320	320.2	3066
3109 >E	Ladentown 345kV Voltage	Pre-Fault	19.2	NA	346	3109
3110 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.9	320	320.1	3097
3110 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	7.3	327.8	329.1	3067
3112 >E	Oakdale 345kV Voltage	SBK Edic R70	4.0	320	319.7	3140
3112 >E	Gordon Rd 345kV Voltage	SBK Edic R945	4.8	327.8	323.0	2217
3112 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	4.9	327.8	323.0	2216
3114 >E	Leeds 345kV Voltage	Marcy South S.	5.4	327.8	348.0	3576
3114 >E	St.Lawrence 230kV Voltage	SBK Edic R945	9.0	218.5	225.8	2217
3114 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	9.1	218.5	225.8	2217
3116 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	7.7	327.8	328.4	3073
3117 >E	Ramapo 500kV Voltage	Ravenswood 3	29.6	500	505.4	3211
3117 >E	Ramapo 500kV Voltage	SBK Edic R945	17.9	500	506.0	2218
3117 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	18.0	500	506.0	2217
3119 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	18.9	500	506.0	2140
3119 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	7.8	327.8	328.0	3106
3119 >E	Leeds 345kV Voltage	Ph2 DC 1500	4.3	327.8	348.3	3320
3119 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	7.5	327.8	335.8	3320
3120 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	7.3	327.8	338.6	3320
3120 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	7.5	327.8	335.9	3320
3120 >E	Station 80 345kV Voltage	Ph2 DC 1500	7.0	327.8	342.2	3320
3123 >E	Pannell Road 345kV Voltage	SBK Edic R945	5.6	327.8	339.8	2219
3124 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	5.7	327.8	339.8	2218
3124 >E	Coopers Corners 345kV Voltage	Volney-Marcy	8.0	327.8	327.3	3047
3125 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	5.5	327.8	333.8	2219
3125 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	5.5	327.8	333.8	2219
3125 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	5.5	327.8	333.7	2219
3125 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	5.5	327.8	333.7	2219
3129 >E	Millwood 345kV Voltage	Ph2 DC 1500	7.1	327.8	338.3	3320
3132 >E	Leeds 345kV Voltage	Pre-Fault	11.0	NA	345	3132
3132 >E	Oakdale 345kV Voltage	Marcy South S.	5.0	320	319.4	3578
3134 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	6.0	327.8	332.5	2141
3134 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	6.0	327.8	332.5	2141

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3135 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	6.4	327.8	342.2	3321
3136 >E	St.Lawrence 230kV Voltage	Pre-Fault	29.7	NA	225	3136
3138 >E	Rock Tavern 345kV Voltage	SBK Edic R945	6.9	327.8	339.9	2221
3138 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	7.1	327.8	339.7	3321
3138 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	338.6	2141
3138 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	6.9	327.8	339.9	2221
3139 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	7.4	327.8	332.3	3097
3139 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	7.4	327.8	332.3	3097
3140 >E	Bowline 2 345kV Voltage	Pre-Fault	14.7	NA	345	3140
3142 >E	Roseton 345kV Voltage	Pre-Fault	18.3	NA	345	3142
3143 >E	Station 80 345kV Voltage	SBK Edic R945	6.8	327.8	339.0	2222
3144 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	338.9	2222
3144 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	7.3	327.8	339.4	2141
3151 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	12.8	218.5	224.6	2141
3153 >E	Ramapo 345kV Voltage	Ph2 DC 1500	7.3	327.8	342.0	3322
3154 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	9.3	327.8	323.5	2999
3158 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	7.8	327.8	330.1	3248
3158 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	7.8	327.8	330.1	3248
3160 >E	Clay 345kV Voltage	Marcy South S.	7.1	327.8	334.0	3581
3160 >E	Ladentown 345kV Voltage	Ph2 DC 1500	7.2	327.8	342.5	3323
3160 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	7.8	327.8	337.8	2142
3171 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	7.2	327.8	343.5	3324
3171 >E	Roseton 345kV Voltage	Ph2 DC 1500	7.1	327.8	343.6	3324
3174 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	7.2	327.8	343.8	3324
3175 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	8.1	327.8	328.0	3093
3175 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	8.1	327.8	328.0	3093
3175 >E	Dunwoodie 345kV Voltage	Ravenswood 3	18.6	327.8	336.0	3264
3176 >E	Clay 345kV Voltage	SBK Marcy R3108	8.4	327.8	331.2	3017
3176 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	8.1	327.8	327.8	3163
3176 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	8.1	327.8	327.8	3163
3176 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	8.2	327.8	327.8	3207
3176 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	8.2	327.8	327.8	3207
3176 >E	Pleasant Valley 345kV Voltage	Marcy South S.	10.2	327.8	340.8	3583
3177 >E	Sprain Brook 345kV Voltage	Ravenswood 3	18.6	327.8	336.0	3266
3178 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	8.1	327.8	327.6	3135
3178 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	8.1	327.8	327.6	3135
3181 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	8.4	327.8	327.2	3021
3181 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	8.4	327.8	327.2	3021
3182 >E	Clay 345kV Voltage	Volney-Marcy	7.9	327.8	330.4	3099

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3186 >E	Bowline 1 345kV Voltage	Pre-Fault	23.7	NA	345	3186
3189 >E	Clay 345kV Voltage	Ravenswood 3	7.8	327.8	329.6	3276
3192 >E	Clay 345kV Voltage	SBK Princetown 345	7.9	327.8	329.3	2933
3197 >E	St.Lawrence 230kV Voltage	Marcy South S.	16.9	218.5	220.5	3585
3200 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	18.7	218.5	222.9	3037
3203 >E	Clay 345kV Voltage	N.Scot-Leeds 345	8.3	327.8	327.9	3161
3203 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	8.3	327.8	327.9	3159
3204 >E	Clay 345kV Voltage	Princetown-N.Scot 345	8.3	327.8	327.8	3190
3207 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	8.1	327.8	324.0	2946
3207 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	8.1	327.8	324.0	2946
3210 >E	Buchanan North 345kV Voltage	Ravenswood 3	17.2	327.8	335.5	3295
3211 >E	Clay 345kV Voltage	SBK Edic R70	8.6	327.8	327.0	3242
3212 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	9.2	327.8	329.5	3170
3214 >E	Buchanan North 345kV Voltage	SBK Edic R945	12.5	327.8	335.6	2235
3214 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	12.6	327.8	335.6	2234
3218 >E	Gilboa 345kV Voltage	Ravenswood 3	9.3	327.8	328.8	3303
3220 >E	Millwood 345kV Voltage	Ravenswood 3	17.4	327.8	335.8	3304
3221 >E	Pannell Road 345kV Voltage	Marcy South N.	18.7	327.8	343.5	3879
3224 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	13.1	327.8	335.1	2144
3224 >E	Rock Tavern 345kV Voltage	Ravenswood 3	12.3	327.8	333.9	3308
3226 >E	Gilboa 345kV Voltage	SBK Marcy R3108	9.5	327.8	328.0	3059
3227 >E	Gilboa 345kV Voltage	Volney-Marcy	9.5	327.8	327.9	3139
3227 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	9.5	327.8	327.9	3183
3227 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	9.5	327.8	327.8	3214
3229 >E	Gilboa 345kV Voltage	SBK Edic R70	9.6	327.8	327.7	3261
3230 >E	Gilboa 345kV Voltage	SBK Princetown 345	9.4	327.8	327.5	2966
3234 >E	Fraser 345kV Voltage	Marcy South N.	14.7	327.8	327.8	3884
3238 >E	Ramapo 500kV Voltage	Marcy South S.	31.4	500	504.8	3589
3241 >E	Ramapo 345kV Voltage	SBK Edic R945	11.3	327.8	338.7	2239
3241 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	11.4	327.8	338.6	2239
3244 >E	Pannell Road 345kV Voltage	Ravenswood 3	11.3	327.8	329.5	3326
3247 >E	Buchanan South 345kV Voltage	Ravenswood 3	16.9	327.8	335.8	3329
3248 >E	Pannell Road 345kV Voltage	Volney-Marcy	11.5	327.8	329.2	3158
3250 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	12.3	327.8	329.0	3079
3252 >E	Station 80 345kV Voltage	Ravenswood 3	12.1	327.8	329.5	3334
3252 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	11.9	327.8	338.1	2145
3254 >E	Pannell Road 345kV Voltage	Marcy South S.	12.2	327.8	332.0	3591
3254 >E	Pannell Road 345kV Voltage	SBK Princetown 345	11.5	327.8	328.7	2986
3255 >E	Sprain Brook 345kV Voltage	SBK Edic R945	15.7	327.8	332.5	2242

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3255 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	15.8	327.8	332.5	2241
3256 >E	Dunwoodie 345kV Voltage	SBK Edic R945	15.9	327.8	332.4	2242
3257 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	16.0	327.8	332.4	2241
3258 >E	Station 80 345kV Voltage	Marcy South N.	20.2	327.8	341.3	3893
3260 >E	Millwood 345kV Voltage	SBK Edic R945	13.8	327.8	333.7	2243
3260 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	13.8	327.8	333.7	2242
3260 >E	Station 80 345kV Voltage	Volney-Marcy	12.3	327.8	328.9	3169
3260 >E	Buchanan South 345kV Voltage	SBK Edic R945	13.0	327.8	335.3	2243
3261 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	13.0	327.8	335.3	2242
3262 >E	Watercure 230kV Voltage	Ph2 DC 1500	11.7	207	233.3	3331
3262 >E	Ramapo 500kV Voltage	SBK Princetown 345	30.5	500	501.3	2993
3262 >E	St.Lawrence 230kV Voltage	Volney-Marcy	24.8	218.5	220.7	3171
3264 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	11.9	327.8	327.9	3223
3265 >E	Station 80 345kV Voltage	SBK Princetown 345	12.3	327.8	328.5	2995
3265 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	11.9	327.8	327.8	3219
3265 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	11.9	327.8	327.8	3251
3266 >E	Station 80 345kV Voltage	SBK Marcy R3108	13.1	327.8	328.4	3091
3266 >E	Ladentown 345kV Voltage	SBK Edic R945	11.7	327.8	338.6	2244
3266 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	11.7	327.8	338.5	2243
3267 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	16.4	327.8	332.0	2146
3268 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	30.7	500	501.1	3227
3269 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	16.6	327.8	331.9	2146
3269 >E	Pannell Road 345kV Voltage	SBK Edic R70	12.1	327.8	327.4	3302
3272 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	14.4	327.8	333.1	2146
3272 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	12.3	327.8	330.4	3002
3273 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	12.6	327.8	327.8	3232
3273 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	13.6	327.8	334.7	2146
3273 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	12.7	327.8	327.8	3259
3273 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	12.7	327.8	327.8	3228
3274 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	12.3	327.8	330.3	3234
3276 >E	Station 80 345kV Voltage	SBK Edic R70	12.9	327.8	327.6	3309
3278 >E	Rock Tavern 345kV Voltage	SBK Edic R70	12.6	327.8	330.0	3311
3278 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	12.2	327.8	337.9	2146
3281 >E	Dunwoodie 345kV Voltage	Marcy South S.	18.0	327.8	333.0	3594
3282 >E	Sprain Brook 345kV Voltage	Marcy South S.	17.9	327.8	333.0	3594
3282 >E	Bowline 2 345kV Voltage	Ravenswood 3	13.1	327.8	335.3	3361
3283 >E	Bowline 1 345kV Voltage	SBK Edic R945	11.6	327.8	339.3	2247
3283 >E	Ramapo 500kV Voltage	SBK Edic R70	32.1	500	500.6	3316
3284 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	11.6	327.8	339.3	2246

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3284 >E	Roseton 345kV Voltage	SBK Edic R945	11.4	327.8	336.0	2247
3285 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	11.4	327.8	336.0	2246
3285 >E	Millwood 345kV Voltage	Marcy South S.	15.7	327.8	334.3	3594
3287 >E	St.Lawrence 230kV Voltage	Ravenswood 3	26.4	218.5	219.9	3365
3288 >E	Bowline 2 345kV Voltage	SBK Edic R945	11.6	327.8	339.5	2248
3288 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	11.6	327.8	339.4	2247
3291 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	15.2	327.8	332.4	3369
3291 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	33.2	500	500.4	3246
3293 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	12.6	327.8	331.7	2249
3294 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	12.6	327.8	331.6	2248
3295 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	13.3	327.8	328.8	3249
3296 >E	Station 80 345kV Voltage	Marcy South S.	14.6	327.8	331.2	3595
3296 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	11.9	327.8	335.3	2147
3297 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	12.2	327.8	338.6	2147
3297 >E	Ramapo 500kV Voltage	Volney-Marcy	34.5	500	500.2	3203
3301 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	34.3	500	500.1	3287
3301 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	12.1	327.8	338.8	2147
3305 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	13.8	327.8	328.1	3290
3306 >E	Ramapo 500kV Voltage	Pre-Fault	34.7	NA	500	3306
3307 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	13.1	327.8	330.8	2147
3309 >E	Somerset 345kV Voltage	Ph2 DC 1500	13.4	327.8	345.3	3335
3310 >E	Ladentown 345kV Voltage	Ravenswood 3	16.5	327.8	335.6	3386
3314 >E	Ramapo 345kV Voltage	Ravenswood 3	17.7	327.8	335.1	3390
3317 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	28.3	218.5	218.9	3039
3322 >E	Leeds 345kV Voltage	Volney-Marcy	11.0	327.8	327.8	3225
3322 >E	Leeds 345kV Voltage	SBK Marcy R3108	11.0	327.8	327.8	3138
3322 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	11.0	327.8	327.8	3307
3322 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	11.0	327.8	327.8	3275
3322 >E	Leeds 345kV Voltage	Ravenswood 3	11.0	327.8	327.8	3397
3322 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	11.0	327.8	327.8	3281
3322 >E	Leeds 345kV Voltage	SBK Edic R70	11.0	327.8	327.8	3355
3322 >E	Leeds 345kV Voltage	SBK Princetown 345	11.0	327.8	327.8	3043
3323 >E	Rock Tavern 345kV Voltage	Volney-Marcy	14.5	327.8	326.8	3226
3325 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	11.2	327.8	327.8	2253
3325 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	11.2	327.8	327.8	2148
3325 >E	Leeds 345kV Voltage	SBK Edic R945	11.2	327.8	327.8	2254
3327 >E	Gilboa 345kV Voltage	Marcy South N.	17.7	327.8	338.3	3920
3329 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	29.7	218.5	218.5	3315

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3331 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	29.8	218.5	218.4	3284
3331 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	29.8	218.5	218.4	3291
3335 >E	St.Lawrence 230kV Voltage	Marcy South N.	38.3	218.5	223.8	3923
3335 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	18.7	327.8	329.3	3295
3336 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	21.0	327.8	328.9	3296
3338 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	21.0	327.8	328.9	3298
3338 >E	Ramapo 500kV Voltage	SBK Marcy R3108	40.0	500	499.1	3152
3340 >E	St.Lawrence 230kV Voltage	SBK Edic R70	31.0	218.5	218.1	3374
3342 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	15.5	327.8	329.2	3302
3342 >E	Buchanan North 345kV Voltage	SBK Princetown 345	18.9	327.8	329.0	3061
3344 >E	Buchanan North 345kV Voltage	SBK Edic R70	19.2	327.8	328.9	3378
3344 >E	Dunwoodie 345kV Voltage	SBK Edic R70	21.5	327.8	328.5	3378
3346 >E	Sprain Brook 345kV Voltage	SBK Edic R70	21.5	327.8	328.5	3381
3348 >E	Buchanan South 345kV Voltage	Marcy South S.	16.8	327.8	333.5	3601
3348 >E	Somerset 345kV Voltage	SBK Edic R945	13.4	327.8	341.4	2259
3350 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	13.5	327.8	341.3	2257
3351 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	21.4	327.8	328.2	3068
3352 >E	Roseton 345kV Voltage	Marcy South S.	14.6	327.8	337.4	3601
3353 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	21.4	327.8	328.3	3069
3354 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	22.0	327.8	328.1	3307
3356 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	19.1	327.8	329.2	3316
3356 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	15.9	327.8	328.4	3390
3356 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	19.8	327.8	328.3	3309
3357 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	22.1	327.8	328.1	3310
3358 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	22.4	327.8	327.9	3343
3361 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	22.4	327.8	327.9	3346
3362 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	16.1	327.8	328.0	3315
3363 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	20.2	327.8	328.0	3348
3364 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	16.2	327.8	327.9	3349
3365 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	329.6	3326
3366 >E	Millwood 345kV Voltage	SBK Edic R70	19.6	327.8	328.7	3401
3367 >E	Roseton 345kV Voltage	Ravenswood 3	16.7	327.8	332.7	3438
3367 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	15.9	327.8	327.7	3082
3370 >E	Bowline 2 345kV Voltage	SBK Princetown 345	13.8	327.8	329.3	3084
3371 >E	Dunwoodie 345kV Voltage	Volney-Marcy	22.9	327.8	327.3	3269
3372 >E	Millwood 345kV Voltage	SBK Princetown 345	19.4	327.8	328.4	3086

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3372 >E	Bowline 2 345kV Voltage	SBK Edic R70	13.9	327.8	329.2	3407
3372 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	16.5	327.8	327.4	3271
3374 >E	Sprain Brook 345kV Voltage	Volney-Marcy	23.0	327.8	327.3	3272
3374 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	18.4	327.8	329.4	3335
3376 >E	Buchanan North 345kV Voltage	Volney-Marcy	20.8	327.8	327.3	3274
3377 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	20.0	327.8	328.2	3330
3380 >E	Buchanan North 345kV Voltage	Marcy South S.	19.1	327.8	330.2	3604
3382 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	20.4	327.8	327.9	3367
3382 >E	Watercure 230kV Voltage	SBK Edic R945	16.3	207	235.2	2265
3383 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	14.3	327.8	328.4	3335
3385 >E	Buchanan South 345kV Voltage	SBK Edic R70	18.8	327.8	328.9	3420
3387 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	16.5	207	235.2	2264
3387 >E	Buchanan South 345kV Voltage	SBK Princetown 345	18.6	327.8	328.8	3099
3389 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	14.6	327.8	328.0	3374
3391 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	17.5	327.8	321.9	3196
3392 >E	Bowline 1 345kV Voltage	Ravenswood 3	19.7	327.8	336.3	3461
3393 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	17.3	327.8	326.1	3197
3395 >E	Leeds 345kV Voltage	Marcy South N.	17.8	327.8	346.5	3946
3395 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	15.4	327.8	339.8	2150
3395 >E	Millwood 345kV Voltage	Volney-Marcy	20.9	327.8	327.3	3291
3396 >E	Somerset 345kV Voltage	Pre-Fault	24.8	NA	338	3396
3397 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	19.4	327.8	328.3	3349
3400 >E	Bowline 2 345kV Voltage	Volney-Marcy	14.9	327.8	327.2	3296
3404 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	19.7	327.8	327.9	3388
3407 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	25.0	327.8	325.7	3209
3411 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	25.1	327.8	325.7	3212
3417 >E	Buchanan South 345kV Voltage	Volney-Marcy	20.3	327.8	327.3	3311
3418 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	17.5	327.8	329.9	3380
3419 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	18.7	327.8	330.0	3381
3424 >E	Ramapo 345kV Voltage	SBK Princetown 345	18.9	327.8	329.8	3130
3425 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	17.0	327.8	329.6	3386
3426 >E	Ladentown 345kV Voltage	SBK Princetown 345	17.7	327.8	329.5	3131
3429 >E	Ladentown 345kV Voltage	SBK Edic R70	17.9	327.8	329.4	3465
3429 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	23.7	327.8	324.7	3227
3429 >E	Ramapo 345kV Voltage	SBK Edic R70	19.2	327.8	329.5	3465
3433 >E	Roseton 345kV Voltage	SBK Edic R70	17.4	327.8	329.1	3469
3435 >E	Roseton 345kV Voltage	SBK Princetown 345	17.2	327.8	329.1	3139
3437 >E	Millwood 345kV Voltage	SBK Marcy R3108	23.0	327.8	325.2	3234

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3444 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	16.5	327.8	324.2	3240
3445 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	18.6	327.8	328.5	3396
3447 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	17.9	327.8	328.4	3398
3448 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	20.0	327.8	328.6	3400
3454 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	18.2	327.8	328.0	3438
3455 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	19.0	327.8	328.0	3439
3460 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	20.5	327.8	328.0	3444
3467 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	20.3	207	235.9	2153
3467 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	22.6	327.8	324.8	3258
3469 >E	Roseton 345kV Voltage	Volney-Marcy	18.7	327.8	327.1	3358
3471 >E	Ladentown 345kV Voltage	Volney-Marcy	19.6	327.8	327.2	3359
3479 >E	Ramapo 345kV Voltage	Volney-Marcy	21.3	327.8	327.1	3367
3510 >E	Ladentown 345kV Voltage	Marcy South S.	19.6	327.8	331.0	3618
3518 >E	Roseton 345kV Voltage	SBK Marcy R3108	20.6	327.8	324.5	3300
3531 >E	Ramapo 345kV Voltage	Marcy South S.	20.8	327.8	328.8	3620
3531 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	21.2	327.8	330.5	3494
3541 >E	Ladentown 345kV Voltage	SBK Marcy R3108	22.5	327.8	323.5	3319
3542 >E	Bowline 1 345kV Voltage	SBK Princeton 345	21.5	327.8	330.0	3229
3547 >E	Bowline 1 345kV Voltage	SBK Edic R70	21.8	327.8	329.8	3585
3550 >E	Bowline 1 345kV Voltage	Marcy South S.	19.9	327.8	331.4	3622
3557 >E	Bowline 2 345kV Voltage	Marcy South S.	19.8	327.8	331.5	3623
3564 >E	Ramapo 345kV Voltage	SBK Marcy R3108	25.0	327.8	323.0	3339
3572 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	22.8	327.8	328.8	3521
3578 >E	Rock Tavern 345kV Voltage	Marcy South S.	20.0	327.8	318.4	3625
3583 >E	Pleasant Valley 345kV Voltage	Marcy South N.	31.2	327.8	339.0	4019
3588 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	23.5	327.8	328.1	3571
3597 >E	Somerset 345kV Voltage	Ravenswood 3	23.5	327.8	329.9	3647
3613 >E	Bowline 1 345kV Voltage	Volney-Marcy	24.4	327.8	327.0	3488
3633 >E	Somerset 345kV Voltage	Volney-Marcy	24.3	327.8	328.5	3506
3634 >E	Somerset 345kV Voltage	SBK Princeton 345	24.3	327.8	328.4	3308
3648 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	24.8	327.8	327.8	3613
3650 >E	Somerset 345kV Voltage	Princeton-N.Scot 345	24.8	327.8	327.8	3632
3651 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	24.9	327.8	327.8	3598
3652 >E	Coopers Corners 345kV Voltage	Marcy South N.	25.2	327.8	310.2	4046
3654 >E	Somerset 345kV Voltage	SBK Edic R70	25.2	327.8	327.6	3695
3672 >E	Somerset 345kV Voltage	SBK Marcy R3108	26.1	327.8	326.9	3428

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3674 >E	Rainey 345kV Voltage	Ph2 DC 1500	25.7	327.8	341.8	3366
3689 >E	Farragut 345kV Voltage	Ph2 DC 1500	26.8	327.8	341.6	3367
3732 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	29.0	327.8	322.0	3478
3735 >E	Somerset 345kV Voltage	Marcy South S.	28.7	327.8	331.0	3642
3738 >E	Ramapo 500kV Voltage	Marcy South N.	103.4	500	506.5	4079
3767 >E	Watercure 230kV Voltage	Marcy South N.	49.9	207	236.0	4090
3833 >E	Niagara 345kV Voltage	Ph2 DC 1500	29.2	327.8	349.2	3379
3873 >E	Somerset 345kV Voltage	Marcy South N.	40.6	327.8	341.7	4131
3874 >E	Coopers Corners 345kV Voltage	Marcy South S.	22.8	327.8	241.4	3657
3923 >E	Rainey 345kV Voltage	Ravenswood 3	45.9	327.8	341.9	3943
3924 >E	Niagara 345kV Voltage	SBK Edic R945	30.5	327.8	344.5	2360
3926 >E	Dunwoodie 345kV Voltage	Marcy South N.	58.7	327.8	332.4	4152
3926 >E	Goethals 345kV Voltage	Ph2 DC 1500	36.4	327.8	341.3	3387
3928 >E	Millwood 345kV Voltage	Marcy South N.	50.9	327.8	333.5	4153
3930 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	30.7	327.8	344.4	2357
3933 >E	Sprain Brook 345kV Voltage	Marcy South N.	58.8	327.8	332.4	4155
3982 >E	Farragut 345kV Voltage	Ravenswood 3	48.5	327.8	341.2	3996
4007 >E	Roseton 345kV Voltage	Marcy South N.	41.7	327.8	336.2	4183
4021 >E	Niagara 230kV East Voltage	Ph2 DC 1500	69.4	218.5	231.0	3394
4021 >E	Niagara 230kV West Voltage	Ph2 DC 1500	69.4	218.5	231.0	3394
4036 >E	Buchanan North 345kV Voltage	Marcy South N.	55.8	327.8	330.7	4195
4064 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	35.3	327.8	342.4	2176
4071 >E	Buchanan South 345kV Voltage	Marcy South N.	52.7	327.8	332.7	4208
4110 >E	Rock Tavern 345kV Voltage	Marcy South N.	43.4	327.8	325.3	4223
4166 >E	Niagara 345kV Voltage	Pre-Fault	57.6	NA	338	4166
4219 >E	Rainey 345kV Voltage	Pre-Fault	75.4	NA	338	4219
4235 >E	Farragut 345kV Voltage	Pre-Fault	78.9	NA	338	4235
4259 >E	Niagara 230kV East Voltage	SBK Edic R945	81.5	218.5	228.2	2420
4259 >E	Niagara 230kV West Voltage	SBK Edic R945	81.5	218.5	228.2	2420
4269 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	82.1	218.5	228.2	2415
4269 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	82.1	218.5	228.2	2415
4357 >E	Ramapo 345kV Voltage	Marcy South N.	57.4	327.8	329.6	4319
4407 >E	Rainey 345kV Voltage	Marcy South S.	53.4	327.8	335.5	3713
4416 >E	Farragut 345kV Voltage	Marcy South S.	54.8	327.8	335.2	3714
4418 >E	Goethals 345kV Voltage	Ravenswood 3	66.0	327.8	340.1	4391
4430 >E	Ladentown 345kV Voltage	Marcy South N.	58.1	327.8	330.0	4347
4432 >E	Rainey 345kV Voltage	SBK Edic R945	54.3	327.8	336.0	2450
4435 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	54.4	327.8	336.0	2444
4461 >E	Farragut 345kV Voltage	SBK Edic R945	56.5	327.8	335.9	2455
4464 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	56.6	327.8	335.8	2449
4480 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	96.2	218.5	227.2	2191

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4480 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	96.2	218.5	227.2	2191
4494 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	56.6	327.8	335.2	2192
4521 >E	Bowline 1 345kV Voltage	Marcy South N.	58.0	327.8	330.2	4382
4524 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	58.9	327.8	335.1	2193
4525 >E	Niagara 230kV East Voltage	Pre-Fault	168.6	NA	225	4525
4525 >E	Niagara 230kV West Voltage	Pre-Fault	168.6	NA	225	4525
4619 >E	Niagara 345kV Voltage	Ravenswood 3	54.1	327.8	330.1	4573
4644 >E	Goethals 345kV Voltage	Pre-Fault	106.8	NA	338	4644
4701 >E	Bowline 2 345kV Voltage	Marcy South N.	63.6	327.8	328.0	4452
4717 >E	Niagara 345kV Voltage	SBK Princetown 345	56.5	327.8	328.4	4223
4720 >E	Niagara 345kV Voltage	Volney-Marcy	56.6	327.8	328.4	4486
4751 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	57.6	327.8	327.8	4733
4754 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	57.7	327.8	327.8	4727
4758 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	57.8	327.8	327.7	4685
4769 >E	Niagara 345kV Voltage	SBK Edic R70	58.4	327.8	327.5	4835
4820 >E	Gardenville 230kV Voltage	Ph2 DC 1500	66.5	207	242.7	3461
4825 >E	Watercure 230kV Voltage	Marcy South S.	67.3	207	196.2	3757
4858 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	70.5	327.8	329.5	4842
4864 >E	Niagara 345kV Voltage	SBK Marcy R3108	61.3	327.8	325.9	4415
4873 >E	Rainey 345kV Voltage	SBK Princetown 345	70.7	327.8	329.3	4355
4908 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	73.9	327.8	329.5	4893
4909 >E	Rainey 345kV Voltage	SBK Edic R70	72.4	327.8	328.8	4978
4919 >E	Farragut 345kV Voltage	SBK Princetown 345	73.9	327.8	329.3	4393
4922 >E	Goethals 345kV Voltage	Marcy South S.	75.2	327.8	334.7	3768
4940 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	73.5	327.8	328.4	4863
4960 >E	Farragut 345kV Voltage	SBK Edic R70	75.8	327.8	328.8	5030
4974 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	74.8	327.8	328.0	4945
4985 >E	Goethals 345kV Voltage	SBK Edic R945	77.6	327.8	335.6	2548
4989 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	76.8	327.8	328.4	4911
4990 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	77.8	327.8	335.5	2539
5022 >E	Rainey 345kV Voltage	Volney-Marcy	76.5	327.8	327.3	4759
5024 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	78.3	327.8	328.0	4994
5056 >E	Niagara 345kV Voltage	Marcy South S.	68.0	327.8	331.1	3782
5066 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	80.7	327.8	334.8	2213
5074 >E	Farragut 345kV Voltage	Volney-Marcy	80.0	327.8	327.4	4805
5195 >E	Rainey 345kV Voltage	SBK Marcy R3108	82.9	327.8	325.0	4690
5249 >E	Farragut 345kV Voltage	SBK Marcy R3108	86.7	327.8	325.1	4734
5385 >E	Niagara 230kV East Voltage	Ravenswood 3	155.8	218.5	219.9	5269

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5385 >E	Niagara 230kV West Voltage	Ravenswood 3	155.8	218.5	219.9	5269
5517 >E	Gardenville 230kV Voltage	SBK Edic R945	91.6	207	239.4	2642
5534 >E	Goethals 345kV Voltage	SBK Princetown 345	98.7	327.8	329.7	4913
5554 >E	Niagara 230kV East Voltage	SBK Princetown 345	164.5	218.5	218.9	4930
5554 >E	Niagara 230kV West Voltage	SBK Princetown 345	164.5	218.5	218.9	4930
5557 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	93.1	207	239.5	2637
5562 >E	Niagara 230kV East Voltage	Volney-Marcy	164.9	218.5	218.8	5246
5562 >E	Niagara 230kV West Voltage	Volney-Marcy	164.9	218.5	218.8	5246
5586 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	101.1	327.8	329.2	5581
5614 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	168.2	218.5	218.5	5610
5614 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	168.2	218.5	218.5	5610
5625 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	168.9	218.5	218.5	5589
5625 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	168.9	218.5	218.5	5589
5631 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	169.3	218.5	218.4	5541
5631 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	169.3	218.5	218.4	5541
5651 >E	Niagara 230kV East Voltage	SBK Edic R70	171.2	218.5	218.3	5737
5651 >E	Niagara 230kV West Voltage	SBK Edic R70	171.2	218.5	218.3	5737
5652 >E	Goethals 345kV Voltage	SBK Edic R70	103.7	327.8	328.6	5738
5657 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	103.8	327.8	328.5	5566
5698 >E	Niagara 345kV Voltage	Marcy South N.	95.7	327.8	344.1	4838
5710 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	105.9	327.8	328.0	5673
5761 >E	Goethals 345kV Voltage	Volney-Marcy	107.7	327.8	327.5	5425
5825 >E	Niagara 230kV East Voltage	SBK Marcy R3108	181.9	218.5	217.3	5211
5825 >E	Niagara 230kV West Voltage	SBK Marcy R3108	181.9	218.5	217.3	5211
5938 >E	Goethals 345kV Voltage	SBK Marcy R3108	114.5	327.8	325.9	5305
6127 >E	Niagara 230kV East Voltage	Marcy South S.	202.5	218.5	220.4	3895
6127 >E	Niagara 230kV West Voltage	Marcy South S.	202.5	218.5	220.4	3895
6417 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	124.7	207	241.0	2264
7172 >E	Niagara 230kV East Voltage	Marcy South N.	287.9	218.5	229.5	5409
7172 >E	Niagara 230kV West Voltage	Marcy South N.	287.9	218.5	229.5	5409
7435 >E	Northport 138kV Voltage	Pre-Fault	498.2	NA	135	7435
7936 >E	Rainey 345kV Voltage	Marcy South N.	187.6	327.8	335.9	5705
8014 >E	Farragut 345kV Voltage	Marcy South N.	194.3	327.8	335.8	5735
8125 >E	Northport 138kV Voltage	SBK Edic R945	400.2	131.1	134.4	3103
8136 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	401.0	131.1	134.4	3080
8141 >E	Northport 138kV Voltage	Ravenswood 3	410.9	131.1	133.6	7770
8324 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	415.6	131.1	134.0	2336
8858 >E	Northport 138kV Voltage	Marcy South S.	458.9	131.1	134.9	4185

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
9043 >E	Northport 138kV Voltage	N.Scot-Leeds 345	472.1	131.1	131.8	9092
9142 >E	Northport 138kV Voltage	SBK Princetown 345	479.2	131.1	131.6	7962
9154 >E	Northport 138kV Voltage	SBK Edic R70	480.8	131.1	131.5	9320
9271 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	489.7	131.1	131.3	9113
9346 >E	Northport 138kV Voltage	Princetown-N.Scot 345	495.6	131.1	131.2	9276
9483 >E	Northport 138kV Voltage	Volney-Marcy	506.1	131.1	130.9	8782
9712 >E	Goethals 345kV Voltage	Marcy South N.	262.7	327.8	336.1	6393
9948 >E	Northport 138kV Voltage	SBK Marcy R3108	542.2	131.1	130.0	8625
14907 >E	Gardenville 230kV Voltage	Ravenswood 3	426.7	207	219.7	13908
16980 >E	Gardenville 230kV Voltage	Pre-Fault	773.4	NA	217	16980
20796 >E	Gardenville 230kV Voltage	SBK Princetown 345	636.8	207	212.1	17812
21162 >E	Gardenville 230kV Voltage	Volney-Marcy	649.7	207	211.6	19316
22132 >E	Northport 138kV Voltage	Marcy South N.	1507.1	131.1	134.3	11203
23751 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	739.6	207	208.2	24028
24766 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	775.4	207	206.9	24555
24990 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	783.9	207	206.6	24535
26309 >E	Gardenville 230kV Voltage	SBK Edic R70	831.3	207	204.9	26862
34266 >E	Gardenville 230kV Voltage	SBK Marcy R3108	1122.4	207	194.6	28764
72535 >E	Gardenville 230kV Voltage	Marcy South S.	2526.2	207	261.3	10932
99998 >E	Gardenville 230kV Voltage	Marcy South N.	NA	207	NA	99998
99998 >E	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

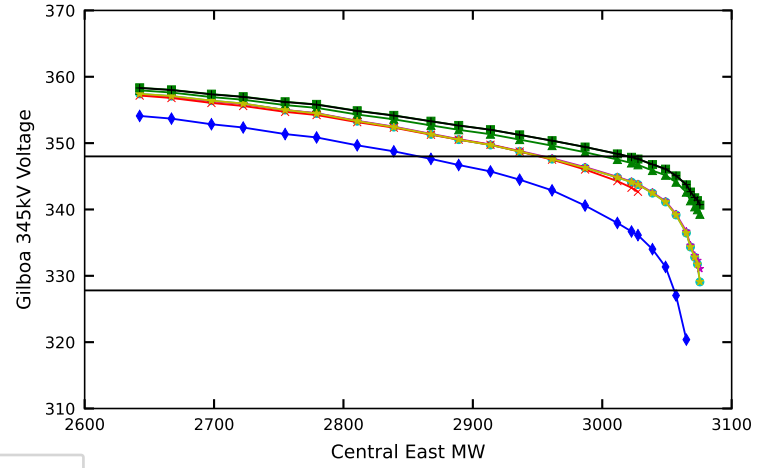
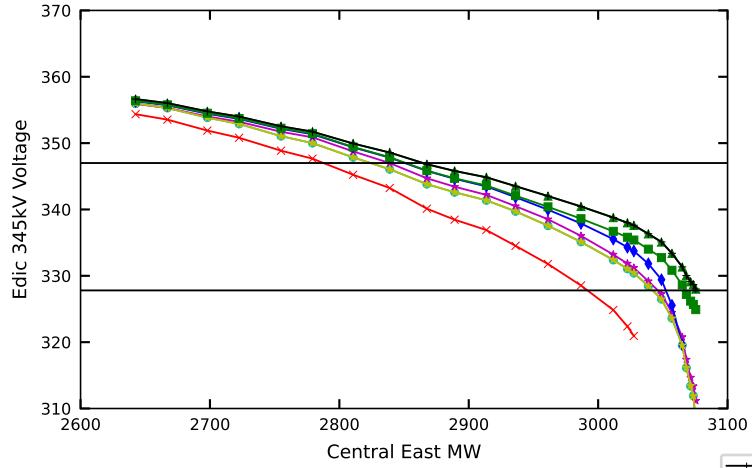
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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0E_CAP

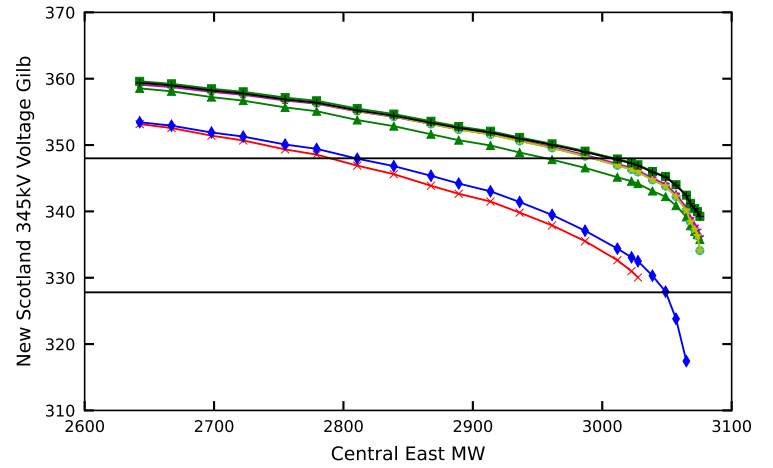
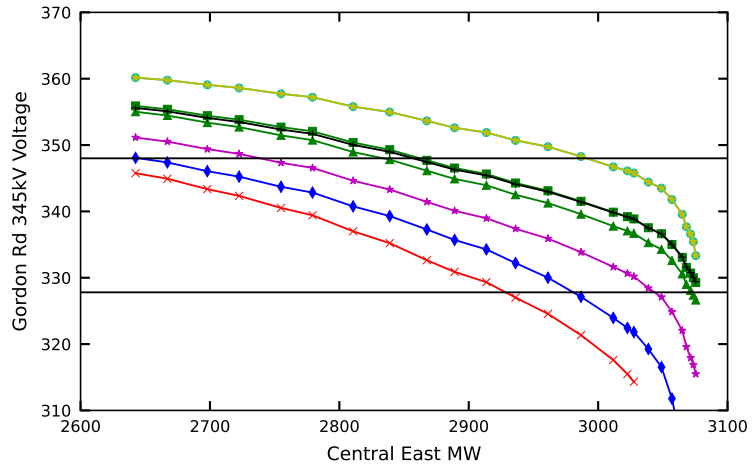
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
99998 >E	Watercure 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

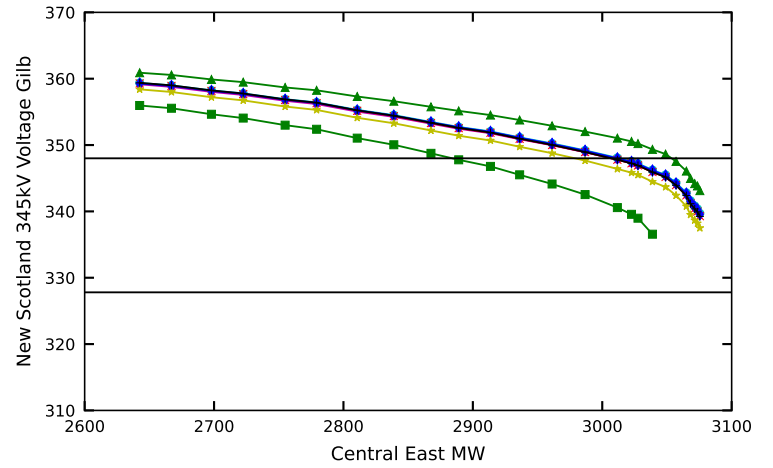
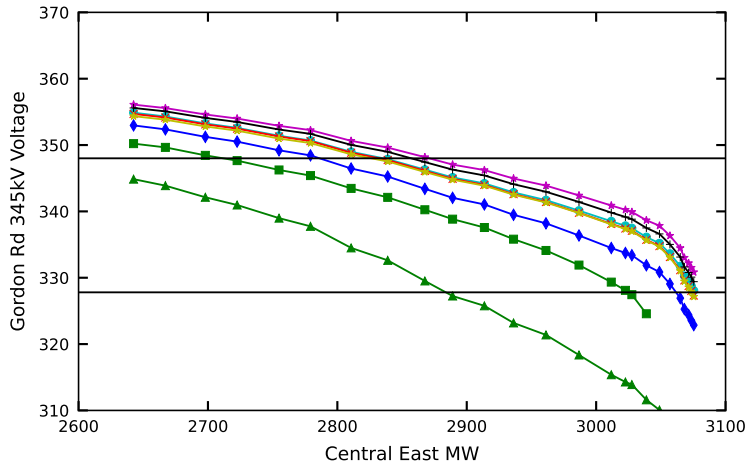
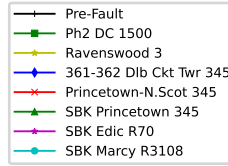
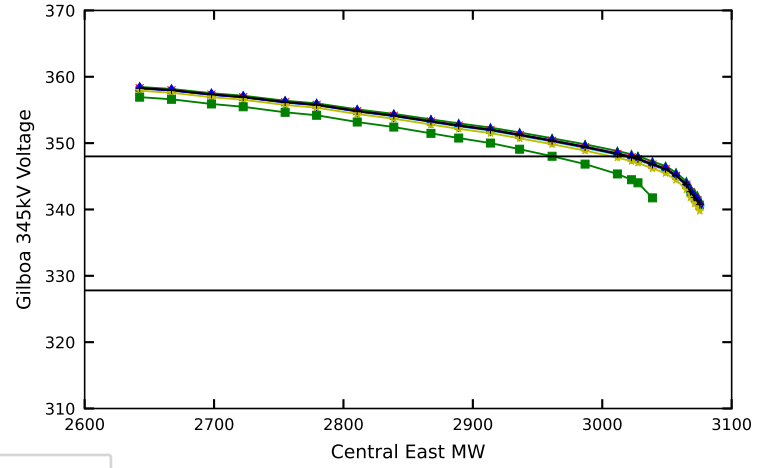
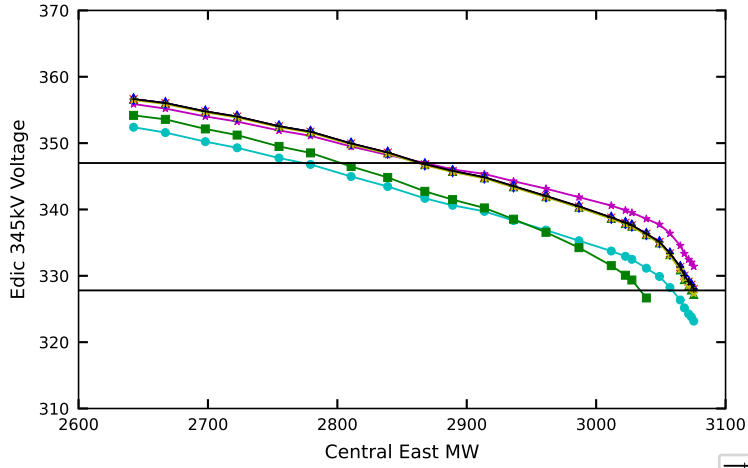
1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP Figure 1



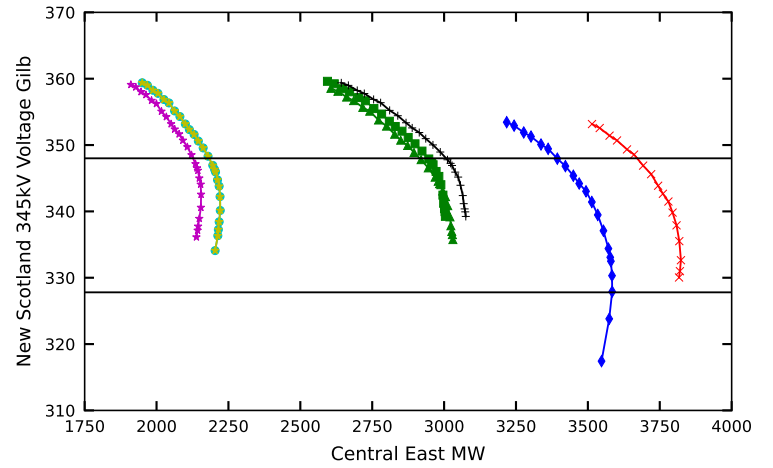
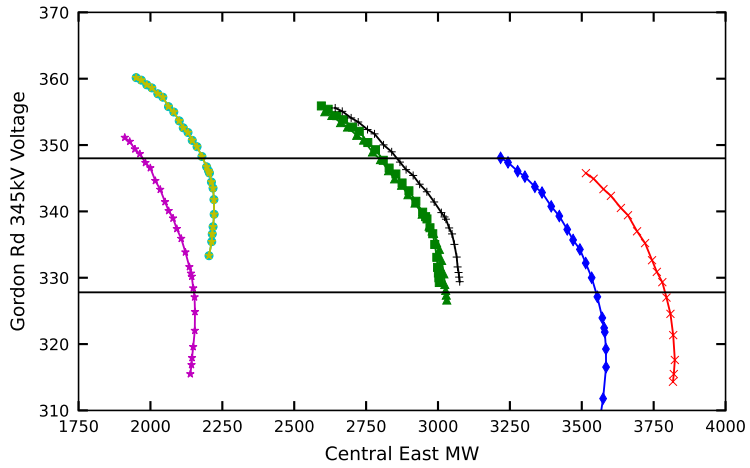
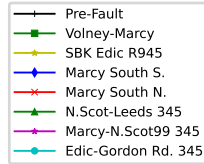
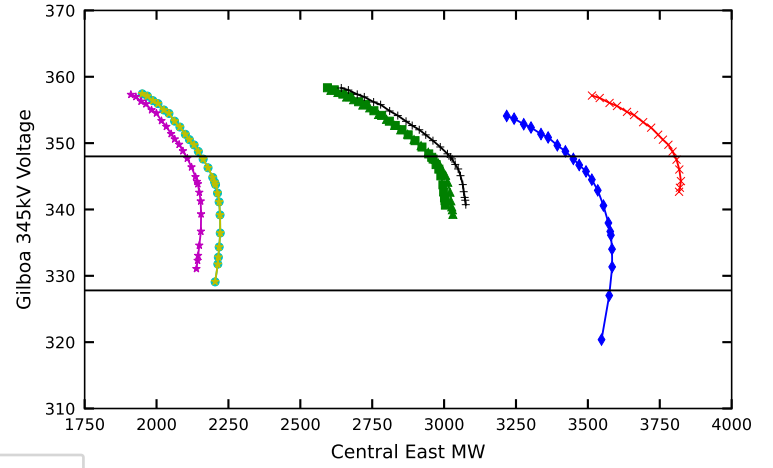
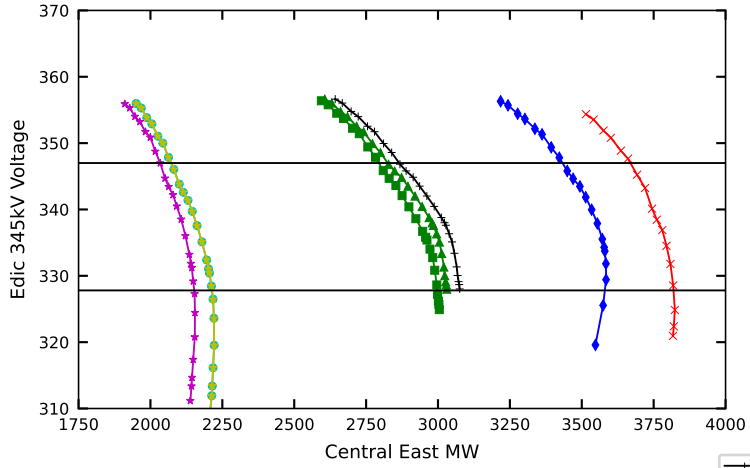
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



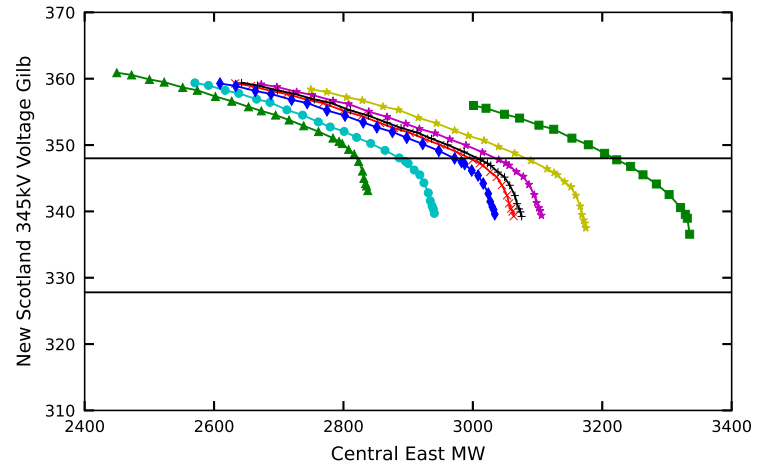
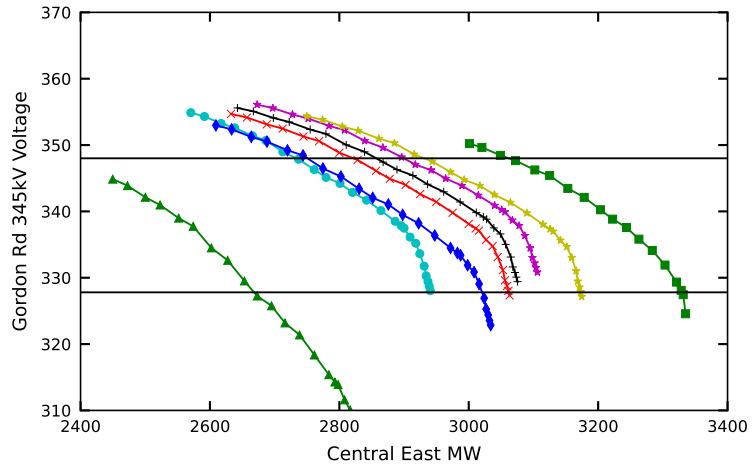
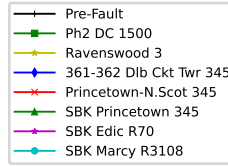
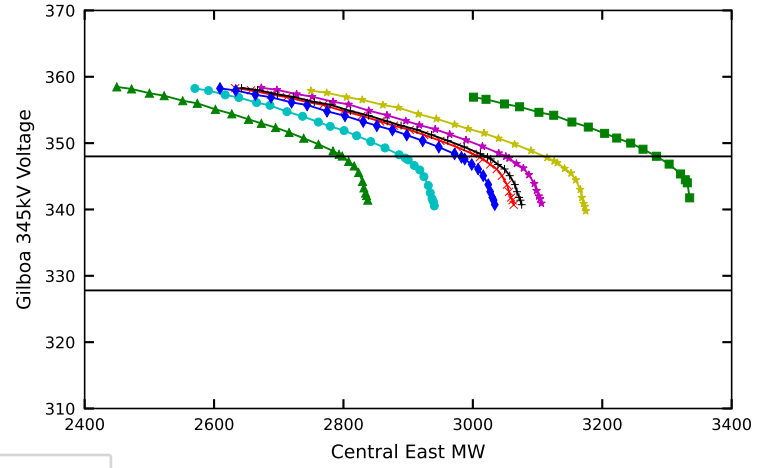
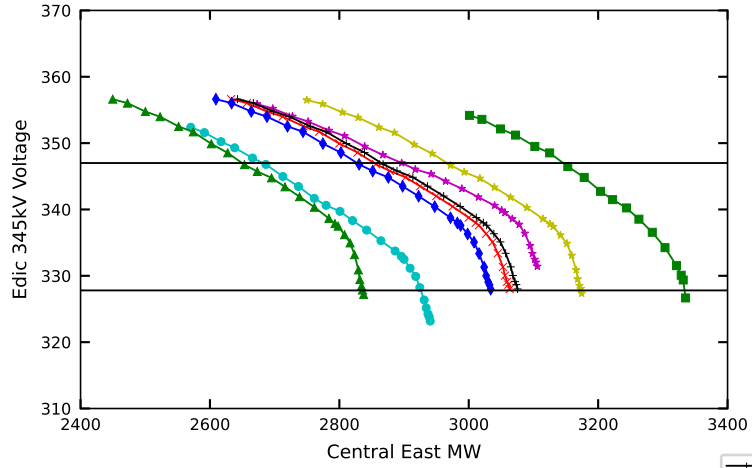
1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP Figure 2



1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP Figure 1



1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 5O 0FR_CAP

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2642	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2667	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2697	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2722	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2754	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2779	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2810	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2838	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2867	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2889	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2913	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2936	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2961	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2986	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
3011	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
3022	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
3027	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7															
3038	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
3048	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	9															
3057	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	0															
3064	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	1															
3068	t2	0	0	0	0	2	1	0	0	0	0	0	0	0	0	2
	2															
3071	t2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2
	3															
3073	t2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2
	4															
3075	t2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-20-2023 11:18

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 5O OFR_CAP

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\OFR_CAP\Sum2023_CEVC_PH2_5O_OFR_CAP.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1420 5O OFR_CAP

Interface: Central East

Dlb Ckt Twr 345 log09) Ravens wood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2841	Millwood 345kV Voltage	Pre-Fault	88.7	NA	348	2841
2848	Marcy 345kV Voltage	Pre-Fault	16.1	NA	348	2848
2857	Gordon Rd 345kV Voltage	Pre-Fault	18.6	NA	348	2857
2861	limit with 5% margin	Marcy South N.	NA	NA	NA	3632
2864	Edic 345kV Voltage	Pre-Fault	16.3	NA	347	2864
2883	Gordon Rd 345kV Voltage	SBK Princetown 345	9.4	327.8	346.6	2668
2886	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3168
2896	limit with 5% margin	Marcy South S.	NA	NA	NA	3405
2904	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2047
2911	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2110
2911	limit with 5% margin	SBK Edic R945	NA	NA	NA	2110
2921	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2879
2921	limit with 5% margin	Volney-Marcy	NA	NA	NA	2854
2921	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2793
2921	limit with 5% margin	SBK Edic R70	NA	NA	NA	2950
2921	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2695
2921	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2909
2921	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2882
2921	limit with 5% margin	Ravenswood 3	NA	NA	NA	3015
2928	Gordon Rd 345kV Voltage	Marcy South N.	9.7	327.8	344.5	3789
2942	Buchanan North 345kV Voltage	Pre-Fault	67.7	NA	346	2942
2953 >E	Dunwoodie 345kV Voltage	Pre-Fault	15.0	NA	348	2953
2954 >E	Sprain Brook 345kV Voltage	Pre-Fault	15.1	NA	348	2954
2979	Fraser 345kV Voltage	Pre-Fault	14.8	NA	338	2979
2980	Gordon Rd 345kV Voltage	Marcy South S.	8.9	327.8	341.8	3549
2991	Edic 345kV Voltage	Marcy South N.	6.8	327.8	340.1	3819
2992	Marcy 345kV Voltage	Marcy South N.	6.7	327.8	340.0	3819
2995	Oakdale 345kV Voltage	Marcy South N.	6.8	320	341.9	3819
3006	New Scotland 345kV Voltage Alps	Pre-Fault	21.4	NA	348	3006
3006	New Scotland 345kV Voltage Gilb	Pre-Fault	21.4	NA	348	3006
3019	Fraser 345kV Voltage	Edic-Gordon Rd. 345	7.2	327.8	335.0	2200
3019	Fraser 345kV Voltage	SBK Edic R945	7.2	327.8	335.0	2200
3020	Gilboa 345kV Voltage	Pre-Fault	21.7	NA	348	3020
3022	Fraser 345kV Voltage	Marcy-N.Scot99 345	7.1	327.8	334.7	2140
3024	Rock Tavern 345kV Voltage	Pre-Fault	23.1	NA	348	3024
3024	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.6	327.8	339.0	3329
3026	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	8.5	327.8	338.9	2204
3026	Coopers Corners 345kV Voltage	SBK Edic R945	8.7	327.8	338.9	2204
3028	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	338.7	2144
3034	Edic 345kV Voltage	Ph2 DC 1500	4.1	327.8	336.9	3333

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3034	Marcy 345kV Voltage	Ph2 DC 1500	4.1	327.8	336.7	3333
3036	Coopers Corners 345kV Voltage	Pre-Fault	10.4	NA	338	3036
3038	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.6	327.8	336.3	2211
3038	Marcy 345kV Voltage	SBK Edic R945	5.6	327.8	336.3	2211
3042	Edic 345kV Voltage	SBK Edic R945	5.1	327.8	335.9	2213
3042	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.1	327.8	335.9	2213
3043	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	337.1	2150
3044	Pleasant Valley 345kV Voltage	Pre-Fault	27.0	NA	348	3044
3046	Edic 345kV Voltage	Marcy-N.Scot99 345	5.3	327.8	335.4	2152
3047 >E	Fraser 345kV Voltage	Ph2 DC 1500	3.9	327.8	331.8	3338
3049 >E	New Scotland 345kV Voltage Alps	Marcy South S.	4.2	327.8	345.1	3584
3049 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	4.2	327.8	345.1	3584
3050	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.8	327.8	334.7	2153
3051	Buchanan South 345kV Voltage	Pre-Fault	15.8	NA	346	3051
3052	Oakdale 345kV Voltage	Pre-Fault	4.1	NA	335	3052
3053 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.7	327.8	345.8	3833
3053 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.7	327.8	345.8	3833
3055 >E	Ramapo 500kV Voltage	Ph2 DC 1500	15.5	500	507.2	3340
3055 >E	Edic 345kV Voltage	Marcy South S.	4.2	327.8	334.3	3584
3056 >E	Fraser 345kV Voltage	Marcy South S.	3.6	327.8	330.7	3584
3056 >E	Marcy 345kV Voltage	Marcy South S.	4.2	327.8	334.0	3584
3058	Edic 345kV Voltage	SBK Marcy R3108	4.3	327.8	332.9	2925
3059	Oakdale 345kV Voltage	SBK Edic R945	1.7	320	332.9	2221
3059	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	1.7	320	332.9	2221
3061	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	327.8	333.9	3020
3062 >E	Gilboa 345kV Voltage	Marcy South S.	3.8	327.8	345.2	3585
3062 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.7	320	332.6	2155
3062 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	4.5	327.8	335.4	3343
3062	Station 80 345kV Voltage	Pre-Fault	9.4	NA	346	3062
3065	Fraser 345kV Voltage	N.Scot-Leeds 345	2.3	327.8	327.8	3020
3065	Fraser 345kV Voltage	SBK Princetown 345	2.3	327.8	327.8	2829
3065	Fraser 345kV Voltage	Ravenswood 3	2.3	327.8	327.8	3166
3065	Fraser 345kV Voltage	Volney-Marcy	2.3	327.8	327.8	2995
3065	Fraser 345kV Voltage	SBK Marcy R3108	2.3	327.8	327.8	2931
3065	Fraser 345kV Voltage	SBK Edic R70	2.3	327.8	327.8	3094
3065	Fraser 345kV Voltage	Princetown-N.Scot 345	2.3	327.8	327.8	3052
3065	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	2.3	327.8	327.8	3023
3065	Pannell Road 345kV Voltage	Pre-Fault	6.1	NA	346	3065
3066	Edic 345kV Voltage	Volney-Marcy	2.2	327.8	330.6	2997

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3066	Marcy 345kV Voltage	Volney-Marcy	2.2	327.8	330.4	2997
3067	Ramapo 500kV Voltage	Ravenswood 3	1.8	500	505.2	3167
3068	Ramapo 345kV Voltage	Pre-Fault	6.1	NA	346	3068
3068	Coopers Corners 345kV Voltage	Ravenswood 3	3.9	327.8	331.9	3169
3072	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	2.9	327.8	330.5	3027
3073	Marcy 345kV Voltage	SBK Princetown 345	2.8	327.8	328.5	2835
3073	Gordon Rd 345kV Voltage	Ravenswood 3	2.6	327.8	330.0	3173
3073	Edic 345kV Voltage	SBK Princetown 345	2.8	327.8	328.6	2835
3073	Clay 345kV Voltage	Pre-Fault	4.1	NA	345	3073
3074	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	2.7	327.8	329.9	3061
3074	Edic 345kV Voltage	Ravenswood 3	2.6	327.8	328.4	3173
3074	Marcy 345kV Voltage	Ravenswood 3	2.6	327.8	328.2	3173
3075 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	2.8	327.8	327.8	3030
3075 >E	Marcy 345kV Voltage	SBK Marcy R3108	2.8	327.8	327.8	2940
3075 >E	Marcy 345kV Voltage	SBK Edic R70	2.8	327.8	327.8	3106
3075 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	2.8	327.8	327.8	3063
3075 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	2.8	327.8	327.8	3034
3075 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.8	327.8	327.8	3034
3075 >E	Edic 345kV Voltage	N.Scot-Leeds 345	2.8	327.8	327.8	3031
3076 >E	Edic 345kV Voltage	Princetown-N.Scot 345	2.8	327.8	327.8	3063
3076 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	2.7	327.8	329.2	2941
3077 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	3.6	327.8	329.9	2839
3079 >E	Gordon Rd 345kV Voltage	Volney-Marcy	2.6	327.8	328.0	3007
3079 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	4.6	327.8	342.3	3348
3079 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	4.6	327.8	342.3	3348
3081 >E	Coopers Corners 345kV Voltage	SBK Edic R70	3.8	327.8	328.8	3112
3082 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	328.6	3037
3083 >E	Ladentown 345kV Voltage	Pre-Fault	11.4	NA	346	3083
3083 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.6	320	333.0	3349
3083 >E	Gordon Rd 345kV Voltage	SBK Edic R70	2.8	327.8	326.3	3115
3084 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	3.8	327.8	328.2	3042
3085 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	3.8	327.8	327.9	3072
3086 >E	Edic 345kV Voltage	SBK Edic R70	3.0	327.8	324.2	3117
3086 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.1	320	323.9	2949
3086 >E	Coopers Corners 345kV Voltage	Volney-Marcy	3.7	327.8	327.5	3012
3088 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	8.4	500	504.6	2223
3088 >E	Ramapo 500kV Voltage	SBK Edic R945	8.4	500	504.6	2223
3089 >E	Leeds 345kV Voltage	Pre-Fault	3.6	NA	345	3089

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3089 >E	Oakdale 345kV Voltage	Volney-Marcy	3.0	320	322.8	3014
3090 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	339.5	2223
3090 >E	Gilboa 345kV Voltage	SBK Edic R945	2.9	327.8	339.5	2223
3092 >E	Oakdale 345kV Voltage	Ravenswood 3	3.0	320	322.0	3188
3093 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	341.9	2224
3093 >E	Clay 345kV Voltage	SBK Edic R945	2.7	327.8	341.8	2223
3093 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.1	320	321.6	2855
3095 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	2.5	327.8	331.9	3049
3095 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	2.5	327.8	331.9	3049
3096 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	3.9	327.8	324.9	2958
3098 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	3.1	320	320.2	3056
3098 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.1	320	320.2	3052
3098 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.2	320	320.1	3086
3100 >E	Roseton 345kV Voltage	Pre-Fault	9.2	NA	345	3100
3100 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	2.6	327.8	329.8	3195
3100 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	2.6	327.8	329.8	3195
3101 >E	Oakdale 345kV Voltage	SBK Edic R70	3.2	320	319.3	3133
3104 >E	Bowline 2 345kV Voltage	Pre-Fault	8.0	NA	345	3104
3104 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	339.1	2162
3105 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	2.6	327.8	328.1	3024
3105 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	2.6	327.8	328.1	3024
3106 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	2.7	327.8	327.8	3093
3106 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	2.7	327.8	327.8	3093
3106 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	329.6	3060
3107 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	2.7	327.8	327.6	3139
3107 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	2.7	327.8	327.6	3139
3107 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	323.0	2225
3107 >E	Gordon Rd 345kV Voltage	SBK Edic R945	3.6	327.8	323.0	2225
3107 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	2.7	327.8	327.5	3065
3107 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	2.7	327.8	327.5	3065
3107 >E	Gilboa 345kV Voltage	Ph2 DC 1500	4.9	327.8	341.7	3357
3108 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	2.7	327.8	327.2	2968
3108 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	2.7	327.8	327.2	2968
3108 >E	Gilboa 345kV Voltage	Ravenswood 3	2.8	327.8	329.0	3201
3110 >E	Oakdale 345kV Voltage	Marcy South S.	4.0	320	325.7	3587
3111 >E	Gilboa 345kV Voltage	Volney-Marcy	2.8	327.8	328.0	3028
3111 >E	Gilboa 345kV Voltage	SBK Marcy R3108	2.8	327.8	328.0	2971
3111 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	336.8	2225

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3111 >E	St.Lawrence 230kV Voltage	Pre-Fault	13.9	NA	225	3111
3111 >E	Rock Tavern 345kV Voltage	SBK Edic R945	4.2	327.8	336.8	2225
3111 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	2.8	327.8	327.8	3098
3111 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	2.8	327.8	327.8	3069
3112 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	3.8	327.8	333.2	2225
3112 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	3.8	327.8	333.2	2225
3112 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	3.8	327.8	333.2	2225
3112 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	3.8	327.8	333.2	2225
3112 >E	Gilboa 345kV Voltage	SBK Edic R70	2.8	327.8	327.6	3145
3112 >E	Gilboa 345kV Voltage	SBK Princetown 345	2.8	327.8	327.4	2873
3115 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	2.6	327.8	324.3	2876
3115 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	2.6	327.8	324.3	2876
3117 >E	Fraser 345kV Voltage	Marcy South N.	13.5	327.8	327.8	3847
3119 >E	Leeds 345kV Voltage	Marcy South S.	5.2	327.8	349.9	3587
3120 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.5	327.8	339.6	2165
3123 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	18.4	500	505.4	2166
3123 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	338.9	2226
3123 >E	Pannell Road 345kV Voltage	SBK Edic R945	4.3	327.8	338.9	2226
3126 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	7.9	218.5	224.4	2226
3126 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.0	218.5	224.4	2226
3127 >E	Bowline 1 345kV Voltage	Pre-Fault	14.9	NA	345	3127
3129 >E	Dunwoodie 345kV Voltage	Ravenswood 3	12.4	327.8	335.8	3218
3130 >E	Clay 345kV Voltage	Volney-Marcy	3.7	327.8	331.2	3041
3131 >E	Clay 345kV Voltage	Marcy South N.	10.5	327.8	347.4	3851
3135 >E	Ramapo 500kV Voltage	SBK Princetown 345	15.6	500	500.9	2895
3135 >E	Sprain Brook 345kV Voltage	Ravenswood 3	13.4	327.8	335.9	3223
3135 >E	Station 80 345kV Voltage	Ravenswood 3	3.9	327.8	329.7	3223
3135 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	332.5	2227
3135 >E	Buchanan North 345kV Voltage	SBK Edic R945	6.0	327.8	332.5	2227
3135 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	5.3	327.8	331.9	2168
3135 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	5.3	327.8	331.9	2168
3135 >E	Clay 345kV Voltage	SBK Marcy R3108	4.3	327.8	330.0	2992
3136 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	8.6	218.5	222.3	2168
3137 >E	Station 80 345kV Voltage	Volney-Marcy	3.9	327.8	329.3	3046
3137 >E	Clay 345kV Voltage	Ravenswood 3	3.9	327.8	329.7	3225
3138 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	5.2	327.8	338.0	2228
3138 >E	Station 80 345kV Voltage	SBK Edic R945	5.2	327.8	337.9	2227
3140 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.1	327.8	328.6	2996
3140 >E	Rock Tavern 345kV Voltage	Ravenswood 3	6.3	327.8	334.6	3228
3141 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	16.5	500	500.5	3093

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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3141 >E	Clay 345kV Voltage	SBK Princetown 345	4.1	327.8	328.6	2901
3142 >E	Station 80 345kV Voltage	SBK Princetown 345	4.1	327.8	328.1	2902
3143 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	327.8	3101
3143 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	327.8	3094
3143 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.8	3130
3144 >E	St.Lawrence 230kV Voltage	Volney-Marcy	8.5	218.5	222.6	3050
3144 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	9.1	218.5	222.6	2999
3144 >E	Clay 345kV Voltage	N.Scot-Leeds 345	4.1	327.8	327.9	3096
3144 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	327.9	3103
3144 >E	Ramapo 500kV Voltage	SBK Marcy R3108	16.3	500	500.3	3000
3144 >E	Clay 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.8	3132
3145 >E	Ramapo 500kV Voltage	Volney-Marcy	17.0	500	500.3	3051
3145 >E	Station 80 345kV Voltage	SBK Edic R70	4.2	327.8	327.2	3180
3146 >E	Millwood 345kV Voltage	Ravenswood 3	9.7	327.8	335.7	3232
3146 >E	Clay 345kV Voltage	Ph2 DC 1500	6.8	327.8	343.2	3370
3147 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	334.2	2228
3147 >E	Ramapo 345kV Voltage	SBK Edic R945	5.4	327.8	334.2	2228
3148 >E	Ramapo 500kV Voltage	SBK Edic R70	17.2	500	500.2	3183
3148 >E	Pannell Road 345kV Voltage	Volney-Marcy	4.6	327.8	329.9	3053
3148 >E	Pannell Road 345kV Voltage	Ravenswood 3	4.6	327.8	329.8	3234
3148 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	17.4	500	500.1	3106
3149 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	7.1	327.8	337.5	2170
3150 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	17.5	500	500.0	3137
3150 >E	Ramapo 500kV Voltage	Pre-Fault	17.6	NA	500	3150
3151 >E	Leeds 345kV Voltage	Volney-Marcy	3.6	327.8	327.8	3055
3151 >E	Leeds 345kV Voltage	SBK Edic R70	3.6	327.8	327.8	3187
3151 >E	Leeds 345kV Voltage	SBK Princetown 345	3.6	327.8	327.8	2911
3151 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	3.6	327.8	327.8	3138
3151 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	3.6	327.8	327.8	3109
3151 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	3.6	327.8	327.8	3102
3151 >E	Leeds 345kV Voltage	SBK Marcy R3108	3.6	327.8	327.8	3006
3151 >E	Leeds 345kV Voltage	Ravenswood 3	3.6	327.8	327.8	3236
3152 >E	Clay 345kV Voltage	SBK Edic R70	4.3	327.8	325.9	3188
3152 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	5.0	327.8	328.9	3007
3156 >E	Pannell Road 345kV Voltage	SBK Princetown 345	4.9	327.8	328.2	2915
3158 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	4.9	327.8	327.8	3109
3158 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr	4.9	327.8	327.8	3116

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3158 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	4.9	327.8	327.8	3145
3159 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	9.1	327.8	334.3	3374
3159 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.6	327.8	336.5	2172
3159 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	9.1	327.8	334.4	3374
3160 >E	Buchanan South 345kV Voltage	Ravenswood 3	9.4	327.8	335.9	3244
3160 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	7.3	327.8	340.7	3375
3162 >E	Pannell Road 345kV Voltage	SBK Edic R70	5.0	327.8	326.9	3199
3163 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	9.2	327.8	337.1	3376
3164 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	5.7	327.8	334.1	2230
3164 >E	Ladentown 345kV Voltage	SBK Edic R945	5.8	327.8	334.1	2229
3166 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	6.8	327.8	332.7	3248
3170 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	334.4	2230
3170 >E	Buchanan North 345kV Voltage	Ravenswood 3	14.1	327.8	336.3	3252
3170 >E	Bowline 2 345kV Voltage	SBK Edic R945	5.5	327.8	334.4	2230
3171 >E	Leeds 345kV Voltage	Ph2 DC 1500	5.7	327.8	346.0	3378
3172 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	7.1	327.8	332.4	2231
3172 >E	Buchanan South 345kV Voltage	SBK Edic R945	7.1	327.8	332.4	2230
3173 >E	Millwood 345kV Voltage	Ph2 DC 1500	8.8	327.8	336.5	3379
3175 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	335.4	2174
3176 >E	Bowline 2 345kV Voltage	Ravenswood 3	6.8	327.8	336.0	3257
3177 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	5.9	327.8	334.7	2231
3177 >E	Bowline 1 345kV Voltage	SBK Edic R945	5.9	327.8	334.6	2230
3177 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	7.1	327.8	329.9	2936
3179 >E	Clay 345kV Voltage	Marcy South S.	7.0	327.8	339.1	3590
3179 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	8.0	327.8	331.4	2231
3179 >E	Millwood 345kV Voltage	SBK Edic R945	8.0	327.8	331.4	2231
3180 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	9.5	327.8	330.7	2231
3181 >E	Sprain Brook 345kV Voltage	SBK Edic R945	9.5	327.8	330.7	2231
3182 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	9.6	327.8	330.6	2231
3182 >E	Dunwoodie 345kV Voltage	SBK Edic R945	9.6	327.8	330.6	2231
3183 >E	Somerset 345kV Voltage	Pre-Fault	8.1	NA	338	3183
3184 >E	St.Lawrence 230kV Voltage	Ravenswood 3	12.6	218.5	219.7	3263
3184 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	7.5	327.8	329.0	3134
3185 >E	Pleasant Valley 345kV Voltage	Marcy South S.	10.1	327.8	342.8	3591
3185 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	8.9	327.8	337.9	3383
3187 >E	Rock Tavern 345kV Voltage	SBK Edic R70	7.7	327.8	328.6	3225
3190 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	8.5	327.8	340.1	3384
3192 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	7.9	327.8	328.0	3150
3193 >E	Ladentown 345kV Voltage	Ravenswood 3	9.0	327.8	336.4	3270

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3193 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	7.9	327.8	327.9	3180
3193 >E	Roseton 345kV Voltage	Ravenswood 3	7.2	327.8	334.8	3271
3194 >E	Rock Tavern 345kV Voltage	Volney-Marcy	7.8	327.8	327.8	3084
3194 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	7.2	327.8	328.8	3143
3198 >E	Ramapo 345kV Voltage	Ravenswood 3	10.0	327.8	336.2	3274
3199 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	7.6	327.8	327.1	3047
3201 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	7.5	327.8	327.9	3240
3201 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	13.9	218.5	218.5	3188
3201 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	13.9	218.5	218.5	2960
3202 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	13.9	218.5	218.5	3160
3202 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	13.9	218.5	218.4	3150
3202 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	7.5	327.8	327.8	3188
3203 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	7.5	327.8	327.7	3161
3203 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	7.5	327.8	327.6	3091
3204 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	7.3	327.8	327.6	2962
3205 >E	Watercure 230kV Voltage	Pre-Fault	7.8	NA	215	3205
3206 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	7.5	327.8	327.3	3053
3207 >E	Ramapo 345kV Voltage	Ph2 DC 1500	9.4	327.8	340.3	3390
3208 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	18.9	218.5	224.9	3390
3210 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	7.5	327.8	333.3	2234
3211 >E	Roseton 345kV Voltage	SBK Edic R945	7.5	327.8	333.3	2233
3211 >E	Leeds 345kV Voltage	SBK Edic R945	6.2	327.8	327.8	2233
3211 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	6.2	327.8	327.8	2234
3211 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	10.9	327.8	341.0	3392
3212 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	8.0	327.8	330.1	2234
3212 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	8.0	327.8	330.1	2233
3212 >E	St.Lawrence 230kV Voltage	SBK Edic R70	15.1	218.5	217.7	3252
3215 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	11.9	327.8	333.6	2181
3217 >E	Ladentown 345kV Voltage	Ph2 DC 1500	9.2	327.8	340.7	3393
3225 >E	Ramapo 500kV Voltage	Marcy South S.	28.0	500	505.3	3593
3226 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	11.0	327.8	328.7	3173
3228 >E	Bowline 2 345kV Voltage	SBK Princetown 345	7.4	327.8	329.5	2986
3228 >E	Millwood 345kV Voltage	SBK Princetown 345	10.7	327.8	328.5	2986
3231 >E	Station 80 345kV Voltage	Ph2 DC 1500	12.5	327.8	340.0	3398
3232 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	9.3	327.8	341.6	3398
3233 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	7.7	327.8	328.9	3179
3233 >E	Millwood 345kV Voltage	SBK Edic R70	11.3	327.8	328.2	3274
3234 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	328.6	3181
3236 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	9.3	327.8	341.9	3400

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3236 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	11.5	327.8	327.8	3223
3237 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	11.5	327.8	327.8	3195
3237 >E	Bowline 2 345kV Voltage	SBK Edic R70	7.9	327.8	328.4	3278
3237 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	13.6	327.8	328.4	2995
3238 >E	Bowline 1 345kV Voltage	Ravenswood 3	11.0	327.8	337.6	3307
3238 >E	Millwood 345kV Voltage	Volney-Marcy	11.4	327.8	327.7	3114
3239 >E	Millwood 345kV Voltage	SBK Marcy R3108	11.2	327.8	327.6	3081
3240 >E	Buchanan South 345kV Voltage	SBK Princetown 345	10.5	327.8	328.9	2997
3240 >E	Roseton 345kV Voltage	Ph2 DC 1500	9.6	327.8	341.8	3401
3241 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	7.7	327.8	327.9	3083
3241 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	10.8	327.8	328.9	3187
3241 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	8.0	327.8	327.9	3199
3241 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	8.0	327.8	327.9	3227
3242 >E	Bowline 2 345kV Voltage	Volney-Marcy	7.9	327.8	327.8	3117
3242 >E	Dunwoodie 345kV Voltage	SBK Edic R70	14.4	327.8	328.1	3283
3246 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	14.6	327.8	327.8	3232
3246 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	14.6	327.8	327.8	3204
3246 >E	Gilboa 345kV Voltage	Marcy South N.	14.3	327.8	338.7	3877
3246 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	11.1	327.8	336.1	2186
3247 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	14.3	327.8	330.7	2187
3247 >E	Somerset 345kV Voltage	Ravenswood 3	7.6	327.8	330.1	3315
3247 >E	Watercure 230kV Voltage	Ravenswood 3	7.3	207	209.6	3315
3247 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	14.4	327.8	330.6	2187
3248 >E	Buchanan South 345kV Voltage	SBK Edic R70	11.2	327.8	328.3	3290
3248 >E	Dunwoodie 345kV Voltage	Volney-Marcy	14.6	327.8	327.7	3121
3249 >E	Pannell Road 345kV Voltage	Marcy South N.	17.0	327.8	343.7	3877
3249 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	8.8	327.8	328.7	3195
3249 >E	Roseton 345kV Voltage	SBK Princetown 345	8.7	327.8	328.7	3006
3249 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	14.2	327.8	327.6	3090
3249 >E	Watercure 230kV Voltage	Volney-Marcy	7.3	207	209.3	3122
3251 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	15.3	327.8	328.7	3197
3252 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	11.4	327.8	327.9	3238
3253 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	11.4	327.8	327.8	3210
3253 >E	St.Lawrence 230kV Voltage	Marcy South S.	19.5	218.5	222.9	3594
3253 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	11.0	327.8	327.8	3094
3254 >E	Roseton 345kV Voltage	SBK Edic R70	9.0	327.8	328.2	3296
3254 >E	Buchanan South 345kV Voltage	Volney-Marcy	11.3	327.8	327.7	3125

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3254 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	14.9	327.8	328.5	3011
3254 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	12.7	327.8	331.6	2188
3254 >E	Watercure 230kV Voltage	SBK Marcy R3108	7.7	207	208.6	3095
3254 >E	Somerset 345kV Voltage	Volney-Marcy	7.7	327.8	329.1	3125
3256 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	12.1	327.8	333.0	2188
3257 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	9.1	327.8	327.8	3243
3257 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	327.8	3215
3258 >E	Roseton 345kV Voltage	Volney-Marcy	9.1	327.8	327.7	3128
3260 >E	Sprain Brook 345kV Voltage	SBK Edic R70	15.9	327.8	328.1	3303
3260 >E	Roseton 345kV Voltage	SBK Marcy R3108	9.0	327.8	327.5	3100
3261 >E	Watercure 230kV Voltage	SBK Princetown 345	7.7	207	207.8	3018
3265 >E	Somerset 345kV Voltage	SBK Princetown 345	8.1	327.8	327.9	3021
3265 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	11.1	327.8	335.7	2190
3265 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	16.1	327.8	327.8	3251
3265 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	8.1	327.8	327.8	3251
3265 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	16.1	327.8	327.8	3223
3265 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	8.1	327.8	327.8	3223
3265 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	8.1	327.8	327.8	3211
3266 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	10.1	327.8	335.8	2190
3266 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	7.8	207	207.1	3224
3267 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	7.8	207	207.0	3212
3267 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	7.8	207	207.0	3253
3267 >E	Somerset 345kV Voltage	SBK Marcy R3108	8.2	327.8	327.6	3105
3267 >E	Ladentown 345kV Voltage	SBK Princetown 345	10.2	327.8	329.9	3023
3268 >E	Sprain Brook 345kV Voltage	Volney-Marcy	16.0	327.8	327.7	3134
3268 >E	Somerset 345kV Voltage	SBK Edic R70	8.2	327.8	327.5	3311
3268 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	15.6	327.8	327.6	3106
3270 >E	Pannell Road 345kV Voltage	Marcy South S.	11.8	327.8	336.7	3595
3272 >E	Watercure 230kV Voltage	SBK Edic R70	7.9	207	206.4	3315
3275 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	10.8	327.8	329.2	3220
3277 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	11.2	327.8	329.6	2192
3277 >E	Ramapo 345kV Voltage	SBK Princetown 345	11.7	327.8	330.2	3033
3280 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	333.3	2192
3283 >E	Ladentown 345kV Voltage	SBK Edic R70	11.1	327.8	328.5	3327
3283 >E	Station 80 345kV Voltage	Marcy South N.	18.5	327.8	341.6	3885
3283 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	9.2	327.8	327.8	2193
3284 >E	Leeds 345kV Voltage	Marcy South N.	12.5	327.8	347.9	3885

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3287 >E	Ladentown 345kV Voltage	SBK Marcy R3108	10.8	327.8	328.1	3122
3289 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	11.4	327.8	327.9	3247
3290 >E	Ladentown 345kV Voltage	Volney-Marcy	11.2	327.8	327.9	3149
3290 >E	Dunwoodie 345kV Voltage	Marcy South S.	18.0	327.8	334.8	3596
3290 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	11.4	327.8	327.9	3276
3290 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	12.4	327.8	329.3	3234
3291 >E	Sprain Brook 345kV Voltage	Marcy South S.	17.8	327.8	334.7	3596
3294 >E	Millwood 345kV Voltage	Marcy South S.	15.6	327.8	336.4	3596
3296 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	10.3	327.8	339.8	2242
3296 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	11.7	327.8	336.6	2195
3297 >E	Somerset 345kV Voltage	SBK Edic R945	10.4	327.8	339.7	2240
3299 >E	Ramapo 345kV Voltage	SBK Edic R70	12.9	327.8	328.6	3345
3300 >E	Buchanan North 345kV Voltage	SBK Princeton 345	17.2	327.8	329.9	3055
3303 >E	Ramapo 345kV Voltage	SBK Marcy R3108	12.4	327.8	328.3	3137
3308 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	13.3	327.8	327.9	3266
3308 >E	Ramapo 345kV Voltage	Volney-Marcy	13.1	327.8	327.9	3161
3309 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	13.3	327.8	327.9	3294
3311 >E	Station 80 345kV Voltage	Marcy South S.	14.1	327.8	335.7	3597
3312 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	18.4	327.8	329.2	3255
3328 >E	Buchanan North 345kV Voltage	SBK Edic R70	19.4	327.8	328.5	3375
3333 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	18.7	327.8	328.2	3162
3339 >E	Buchanan North 345kV Voltage	Volney-Marcy	19.8	327.8	327.9	3182
3339 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	20.1	327.8	327.9	3297
3340 >E	Buchanan North 345kV Voltage	Princeton-N.Scot 345	20.1	327.8	327.9	3325
3340 >E	Bowline 1 345kV Voltage	SBK Princeton 345	12.9	327.8	330.7	3094
3344 >E	St.Lawrence 230kV Voltage	Marcy South N.	33.1	218.5	224.3	3899
3347 >E	Roseton 345kV Voltage	Marcy South S.	13.9	327.8	340.2	3599
3354 >E	Buchanan South 345kV Voltage	Marcy South S.	16.5	327.8	335.9	3599
3356 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	13.8	327.8	329.6	3296
3369 >E	Bowline 1 345kV Voltage	SBK Edic R70	14.4	327.8	328.7	3419
3371 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	13.9	327.8	328.6	3195
3380 >E	Bowline 1 345kV Voltage	Volney-Marcy	14.6	327.8	328.0	3210
3381 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	14.8	327.8	327.9	3338
3381 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	14.8	327.8	327.9	3366
3383 >E	Watercure 230kV Voltage	Ph2 DC 1500	16.4	207	227.7	3448
3389 >E	Buchanan North 345kV Voltage	Marcy South S.	19.1	327.8	332.7	3601
3396 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	14.6	327.8	335.9	2212

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3411 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	16.9	207	240.3	2252
3414 >E	Watercure 230kV Voltage	SBK Edic R945	17.0	207	240.4	2250
3429 >E	Niagara 345kV Voltage	Pre-Fault	18.6	NA	338	3429
3447 >E	Pleasant Valley 345kV Voltage	Marcy South N.	23.7	327.8	340.6	3923
3505 >E	Ladentown 345kV Voltage	Marcy South S.	19.0	327.8	334.1	3606
3514 >E	Rock Tavern 345kV Voltage	Marcy South S.	17.3	327.8	323.2	3607
3521 >E	Coopers Corners 345kV Voltage	Marcy South N.	22.3	327.8	312.7	3940
3525 >E	Niagara 230kV East Voltage	Pre-Fault	52.9	NA	225	3525
3525 >E	Niagara 230kV West Voltage	Pre-Fault	52.9	NA	225	3525
3533 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	22.6	207	233.3	2235
3536 >E	Ramapo 345kV Voltage	Marcy South S.	20.6	327.8	332.0	3608
3537 >E	Bowline 1 345kV Voltage	Marcy South S.	19.0	327.8	334.7	3608
3541 >E	Bowline 2 345kV Voltage	Marcy South S.	18.8	327.8	334.8	3608
3551 >E	Watercure 230kV Voltage	Marcy South N.	34.0	207	231.9	3947
3555 >E	Somerset 345kV Voltage	Ph2 DC 1500	23.4	327.8	342.4	3504
3555 >E	Ramapo 500kV Voltage	Marcy South N.	78.7	500	506.7	3948
3571 >E	Niagara 345kV Voltage	Ravenswood 3	17.3	327.8	330.4	3579
3591 >E	Niagara 345kV Voltage	Volney-Marcy	17.7	327.8	329.3	3353
3619 >E	Niagara 345kV Voltage	Prinetown-N.Scot 345	18.6	327.8	327.8	3602
3620 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	18.6	327.8	327.8	3576
3620 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	18.6	327.8	327.7	3547
3620 >E	Niagara 345kV Voltage	SBK Prinetown 345	18.7	327.8	327.7	3366
3625 >E	Niagara 345kV Voltage	SBK Edic R70	18.8	327.8	327.5	3692
3632 >E	Niagara 345kV Voltage	SBK Marcy R3108	19.0	327.8	327.1	3420
3672 >E	Coopers Corners 345kV Voltage	Marcy South S.	17.1	327.8	275.1	3615
3696 >E	Millwood 345kV Voltage	Marcy South N.	38.2	327.8	335.5	3980
3708 >E	Watercure 230kV Voltage	Marcy South S.	25.2	207	223.5	3616
3713 >E	Dunwoodie 345kV Voltage	Marcy South N.	45.3	327.8	334.2	3984
3717 >E	Sprain Brook 345kV Voltage	Marcy South N.	45.2	327.8	334.2	3985
3736 >E	Somerset 345kV Voltage	Marcy South S.	27.8	327.8	336.9	3618
3738 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	23.4	327.8	342.3	2281
3741 >E	Niagara 345kV Voltage	SBK Edic R945	23.5	327.8	342.2	2277
3777 >E	Roseton 345kV Voltage	Marcy South N.	32.3	327.8	338.7	3998
3785 >E	Niagara 230kV East Voltage	Ravenswood 3	48.2	218.5	220.1	3755
3785 >E	Niagara 230kV West Voltage	Ravenswood 3	48.2	218.5	220.1	3755
3803 >E	Buchanan South 345kV Voltage	Marcy South N.	39.6	327.8	335.2	4004
3819 >E	Buchanan North 345kV Voltage	Marcy South N.	44.3	327.8	332.7	4008
3821 >E	Niagara 230kV East Voltage	Volney-Marcy	49.7	218.5	219.4	3508
3821 >E	Niagara 230kV West Voltage	Volney-Marcy	49.7	218.5	219.4	3508
3827 >E	Somerset 345kV Voltage	Marcy South N.	36.3	327.8	342.4	4010

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3836 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	30.6	327.8	332.4	2290
3837 >E	Rainey 345kV Voltage	SBK Edic R945	30.6	327.8	332.4	2285
3848 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	31.7	327.8	332.3	2291
3848 >E	Farragut 345kV Voltage	SBK Edic R945	31.7	327.8	332.3	2286
3869 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	52.9	218.5	218.5	3849
3869 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	52.9	218.5	218.5	3849
3870 >E	Niagara 230kV East Voltage	SBK Princetown 345	53.0	218.5	218.5	3608
3870 >E	Niagara 230kV West Voltage	SBK Princetown 345	53.0	218.5	218.5	3608
3870 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	52.9	218.5	218.5	3784
3870 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	52.9	218.5	218.5	3784
3870 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	53.0	218.5	218.5	3826
3870 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	53.0	218.5	218.5	3826
3871 >E	Rainey 345kV Voltage	Ph2 DC 1500	32.8	327.8	339.4	3608
3879 >E	Niagara 230kV East Voltage	SBK Edic R70	53.6	218.5	218.3	3962
3879 >E	Niagara 230kV West Voltage	SBK Edic R70	53.6	218.5	218.3	3962
3889 >E	Niagara 230kV East Voltage	SBK Marcy R3108	54.1	218.5	218.1	3642
3889 >E	Niagara 230kV West Voltage	SBK Marcy R3108	54.1	218.5	218.1	3642
3896 >E	Farragut 345kV Voltage	Ph2 DC 1500	34.4	327.8	339.3	3616
3897 >E	Rock Tavern 345kV Voltage	Marcy South N.	36.0	327.8	327.8	4026
3986 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	62.0	218.5	226.9	2303
3986 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	62.0	218.5	226.9	2303
3990 >E	Niagara 230kV East Voltage	SBK Edic R945	62.3	218.5	226.9	2298
3990 >E	Niagara 230kV West Voltage	SBK Edic R945	62.3	218.5	226.9	2298
4012 >E	Rainey 345kV Voltage	Ravenswood 3	51.6	327.8	343.1	3941
4035 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	33.6	327.8	337.4	2320
4070 >E	Ladentown 345kV Voltage	Marcy South N.	43.7	327.8	333.8	4065
4079 >E	Farragut 345kV Voltage	Ravenswood 3	54.6	327.8	342.7	3995
4085 >E	Ramapo 345kV Voltage	Marcy South N.	46.2	327.8	332.1	4069
4142 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	43.5	327.8	332.4	2317
4143 >E	Goethals 345kV Voltage	SBK Edic R945	43.5	327.8	332.4	2311
4146 >E	Bowline 1 345kV Voltage	Marcy South N.	43.9	327.8	334.1	4083
4163 >E	Bowline 2 345kV Voltage	Marcy South N.	43.8	327.8	334.3	4087
4207 >E	Goethals 345kV Voltage	Ph2 DC 1500	47.0	327.8	338.9	3719
4352 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	50.7	327.8	332.9	2374
4385 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	53.0	327.8	332.9	2379
4411 >E	Rainey 345kV Voltage	Marcy South S.	53.2	327.8	338.7	3651
4423 >E	Farragut 345kV Voltage	Marcy South S.	54.7	327.8	338.4	3652
4468 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	94.2	218.5	224.4	2393
4468 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	94.2	218.5	224.4	2393

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4484 >E	Niagara 345kV Voltage	Ph2 DC 1500	51.5	327.8	345.9	3810
4493 >E	Rainey 345kV Voltage	Pre-Fault	94.9	NA	338	4493
4521 >E	Gardenville 230kV Voltage	Pre-Fault	81.2	NA	217	4521
4559 >E	Farragut 345kV Voltage	Pre-Fault	102.5	NA	338	4559
4722 >E	Goethals 345kV Voltage	Ravenswood 3	81.8	327.8	345.6	4521
4816 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	65.1	207	234.1	2377
4831 >E	Gardenville 230kV Voltage	SBK Edic R945	65.7	207	234.0	2368
4844 >E	Gardenville 230kV Voltage	Ravenswood 3	64.1	207	213.0	4621
4876 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	72.8	327.8	332.7	2462
4925 >E	Goethals 345kV Voltage	Marcy South S.	74.9	327.8	338.0	3676
4950 >E	Niagara 230kV East Voltage	Ph2 DC 1500	131.4	218.5	229.7	3963
4950 >E	Niagara 230kV West Voltage	Ph2 DC 1500	131.4	218.5	229.7	3963
4982 >E	Niagara 345kV Voltage	Marcy South S.	64.7	327.8	338.8	3679
5039 >E	Gardenville 230kV Voltage	Volney-Marcy	71.0	207	210.6	4331
5109 >E	Rainey 345kV Voltage	SBK Princetown 345	80.6	327.8	331.5	4809
5208 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	85.1	327.8	330.5	5053
5214 >E	Farragut 345kV Voltage	SBK Princetown 345	86.4	327.8	331.6	4911
5282 >E	Rainey 345kV Voltage	SBK Marcy R3108	87.1	327.8	329.7	4842
5307 >E	Gardenville 230kV Voltage	SBK Princetown 345	80.7	207	207.3	5002
5328 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	91.5	327.8	330.5	5167
5330 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	81.1	207	207.0	5168
5332 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	81.2	207	207.0	5300
5336 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	81.3	207	207.0	5287
5374 >E	Gardenville 230kV Voltage	SBK Marcy R3108	83.1	207	206.5	4922
5383 >E	Rainey 345kV Voltage	SBK Edic R70	92.0	327.8	328.6	5567
5398 >E	Farragut 345kV Voltage	SBK Marcy R3108	93.5	327.8	329.8	4942
5400 >E	Rainey 345kV Voltage	Volney-Marcy	92.2	327.8	328.4	4575
5406 >E	Gardenville 230kV Voltage	SBK Edic R70	83.8	207	206.1	5591
5444 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	94.2	327.8	328.0	5410
5444 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	94.2	327.8	328.0	5395
5466 >E	Niagara 345kV Voltage	Marcy South N.	85.8	327.8	345.0	4385
5520 >E	Farragut 345kV Voltage	SBK Edic R70	99.2	327.8	328.6	5712
5530 >E	Farragut 345kV Voltage	Volney-Marcy	99.2	327.8	328.5	4663
5581 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	101.5	327.8	328.0	5531
5584 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	101.7	327.8	328.0	5549
5861 >E	Niagara 230kV East Voltage	Marcy South S.	183.7	218.5	225.2	3723
5861 >E	Niagara 230kV West Voltage	Marcy South S.	183.7	218.5	225.2	3723
5990 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	231.2	131.1	132.8	2481

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

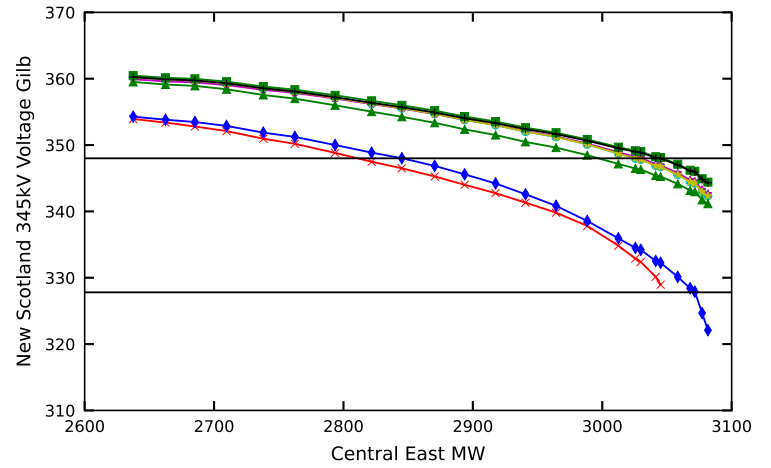
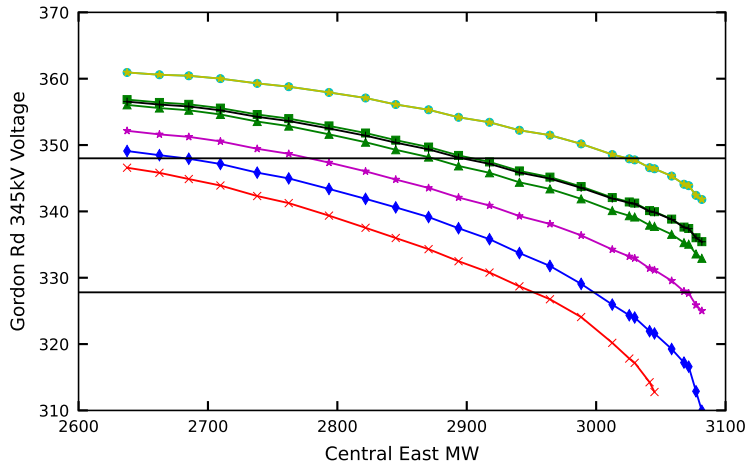
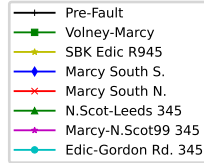
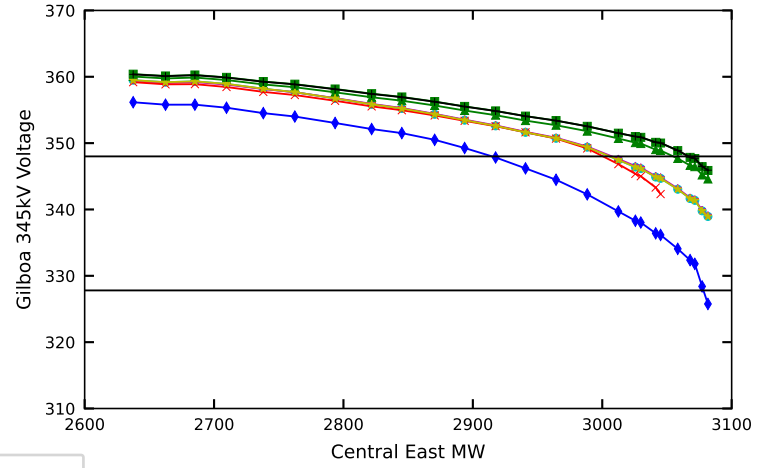
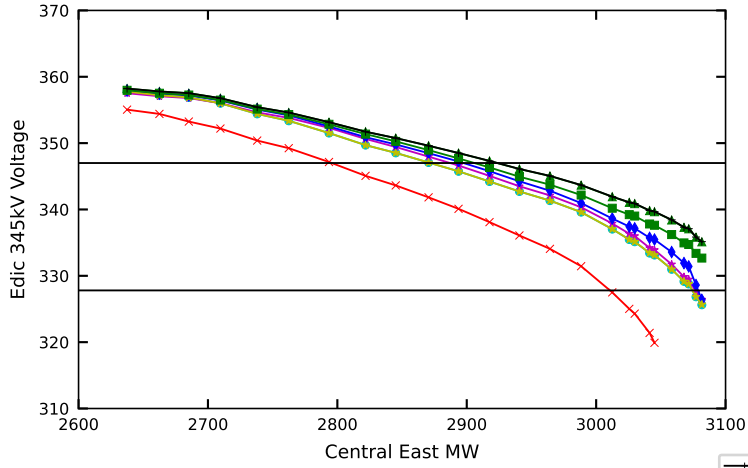
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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 0FR_CAP

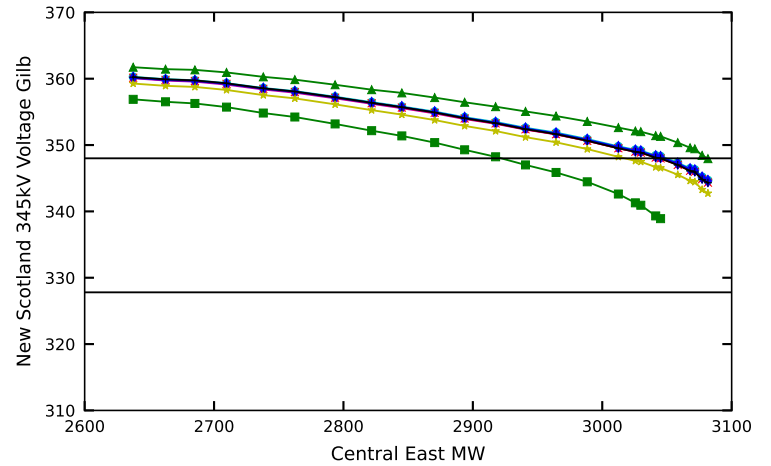
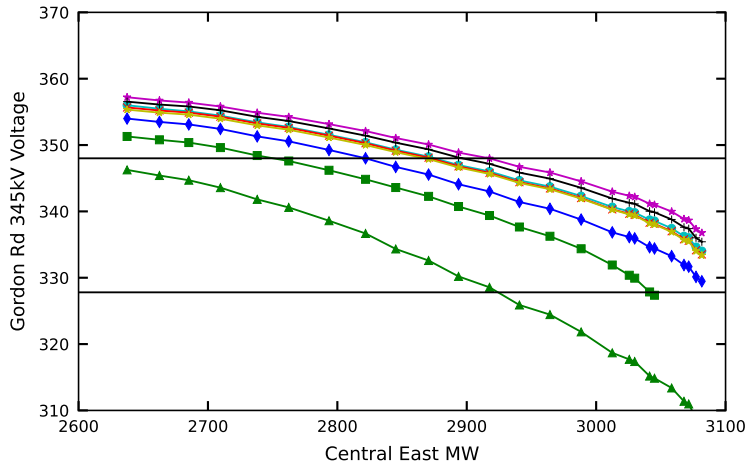
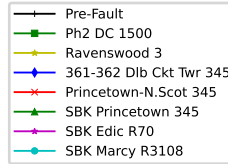
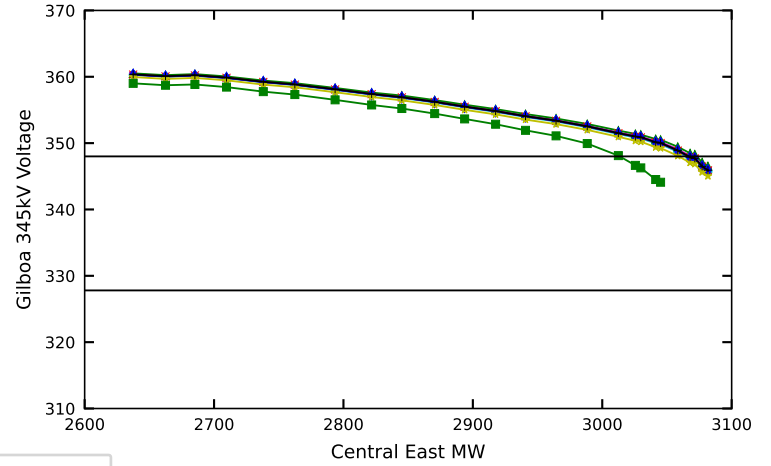
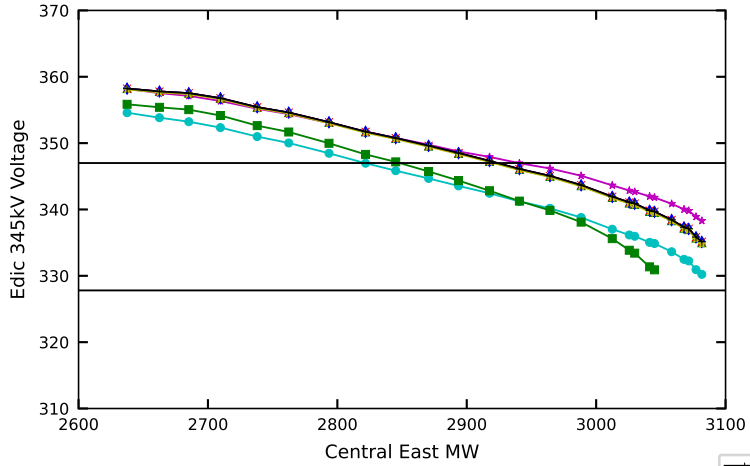
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5992 >E	Northport 138kV Voltage	SBK Edic R945	231.4	131.1	132.8	2464
6234 >E	Northport 138kV Voltage	Pre-Fault	358.7	NA	135	6234
6552 >E	Goethals 345kV Voltage	Pre-Fault	239.4	NA	338	6552
6733 >E	Rainey 345kV Voltage	Marcy South N.	141.9	327.8	338.9	4675
6775 >E	Niagara 230kV East Voltage	Marcy South N.	256.6	218.5	229.7	4684
6775 >E	Niagara 230kV West Voltage	Marcy South N.	256.6	218.5	229.7	4684
6787 >E	Farragut 345kV Voltage	Marcy South N.	146.9	327.8	338.7	4687
6856 >E	Northport 138kV Voltage	Ravenswood 3	305.3	131.1	133.3	6266
7167 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	151.9	207	237.1	2850
7362 >E	Northport 138kV Voltage	SBK Princetown 345	337.1	131.1	131.9	6994
7439 >E	Northport 138kV Voltage	N.Scot-Leeds 345	343.7	131.1	131.6	7169
7469 >E	Goethals 345kV Voltage	SBK Princetown 345	177.3	327.8	334.2	7098
7537 >E	Northport 138kV Voltage	SBK Marcy R3108	350.5	131.1	131.4	6786
7545 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	353.6	131.1	133.0	2914
7579 >E	Northport 138kV Voltage	SBK Edic R70	354.6	131.1	131.3	7907
7620 >E	Northport 138kV Voltage	Princetown-N.Scot 345	357.7	131.1	131.1	7566
7623 >E	Northport 138kV Voltage	Volney-Marcy	357.7	131.1	131.1	6078
7634 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	358.7	131.1	131.1	7578
7926 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	196.5	327.8	332.3	7630
7992 >E	Goethals 345kV Voltage	SBK Marcy R3108	197.8	327.8	332.0	7177
8039 >E	Goethals 345kV Voltage	Marcy South N.	197.3	327.8	338.9	4973
8519 >E	Goethals 345kV Voltage	Volney-Marcy	219.7	327.8	329.8	6683
8682 >E	Goethals 345kV Voltage	SBK Edic R70	227.0	327.8	329.1	9084
8839 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	233.0	327.8	328.4	8779
8870 >E	Gardenville 230kV Voltage	Ph2 DC 1500	214.4	207	259.5	5252
8903 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	235.7	327.8	328.2	8838
8908 >E	Northport 138kV Voltage	Marcy South S.	462.0	131.1	136.5	3873
13203 >E	Gardenville 230kV Voltage	Marcy South S.	369.9	207	250.2	4084
17955 >E	Northport 138kV Voltage	Marcy South N.	1178.2	131.1	135.8	7242
99998 >E	Gardenville 230kV Voltage	Marcy South N.	NA	207	NA	99998
99998 >E	Northport 138kV Voltage	Ph2 DC 1500	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

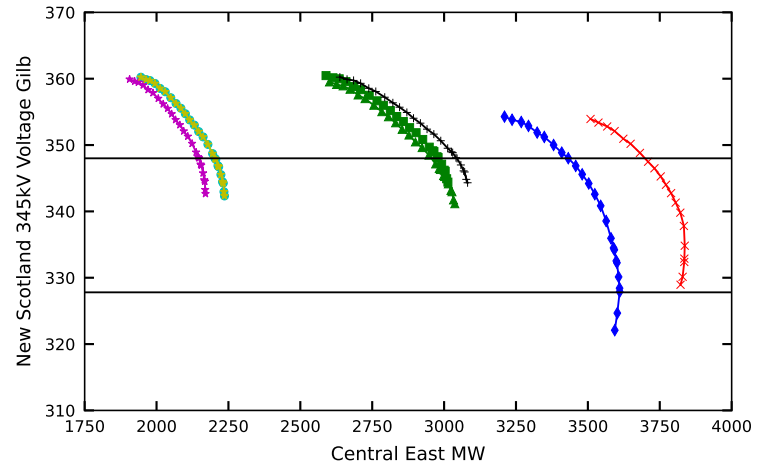
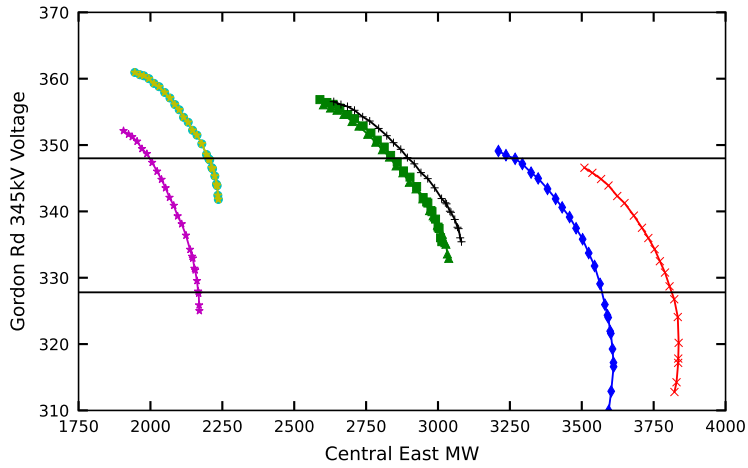
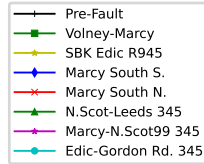
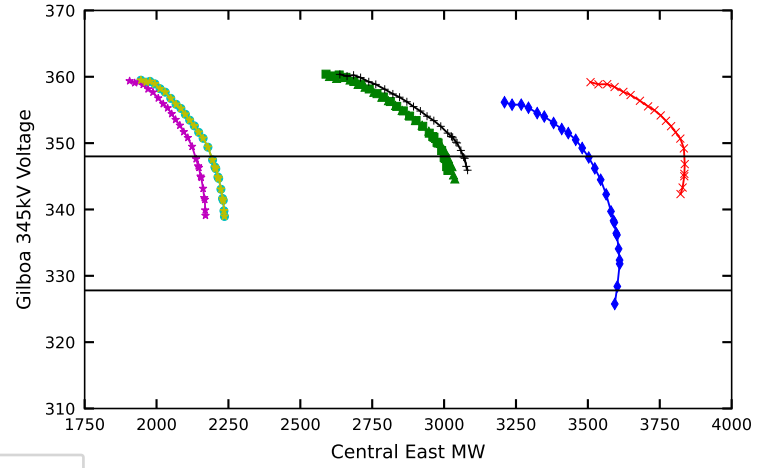
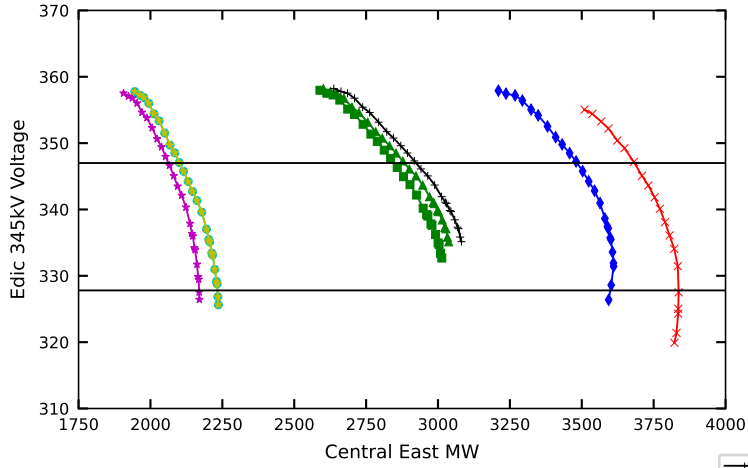
1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0G_CAP Figure 1



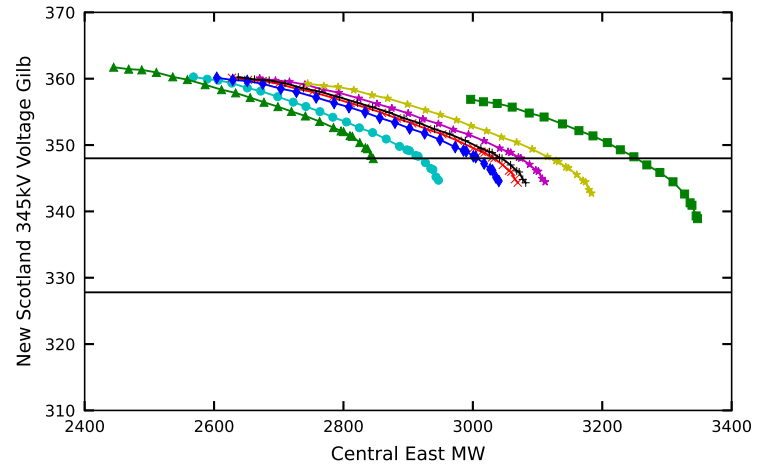
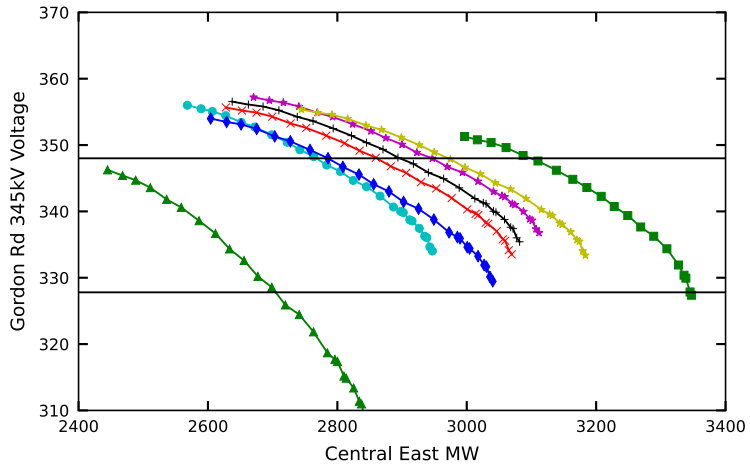
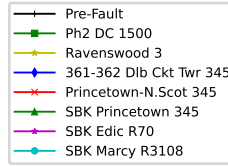
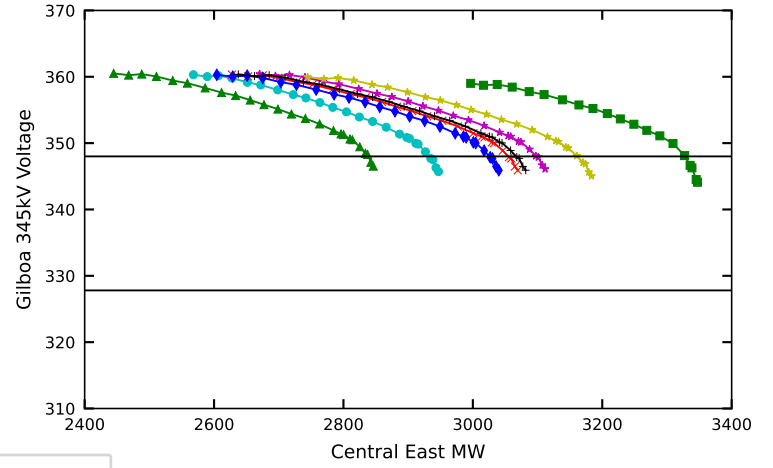
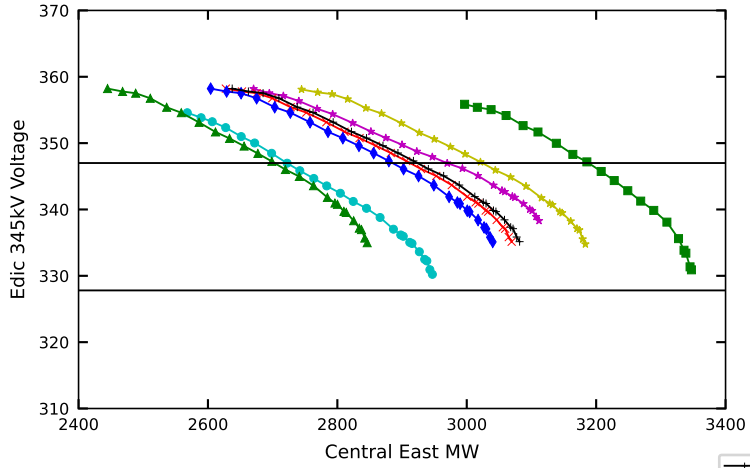
1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0G_CAP Figure 2



1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0G_CAP Figure 1



1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0G_CAP Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\0G_CAP\Sum2023_CEVC_PH2_50_0G_CAP.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0G_CAP

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2637	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2662	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2685	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2709	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2738	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2762	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2793	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2821	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2845	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2870	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2893	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2917	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2940	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2964	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2988	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
3012	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
3025	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7															
3029	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8															
3041	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9															
3045	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
3058	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	1															
3067	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	2															
3071	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	3															
3077	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	4															
3081	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-16-2023 15:08

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 5O 0G_CAP

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\OG_CAP\Sum2023_CEVC_PH2_5O_0G_CAP.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 5O 0G_CAP

Interface: Central East

Dlb Ckt																						
Twr 345																						
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																						
wood 3																						
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Ph2 DC																						
1500																						
																				2	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1303 >E	Dunwoodie 345kV Voltage	Pre-Fault	389.0	NA	348	1303
1430 >E	Sprain Brook 345kV Voltage	Pre-Fault	369.3	NA	348	1430
2861	limit with 5% margin	Marcy South N.	NA	NA	NA	3645
2892	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3179
2896	Gordon Rd 345kV Voltage	Pre-Fault	25.3	NA	348	2896
2901	Millwood 345kV Voltage	Pre-Fault	111.4	NA	348	2901
2903	Marcy 345kV Voltage	Pre-Fault	19.8	NA	348	2903
2917	limit with 5% margin	Marcy South S.	NA	NA	NA	3430
2923	Edic 345kV Voltage	Pre-Fault	19.0	NA	347	2923
2924	Gordon Rd 345kV Voltage	SBK Princetown 345	8.7	327.8	346.8	2704
2927	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2124
2927	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2061
2927	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2885
2927	limit with 5% margin	SBK Edic R945	NA	NA	NA	2124
2927	limit with 5% margin	Volney-Marcy	NA	NA	NA	2862
2927	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2799
2927	limit with 5% margin	SBK Edic R70	NA	NA	NA	2956
2927	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2703
2927	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2915
2927	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2888
2927	limit with 5% margin	Ravenswood 3	NA	NA	NA	3024
2951	Gordon Rd 345kV Voltage	Marcy South N.	12.1	327.8	345.4	3812
2993	Buchanan North 345kV Voltage	Pre-Fault	59.9	NA	346	2993
2998	Gordon Rd 345kV Voltage	Marcy South S.	7.7	327.8	342.9	3570
3010	Edic 345kV Voltage	Marcy South N.	6.1	327.8	342.1	3836
3011	Marcy 345kV Voltage	Marcy South N.	6.1	327.8	341.9	3836
3039 >E	Oakdale 345kV Voltage	Marcy South N.	6.2	320	344.3	3840
3041	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.7	327.8	340.0	3345
3044	New Scotland 345kV Voltage Alps	Pre-Fault	31.0	NA	348	3044
3044	New Scotland 345kV Voltage Gilb	Pre-Fault	31.0	NA	348	3044
3066	Gilboa 345kV Voltage	Pre-Fault	9.5	NA	348	3066
3067	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	340.3	2229
3067	Coopers Corners 345kV Voltage	SBK Edic R945	5.4	327.8	340.3	2229
3069 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.1	327.8	346.8	3843
3069 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.1	327.8	346.8	3843
3069	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	11.9	327.8	337.5	2166
3071	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	12.8	327.8	340.1	2167
3071 >E	Edic 345kV Voltage	Ph2 DC 1500	8.4	327.8	338.5	3361
3071	Rock Tavern 345kV Voltage	Pre-Fault	8.2	NA	348	3071
3071 >E	Marcy 345kV Voltage	Ph2 DC 1500	8.3	327.8	338.4	3362

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3072	Marcy 345kV Voltage	SBK Edic R945	2.9	327.8	336.8	2232
3072	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	336.8	2232
3072 >E	New Scotland 345kV Voltage Alps	Marcy South S.	7.0	327.8	345.9	3610
3072 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	7.0	327.8	345.9	3610
3074	Edic 345kV Voltage	SBK Edic R945	2.9	327.8	336.5	2233
3074	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	336.5	2233
3075	Pleasant Valley 345kV Voltage	Pre-Fault	8.7	NA	348	3075
3076	Edic 345kV Voltage	Marcy-N.Scot99 345	2.9	327.8	336.0	2169
3078	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.5	327.8	338.7	2235
3078	Fraser 345kV Voltage	SBK Edic R945	3.6	327.8	338.7	2235
3080	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	335.2	2169
3080	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	338.5	2169
3083 >E	Fraser 345kV Voltage	Pre-Fault	5.9	NA	338	3083
3084 >E	Buchanan South 345kV Voltage	Pre-Fault	22.1	NA	346	3084
3085 >E	Coopers Corners 345kV Voltage	Pre-Fault	9.2	NA	338	3085
3089 >E	Ramapo 500kV Voltage	Ph2 DC 1500	21.4	500	507.6	3372
3092 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	6.8	327.8	333.9	3051
3093 >E	Station 80 345kV Voltage	Pre-Fault	10.3	NA	346	3093
3097 >E	Edic 345kV Voltage	SBK Marcy R3108	6.4	327.8	332.8	2960
3097 >E	Gilboa 345kV Voltage	Marcy South S.	6.5	327.8	346.4	3613
3097 >E	Edic 345kV Voltage	Marcy South S.	7.3	327.8	335.5	3613
3099 >E	Oakdale 345kV Voltage	Pre-Fault	5.4	NA	335	3099
3099 >E	Marcy 345kV Voltage	Marcy South S.	7.3	327.8	335.3	3613
3102 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.5	320	334.5	2244
3102 >E	Oakdale 345kV Voltage	SBK Edic R945	3.6	320	334.3	2243
3103 >E	Pannell Road 345kV Voltage	Pre-Fault	11.1	NA	346	3103
3103 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.6	320	334.1	2175
3112 >E	Edic 345kV Voltage	Volney-Marcy	6.3	327.8	330.4	3042
3112 >E	Marcy 345kV Voltage	Volney-Marcy	6.3	327.8	330.2	3042
3116 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	330.8	3072
3120 >E	Gordon Rd 345kV Voltage	Ravenswood 3	6.9	327.8	330.3	3219
3122 >E	Clay 345kV Voltage	Pre-Fault	9.2	NA	345	3122
3123 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	7.2	327.8	329.9	3110
3123 >E	Edic 345kV Voltage	Ravenswood 3	6.0	327.8	328.7	3222
3123 >E	Marcy 345kV Voltage	Ravenswood 3	5.9	327.8	328.5	3222
3127 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	7.4	327.8	329.4	2986
3127 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	327.8	3083
3127 >E	Marcy 345kV Voltage	SBK Marcy R3108	6.4	327.8	327.8	2986
3127 >E	Marcy 345kV Voltage	SBK Edic R70	6.4	327.8	327.8	3159
3127 >E	Marcy 345kV Voltage	SBK Princetown 345	6.4	327.8	327.8	2884

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3127 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.8	3114
3127 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	327.8	3084
3127 >E	Edic 345kV Voltage	SBK Princetown 345	6.4	327.8	328.0	2884
3128 >E	Edic 345kV Voltage	N.Scot-Leeds 345	6.5	327.8	327.8	3084
3128 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	6.5	327.8	327.8	3085
3129 >E	Edic 345kV Voltage	Princetown-N.Scot 345	6.5	327.8	327.8	3116
3130 >E	Coopers Corners 345kV Voltage	Ravenswood 3	7.2	327.8	333.1	3228
3135 >E	Ramapo 345kV Voltage	Pre-Fault	24.3	NA	346	3135
3139 >E	Gordon Rd 345kV Voltage	Volney-Marcy	7.6	327.8	327.7	3068
3141 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	338.2	2259
3141 >E	Clay 345kV Voltage	Marcy South N.	9.5	327.8	347.9	3853
3142 >E	Gilboa 345kV Voltage	SBK Edic R945	5.5	327.8	338.1	2257
3143 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	5.9	327.8	327.8	3098
3143 >E	Fraser 345kV Voltage	Volney-Marcy	5.9	327.8	327.8	3072
3143 >E	Fraser 345kV Voltage	SBK Marcy R3108	5.9	327.8	327.8	3000
3143 >E	Fraser 345kV Voltage	SBK Edic R70	5.9	327.8	327.8	3175
3143 >E	Fraser 345kV Voltage	SBK Princetown 345	5.9	327.8	327.8	2897
3143 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	5.9	327.8	327.8	3130
3143 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	5.9	327.8	327.8	3100
3143 >E	Fraser 345kV Voltage	Ravenswood 3	5.9	327.8	327.8	3241
3143 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	5.5	327.8	337.9	2183
3145 >E	Fraser 345kV Voltage	Marcy South S.	6.0	327.8	335.8	3619
3146 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	9.1	327.8	344.7	3404
3146 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	9.1	327.8	344.7	3404
3152 >E	Gordon Rd 345kV Voltage	SBK Edic R70	7.9	327.8	326.1	3184
3153 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	8.0	327.8	330.6	2905
3154 >E	Ramapo 500kV Voltage	Ravenswood 3	28.2	500	506.0	3251
3156 >E	Fraser 345kV Voltage	Ph2 DC 1500	8.4	327.8	339.3	3410
3157 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.3	320	324.2	3012
3159 >E	Edic 345kV Voltage	SBK Edic R70	7.5	327.8	323.1	3192
3161 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	19.8	500	505.8	2187
3161 >E	Ladentown 345kV Voltage	Pre-Fault	22.9	NA	346	3161
3163 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	19.5	500	505.8	2267
3164 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	5.6	327.8	340.4	2268
3165 >E	Ramapo 500kV Voltage	SBK Edic R945	20.1	500	505.7	2265
3167 >E	Oakdale 345kV Voltage	Ravenswood 3	5.2	320	322.4	3263
3168 >E	Clay 345kV Voltage	SBK Edic R945	5.8	327.8	340.0	2266
3168 >E	Oakdale 345kV Voltage	Volney-Marcy	5.5	320	322.1	3096

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3170 >E	Coopers Corners 345kV Voltage	SBK Edic R70	9.1	327.8	328.7	3203
3171 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	9.0	327.8	328.6	3126
3172 >E	Oakdale 345kV Voltage	SBK Princetown 345	5.3	320	321.5	2920
3174 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	6.0	327.8	339.3	2190
3175 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	328.2	3130
3177 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	9.1	327.8	327.9	3163
3178 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	5.4	320	320.3	3133
3178 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	5.4	320	320.2	3133
3179 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	5.4	320	320.1	3165
3180 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	12.7	327.8	339.2	3423
3180 >E	Leeds 345kV Voltage	Pre-Fault	12.4	NA	345	3180
3182 >E	Coopers Corners 345kV Voltage	Volney-Marcy	9.2	327.8	327.4	3109
3183 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	7.3	327.8	321.9	2275
3185 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	7.2	327.8	332.6	2276
3185 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	7.2	327.8	332.6	2276
3185 >E	Gordon Rd 345kV Voltage	SBK Edic R945	7.4	327.8	321.7	2272
3186 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	7.8	327.8	332.5	3141
3186 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	7.8	327.8	332.5	3141
3187 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	7.3	327.8	332.3	2273
3187 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	7.3	327.8	332.3	2273
3189 >E	Oakdale 345kV Voltage	SBK Edic R70	5.7	320	318.3	3222
3191 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	7.4	327.8	331.9	2194
3191 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	7.4	327.8	331.9	2194
3196 >E	Gilboa 345kV Voltage	Ph2 DC 1500	9.3	327.8	345.8	3432
3196 >E	Leeds 345kV Voltage	Marcy South S.	9.2	327.8	350.8	3625
3204 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	8.2	327.8	330.4	3298
3204 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	8.2	327.8	330.4	3298
3205 >E	Gilboa 345kV Voltage	Marcy South N.	10.2	327.8	343.3	3861
3206 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	9.7	327.8	324.8	3054
3206 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	7.5	327.8	329.8	3161
3207 >E	Sprain Brook 345kV Voltage	Ravenswood 3	17.4	327.8	336.7	3300
3207 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	340.6	2284
3208 >E	Dunwoodie 345kV Voltage	Ravenswood 3	17.7	327.8	336.6	3301
3208 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	7.8	327.8	336.5	2284
3209 >E	Oakdale 345kV Voltage	Ph2 DC 1500	9.8	320	338.3	3440
3209 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	7.8	327.8	334.7	2285
3210 >E	Roseton 345kV Voltage	Pre-Fault	23.4	NA	345	3210
3210 >E	Rock Tavern 345kV Voltage	SBK Edic R945	9.3	327.8	340.5	2281
3211 >E	Gilboa 345kV Voltage	Ravenswood 3	7.5	327.8	329.2	3304

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3212 >E	Pannell Road 345kV Voltage	SBK Edic R945	8.0	327.8	336.1	2281
3213 >E	Station 80 345kV Voltage	SBK Edic R945	8.0	327.8	334.4	2281
3213 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	9.4	327.8	340.3	2199
3213 >E	Pannell Road 345kV Voltage	Marcy South N.	12.9	327.8	342.3	3862
3217 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	8.2	327.8	334.0	2199
3218 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	8.2	327.8	335.6	2200
3220 >E	Gilboa 345kV Voltage	SBK Marcy R3108	7.7	327.8	328.1	3066
3221 >E	Bowline 1 345kV Voltage	Pre-Fault	22.9	NA	345	3221
3221 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	7.7	327.8	327.9	3207
3221 >E	St.Lawrence 230kV Voltage	Pre-Fault	31.8	NA	225	3221
3222 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	7.8	327.8	327.8	3175
3222 >E	Gilboa 345kV Voltage	Volney-Marcy	7.8	327.8	327.8	3147
3224 >E	Gilboa 345kV Voltage	SBK Edic R70	7.8	327.8	327.5	3259
3226 >E	Gilboa 345kV Voltage	SBK Princetown 345	7.7	327.8	327.3	2965
3227 >E	Oakdale 345kV Voltage	Marcy South S.	7.2	320	329.1	3629
3227 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	8.8	327.8	327.9	3212
3227 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	8.8	327.8	327.9	3212
3229 >E	Bowline 2 345kV Voltage	Pre-Fault	22.4	NA	345	3229
3229 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	8.9	327.8	327.6	3154
3229 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	8.9	327.8	327.6	3154
3230 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	8.9	327.8	327.5	3184
3230 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	8.9	327.8	327.5	3184
3231 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	9.0	327.8	327.4	3266
3231 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	9.0	327.8	327.4	3266
3232 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	8.9	327.8	327.3	3077
3232 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	8.9	327.8	327.3	3077
3236 >E	Station 80 345kV Voltage	Marcy South N.	13.8	327.8	340.1	3864
3237 >E	Buchanan North 345kV Voltage	Ravenswood 3	16.0	327.8	336.9	3328
3239 >E	St.Lawrence 230kV Voltage	Marcy South N.	21.2	218.5	225.0	3865
3239 >E	Fraser 345kV Voltage	Marcy South N.	12.3	327.8	327.8	3865
3242 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	16.9	218.5	224.3	2298
3243 >E	Ramapo 500kV Voltage	Marcy South S.	26.7	500	504.8	3631
3248 >E	Millwood 345kV Voltage	Ravenswood 3	16.3	327.8	336.9	3339
3249 >E	St.Lawrence 230kV Voltage	SBK Edic R945	17.6	218.5	224.1	2294
3255 >E	Clay 345kV Voltage	SBK Marcy R3108	9.3	327.8	330.5	3096
3260 >E	Clay 345kV Voltage	Ravenswood 3	8.5	327.8	330.0	3350
3261 >E	Station 80 345kV Voltage	Ravenswood 3	9.8	327.8	329.7	3351
3265 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	9.1	327.8	323.5	2998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3265 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	9.1	327.8	323.5	2998
3269 >E	Rock Tavern 345kV Voltage	Ravenswood 3	12.5	327.8	337.5	3358
3269 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	13.9	327.8	335.5	2308
3272 >E	Buchanan North 345kV Voltage	SBK Edic R945	14.1	327.8	335.4	2302
3274 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	14.1	327.8	335.3	2212
3274 >E	Buchanan South 345kV Voltage	Ravenswood 3	16.0	327.8	337.4	3363
3274 >E	Station 80 345kV Voltage	SBK Marcy R3108	10.5	327.8	328.4	3113
3276 >E	Clay 345kV Voltage	SBK Princetown 345	9.1	327.8	328.2	3006
3279 >E	Clay 345kV Voltage	N.Scot-Leeds 345	9.1	327.8	327.9	3233
3279 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	9.2	327.8	327.9	3231
3279 >E	Clay 345kV Voltage	Princetown-N.Scot 345	9.2	327.8	327.8	3264
3280 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	10.2	327.8	327.8	3234
3280 >E	Station 80 345kV Voltage	SBK Princetown 345	10.3	327.8	327.8	3010
3280 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	10.3	327.8	327.8	3232
3280 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	10.3	327.8	327.8	3265
3283 >E	Pannell Road 345kV Voltage	Ravenswood 3	10.5	327.8	329.8	3371
3287 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	20.6	218.5	222.9	2215
3287 >E	Station 80 345kV Voltage	Volney-Marcy	11.0	327.8	327.1	3210
3287 >E	Clay 345kV Voltage	Volney-Marcy	10.4	327.8	327.0	3210
3293 >E	Leeds 345kV Voltage	Marcy South N.	11.9	327.8	349.2	3872
3294 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	11.3	327.8	328.8	3130
3298 >E	Clay 345kV Voltage	Ph2 DC 1500	13.6	327.8	346.3	3490
3304 >E	Pannell Road 345kV Voltage	SBK Princetown 345	11.1	327.8	327.9	3029
3304 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	11.1	327.8	327.9	3259
3305 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	11.1	327.8	327.8	3256
3305 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	11.1	327.8	327.8	3289
3305 >E	Station 80 345kV Voltage	SBK Edic R70	11.4	327.8	325.4	3342
3307 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	16.8	327.8	332.3	2323
3309 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	13.1	327.8	338.8	2323
3310 >E	Sprain Brook 345kV Voltage	SBK Edic R945	17.0	327.8	332.2	2315
3312 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	17.3	327.8	332.3	2324
3312 >E	Ramapo 345kV Voltage	SBK Edic R945	13.3	327.8	338.7	2316
3314 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	17.1	327.8	332.1	2221
3314 >E	Dunwoodie 345kV Voltage	SBK Edic R945	17.4	327.8	332.2	2317
3315 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	13.3	327.8	338.6	2221
3315 >E	Pannell Road 345kV Voltage	Volney-Marcy	12.1	327.8	326.9	3236
3319 >E	Clay 345kV Voltage	Marcy South S.	12.2	327.8	342.3	3639
3319 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	17.5	327.8	332.0	2222

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3320 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	15.3	327.8	333.6	2327
3321 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	14.4	327.8	335.3	2328
3323 >E	Millwood 345kV Voltage	SBK Edic R945	15.4	327.8	333.5	2320
3324 >E	Buchanan South 345kV Voltage	SBK Edic R945	14.6	327.8	335.1	2320
3327 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	15.5	327.8	333.3	2223
3328 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	14.6	327.8	335.0	2224
3328 >E	Ramapo 345kV Voltage	Ravenswood 3	16.1	327.8	338.0	3414
3332 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	13.2	327.8	338.6	2332
3333 >E	Ramapo 500kV Voltage	SBK Princetown 345	34.7	500	501.9	3054
3335 >E	Ladentown 345kV Voltage	Ravenswood 3	15.7	327.8	338.4	3420
3336 >E	Ladentown 345kV Voltage	SBK Edic R945	13.4	327.8	338.4	2324
3338 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	26.4	218.5	221.4	3167
3338 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	13.4	327.8	338.3	2226
3342 >E	Clay 345kV Voltage	SBK Edic R70	11.5	327.8	321.0	3381
3345 >E	Pannell Road 345kV Voltage	SBK Edic R70	12.8	327.8	324.2	3383
3351 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	13.1	327.8	339.3	2339
3352 >E	Pleasant Valley 345kV Voltage	Marcy South S.	20.7	327.8	345.0	3643
3353 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	16.6	327.8	333.8	3437
3354 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	12.9	327.8	339.4	2341
3356 >E	Bowline 1 345kV Voltage	SBK Edic R945	13.3	327.8	339.1	2331
3358 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	13.3	327.8	339.0	2230
3358 >E	Bowline 2 345kV Voltage	SBK Edic R945	13.1	327.8	339.2	2332
3359 >E	Bowline 1 345kV Voltage	Ravenswood 3	15.6	327.8	339.0	3442
3361 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	13.1	327.8	339.1	2231
3362 >E	Bowline 2 345kV Voltage	Ravenswood 3	15.4	327.8	339.1	3445
3371 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	15.4	327.8	332.2	3085
3373 >E	Leeds 345kV Voltage	Ph2 DC 1500	13.1	327.8	350.4	3533
3383 >E	Somerset 345kV Voltage	Pre-Fault	20.5	NA	338	3383
3387 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	41.3	500	500.7	3341
3388 >E	St.Lawrence 230kV Voltage	Ravenswood 3	29.2	218.5	219.8	3470
3391 >E	St.Lawrence 230kV Voltage	Volney-Marcy	30.4	218.5	219.7	3309
3391 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	21.3	327.8	328.7	3102
3394 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	12.4	327.8	327.8	3377
3394 >E	Leeds 345kV Voltage	Ravenswood 3	12.4	327.8	327.8	3475
3394 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	12.4	327.8	327.8	2356
3394 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	12.4	327.8	327.8	2238
3394 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	12.4	327.8	327.8	3348
3394 >E	Leeds 345kV Voltage	SBK Edic R945	12.4	327.8	327.8	2345
3394 >E	Leeds 345kV Voltage	Volney-Marcy	12.4	327.8	327.8	3312
3394 >E	Leeds 345kV Voltage	SBK Marcy R3108	12.4	327.8	327.8	3216
3394 >E	Leeds 345kV Voltage	SBK Edic R70	12.4	327.8	327.8	3434

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0G_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3394 >E	Leeds 345kV Voltage	SBK Princetown 345	12.4	327.8	327.8	3104
3394 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	12.4	327.8	327.8	3342
3396 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	15.9	327.8	331.6	2356
3397 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	21.8	327.8	328.7	3106
3397 >E	Buchanan North 345kV Voltage	SBK Princetown 345	19.9	327.8	329.9	3107
3398 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	16.0	327.8	331.5	2346
3399 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	22.6	327.8	328.4	3353
3401 >E	Ramapo 500kV Voltage	SBK Marcy R3108	42.7	500	500.4	3222
3402 >E	Ramapo 500kV Voltage	Volney-Marcy	43.1	500	500.3	3319
3404 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	16.1	327.8	331.2	2240
3404 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	23.1	327.8	328.4	3358
3405 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	15.3	327.8	336.7	2360
3407 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	20.6	327.8	343.0	3552
3409 >E	Roseton 345kV Voltage	SBK Edic R945	15.5	327.8	336.5	2350
3410 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	43.5	500	500.2	3358
3410 >E	Sprain Brook 345kV Voltage	SBK Edic R70	23.2	327.8	327.9	3451
3412 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	23.3	327.8	327.8	3395
3413 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	15.6	327.8	336.3	2242
3413 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	23.3	327.8	327.8	3361
3414 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	43.7	500	500.1	3396
3416 >E	Dunwoodie 345kV Voltage	SBK Edic R70	23.8	327.8	327.9	3457
3416 >E	Ramapo 500kV Voltage	SBK Edic R70	44.1	500	500.0	3457
3417 >E	Ramapo 500kV Voltage	Pre-Fault	44.0	NA	500	3417
3418 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	23.8	327.8	327.8	3401
3419 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	23.8	327.8	327.8	3366
3419 >E	Sprain Brook 345kV Voltage	Volney-Marcy	23.4	327.8	327.5	3336
3420 >E	Somerset 345kV Voltage	Marcy South N.	17.5	327.8	336.7	3887
3420 >E	Millwood 345kV Voltage	SBK Princetown 345	19.9	327.8	329.1	3126
3425 >E	Dunwoodie 345kV Voltage	Volney-Marcy	24.0	327.8	327.5	3342
3428 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	22.2	327.8	328.6	3382
3429 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	31.9	218.5	218.5	3411
3430 >E	Roseton 345kV Voltage	Ravenswood 3	17.9	327.8	335.6	3508
3430 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	31.9	218.5	218.5	3377
3430 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	31.9	218.5	218.5	3384
3431 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	23.8	327.8	327.1	3248
3431 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	21.2	327.8	328.6	3385

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0G_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3437 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	24.4	327.8	327.0	3253
3437 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	32.2	218.5	218.2	3140
3438 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	18.8	327.8	328.8	3391
3442 >E	Buchanan North 345kV Voltage	SBK Edic R70	22.9	327.8	328.0	3483
3442 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	40.0	218.5	226.6	3572
3444 >E	Buchanan South 345kV Voltage	SBK Princetown 345	19.6	327.8	329.7	3145
3444 >E	Station 80 345kV Voltage	Ph2 DC 1500	23.5	327.8	341.9	3573
3445 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	22.9	327.8	327.9	3391
3445 >E	Millwood 345kV Voltage	SBK Edic R70	21.9	327.8	328.0	3487
3445 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	22.9	327.8	327.9	3427
3447 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	18.9	327.8	329.0	3400
3447 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	15.5	327.8	334.9	2376
3448 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	22.0	327.8	327.8	3430
3448 >E	Rock Tavern 345kV Voltage	SBK Edic R70	19.3	327.8	328.3	3490
3448 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	22.0	327.8	327.8	3395
3451 >E	Buchanan North 345kV Voltage	Volney-Marcy	23.0	327.8	327.6	3366
3453 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	19.4	327.8	328.0	3399
3455 >E	Millwood 345kV Voltage	Volney-Marcy	22.1	327.8	327.5	3370
3455 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	19.4	327.8	327.9	3437
3456 >E	Pleasant Valley 345kV Voltage	Marcy South N.	22.8	327.8	341.3	3892
3457 >E	St.Lawrence 230kV Voltage	SBK Edic R70	34.5	218.5	217.6	3499
3458 >E	Somerset 345kV Voltage	SBK Edic R945	16.0	327.8	334.4	2367
3464 >E	Rock Tavern 345kV Voltage	Volney-Marcy	19.6	327.8	327.4	3379
3465 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	23.5	327.8	327.0	3277
3465 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	16.3	327.8	334.0	2254
3466 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	18.8	327.8	328.0	3163
3466 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	21.3	327.8	328.7	3420
3467 >E	Pannell Road 345kV Voltage	Marcy South S.	19.9	327.8	339.0	3657
3467 >E	Millwood 345kV Voltage	SBK Marcy R3108	22.4	327.8	327.0	3279
3469 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	19.6	327.8	327.9	3451
3470 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	19.7	327.8	327.8	3512
3470 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	28.4	327.8	342.6	3588
3472 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	19.7	327.8	327.7	3417
3473 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	22.3	327.8	346.4	3589
3477 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	19.8	327.8	327.5	3391
3482 >E	Buchanan South 345kV Voltage	SBK Edic R70	22.0	327.8	328.0	3524
3485 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	22.0	327.8	327.9	3466

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0G_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3485 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	22.0	327.8	327.9	3430
3486 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	20.0	327.8	327.0	3295
3490 >E	Ramapo 345kV Voltage	SBK Princetown 345	20.2	327.8	331.4	3184
3491 >E	Buchanan South 345kV Voltage	Volney-Marcy	22.1	327.8	327.6	3405
3492 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	20.3	327.8	326.0	3301
3494 >E	St.Lawrence 230kV Voltage	Marcy South S.	38.7	218.5	224.5	3660
3503 >E	Ladentown 345kV Voltage	SBK Princetown 345	19.5	327.8	331.1	3194
3504 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	23.8	327.8	345.6	3607
3505 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	22.5	327.8	326.9	3312
3520 >E	Coopers Corners 345kV Voltage	Marcy South N.	18.9	327.8	313.0	3900
3527 >E	Ramapo 500kV Voltage	Marcy South N.	68.5	500	506.3	3901
3528 >E	Station 80 345kV Voltage	Marcy South S.	23.4	327.8	337.7	3664
3534 >E	Bowline 1 345kV Voltage	SBK Princetown 345	19.4	327.8	331.4	3219
3534 >E	Bowline 2 345kV Voltage	SBK Princetown 345	19.1	327.8	331.4	3220
3540 >E	Watercure 230kV Voltage	Ph2 DC 1500	23.7	207	223.9	3627
3546 >E	Millwood 345kV Voltage	Ph2 DC 1500	30.0	327.8	344.2	3630
3546 >E	Somerset 345kV Voltage	Ravenswood 3	19.3	327.8	330.0	3617
3546 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	22.0	207	228.2	2414
3551 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	23.3	327.8	328.9	3504
3554 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	22.0	327.8	328.9	3507
3556 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	28.6	327.8	345.2	3637
3557 >E	Roseton 345kV Voltage	SBK Princetown 345	20.8	327.8	330.2	3239
3569 >E	Ramapo 345kV Voltage	SBK Edic R70	24.1	327.8	328.1	3614
3571 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	36.0	327.8	342.2	3645
3572 >E	Ladentown 345kV Voltage	SBK Edic R70	22.8	327.8	328.1	3618
3573 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	24.1	327.8	327.9	3515
3575 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	24.2	327.8	327.9	3555
3576 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	22.8	327.8	327.9	3518
3576 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	36.5	327.8	342.2	3648
3577 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	22.8	327.8	327.9	3557
3581 >E	Ramapo 345kV Voltage	Volney-Marcy	24.3	327.8	327.6	3491
3581 >E	Ramapo 345kV Voltage	Ph2 DC 1500	27.7	327.8	346.3	3650
3582 >E	Watercure 230kV Voltage	SBK Edic R945	23.7	207	227.9	2410
3583 >E	Ladentown 345kV Voltage	Volney-Marcy	22.9	327.8	327.6	3493
3589 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	21.6	327.8	328.9	3542
3589 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	22.0	327.8	328.9	3542
3591 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	22.6	327.8	328.7	3543
3591 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	20.4	327.8	327.8	3544

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0G_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3592 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	20.5	327.8	327.8	3572
3592 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	20.5	327.8	327.8	3534
3594 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	24.3	207	227.8	2282
3595 >E	Somerset 345kV Voltage	SBK Princetown 345	20.6	327.8	327.6	3271
3601 >E	Ladentown 345kV Voltage	SBK Marcy R3108	23.4	327.8	326.8	3394
3601 >E	Ramapo 345kV Voltage	SBK Marcy R3108	24.8	327.8	326.8	3394
3603 >E	Niagara 345kV Voltage	Marcy South N.	20.4	327.8	333.1	3910
3607 >E	Somerset 345kV Voltage	SBK Marcy R3108	21.2	327.8	327.1	3399
3608 >E	Bowline 2 345kV Voltage	SBK Edic R70	22.3	327.8	328.1	3654
3608 >E	Roseton 345kV Voltage	SBK Edic R70	23.3	327.8	328.0	3654
3608 >E	Bowline 1 345kV Voltage	SBK Edic R70	22.7	327.8	328.1	3655
3611 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	23.3	327.8	327.9	3590
3611 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	23.3	327.8	327.9	3552
3611 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	22.3	327.8	327.9	3552
3612 >E	Ladentown 345kV Voltage	Ph2 DC 1500	27.3	327.8	347.5	3668
3612 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	22.8	327.8	327.9	3553
3612 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	22.3	327.8	327.9	3592
3613 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	22.8	327.8	327.9	3593
3619 >E	Bowline 2 345kV Voltage	Volney-Marcy	22.4	327.8	327.6	3527
3619 >E	Roseton 345kV Voltage	Volney-Marcy	23.5	327.8	327.5	3527
3620 >E	Bowline 1 345kV Voltage	Volney-Marcy	22.9	327.8	327.6	3528
3626 >E	Somerset 345kV Voltage	Volney-Marcy	22.0	327.8	326.1	3533
3637 >E	Roseton 345kV Voltage	SBK Marcy R3108	24.0	327.8	326.7	3426
3637 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	22.9	327.8	326.8	3426
3639 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	23.4	327.8	326.8	3427
3646 >E	Somerset 345kV Voltage	SBK Edic R70	22.6	327.8	325.2	3694
3654 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	27.2	327.8	348.9	3692
3658 >E	Millwood 345kV Voltage	Marcy South S.	36.5	327.8	341.0	3680
3664 >E	Roseton 345kV Voltage	Ph2 DC 1500	27.5	327.8	348.4	3697
3666 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	27.2	327.8	349.2	3698
3697 >E	Dunwoodie 345kV Voltage	Marcy South S.	45.0	327.8	339.4	3684
3698 >E	Millwood 345kV Voltage	Marcy South N.	36.7	327.8	335.4	3922
3699 >E	Sprain Brook 345kV Voltage	Marcy South S.	44.6	327.8	339.4	3685
3710 >E	Dunwoodie 345kV Voltage	Marcy South N.	43.3	327.8	334.2	3924
3713 >E	Sprain Brook 345kV Voltage	Marcy South N.	43.1	327.8	334.2	3924
3724 >E	Roseton 345kV Voltage	Marcy South S.	30.3	327.8	344.5	3688
3759 >E	Roseton 345kV Voltage	Marcy South N.	30.3	327.8	339.0	3930

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3761 >E	Buchanan South 345kV Voltage	Marcy South S.	36.7	327.8	341.1	3692
3776 >E	Watercure 230kV Voltage	Marcy South N.	47.0	207	239.0	3932
3780 >E	Buchanan North 345kV Voltage	Marcy South S.	39.0	327.8	337.7	3694
3809 >E	Buchanan South 345kV Voltage	Marcy South N.	38.4	327.8	334.9	3936
3809 >E	Buchanan North 345kV Voltage	Marcy South N.	42.0	327.8	332.4	3936
3829 >E	Rock Tavern 345kV Voltage	Marcy South N.	31.3	327.8	327.2	3939
3897 >E	Rainey 345kV Voltage	Ravenswood 3	42.6	327.8	342.7	3945
3949 >E	Farragut 345kV Voltage	Ravenswood 3	44.9	327.8	342.0	3993
3959 >E	Somerset 345kV Voltage	Ph2 DC 1500	40.0	327.8	343.5	3864
4004 >E	Ladentown 345kV Voltage	Marcy South S.	38.4	327.8	341.1	3721
4012 >E	Niagara 345kV Voltage	Pre-Fault	47.2	NA	338	4012
4030 >E	Ramapo 345kV Voltage	Marcy South S.	40.3	327.8	339.5	3724
4067 >E	Bowline 1 345kV Voltage	Marcy South S.	38.4	327.8	342.1	3728
4070 >E	Ramapo 345kV Voltage	Marcy South N.	44.0	327.8	331.5	3969
4076 >E	Niagara 230kV East Voltage	Marcy South N.	71.0	218.5	222.3	3970
4076 >E	Niagara 230kV West Voltage	Marcy South N.	71.0	218.5	222.3	3970
4083 >E	Bowline 2 345kV Voltage	Marcy South S.	38.3	327.8	342.4	3730
4095 >E	Ladentown 345kV Voltage	Marcy South N.	43.3	327.8	332.5	3972
4114 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	35.2	327.8	335.8	2632
4146 >E	Niagara 345kV Voltage	SBK Edic R945	36.3	327.8	335.2	2607
4165 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	37.0	327.8	334.8	2407
4168 >E	Bowline 1 345kV Voltage	Marcy South N.	43.4	327.8	332.8	3981
4182 >E	Somerset 345kV Voltage	Marcy South S.	44.1	327.8	338.7	3742
4219 >E	Rock Tavern 345kV Voltage	Marcy South S.	42.3	327.8	333.2	3746
4251 >E	Rainey 345kV Voltage	Pre-Fault	74.9	NA	338	4251
4257 >E	Farragut 345kV Voltage	Pre-Fault	77.8	NA	338	4257
4265 >E	Bowline 2 345kV Voltage	Marcy South N.	46.2	327.8	331.6	3993
4294 >E	Niagara 230kV East Voltage	Pre-Fault	136.2	NA	225	4294
4294 >E	Niagara 230kV West Voltage	Pre-Fault	136.2	NA	225	4294
4357 >E	Goethals 345kV Voltage	Ravenswood 3	61.2	327.8	340.6	4375
4380 >E	Niagara 345kV Voltage	Ravenswood 3	44.3	327.8	330.2	4397
4491 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	47.1	327.8	327.8	4439
4495 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	47.2	327.8	327.8	4461
4496 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	47.3	327.8	327.7	4408
4498 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	55.4	327.8	334.7	2780
4509 >E	Niagara 345kV Voltage	SBK Princetown 345	47.7	327.8	327.5	4025
4514 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	94.8	218.5	223.4	2786
4514 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	94.8	218.5	223.4	2786
4515 >E	Rainey 345kV Voltage	SBK Edic R945	56.1	327.8	334.5	2736
4524 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	56.3	327.8	334.4	2485

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4527 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	57.7	327.8	334.5	2791
4543 >E	Farragut 345kV Voltage	SBK Edic R945	58.3	327.8	334.3	2746
4552 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	58.5	327.8	334.2	2491
4565 >E	Niagara 230kV East Voltage	SBK Edic R945	98.2	218.5	223.0	2754
4565 >E	Niagara 230kV West Voltage	SBK Edic R945	98.2	218.5	223.0	2754
4566 >E	Niagara 345kV Voltage	SBK Marcy R3108	49.5	327.8	326.3	4227
4596 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	100.3	218.5	222.8	2501
4596 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	100.3	218.5	222.8	2501
4605 >E	Niagara 345kV Voltage	Volney-Marcy	51.0	327.8	325.4	4470
4619 >E	Goethals 345kV Voltage	Pre-Fault	102.6	NA	338	4619
4644 >E	Niagara 345kV Voltage	SBK Edic R70	52.3	327.8	324.6	4723
4831 >E	Coopers Corners 345kV Voltage	Marcy South S.	47.7	327.8	278.1	3819
4855 >E	Rainey 345kV Voltage	SBK Princetown 345	68.5	327.8	329.9	4311
4873 >E	Watercure 230kV Voltage	Ravenswood 3	73.8	207	216.2	4857
4886 >E	Farragut 345kV Voltage	SBK Princetown 345	71.0	327.8	329.9	4337
4971 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	73.4	327.8	328.4	4917
4991 >E	Niagara 230kV East Voltage	Ravenswood 3	126.1	218.5	219.9	4968
4991 >E	Niagara 230kV West Voltage	Ravenswood 3	126.1	218.5	219.9	4968
5007 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	76.2	327.8	328.3	4952
5008 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	74.6	327.8	327.9	4966
5010 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	74.7	327.8	327.9	4905
5011 >E	Watercure 230kV Voltage	Pre-Fault	110.8	NA	215	5011
5020 >E	Rainey 345kV Voltage	SBK Edic R70	75.2	327.8	327.7	5111
5030 >E	Rainey 345kV Voltage	Volney-Marcy	75.3	327.8	327.6	4876
5043 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	77.5	327.8	327.9	5000
5043 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	77.5	327.8	327.9	4937
5056 >E	Farragut 345kV Voltage	SBK Edic R70	78.1	327.8	327.7	5149
5057 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	79.0	327.8	333.7	2995
5064 >E	Farragut 345kV Voltage	Volney-Marcy	78.1	327.8	327.6	4909
5068 >E	Rainey 345kV Voltage	SBK Marcy R3108	76.5	327.8	327.1	4659
5080 >E	Goethals 345kV Voltage	SBK Edic R945	79.9	327.8	333.5	2933
5091 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	80.2	327.8	333.4	2609
5104 >E	Farragut 345kV Voltage	SBK Marcy R3108	79.4	327.8	327.1	4690
5174 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	135.9	218.5	218.5	5119
5174 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	135.9	218.5	218.5	5119
5180 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	136.3	218.5	218.5	5135
5180 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	136.3	218.5	218.5	5135
5184 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	136.5	218.5	218.5	5073

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0G_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5184 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	136.5	218.5	218.5	5073
5203 >E	Niagara 230kV East Voltage	SBK Princetown 345	137.8	218.5	218.3	4599
5203 >E	Niagara 230kV West Voltage	SBK Princetown 345	137.8	218.5	218.3	4599
5218 >E	Niagara 345kV Voltage	Ph2 DC 1500	76.4	327.8	344.6	4577
5307 >E	Niagara 230kV East Voltage	SBK Marcy R3108	144.2	218.5	217.6	4866
5307 >E	Niagara 230kV West Voltage	SBK Marcy R3108	144.2	218.5	217.6	4866
5372 >E	Niagara 230kV East Voltage	Volney-Marcy	148.8	218.5	217.1	5204
5372 >E	Niagara 230kV West Voltage	Volney-Marcy	148.8	218.5	217.1	5204
5401 >E	Watercure 230kV Voltage	SBK Marcy R3108	96.3	207	211.5	4947
5439 >E	Niagara 230kV East Voltage	SBK Edic R70	153.4	218.5	216.6	5544
5439 >E	Niagara 230kV West Voltage	SBK Edic R70	153.4	218.5	216.6	5544
5449 >E	Goethals 345kV Voltage	SBK Princetown 345	93.7	327.8	329.9	4803
5654 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	102.1	327.8	327.9	5528
5655 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	102.2	327.8	327.9	5603
5657 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	102.4	327.8	327.9	5598
5661 >E	Watercure 230kV Voltage	SBK Princetown 345	103.0	207	209.1	4978
5682 >E	Niagara 230kV East Voltage	Ph2 DC 1500	177.4	218.5	227.3	4839
5682 >E	Niagara 230kV West Voltage	Ph2 DC 1500	177.4	218.5	227.3	4839
5684 >E	Goethals 345kV Voltage	Volney-Marcy	103.1	327.8	327.6	5502
5697 >E	Goethals 345kV Voltage	SBK Edic R70	103.9	327.8	327.5	5809
5733 >E	Goethals 345kV Voltage	SBK Marcy R3108	104.8	327.8	327.1	5232
5765 >E	Rainey 345kV Voltage	Ph2 DC 1500	105.4	327.8	351.8	4887
5784 >E	Farragut 345kV Voltage	Ph2 DC 1500	108.2	327.8	351.3	4897
5806 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	107.3	207	207.8	5747
5814 >E	Niagara 345kV Voltage	Marcy South S.	91.1	327.8	339.2	3935
5856 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	109.4	207	207.4	5722
5881 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	110.2	207	207.1	5826
6115 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	110.8	207	225.9	3401
6329 >E	Watercure 230kV Voltage	Volney-Marcy	132.4	207	203.1	6119
6361 >E	Gardenville 230kV Voltage	SBK Edic R945	119.8	207	225.1	3381
6511 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	125.1	207	224.7	2919
6569 >E	Goethals 345kV Voltage	Ph2 DC 1500	140.1	327.8	351.5	5341
6589 >E	Gardenville 230kV Voltage	Marcy South N.	136.0	207	227.5	4285
6617 >E	Rainey 345kV Voltage	Marcy South N.	136.4	327.8	338.7	4288
6622 >E	Rainey 345kV Voltage	Marcy South S.	138.0	327.8	347.3	4031
6657 >E	Farragut 345kV Voltage	Marcy South S.	142.1	327.8	346.9	4035
6660 >E	Niagara 230kV East Voltage	Marcy South S.	230.3	218.5	224.7	4036
6660 >E	Niagara 230kV West Voltage	Marcy South S.	230.3	218.5	224.7	4036

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 OG_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6669 >E	Farragut 345kV Voltage	Marcy South N.	141.1	327.8	338.5	4295
6825 >E	Gardenville 230kV Voltage	Ph2 DC 1500	136.8	207	226.7	5487
7797 >E	Northport 138kV Voltage	Pre-Fault	535.0	NA	135	7797
7858 >E	Goethals 345kV Voltage	Marcy South S.	190.5	327.8	347.2	4178
7868 >E	Goethals 345kV Voltage	Marcy South N.	189.4	327.8	338.7	4445
8274 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	409.0	131.1	134.1	4230
8310 >E	Northport 138kV Voltage	SBK Edic R945	411.9	131.1	134.0	4061
8322 >E	Northport 138kV Voltage	Ravenswood 3	422.5	131.1	134.0	8080
8342 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	414.2	131.1	134.0	3320
8587 >E	Watercure 230kV Voltage	SBK Edic R70	215.5	207	182.7	8792
8989 >E	Gardenville 230kV Voltage	Pre-Fault	323.4	NA	217	8989
9429 >E	Northport 138kV Voltage	SBK Princetown 345	498.8	131.1	131.9	8092
9711 >E	Northport 138kV Voltage	N.Scot-Leeds 345	521.7	131.1	131.4	9632
9715 >E	Gardenville 230kV Voltage	Ravenswood 3	236.6	207	214.8	9381
9857 >E	Northport 138kV Voltage	SBK Edic R70	533.0	131.1	131.1	10102
9871 >E	Northport 138kV Voltage	Princetown-N.Scot 345	534.0	131.1	131.1	9754
9884 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	535.0	131.1	131.1	9617
9900 >E	Northport 138kV Voltage	Volney-Marcy	535.9	131.1	131.1	9534
9981 >E	Northport 138kV Voltage	SBK Marcy R3108	541.8	131.1	130.9	8894
11290 >E	Gardenville 230kV Voltage	Marcy South S.	293.9	207	232.9	4585
12059 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	317.9	207	207.5	11967
12221 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	323.4	207	207.0	12068
12225 >E	Gardenville 230kV Voltage	SBK Princetown 345	324.9	207	207.0	10402
12237 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	324.2	207	207.0	11892
12569 >E	Northport 138kV Voltage	Ph2 DC 1500	754.3	131.1	144.3	8738
13430 >E	Gardenville 230kV Voltage	SBK Marcy R3108	368.2	207	203.3	11868
15159 >E	Gardenville 230kV Voltage	Volney-Marcy	429.2	207	197.9	14564
16368 >E	Northport 138kV Voltage	Marcy South N.	1050.9	131.1	135.4	5510
16923 >E	Gardenville 230kV Voltage	SBK Edic R70	489.7	207	192.5	17391
25038	Northport 138kV Voltage	Marcy South S.	1742.0	131.1	142.2	6215

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

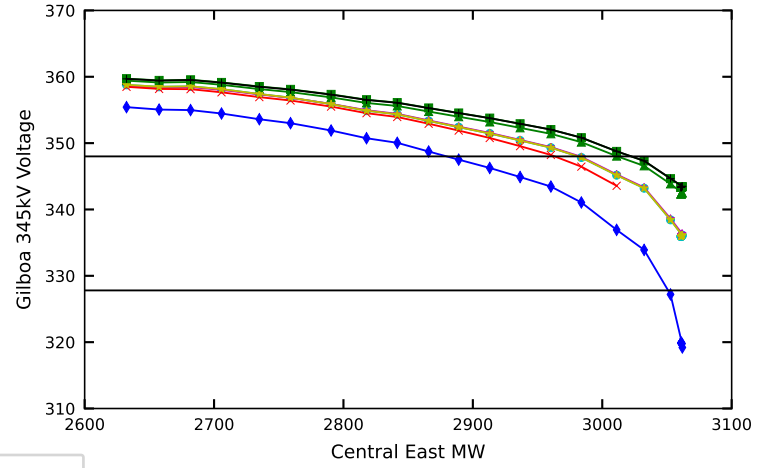
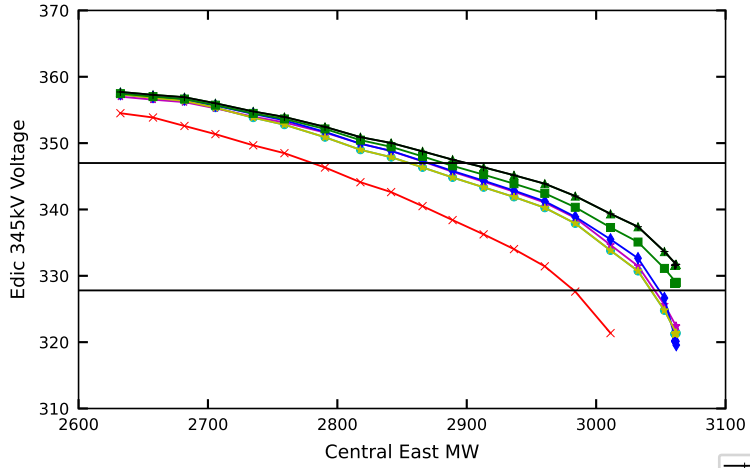
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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0G_CAP

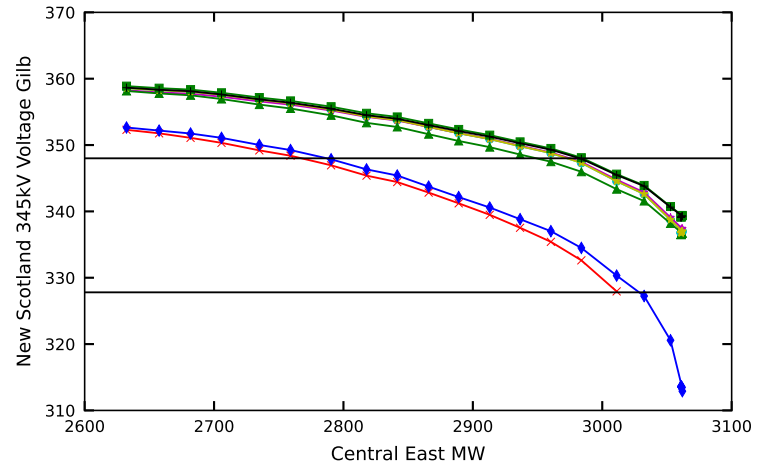
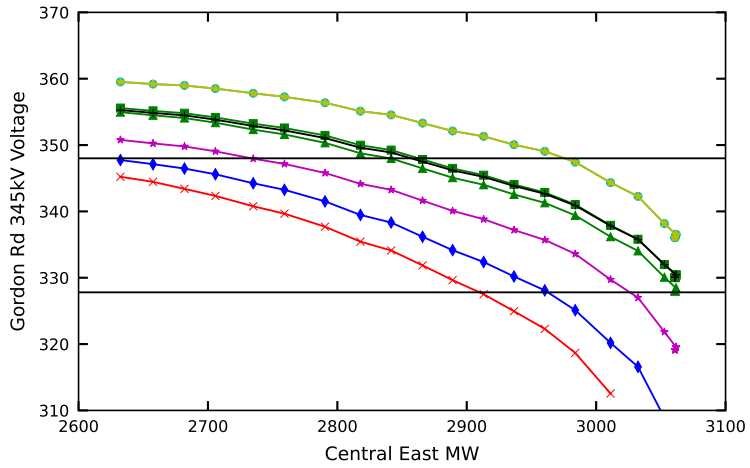
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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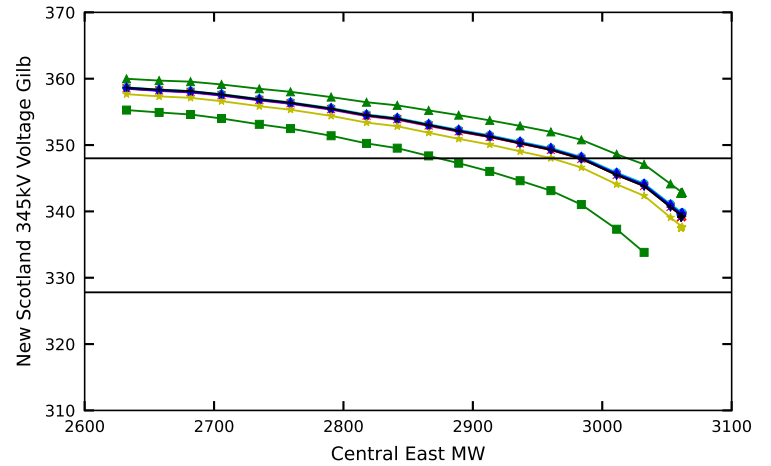
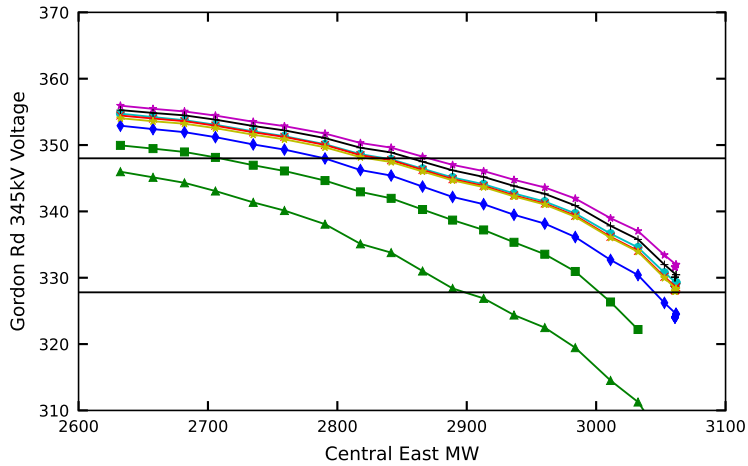
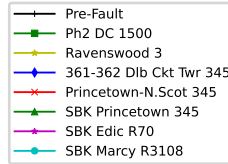
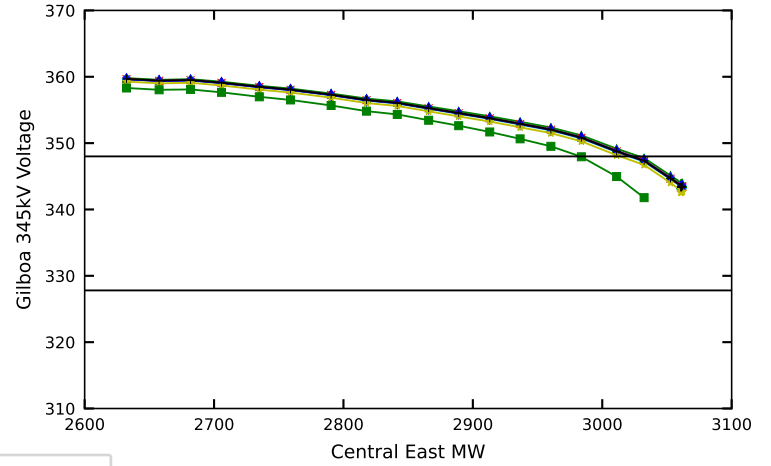
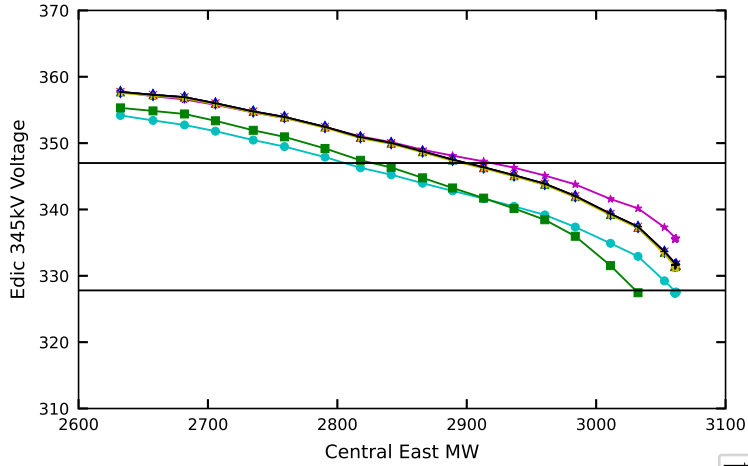
1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS Figure 1



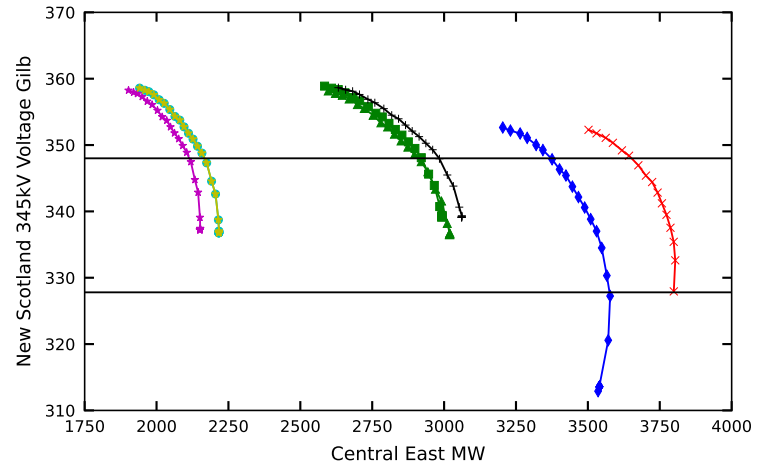
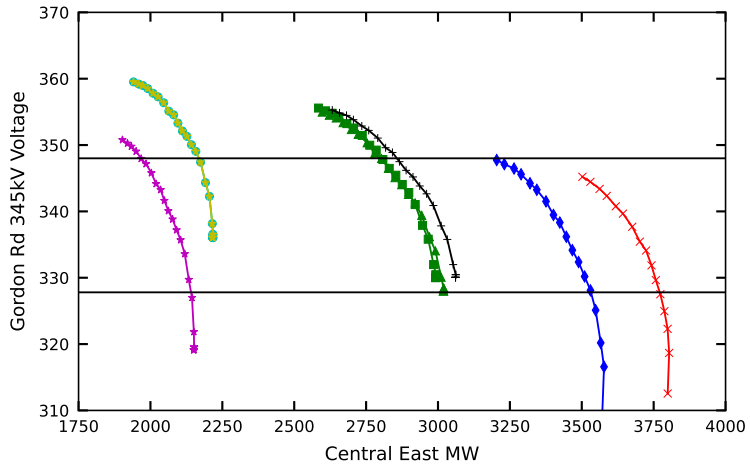
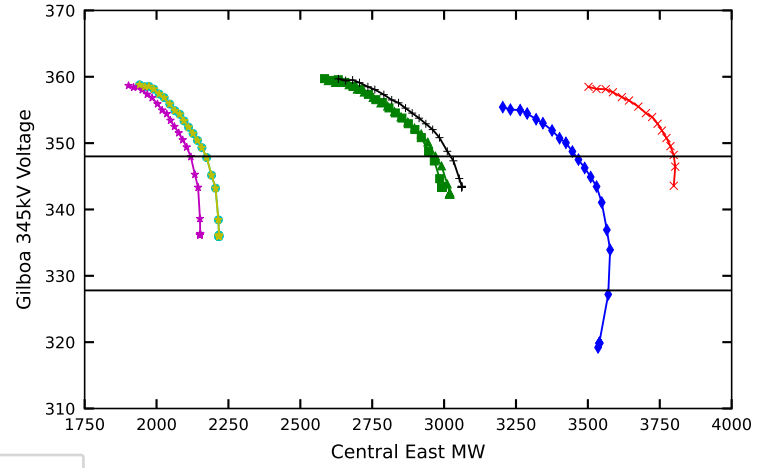
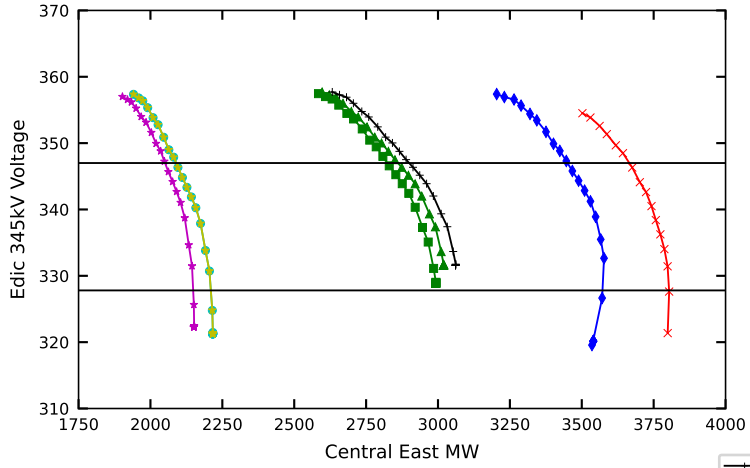
- +— Pre-Fault
- Volney-Marcy
- ◆— SBK Edic R945
- ◆— Marcy South S.
- x— Marcy South N.
- ▲— N.Scot-Leeds 345
- ◆— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS Figure 2

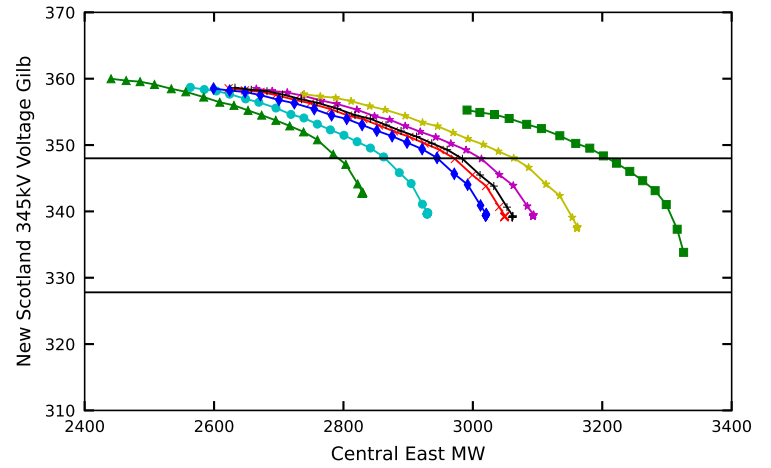
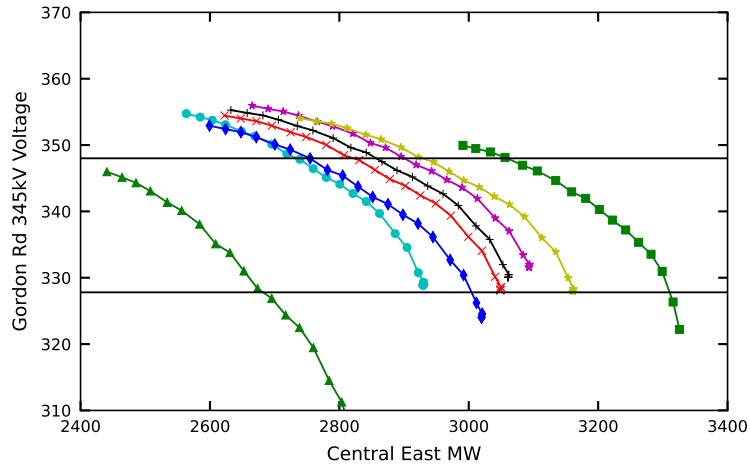
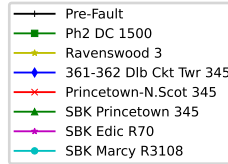
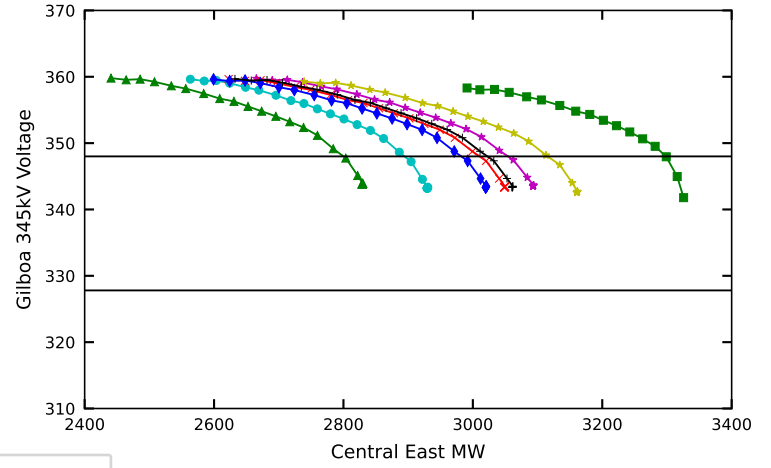
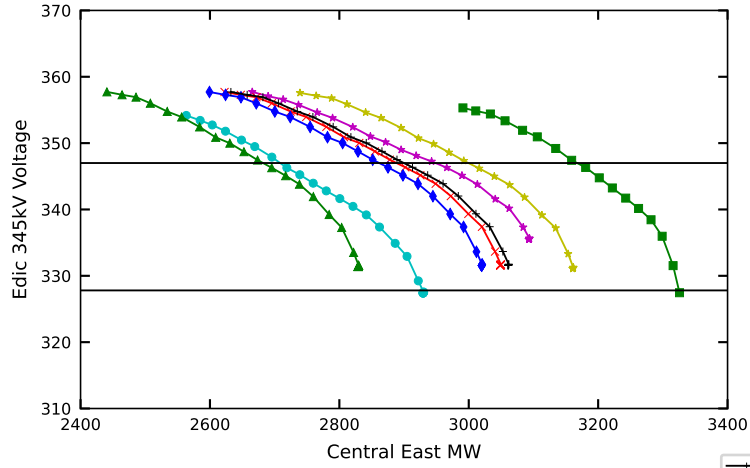


1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS Figure 1



- +— Pre-Fault
- Volney-Marcy
- ▲— SBK Edic R945
- ◆— Marcy South S.
- ×— Marcy South N.
- ▲— N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2632	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2657	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2681	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2705	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2734	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2759	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2790	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2817	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2841	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2865	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2889	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2913	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2936	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2960	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2983	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
3011	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
3032	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
3052	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	8															
3061	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	9															
3061	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	0															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	1															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	2															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	3															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	4															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-20-2023 11:41

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 5O 0L_CAPS

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\0L_CAPS\Sum2023_CEVC_PH2_5O_0L_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 5O 0L_CAPS

Interface: Central East

Dlb Ckt																									
Twr 345																									
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ravens																									
wood 3																									
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	
Ph2 DC																									
1500																									

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2800 >E	Dunwoodie 345kV Voltage	Pre-Fault	36.1	NA	348	2800
2806 >E	Sprain Brook 345kV Voltage	Pre-Fault	35.8	NA	348	2806
2834	limit with 5% margin	Marcy South N.	NA	NA	NA	3613
2839	Millwood 345kV Voltage	Pre-Fault	136.5	NA	348	2839
2857	Gordon Rd 345kV Voltage	Pre-Fault	17.5	NA	348	2857
2879	Marcy 345kV Voltage	Pre-Fault	18.3	NA	348	2879
2880	limit with 5% margin	Marcy South S.	NA	NA	NA	3398
2880	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3159
2898	Gordon Rd 345kV Voltage	SBK Princetown 345	16.0	327.8	345.8	2682
2899	Edic 345kV Voltage	Pre-Fault	20.8	NA	347	2899
2908	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2044
2908	limit with 5% margin	SBK Edic R945	NA	NA	NA	2106
2908	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2106
2908	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2869
2908	limit with 5% margin	Volney-Marcy	NA	NA	NA	2843
2908	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2783
2908	limit with 5% margin	SBK Edic R70	NA	NA	NA	2939
2908	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2688
2908	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2897
2908	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2869
2908	limit with 5% margin	Ravenswood 3	NA	NA	NA	3003
2909	Gordon Rd 345kV Voltage	Marcy South N.	11.3	327.8	345.3	3771
2941	Buchanan North 345kV Voltage	Pre-Fault	66.6	NA	346	2941
2962	Gordon Rd 345kV Voltage	Marcy South S.	7.9	327.8	342.5	3532
2982	New Scotland 345kV Voltage Alps	Pre-Fault	17.2	NA	348	2982
2982	New Scotland 345kV Voltage Gilb	Pre-Fault	17.2	NA	348	2982
2982	Edic 345kV Voltage	Marcy South N.	6.2	327.8	342.1	3803
2983	Marcy 345kV Voltage	Marcy South N.	6.1	327.8	341.9	3803
3002	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.9	327.8	338.8	3310
3003	Pleasant Valley 345kV Voltage	Pre-Fault	20.9	NA	348	3003
3012	Rock Tavern 345kV Voltage	Pre-Fault	23.8	NA	348	3012
3014 >E	Oakdale 345kV Voltage	Marcy South N.	6.1	320	344.3	3810
3022	Gilboa 345kV Voltage	Pre-Fault	14.8	NA	348	3022
3024 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.4	327.8	345.6	3813
3024 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.4	327.8	345.6	3813
3026	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.8	327.8	336.4	2141
3026	Buchanan South 345kV Voltage	Pre-Fault	32.8	NA	346	3026
3028	New Scotland 345kV Voltage Alps	Marcy South S.	6.9	327.8	344.1	3575
3028	New Scotland 345kV Voltage Gilb	Marcy South S.	6.9	327.8	344.1	3575
3030	Edic 345kV Voltage	Ph2 DC 1500	5.2	327.8	337.6	3324

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3030	Marcy 345kV Voltage	Ph2 DC 1500	5.2	327.8	337.4	3325
3033	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	339.5	2205
3034	Coopers Corners 345kV Voltage	SBK Edic R945	3.6	327.8	339.5	2205
3035	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	339.2	2145
3039	Marcy 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	335.9	2208
3039	Marcy 345kV Voltage	SBK Edic R945	3.4	327.8	335.9	2208
3042	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	335.6	2210
3042	Edic 345kV Voltage	SBK Edic R945	3.5	327.8	335.6	2210
3042	Coopers Corners 345kV Voltage	Pre-Fault	5.9	NA	338	3042
3045	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	4.9	327.8	333.4	3004
3045	Edic 345kV Voltage	Marcy-N.Scot99 345	3.5	327.8	335.0	2148
3046	Fraser 345kV Voltage	Pre-Fault	4.9	NA	338	3046
3047 >E	Ramapo 500kV Voltage	Ph2 DC 1500	21.4	500	507.2	3332
3047	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	337.8	2212
3047	Fraser 345kV Voltage	SBK Edic R945	3.0	327.8	337.8	2212
3048	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.5	327.8	334.2	2149
3049	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	337.5	2149
3051	Ramapo 500kV Voltage	Ravenswood 3	8.1	500	505.1	3152
3060	Ramapo 345kV Voltage	Pre-Fault	20.0	NA	346	3060
3060	Edic 345kV Voltage	SBK Marcy R3108	5.3	327.8	332.0	2928
3061	Station 80 345kV Voltage	Pre-Fault	11.3	NA	346	3061
3061	Oakdale 345kV Voltage	Pre-Fault	3.7	NA	335	3061
3064 >E	Gordon Rd 345kV Voltage	Ravenswood 3	5.4	327.8	330.0	3164
3064 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	4.9	327.8	329.9	3024
3065 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.1	320	334.4	2217
3065 >E	Oakdale 345kV Voltage	SBK Edic R945	2.4	320	333.9	2217
3065 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	5.4	327.8	329.7	3054
3066 >E	Pannell Road 345kV Voltage	Pre-Fault	9.6	NA	346	3066
3066 >E	Marcy 345kV Voltage	Volney-Marcy	4.3	327.8	330.4	2998
3066 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.5	320	333.6	2152
3067 >E	Edic 345kV Voltage	Volney-Marcy	4.4	327.8	330.6	2998
3068 >E	Edic 345kV Voltage	Marcy South S.	7.5	327.8	334.1	3596
3068 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	6.1	327.8	340.9	3342
3068 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	6.1	327.8	340.9	3342
3069 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	5.5	327.8	329.0	2937
3069 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	8.0	500	504.1	2217
3070 >E	Marcy 345kV Voltage	Marcy South S.	7.4	327.8	333.8	3597
3071 >E	Leeds 345kV Voltage	Pre-Fault	7.2	NA	345	3071
3073 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	5.9	327.8	336.4	3344
3075 >E	Gilboa 345kV Voltage	Marcy South S.	7.0	327.8	344.4	3600

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3076 >E	Gordon Rd 345kV Voltage	Volney-Marcy	5.5	327.8	327.9	3007
3076 >E	Ladentown 345kV Voltage	Pre-Fault	13.0	NA	346	3076
3076 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	16.0	500	504.2	2153
3077 >E	Coopers Corners 345kV Voltage	Ravenswood 3	5.4	327.8	332.1	3178
3077 >E	Marcy 345kV Voltage	Ravenswood 3	4.7	327.8	328.0	3178
3077 >E	Edic 345kV Voltage	Ravenswood 3	4.7	327.8	328.3	3178
3078 >E	Ramapo 500kV Voltage	SBK Edic R945	15.9	500	504.2	2220
3078 >E	Clay 345kV Voltage	Pre-Fault	7.0	NA	345	3078
3078 >E	Marcy 345kV Voltage	SBK Marcy R3108	4.6	327.8	327.8	2944
3078 >E	Marcy 345kV Voltage	SBK Edic R70	4.6	327.8	327.8	3114
3078 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	327.8	3045
3078 >E	Marcy 345kV Voltage	SBK Princetown 345	4.6	327.8	327.8	2843
3078 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	4.6	327.8	327.8	3069
3078 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	327.8	3045
3079 >E	Edic 345kV Voltage	SBK Princetown 345	4.6	327.8	328.0	2843
3079 >E	Fraser 345kV Voltage	Ph2 DC 1500	4.8	327.8	335.9	3347
3079 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	327.9	3046
3079 >E	Edic 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	327.8	3046
3079 >E	Edic 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	3070
3086 >E	Gordon Rd 345kV Voltage	SBK Edic R70	5.8	327.8	326.1	3123
3087 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	3.1	327.8	339.5	2219
3089 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	5.3	327.8	330.0	2851
3090 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.4	327.8	343.3	2220
3093 >E	Gilboa 345kV Voltage	SBK Edic R945	3.9	327.8	339.3	2224
3093 >E	Roseton 345kV Voltage	Pre-Fault	11.8	NA	345	3093
3094 >E	Fraser 345kV Voltage	SBK Marcy R3108	4.7	327.8	327.8	2958
3094 >E	Fraser 345kV Voltage	SBK Edic R70	4.7	327.8	327.8	3133
3094 >E	Fraser 345kV Voltage	SBK Princetown 345	4.7	327.8	327.8	2855
3094 >E	Fraser 345kV Voltage	Ravenswood 3	4.7	327.8	327.8	3196
3094 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	327.8	3068
3094 >E	Fraser 345kV Voltage	Volney-Marcy	4.7	327.8	327.8	3027
3094 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	3087
3094 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	327.8	3068
3095 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	339.1	2155
3096 >E	Coopers Corners 345kV Voltage	SBK Edic R70	5.7	327.8	328.8	3135
3096 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	328.7	3071
3099 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.9	320	334.5	3357
3099 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr	5.6	327.8	328.3	3074

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3099 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	323.7	2221
3100 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	4.2	327.8	333.2	2221
3100 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	4.2	327.8	333.2	2221
3101 >E	Edic 345kV Voltage	SBK Edic R70	5.0	327.8	323.3	3141
3101 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	5.7	327.8	327.9	3094
3104 >E	Coopers Corners 345kV Voltage	Volney-Marcy	5.7	327.8	327.4	3037
3108 >E	Clay 345kV Voltage	SBK Edic R945	3.9	327.8	340.7	2227
3109 >E	Gordon Rd 345kV Voltage	SBK Edic R945	5.5	327.8	322.4	2227
3109 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	5.2	327.8	332.2	2227
3109 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	5.2	327.8	332.2	2227
3111 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	5.5	327.8	331.5	3092
3111 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	5.5	327.8	331.5	3092
3111 >E	Bowline 1 345kV Voltage	Pre-Fault	12.9	NA	345	3111
3113 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	5.4	327.8	331.7	2157
3113 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	5.4	327.8	331.7	2157
3114 >E	Bowline 2 345kV Voltage	Pre-Fault	13.0	NA	345	3114
3114 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	5.1	327.8	338.7	2223
3116 >E	Clay 345kV Voltage	Marcy South N.	9.7	327.8	347.6	3834
3116 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	6.6	218.5	226.1	2223
3117 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.3	327.8	339.5	2158
3117 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	5.8	327.8	325.1	2978
3117 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	3.9	327.8	340.7	2223
3118 >E	Ramapo 500kV Voltage	SBK Princetown 345	13.3	500	500.8	2874
3121 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	13.4	500	500.6	3107
3121 >E	Dunwoodie 345kV Voltage	Ravenswood 3	13.3	327.8	332.7	3224
3122 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	6.2	327.8	329.7	3225
3122 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	6.2	327.8	329.7	3225
3122 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.4	320	324.3	2982
3122 >E	Leeds 345kV Voltage	Marcy South S.	8.6	327.8	344.3	3626
3124 >E	Ramapo 500kV Voltage	SBK Marcy R3108	13.5	500	500.4	2984
3125 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	13.8	500	500.3	3112
3125 >E	Gilboa 345kV Voltage	Ph2 DC 1500	6.7	327.8	341.0	3369
3126 >E	Ramapo 500kV Voltage	Volney-Marcy	14.3	500	500.2	3060
3128 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	14.3	500	500.1	3125
3129 >E	Oakdale 345kV Voltage	Volney-Marcy	5.4	320	323.2	3062
3129 >E	Ramapo 500kV Voltage	SBK Edic R70	14.5	500	500.1	3174
3130 >E	Ramapo 500kV Voltage	Pre-Fault	14.5	NA	500	3130
3130 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	4.6	327.8	339.7	2224
3132 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.6	218.5	222.4	2232

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3133 >E	Rock Tavern 345kV Voltage	SBK Edic R945	6.8	327.8	337.6	2233
3133 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	6.1	327.8	328.0	3123
3133 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	6.1	327.8	328.0	3123
3133 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	6.3	327.8	327.9	3131
3133 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	6.3	327.8	327.9	3131
3134 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	6.3	327.8	327.8	3068
3134 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	6.3	327.8	327.8	3068
3136 >E	Oakdale 345kV Voltage	Ravenswood 3	5.6	320	322.0	3239
3136 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	337.3	2160
3137 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	6.5	327.8	327.3	3185
3137 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	6.5	327.8	327.3	3185
3138 >E	Oakdale 345kV Voltage	SBK Princetown 345	5.6	320	321.6	2890
3138 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	6.4	327.8	327.1	2996
3138 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	6.4	327.8	327.1	2996
3141 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	7.3	327.8	330.5	2226
3142 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	5.5	320	320.9	3136
3142 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	9.2	218.5	221.5	2161
3142 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	5.5	320	320.8	3138
3143 >E	St.Lawrence 230kV Voltage	Pre-Fault	24.8	NA	225	3143
3144 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	330.8	3140
3146 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	5.7	320	320.3	3145
3150 >E	Oakdale 345kV Voltage	SBK Edic R70	5.7	320	319.5	3200
3152 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	8.3	327.8	334.5	2227
3154 >E	Pannell Road 345kV Voltage	SBK Edic R945	6.4	327.8	337.9	2237
3156 >E	Fraser 345kV Voltage	Marcy South S.	9.4	327.8	327.8	3643
3157 >E	Gilboa 345kV Voltage	Ravenswood 3	6.4	327.8	328.8	3262
3160 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	8.5	327.8	328.3	3164
3161 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	6.6	327.8	323.6	2907
3161 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	6.6	327.8	323.6	2907
3161 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	328.1	3164
3162 >E	Gilboa 345kV Voltage	SBK Marcy R3108	6.5	327.8	327.9	3016
3162 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	8.4	327.8	328.0	2909
3162 >E	Gilboa 345kV Voltage	Volney-Marcy	6.5	327.8	327.9	3098
3163 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	6.5	327.8	327.9	3165
3164 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	8.7	327.8	327.8	3166
3164 >E	Dunwoodie 345kV Voltage	SBK Edic R70	8.8	327.8	327.8	3217
3164 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr	8.7	327.8	327.7	3168

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3166 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	336.8	2164
3166 >E	Dunwoodie 345kV Voltage	Volney-Marcy	8.7	327.8	327.5	3102
3166 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	8.5	327.8	327.5	3020
3168 >E	Station 80 345kV Voltage	SBK Edic R945	7.2	327.8	336.5	2240
3169 >E	Rock Tavern 345kV Voltage	Ravenswood 3	9.2	327.8	333.1	3275
3173 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	7.5	327.8	337.5	2229
3173 >E	Leeds 345kV Voltage	Ph2 DC 1500	7.6	327.8	341.1	3391
3174 >E	Clay 345kV Voltage	Ph2 DC 1500	8.5	327.8	344.6	3392
3177 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	5.6	207	224.7	2230
3179 >E	Clay 345kV Voltage	Volney-Marcy	6.6	327.8	330.6	3115
3179 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	7.8	327.8	335.5	2165
3180 >E	Gilboa 345kV Voltage	SBK Edic R70	7.5	327.8	325.2	3236
3181 >E	Gilboa 345kV Voltage	SBK Princetown 345	7.4	327.8	325.0	2923
3181 >E	Clay 345kV Voltage	SBK Marcy R3108	7.0	327.8	330.2	3032
3182 >E	Buchanan North 345kV Voltage	Ravenswood 3	17.1	327.8	332.3	3288
3184 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	8.7	327.8	334.2	2231
3184 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	9.4	327.8	332.7	2231
3187 >E	St.Lawrence 230kV Voltage	Marcy South N.	19.0	218.5	224.2	3850
3187 >E	Pannell Road 345kV Voltage	Marcy South N.	13.1	327.8	342.0	3850
3188 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	7.7	327.8	337.4	2231
3193 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	12.0	327.8	331.8	2232
3194 >E	Clay 345kV Voltage	Ravenswood 3	7.0	327.8	328.4	3300
3195 >E	Clay 345kV Voltage	SBK Princetown 345	6.9	327.8	328.3	2934
3195 >E	Leeds 345kV Voltage	SBK Marcy R3108	7.2	327.8	327.8	3044
3195 >E	Leeds 345kV Voltage	SBK Edic R70	7.2	327.8	327.8	3254
3195 >E	Leeds 345kV Voltage	Ravenswood 3	7.2	327.8	327.8	3302
3195 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	7.2	327.8	327.8	2232
3195 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	7.2	327.8	327.8	3216
3195 >E	Leeds 345kV Voltage	Volney-Marcy	7.2	327.8	327.8	3132
3195 >E	Leeds 345kV Voltage	SBK Princetown 345	7.2	327.8	327.8	2934
3195 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	7.2	327.8	327.8	3202
3195 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	7.2	327.8	327.8	3212
3195 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	6.8	327.8	328.3	3212
3195 >E	Clay 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	328.2	3216
3196 >E	Fraser 345kV Voltage	Marcy South N.	11.5	327.8	327.8	3852
3197 >E	Clay 345kV Voltage	Princetown-N.Scot 345	6.9	327.8	327.9	3204
3198 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	8.7	327.8	330.1	2937
3200 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	7.7	327.8	338.1	2233

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3200 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	10.3	327.8	340.1	3404
3202 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	7.7	327.8	338.2	2233
3205 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	8.7	327.8	330.8	2233
3206 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	11.1	327.8	330.7	3314
3208 >E	Millwood 345kV Voltage	Ravenswood 3	19.7	327.8	330.9	3315
3209 >E	Station 80 345kV Voltage	Marcy South N.	13.9	327.8	339.8	3855
3210 >E	Buchanan North 345kV Voltage	SBK Edic R945	13.6	327.8	334.5	2250
3211 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	9.4	327.8	328.8	3239
3211 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	8.2	327.8	335.0	2234
3212 >E	Clay 345kV Voltage	SBK Edic R70	7.2	327.8	325.8	3274
3214 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	13.8	327.8	334.3	2169
3217 >E	Leeds 345kV Voltage	Marcy South N.	12.1	327.8	343.4	3857
3217 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	8.4	327.8	327.8	2170
3217 >E	Leeds 345kV Voltage	SBK Edic R945	8.4	327.8	327.8	2252
3218 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	9.6	327.8	328.1	3244
3218 >E	Rock Tavern 345kV Voltage	SBK Edic R70	9.9	327.8	328.0	3282
3220 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	9.7	327.8	327.9	3230
3224 >E	Buchanan South 345kV Voltage	Ravenswood 3	17.4	327.8	331.1	3332
3224 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	9.3	327.8	327.4	3069
3224 >E	Pannell Road 345kV Voltage	Volney-Marcy	9.1	327.8	329.6	3162
3225 >E	Buchanan North 345kV Voltage	SBK Princetown 345	12.2	327.8	329.1	2958
3225 >E	Rock Tavern 345kV Voltage	Volney-Marcy	9.8	327.8	327.4	3163
3226 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	12.1	327.8	338.9	3416
3226 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	15.3	327.8	337.8	3416
3227 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	10.2	327.8	328.7	3263
3228 >E	Pleasant Valley 345kV Voltage	Marcy South S.	15.9	327.8	338.8	3683
3230 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	9.6	327.8	329.0	3074
3230 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	12.8	327.8	328.7	3267
3232 >E	Oakdale 345kV Voltage	Marcy South S.	8.7	320	319.7	3684
3232 >E	Gilboa 345kV Voltage	Marcy South N.	13.4	327.8	338.0	3861
3236 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	9.3	327.8	328.4	3271
3236 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	9.3	327.8	328.4	3276
3236 >E	Pannell Road 345kV Voltage	Ravenswood 3	9.8	327.8	328.3	3345
3237 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	10.6	327.8	327.8	3250
3238 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	12.6	327.8	328.6	3278
3238 >E	Ramapo 345kV Voltage	SBK Edic R945	11.9	327.8	337.1	2256
3238 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	10.6	327.8	327.7	3274
3238 >E	Pannell Road 345kV Voltage	SBK Princetown 345	9.5	327.8	328.1	2969

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3239 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	10.8	327.8	327.6	3307
3240 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	9.5	327.8	328.0	3253
3240 >E	Roseton 345kV Voltage	Ravenswood 3	10.8	327.8	332.6	3349
3240 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	12.7	327.8	328.0	3083
3240 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	13.3	327.8	327.9	3277
3240 >E	Millwood 345kV Voltage	SBK Princetown 345	12.4	327.8	328.4	2970
3241 >E	Ramapo 345kV Voltage	Ravenswood 3	14.0	327.8	332.4	3350
3241 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	10.4	327.8	327.4	2971
3241 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	22.9	218.5	224.9	3423
3241 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	10.7	327.8	327.4	3180
3242 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	13.4	327.8	327.8	3255
3242 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	10.5	327.8	327.4	3084
3243 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	12.1	327.8	336.8	2172
3243 >E	Buchanan North 345kV Voltage	SBK Edic R70	13.7	327.8	327.7	3312
3245 >E	Station 80 345kV Voltage	Volney-Marcy	10.5	327.8	329.3	3184
3245 >E	Buchanan North 345kV Voltage	Volney-Marcy	13.4	327.8	327.6	3184
3248 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	17.6	327.8	335.6	3426
3248 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	15.9	327.8	328.6	3293
3248 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	13.2	327.8	341.9	3426
3249 >E	Pannell Road 345kV Voltage	SBK Edic R70	9.7	327.8	327.1	3319
3249 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	17.7	327.8	335.6	3427
3249 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	13.2	327.8	327.8	3289
3249 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	13.2	327.8	327.8	3263
3250 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	21.9	218.5	220.7	3091
3250 >E	Millwood 345kV Voltage	SBK Marcy R3108	12.7	327.8	327.7	3091
3251 >E	Millwood 345kV Voltage	SBK Edic R70	13.5	327.8	327.7	3321
3251 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	15.6	327.8	328.4	2978
3251 >E	Millwood 345kV Voltage	Ph2 DC 1500	15.4	327.8	337.4	3428
3252 >E	Station 80 345kV Voltage	SBK Marcy R3108	11.0	327.8	328.6	3094
3253 >E	Millwood 345kV Voltage	Volney-Marcy	13.3	327.8	327.5	3192
3253 >E	Buchanan South 345kV Voltage	SBK Princetown 345	12.0	327.8	328.9	2980
3254 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	10.6	327.8	328.4	3297
3254 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	10.6	327.8	328.4	3303
3255 >E	Station 80 345kV Voltage	Ravenswood 3	11.3	327.8	328.4	3364
3255 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	12.4	327.8	328.8	3303
3256 >E	Station 80 345kV Voltage	Ph2 DC 1500	14.2	327.8	340.4	3430
3258 >E	St.Lawrence 230kV Voltage	Volney-Marcy	21.8	218.5	220.4	3197
3259 >E	Ladentown 345kV Voltage	Ravenswood 3	14.6	327.8	331.9	3369

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3259 >E	Station 80 345kV Voltage	SBK Princetown 345	10.9	327.8	328.0	2985
3259 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	10.9	327.8	328.0	3274
3261 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	16.8	327.8	327.7	3277
3262 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	16.8	327.8	327.7	3308
3263 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	16.2	327.8	327.7	3102
3263 >E	Sprain Brook 345kV Voltage	SBK Edic R70	17.2	327.8	327.6	3336
3264 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	8.9	327.8	342.7	2240
3265 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	15.1	327.8	338.7	3435
3266 >E	Station 80 345kV Voltage	SBK Edic R70	11.0	327.8	327.4	3339
3266 >E	Sprain Brook 345kV Voltage	Volney-Marcy	16.9	327.8	327.5	3206
3266 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	12.4	327.8	327.9	3105
3266 >E	Ladentown 345kV Voltage	SBK Edic R945	12.5	327.8	337.2	2263
3267 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	13.0	327.8	327.8	3315
3267 >E	Buchanan South 345kV Voltage	SBK Edic R945	14.6	327.8	334.5	2263
3268 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	13.0	327.8	327.8	3284
3269 >E	Buchanan South 345kV Voltage	SBK Edic R70	13.2	327.8	327.7	3343
3271 >E	Buchanan South 345kV Voltage	Volney-Marcy	13.1	327.8	327.5	3211
3272 >E	Millwood 345kV Voltage	SBK Edic R945	16.2	327.8	333.2	2264
3272 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	12.7	327.8	336.9	2176
3272 >E	Ramapo 345kV Voltage	SBK Princetown 345	11.8	327.8	330.0	2995
3273 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	14.8	327.8	334.2	2176
3275 >E	Roseton 345kV Voltage	SBK Edic R945	11.7	327.8	334.2	2265
3279 >E	Sprain Brook 345kV Voltage	SBK Edic R945	19.8	327.8	332.3	2265
3279 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	16.5	327.8	332.8	2177
3281 >E	Sprain Brook 345kV Voltage	Ravenswood 3	47.6	327.8	326.6	3392
3281 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	11.9	327.8	333.9	2177
3281 >E	Dunwoodie 345kV Voltage	SBK Edic R945	20.1	327.8	332.2	2266
3282 >E	Bowline 1 345kV Voltage	Ravenswood 3	14.5	327.8	331.8	3393
3284 >E	Ramapo 345kV Voltage	Ph2 DC 1500	14.6	327.8	340.6	3443
3285 >E	Roseton 345kV Voltage	SBK Princetown 345	11.1	327.8	328.8	3005
3285 >E	Ladentown 345kV Voltage	SBK Princetown 345	11.6	327.8	329.9	3005
3286 >E	Bowline 2 345kV Voltage	Ravenswood 3	14.5	327.8	331.7	3397
3287 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	12.6	327.8	328.9	3350
3287 >E	Bowline 1 345kV Voltage	SBK Edic R945	12.4	327.8	337.9	2267
3287 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	11.4	327.8	328.6	3351
3287 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	20.2	327.8	332.0	2178
3287 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	13.6	327.8	330.8	2267
3290 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	20.5	327.8	331.9	2178
3290 >E	Bowline 2 345kV Voltage	SBK Edic R945	12.4	327.8	338.0	2268

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3291 >E	St.Lawrence 230kV Voltage	Ravenswood 3	24.4	218.5	219.1	3402
3293 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	12.6	327.8	337.6	2178
3293 >E	Ramapo 345kV Voltage	SBK Marcy R3108	12.3	327.8	328.4	3128
3294 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	13.9	327.8	330.3	2178
3295 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	11.7	327.8	327.9	3355
3296 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	12.6	327.8	337.7	2179
3296 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	11.8	327.8	327.8	3317
3297 >E	Roseton 345kV Voltage	SBK Edic R70	11.9	327.8	327.8	3376
3297 >E	Roseton 345kV Voltage	Ph2 DC 1500	13.3	327.8	340.3	3449
3297 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	12.3	327.8	329.0	3365
3297 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	13.1	327.8	328.1	3359
3298 >E	Roseton 345kV Voltage	SBK Marcy R3108	11.5	327.8	327.6	3133
3300 >E	Roseton 345kV Voltage	Volney-Marcy	11.8	327.8	327.5	3241
3300 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	13.2	327.8	327.9	3321
3302 >E	Ramapo 345kV Voltage	SBK Edic R70	13.4	327.8	327.8	3382
3303 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	24.6	218.5	218.6	3367
3303 >E	Ladentown 345kV Voltage	Ph2 DC 1500	14.6	327.8	341.2	3452
3304 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	24.7	218.5	218.5	3326
3304 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	24.7	218.5	218.5	3375
3304 >E	Ramapo 345kV Voltage	Volney-Marcy	13.3	327.8	327.6	3245
3304 >E	Bowline 1 345kV Voltage	SBK Princetown 345	11.6	327.8	330.1	3020
3304 >E	Ladentown 345kV Voltage	SBK Marcy R3108	12.2	327.8	328.4	3138
3307 >E	Bowline 2 345kV Voltage	SBK Princetown 345	11.6	327.8	330.1	3023
3309 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	12.9	327.8	328.0	3376
3309 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	25.0	218.5	218.3	3024
3311 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	12.9	327.8	327.9	3334
3313 >E	Ladentown 345kV Voltage	SBK Edic R70	13.2	327.8	327.7	3396
3314 >E	St.Lawrence 230kV Voltage	SBK Edic R70	25.9	218.5	218.1	3398
3315 >E	Ladentown 345kV Voltage	Volney-Marcy	13.0	327.8	327.6	3257
3317 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	12.3	327.8	329.0	3395
3317 >E	Clay 345kV Voltage	Marcy South S.	13.6	327.8	338.1	3730
3318 >E	Ramapo 500kV Voltage	Marcy South S.	48.1	500	504.0	3731
3320 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	12.3	327.8	329.1	3399
3323 >E	Watercure 230kV Voltage	Pre-Fault	15.1	NA	215	3323
3324 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	12.1	327.8	328.5	3155
3327 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	14.7	327.8	342.2	3463
3327 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	12.1	327.8	328.5	3158

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\0L_CAPS\Sum2023_CEVC_Ph2_50_0L_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3330 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	12.8	327.8	328.0	3406
3333 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	12.9	327.8	327.8	3359
3333 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	14.6	327.8	342.4	3466
3333 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	12.8	327.8	328.1	3410
3336 >E	Bowline 1 345kV Voltage	SBK Edic R70	13.2	327.8	327.6	3423
3336 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	12.9	327.8	327.9	3362
3336 >E	Bowline 1 345kV Voltage	Volney-Marcy	13.0	327.8	327.6	3279
3338 >E	Bowline 2 345kV Voltage	SBK Edic R70	13.1	327.8	327.7	3426
3339 >E	Bowline 2 345kV Voltage	Volney-Marcy	13.0	327.8	327.6	3282
3363 >E	Somerset 345kV Voltage	Pre-Fault	21.3	NA	338	3363
3382 >E	Somerset 345kV Voltage	SBK Edic R945	14.1	327.8	337.6	2289
3384 >E	Pleasant Valley 345kV Voltage	Marcy South N.	22.4	327.8	337.9	3895
3386 >E	Watercure 230kV Voltage	SBK Edic R945	15.7	207	229.7	2290
3391 >E	Somerset 345kV Voltage	Marcy South N.	17.5	327.8	336.3	3897
3392 >E	St.Lawrence 230kV Voltage	Marcy South S.	32.2	218.5	221.3	3771
3400 >E	Dunwoodie 345kV Voltage	Marcy South S.	28.8	327.8	331.4	3775
3403 >E	Sprain Brook 345kV Voltage	Marcy South S.	28.6	327.8	331.3	3776
3404 >E	Watercure 230kV Voltage	Volney-Marcy	14.0	207	209.7	3349
3405 >E	Watercure 230kV Voltage	SBK Marcy R3108	14.3	207	209.6	3224
3409 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	15.2	327.8	336.3	2192
3414 >E	Millwood 345kV Voltage	Marcy South S.	25.6	327.8	332.4	3783
3415 >E	Watercure 230kV Voltage	Ravenswood 3	14.6	207	208.9	3533
3418 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	14.1	207	208.8	3532
3419 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	17.3	207	229.4	2193
3420 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	14.2	207	208.6	3546
3428 >E	Watercure 230kV Voltage	SBK Princeton 345	14.7	207	208.1	3118
3435 >E	Watercure 230kV Voltage	Princeton-N.Scot 345	14.8	207	207.6	3476
3439 >E	Watercure 230kV Voltage	SBK Edic R70	14.8	207	207.3	3548
3443 >E	Ramapo 500kV Voltage	Marcy South N.	65.9	500	504.7	3909
3462 >E	Coopers Corners 345kV Voltage	Marcy South N.	18.1	327.8	312.0	3913
3464 >E	Pannell Road 345kV Voltage	Marcy South S.	21.3	327.8	334.7	3810
3467 >E	Station 80 345kV Voltage	Marcy South S.	21.8	327.8	332.9	3811
3471 >E	Roseton 345kV Voltage	Marcy South S.	21.4	327.8	334.0	3813
3494 >E	Watercure 230kV Voltage	Ph2 DC 1500	22.4	207	229.3	3541
3511 >E	Buchanan South 345kV Voltage	Marcy South S.	26.9	327.8	331.2	3835
3551 >E	Somerset 345kV Voltage	Volney-Marcy	20.2	327.8	329.2	3502
3557 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	20.3	327.8	328.9	3731

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3557 >E	Buchanan North 345kV Voltage	Marcy South S.	30.4	327.8	328.0	3859
3561 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	20.5	327.8	328.7	3752
3564 >E	Dunwoodie 345kV Voltage	Marcy South N.	38.0	327.8	331.5	3937
3568 >E	Niagara 345kV Voltage	Marcy South N.	20.1	327.8	332.8	3938
3568 >E	Somerset 345kV Voltage	Ravenswood 3	21.6	327.8	328.4	3694
3574 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	21.1	327.8	328.1	3634
3577 >E	Somerset 345kV Voltage	SBK Princetown 345	21.2	327.8	327.9	3235
3578 >E	Sprain Brook 345kV Voltage	Marcy South N.	38.6	327.8	331.5	3940
3583 >E	Somerset 345kV Voltage	SBK Edic R70	21.3	327.8	327.7	3721
3583 >E	Somerset 345kV Voltage	SBK Marcy R3108	21.5	327.8	327.7	3377
3593 >E	Millwood 345kV Voltage	Marcy South N.	34.4	327.8	332.6	3943
3606 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	18.8	327.8	345.5	2279
3619 >E	Somerset 345kV Voltage	Ph2 DC 1500	26.4	327.8	342.3	3600
3622 >E	Watercure 230kV Voltage	Marcy South N.	39.1	207	234.2	3950
3679 >E	Roseton 345kV Voltage	Marcy South N.	29.6	327.8	334.9	3963
3692 >E	Buchanan South 345kV Voltage	Marcy South N.	35.6	327.8	332.0	3966
3701 >E	Buchanan North 345kV Voltage	Marcy South N.	39.3	327.8	329.9	3968
3720 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	44.0	218.5	227.8	2292
3720 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	44.0	218.5	227.8	2292
3751 >E	Rock Tavern 345kV Voltage	Marcy South N.	30.3	327.8	324.4	3980
3753 >E	Ladentown 345kV Voltage	Marcy South S.	30.7	327.8	327.7	3965
3779 >E	Rock Tavern 345kV Voltage	Marcy South S.	28.4	327.8	315.8	3979
3788 >E	Ramapo 345kV Voltage	Marcy South S.	32.8	327.8	325.7	3984
3798 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	27.1	207	225.5	2302
3812 >E	Bowline 1 345kV Voltage	Marcy South S.	31.0	327.8	327.8	3996
3821 >E	Bowline 2 345kV Voltage	Marcy South S.	30.8	327.8	327.9	4001
3935 >E	Ladentown 345kV Voltage	Marcy South N.	39.1	327.8	330.0	4022
3945 >E	Niagara 345kV Voltage	Pre-Fault	45.4	NA	338	3945
3950 >E	Ramapo 345kV Voltage	Marcy South N.	41.3	327.8	328.6	4025
3974 >E	Niagara 345kV Voltage	SBK Edic R945	31.5	327.8	339.3	2422
4004 >E	Bowline 1 345kV Voltage	Marcy South N.	39.4	327.8	330.1	4038
4018 >E	Bowline 2 345kV Voltage	Marcy South N.	39.2	327.8	330.2	4041
4022 >E	Coopers Corners 345kV Voltage	Marcy South S.	27.4	327.8	259.5	4110
4029 >E	Niagara 230kV East Voltage	Pre-Fault	110.0	NA	225	4029
4029 >E	Niagara 230kV West Voltage	Pre-Fault	110.0	NA	225	4029
4039 >E	Niagara 230kV East Voltage	Marcy South N.	70.5	218.5	222.1	4046
4039 >E	Niagara 230kV West Voltage	Marcy South N.	70.5	218.5	222.1	4046
4048 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	34.1	327.8	337.8	2265
4129 >E	Somerset 345kV Voltage	Marcy South S.	43.1	327.8	332.8	4167
4290 >E	Niagara 230kV East Voltage	SBK Edic R945	82.1	218.5	225.2	2493
4290 >E	Niagara 230kV West Voltage	SBK Edic R945	82.1	218.5	225.2	2493

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4333 >E	Niagara 345kV Voltage	Volney-Marcy	42.9	327.8	329.5	4318
4334 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	42.9	327.8	329.4	4846
4342 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	43.2	327.8	329.3	4898
4382 >E	Niagara 345kV Voltage	Ravenswood 3	45.4	327.8	328.4	4549
4385 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	44.6	327.8	328.3	4559
4396 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	89.2	218.5	224.5	2306
4396 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	89.2	218.5	224.5	2306
4401 >E	Niagara 345kV Voltage	SBK Princetown 345	45.2	327.8	328.0	3883
4415 >E	Niagara 345kV Voltage	SBK Edic R70	45.7	327.8	327.7	4721
4446 >E	Niagara 345kV Voltage	SBK Marcy R3108	46.5	327.8	327.0	4116
4450 >E	Gardenville 230kV Voltage	Pre-Fault	76.6	NA	217	4450
4456 >E	Rainey 345kV Voltage	Ph2 DC 1500	56.6	327.8	341.7	3992
4474 >E	Farragut 345kV Voltage	Ph2 DC 1500	58.5	327.8	341.4	4000
4644 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	103.5	218.5	219.4	5291
4644 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	103.5	218.5	219.4	5291
4644 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	103.5	218.5	219.4	5342
4644 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	103.5	218.5	219.4	5342
4654 >E	Niagara 230kV East Voltage	Volney-Marcy	104.2	218.5	219.3	4652
4654 >E	Niagara 230kV West Voltage	Volney-Marcy	104.2	218.5	219.3	4652
4704 >E	Niagara 230kV East Voltage	Ravenswood 3	109.3	218.5	218.9	4889
4704 >E	Niagara 230kV West Voltage	Ravenswood 3	109.3	218.5	218.9	4889
4710 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	107.8	218.5	218.8	4929
4710 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	107.8	218.5	218.8	4929
4714 >E	Niagara 345kV Voltage	Ph2 DC 1500	59.6	327.8	345.0	4112
4732 >E	Niagara 230kV East Voltage	SBK Princetown 345	109.3	218.5	218.6	4143
4732 >E	Niagara 230kV West Voltage	SBK Princetown 345	109.3	218.5	218.6	4143
4743 >E	Niagara 230kV East Voltage	SBK Edic R70	110.0	218.5	218.5	5115
4743 >E	Niagara 230kV West Voltage	SBK Edic R70	110.0	218.5	218.5	5115
4774 >E	Niagara 230kV East Voltage	SBK Marcy R3108	111.6	218.5	218.2	4397
4774 >E	Niagara 230kV West Voltage	SBK Marcy R3108	111.6	218.5	218.2	4397
4863 >E	Rainey 345kV Voltage	SBK Edic R945	72.4	327.8	338.1	2622
4897 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	73.5	327.8	337.8	2363
4913 >E	Farragut 345kV Voltage	SBK Edic R945	75.8	327.8	338.1	2633
4946 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	76.9	327.8	337.8	2369
4983 >E	Goethals 345kV Voltage	Ph2 DC 1500	79.1	327.8	341.4	4239
5050 >E	Gardenville 230kV Voltage	Volney-Marcy	71.0	207	209.2	5066
5067 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	71.4	207	208.9	5897

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5076 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	71.7	207	208.8	5976
5136 >E	Gardenville 230kV Voltage	SBK Princetown 345	74.1	207	208.1	4461
5154 >E	Gardenville 230kV Voltage	SBK Marcy R3108	74.8	207	207.8	4723
5164 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	74.8	207	207.7	5448
5178 >E	Gardenville 230kV Voltage	Ravenswood 3	75.9	207	207.5	5386
5197 >E	Gardenville 230kV Voltage	SBK Edic R70	75.9	207	207.3	5661
5265 >E	Gardenville 230kV Voltage	SBK Edic R945	81.1	207	228.8	2712
5461 >E	Rainey 345kV Voltage	Marcy South S.	95.5	327.8	333.3	4884
5494 >E	Farragut 345kV Voltage	Marcy South S.	98.7	327.8	333.1	4902
5501 >E	Niagara 230kV East Voltage	Ph2 DC 1500	167.1	218.5	229.0	4481
5501 >E	Niagara 230kV West Voltage	Ph2 DC 1500	167.1	218.5	229.0	4481
5569 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	92.1	207	227.9	2441
5895 >E	Goethals 345kV Voltage	SBK Edic R945	115.4	327.8	340.0	2853
5932 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	116.7	327.8	339.8	2483
6230 >E	Niagara 345kV Voltage	Marcy South S.	105.9	327.8	333.4	5298
6293 >E	Rainey 345kV Voltage	Marcy South N.	126.5	327.8	334.5	4563
6373 >E	Farragut 345kV Voltage	Marcy South N.	132.1	327.8	334.4	4582
6429 >E	Goethals 345kV Voltage	Marcy South S.	136.3	327.8	332.9	5404
6653 >E	Gardenville 230kV Voltage	Marcy South N.	140.5	207	227.0	4646
7490 >E	Goethals 345kV Voltage	Marcy South N.	177.1	327.8	334.7	4838
8608 >E	Northport 138kV Voltage	Ph2 DC 1500	441.7	131.1	137.3	5935
8694 >E	Northport 138kV Voltage	SBK Edic R945	444.0	131.1	134.4	3483
8733 >E	Niagara 230kV East Voltage	Marcy South S.	365.5	218.5	222.2	6644
8733 >E	Niagara 230kV West Voltage	Marcy South S.	365.5	218.5	222.2	6644
8794 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	451.6	131.1	134.2	2813
10883 >E	Watercure 230kV Voltage	Marcy South S.	295.0	207	180.7	7801
11072 >E	Gardenville 230kV Voltage	Ph2 DC 1500	292.0	207	264.3	7088
11992 >E	Northport 138kV Voltage	Marcy South S.	708.1	131.1	133.4	8398
12071 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	710.3	131.1	138.0	3256
16825 >E	Northport 138kV Voltage	Pre-Fault	1562.6	NA	135	16825
18349 >E	Northport 138kV Voltage	SBK Princetown 345	1202.0	131.1	134.0	14853
19602 >E	Northport 138kV Voltage	N.Scot-Leeds 345	1302.2	131.1	133.2	27287
21146 >E	Northport 138kV Voltage	SBK Marcy R3108	1420.6	131.1	132.2	18422

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0L_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
22920 >E	Northport 138kV Voltage	Princetown-N.Scot 345	1562.6	131.1	131.1	25699
22934 >E	Northport 138kV Voltage	Volney-Marcy	1562.6	131.1	131.1	23708
25118 >E	Northport 138kV Voltage	SBK Edic R70	1736.3	131.1	129.7	29617
25128 >E	Northport 138kV Voltage	361-362 D1b Ckt Twr 345	1736.2	131.1	129.7	34670
99998 >E	Farragut 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	361-362 D1b Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998	Goethals 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

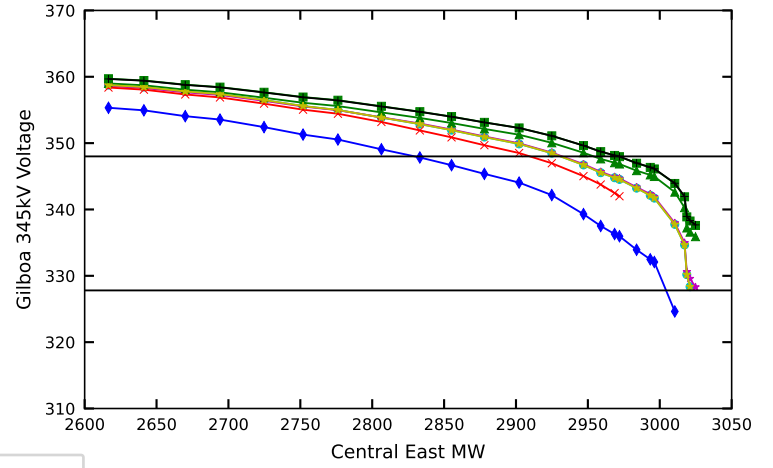
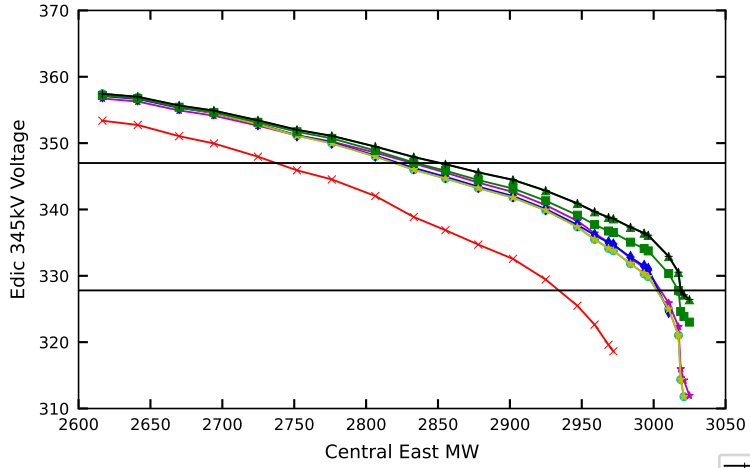
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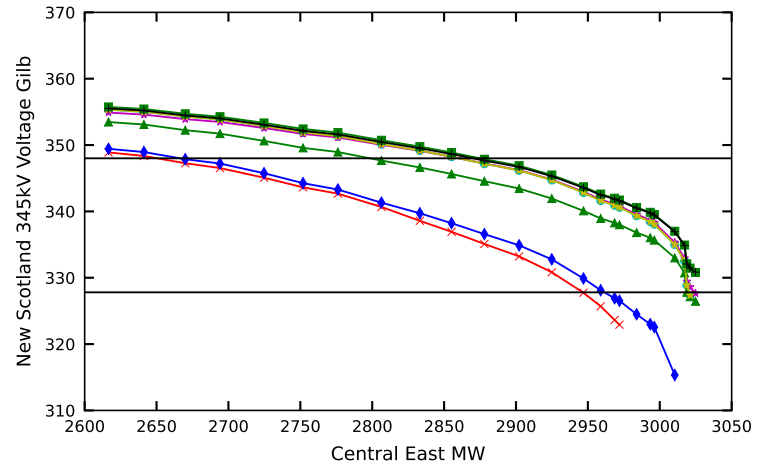
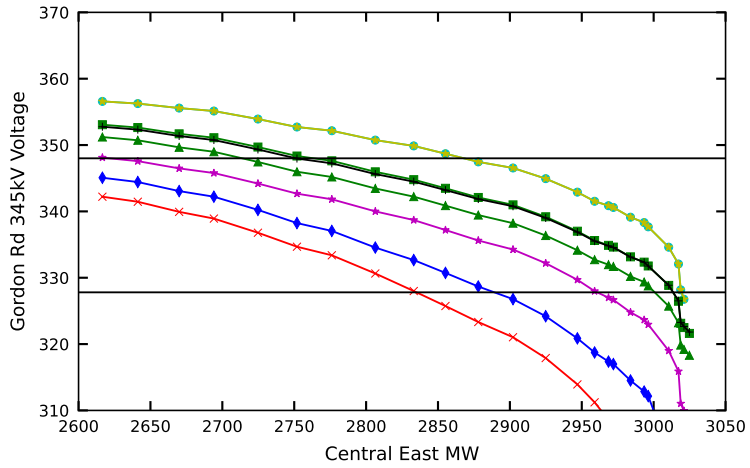
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				<-Post->	<-Pre->	
>E						
99998	Goethals 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
>E						
99998	Rainey 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Rainey 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99999	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

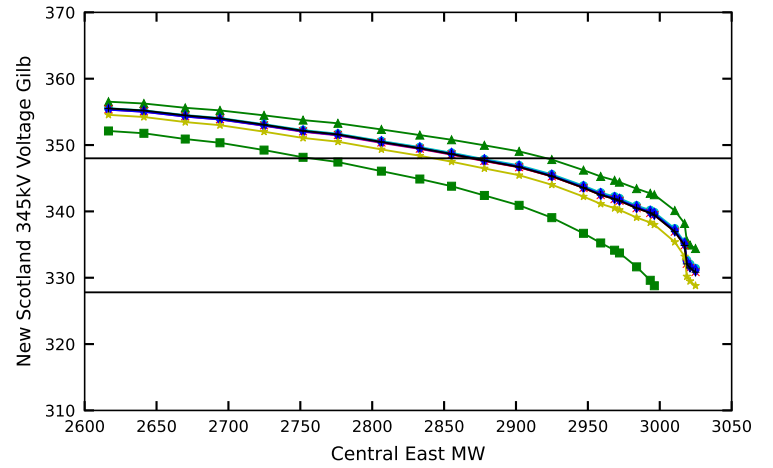
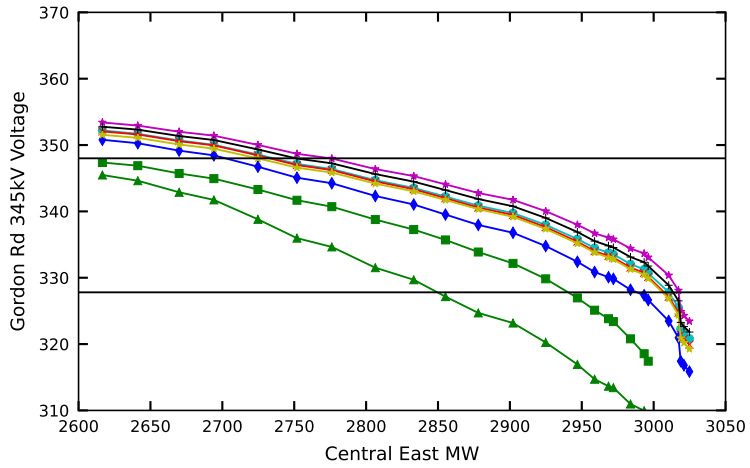
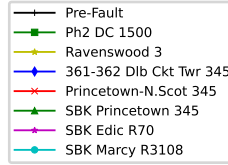
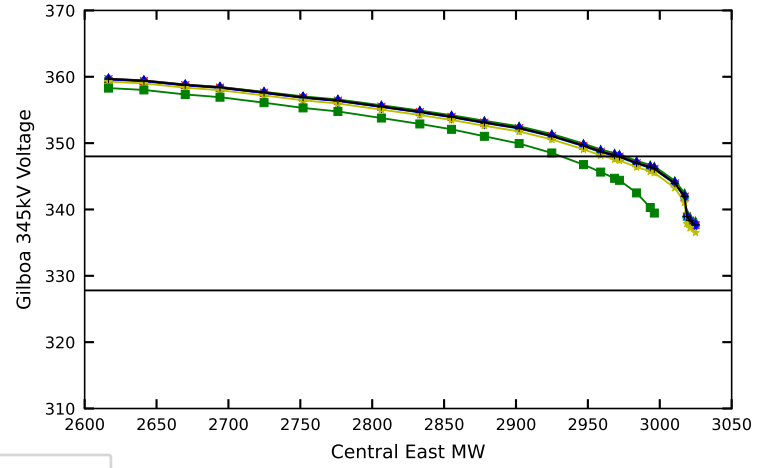
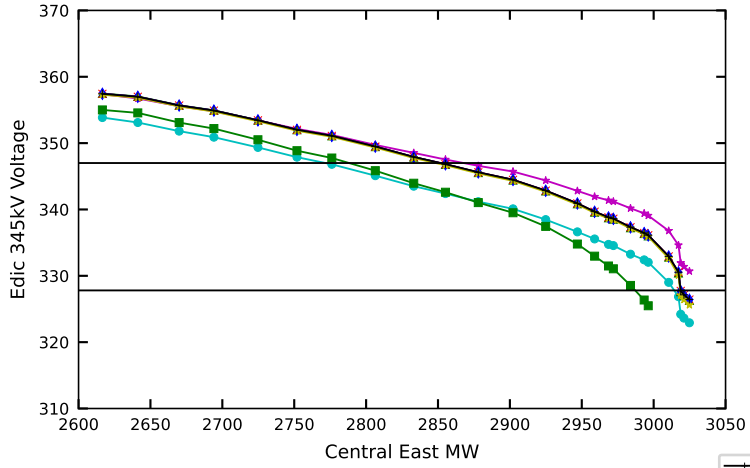
1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS Figure 1



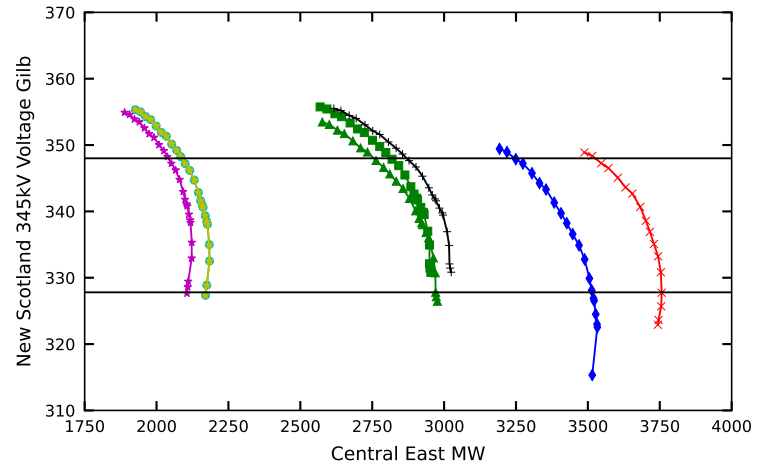
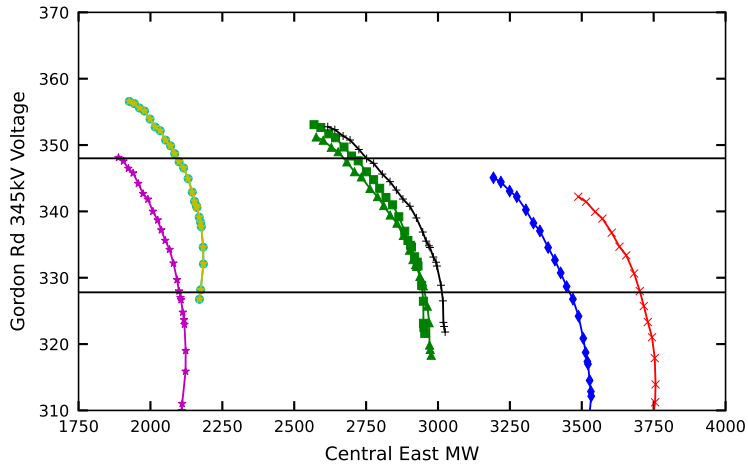
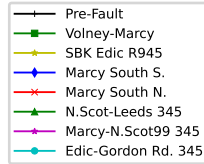
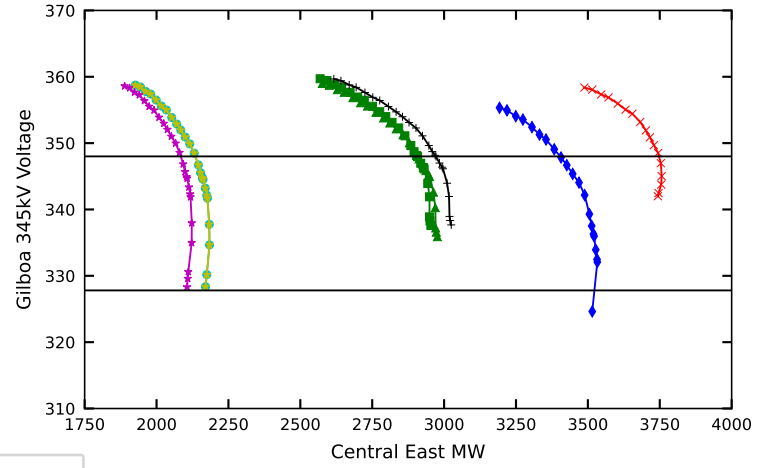
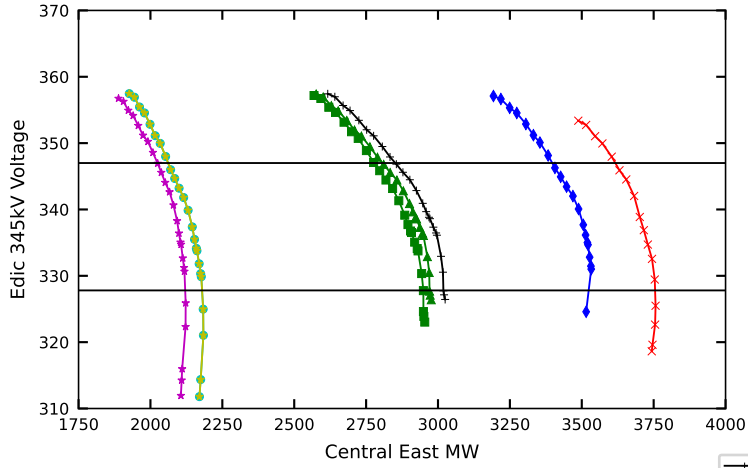
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



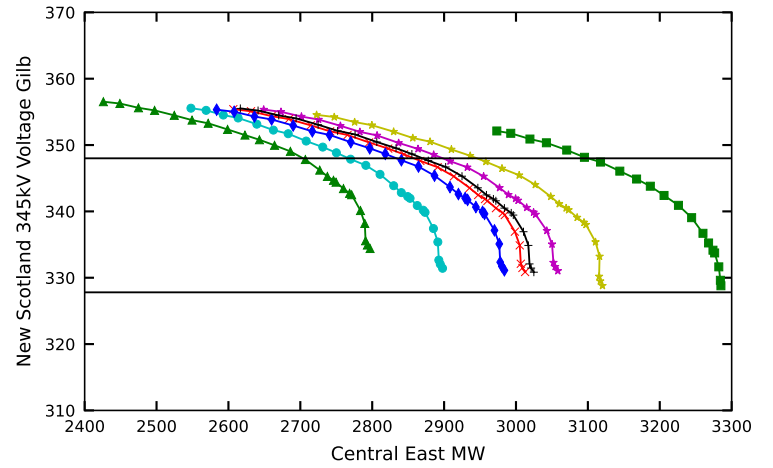
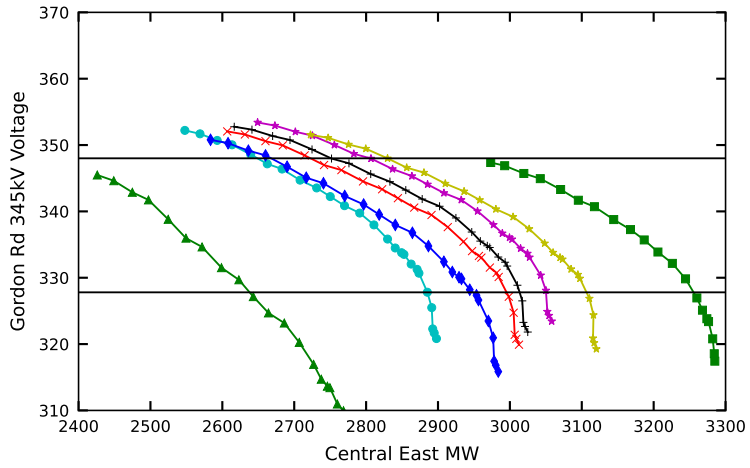
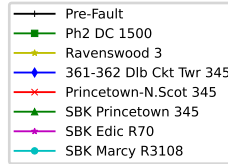
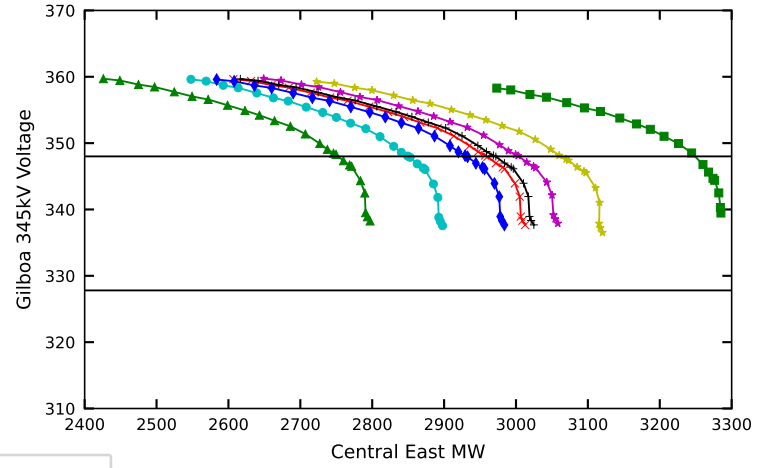
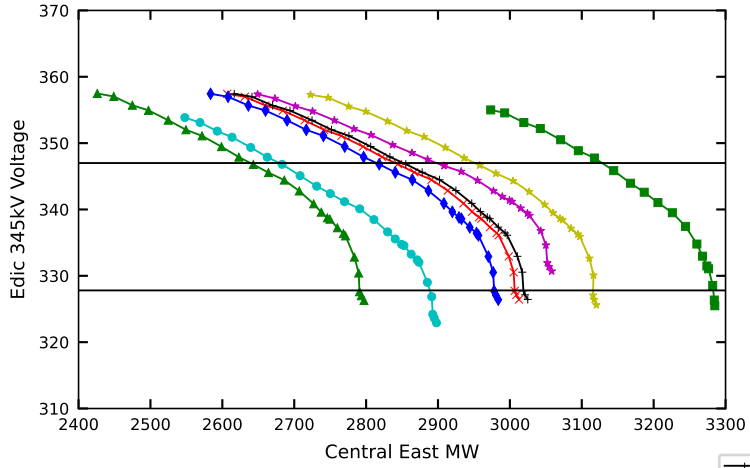
1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS Figure 2



1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS Figure 1



1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\0M_CAPS\Sum2023_CEVC_Ph2_50_0M_CAPS.xlsx

1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2616	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2641	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2669	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2694	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2724	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2751	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2776	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2806	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2833	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2855	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2878	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2902	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2924	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2946	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2958	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
2968	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
2971	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7															
2983	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2993	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2996	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
3010	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	1															
3017	t2	0	0	0	0	2	1	0	0	0	0	0	0	0	0	2
	2															
3018	t2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2
	3															
3021	t2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2
	4															
3024	t2	0	1	0	0	2	2	1	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-20-2023 11:54

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\0M_CAPS\Sum2023_CEVC_PH2_5O_0M_CAPS.xlsx

1: 2023S CEVC PH2 CE2610 MS2270 DE1420 5O 0M_CAPS

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\0M_CAPS\Sum2023_CEVC_Ph2_5O_0M_CAPS.xlsx

1: 2023S CEVC PH2 CE2610 MS2270 DE1420 5O 0M_CAPS

Interface: Central East

Dlb Ckt																								
Twr 345																								
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																								
wood 3																								
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2
Ph2 DC																								
1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2623 >E	Dunwoodie 345kV Voltage	Pre-Fault	56.1	NA	348	2623
2635 >E	Sprain Brook 345kV Voltage	Pre-Fault	55.3	NA	348	2635
2751	Gordon Rd 345kV Voltage	Pre-Fault	19.8	NA	348	2751
2799	limit with 5% margin	Marcy South N.	NA	NA	NA	3568
2816	Millwood 345kV Voltage	Pre-Fault	84.2	NA	348	2816
2830	Marcy 345kV Voltage	Pre-Fault	16.8	NA	348	2830
2835	Gordon Rd 345kV Voltage	Marcy South N.	9.8	327.8	344.4	3702
2846	limit with 5% margin	Marcy South S.	NA	NA	NA	3356
2846	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3120
2849	Gordon Rd 345kV Voltage	SBK Princetown 345	8.7	327.8	343.5	2637
2851	Edic 345kV Voltage	Pre-Fault	20.3	NA	347	2851
2859	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2016
2866	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2074
2866	limit with 5% margin	SBK Edic R945	NA	NA	NA	2074
2866	limit with 5% margin	Ravenswood 3	NA	NA	NA	2960
2870	New Scotland 345kV Voltage Alps	Pre-Fault	23.0	NA	348	2870
2870	New Scotland 345kV Voltage Gilb	Pre-Fault	23.0	NA	348	2870
2873	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2827
2873	limit with 5% margin	Volney-Marcy	NA	NA	NA	2806
2873	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2752
2873	limit with 5% margin	SBK Edic R70	NA	NA	NA	2905
2873	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2657
2873	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2862
2873	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2834
2889	Gordon Rd 345kV Voltage	Marcy South S.	12.7	327.8	341.4	3457
2910	Buchanan North 345kV Voltage	Pre-Fault	51.1	NA	346	2910
2934	Edic 345kV Voltage	Marcy South N.	5.6	327.8	342.0	3754
2934	Marcy 345kV Voltage	Marcy South N.	5.5	327.8	341.9	3755
2940	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.7	327.8	337.5	3255
2946	New Scotland 345kV Voltage Alps	Marcy South N.	7.1	327.8	343.6	3756
2946	New Scotland 345kV Voltage Gilb	Marcy South N.	7.1	327.8	343.6	3756
2956	Pleasant Valley 345kV Voltage	Pre-Fault	21.5	NA	348	2956
2960	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	9.8	327.8	335.4	2100
2961	New Scotland 345kV Voltage Alps	Marcy South S.	8.0	327.8	342.3	3514
2961	New Scotland 345kV Voltage Gilb	Marcy South S.	8.0	327.8	342.3	3514
2969 >E	Oakdale 345kV Voltage	Marcy South N.	6.0	320	344.8	3759
2971	Gilboa 345kV Voltage	Pre-Fault	18.3	NA	348	2971
2973	Rock Tavern 345kV Voltage	Pre-Fault	18.1	NA	348	2973
2982	Buchanan South 345kV Voltage	Pre-Fault	26.2	NA	346	2982
2987	Edic 345kV Voltage	Ph2 DC 1500	4.3	327.8	337.0	3282

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2987	Marcy 345kV Voltage	Ph2 DC 1500	4.3	327.8	336.9	3282
2988	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	11.4	327.8	332.8	2948
2996	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	7.7	327.8	339.3	2176
2996	Coopers Corners 345kV Voltage	SBK Edic R945	7.6	327.8	339.3	2176
2997	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	339.0	2118
2997 >E	Ramapo 500kV Voltage	Ph2 DC 1500	9.1	500	507.0	3285
2999 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	3.4	327.8	339.1	3285
2999 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	3.4	327.8	339.1	3285
2999	Marcy 345kV Voltage	SBK Edic R945	2.9	327.8	335.1	2178
2999	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	335.1	2178
3000	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	330.8	2953
3002	Coopers Corners 345kV Voltage	Pre-Fault	4.6	NA	338	3002
3002	Edic 345kV Voltage	SBK Edic R945	2.9	327.8	334.8	2179
3002	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	334.8	2179
3004	Fraser 345kV Voltage	Pre-Fault	4.1	NA	338	3004
3004	Edic 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	334.2	2120
3006	Gordon Rd 345kV Voltage	Ravenswood 3	4.7	327.8	329.8	3106
3007	Fraser 345kV Voltage	SBK Edic R945	2.5	327.8	337.4	2181
3007	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.5	327.8	337.4	2181
3007	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	4.8	327.8	329.5	2995
3007	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	333.4	2121
3008	Ramapo 500kV Voltage	Ravenswood 3	6.1	500	505.1	3108
3008	Fraser 345kV Voltage	Marcy-N.Scot99 345	2.6	327.8	337.0	2121
3010	Gordon Rd 345kV Voltage	SBK Marcy R3108	2.9	327.8	328.9	2885
3013	Gordon Rd 345kV Voltage	Volney-Marcy	2.9	327.8	327.8	2945
3013	Ramapo 345kV Voltage	Pre-Fault	8.8	NA	346	3013
3014	Edic 345kV Voltage	SBK Marcy R3108	3.2	327.8	331.6	2888
3015	Station 80 345kV Voltage	Pre-Fault	6.9	NA	346	3015
3016	Oakdale 345kV Voltage	Pre-Fault	2.1	NA	335	3016
3016 >E	Edic 345kV Voltage	Marcy South S.	6.3	327.8	333.7	3540
3017	Marcy 345kV Voltage	Volney-Marcy	2.6	327.8	330.4	2949
3017	Edic 345kV Voltage	Volney-Marcy	2.6	327.8	330.6	2949
3017	Gordon Rd 345kV Voltage	SBK Edic R70	0.5	327.8	326.2	3050
3017	Pannell Road 345kV Voltage	Pre-Fault	1.3	NA	346	3017
3017 >E	Marcy 345kV Voltage	Marcy South S.	6.3	327.8	333.4	3541
3018	Ladentown 345kV Voltage	Pre-Fault	1.0	NA	346	3018
3018	Leeds 345kV Voltage	Pre-Fault	0.7	NA	345	3018
3018 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	5.5	500	503.6	2124
3018	Marcy 345kV Voltage	N.Scot-Leeds 345	0.5	327.8	327.8	2970
3018	Marcy 345kV Voltage	SBK Edic R70	0.5	327.8	327.8	3051

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3018	Marcy 345kV Voltage	SBK Princetown 345	0.5	327.8	327.8	2790
3018	Marcy 345kV Voltage	Princetown-N.Scot 345	0.5	327.8	327.8	3006
3018	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	0.5	327.8	327.8	2977
3018	Marcy 345kV Voltage	SBK Marcy R3108	0.5	327.8	327.8	2892
3018	Clay 345kV Voltage	Pre-Fault	0.8	NA	345	3018
3018	Edic 345kV Voltage	SBK Princetown 345	0.5	327.8	327.9	2790
3018	Edic 345kV Voltage	N.Scot-Leeds 345	0.6	327.8	327.9	2970
3018	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	0.6	327.8	327.8	2978
3018	Edic 345kV Voltage	Princetown-N.Scot 345	0.6	327.8	327.8	3006
3018	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	3.3	327.8	332.1	2970
3018	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	3.3	327.8	332.1	2970
3019 >E	Oakdale 345kV Voltage	SBK Edic R945	1.5	320	333.4	2184
3019 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	1.5	320	333.4	2184
3020 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	4.2	327.8	337.7	3291
3021 >E	Fraser 345kV Voltage	Ph2 DC 1500	3.1	327.8	337.2	3291
3023 >E	Marcy 345kV Voltage	Ravenswood 3	2.7	327.8	328.2	3121
3023 >E	Edic 345kV Voltage	Ravenswood 3	2.7	327.8	328.4	3121
3023 >E	Coopers Corners 345kV Voltage	Ravenswood 3	3.0	327.8	332.1	3121
3025 >E	Ramapo 500kV Voltage	SBK Princetown 345	2.8	500	500.4	2797
3025 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	2.8	500	500.3	2977
3025 >E	Ramapo 500kV Voltage	Volney-Marcy	2.8	500	500.2	2954
3026 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	2.8	500	500.1	2985
3026 >E	Ramapo 500kV Voltage	SBK Edic R70	2.8	500	500.1	3059
3026 >E	Ramapo 500kV Voltage	SBK Edic R945	10.3	500	503.9	2185
3026 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	10.3	500	503.9	2185
3026 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	2.8	500	500.0	3014
3026 >E	Ramapo 500kV Voltage	Pre-Fault	2.8	NA	500	3026
3026 >E	Ramapo 500kV Voltage	SBK Marcy R3108	2.8	500	500.0	2899
3026 >E	Gilboa 345kV Voltage	Marcy South S.	7.1	327.8	343.7	3544
3028 >E	Gordon Rd 345kV Voltage	SBK Edic R945	2.7	327.8	322.5	2185
3028 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	322.5	2185
3029 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.8	320	333.2	2128
3029 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	8.1	327.8	329.7	2802
3030 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	2.7	327.8	331.0	2185
3030 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	2.7	327.8	331.0	2185
3030 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	2.7	327.8	331.0	2185
3030 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	2.7	327.8	331.0	2185
3030 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	4.9	327.8	327.8	2981

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3030 >E	Fraser 345kV Voltage	Volney-Marcy	4.9	327.8	327.8	2958
3030 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	4.9	327.8	327.8	3018
3030 >E	Fraser 345kV Voltage	SBK Marcy R3108	4.9	327.8	327.8	2902
3030 >E	Fraser 345kV Voltage	SBK Edic R70	4.9	327.8	327.8	3063
3030 >E	Fraser 345kV Voltage	SBK Princetown 345	4.9	327.8	327.8	2802
3030 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	4.9	327.8	327.8	2988
3032 >E	Gilboa 345kV Voltage	SBK Edic R945	2.2	327.8	337.5	2185
3032 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	2.2	327.8	337.5	2185
3032 >E	Oakdale 345kV Voltage	Ph2 DC 1500	2.9	320	334.5	3294
3032 >E	Fraser 345kV Voltage	Ravenswood 3	2.5	327.8	327.8	3128
3034 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	3.1	327.8	329.7	3130
3034 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	3.1	327.8	329.7	3130
3035 >E	Gilboa 345kV Voltage	Ph2 DC 1500	3.4	327.8	342.9	3295
3036 >E	Coopers Corners 345kV Voltage	SBK Edic R70	8.2	327.8	328.9	3069
3038 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	8.1	327.8	328.7	2989
3041 >E	Edic 345kV Voltage	SBK Edic R70	5.6	327.8	323.5	3074
3042 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	5.9	327.8	327.9	2968
3042 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	5.9	327.8	327.9	2968
3042 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	8.3	327.8	328.1	3000
3043 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	6.2	327.8	327.7	3031
3043 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	6.2	327.8	327.7	3031
3044 >E	Roseton 345kV Voltage	Pre-Fault	31.3	NA	345	3044
3044 >E	Oakdale 345kV Voltage	Ravenswood 3	2.1	320	322.0	3138
3044 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	6.1	327.8	327.6	3077
3044 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	6.1	327.8	327.6	3077
3044 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	8.3	327.8	327.9	3031
3045 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	6.3	327.8	327.4	3003
3045 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	6.3	327.8	327.4	3003
3046 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	4.8	327.8	330.6	2133
3046 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	4.8	327.8	330.6	2133
3047 >E	Clay 345kV Voltage	SBK Edic R945	2.5	327.8	339.9	2187
3047 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	2.5	327.8	339.9	2187
3047 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	338.3	2133
3047 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	6.2	327.8	327.1	2916
3047 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	6.2	327.8	327.1	2916
3047 >E	Coopers Corners 345kV Voltage	Volney-Marcy	8.1	327.8	327.6	2972
3048 >E	Dunwoodie 345kV Voltage	Ravenswood 3	7.8	327.8	335.9	3142

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3050 >E	Sprain Brook 345kV Voltage	Ravenswood 3	8.1	327.8	335.9	3143
3050 >E	Oakdale 345kV Voltage	SBK Marcy R3108	4.4	320	323.6	2919
3053 >E	Oakdale 345kV Voltage	Volney-Marcy	4.3	320	322.9	2977
3055 >E	Rock Tavern 345kV Voltage	SBK Edic R945	3.8	327.8	336.3	2188
3055 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	336.3	2188
3056 >E	Clay 345kV Voltage	Marcy South N.	8.9	327.8	348.0	3770
3057 >E	Gilboa 345kV Voltage	Ravenswood 3	3.1	327.8	330.0	3150
3061 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.5	320	321.3	2833
3066 >E	Millwood 345kV Voltage	Ravenswood 3	7.1	327.8	335.8	3156
3066 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	4.5	320	320.2	3022
3066 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	4.5	320	320.2	3016
3066 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	4.5	320	320.1	3053
3067 >E	Rock Tavern 345kV Voltage	Ravenswood 3	4.5	327.8	333.9	3158
3069 >E	Buchanan North 345kV Voltage	Ravenswood 3	7.7	327.8	335.6	3159
3070 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	329.8	3020
3070 >E	Oakdale 345kV Voltage	SBK Edic R70	4.6	320	319.2	3103
3071 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	9.0	327.8	324.7	2936
3072 >E	Pannell Road 345kV Voltage	SBK Edic R945	3.9	327.8	337.0	2190
3072 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	3.9	327.8	337.0	2190
3072 >E	Clay 345kV Voltage	Ph2 DC 1500	4.9	327.8	344.0	3305
3072 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	7.2	327.8	323.0	2844
3072 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	7.2	327.8	323.0	2844
3074 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	5.2	327.8	335.9	2141
3077 >E	Leeds 345kV Voltage	Ph2 DC 1500	4.4	327.8	344.2	3306
3078 >E	St.Lawrence 230kV Voltage	SBK Edic R945	7.5	218.5	222.9	2191
3078 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	7.5	218.5	222.9	2191
3079 >E	Buchanan South 345kV Voltage	Ravenswood 3	7.1	327.8	335.9	3168
3080 >E	Gilboa 345kV Voltage	Volney-Marcy	5.7	327.8	328.0	2998
3080 >E	Gilboa 345kV Voltage	SBK Marcy R3108	5.7	327.8	327.9	2944
3081 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	5.8	327.8	327.8	3068
3082 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	5.8	327.8	327.7	3036
3082 >E	Gilboa 345kV Voltage	SBK Edic R70	5.7	327.8	327.6	3114
3084 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.8	327.8	338.1	2144
3084 >E	Station 80 345kV Voltage	SBK Edic R945	4.5	327.8	336.0	2191
3084 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	336.0	2191
3085 >E	St.Lawrence 230kV Voltage	Pre-Fault	27.4	NA	225	3085
3087 >E	Gilboa 345kV Voltage	SBK Princetown 345	6.0	327.8	326.7	2859
3091 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	3.9	327.8	327.8	2192
3091 >E	Leeds 345kV Voltage	SBK Edic R945	3.9	327.8	327.8	2192

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3091 >E	Leeds 345kV Voltage	Ravenswood 3	3.9	327.8	327.8	3177
3092 >E	Clay 345kV Voltage	Ravenswood 3	4.1	327.8	329.5	3178
3093 >E	Leeds 345kV Voltage	Marcy South S.	9.2	327.8	342.9	3570
3093 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	6.2	327.8	332.7	3179
3094 >E	Buchanan North 345kV Voltage	SBK Edic R945	7.2	327.8	333.0	2192
3094 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	7.2	327.8	333.0	2192
3096 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	7.3	327.8	331.6	2148
3102 >E	Dunwoodie 345kV Voltage	SBK Edic R945	8.1	327.8	330.2	2193
3102 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	330.2	2193
3105 >E	Fraser 345kV Voltage	Marcy South S.	8.9	327.8	327.8	3575
3105 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	8.3	327.8	330.4	2194
3105 >E	Sprain Brook 345kV Voltage	SBK Edic R945	8.3	327.8	330.4	2194
3105 >E	Oakdale 345kV Voltage	Marcy South S.	5.0	320	320.6	3575
3105 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	8.3	327.8	329.3	2151
3106 >E	Millwood 345kV Voltage	SBK Edic R945	7.1	327.8	331.1	2194
3106 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	7.1	327.8	331.1	2194
3106 >E	Ramapo 345kV Voltage	Ravenswood 3	7.2	327.8	335.4	3190
3106 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	8.3	327.8	329.4	2151
3108 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	7.1	327.8	343.7	3315
3109 >E	Ladentown 345kV Voltage	Ravenswood 3	7.0	327.8	336.0	3193
3110 >E	Ramapo 345kV Voltage	SBK Edic R945	6.3	327.8	335.0	2194
3110 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	6.3	327.8	335.0	2194
3110 >E	Buchanan South 345kV Voltage	SBK Edic R945	6.8	327.8	332.3	2194
3110 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	332.3	2194
3111 >E	Roseton 345kV Voltage	Ravenswood 3	5.9	327.8	334.2	3194
3112 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	10.7	218.5	221.3	2153
3115 >E	Bowline 2 345kV Voltage	Ravenswood 3	6.6	327.8	336.2	3198
3116 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	6.2	327.8	329.4	2195
3116 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	6.2	327.8	329.4	2195
3117 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	9.9	327.8	340.5	3317
3117 >E	Pannell Road 345kV Voltage	Ravenswood 3	5.8	327.8	329.4	3199
3119 >E	St.Lawrence 230kV Voltage	Ravenswood 3	11.1	218.5	219.4	3201
3119 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	8.0	327.8	342.1	3318
3120 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	6.4	327.8	334.7	2195
3120 >E	Ladentown 345kV Voltage	SBK Edic R945	6.4	327.8	334.7	2195
3120 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	8.0	327.8	330.1	2155
3123 >E	Roseton 345kV Voltage	SBK Edic R945	5.9	327.8	332.5	2196
3123 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	5.9	327.8	332.5	2196
3124 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	8.1	327.8	341.8	3319
3125 >E	Bowline 2 345kV Voltage	SBK Edic R945	6.0	327.8	335.0	2196
3125 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	335.0	2196

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3125 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	7.2	327.8	333.5	2157
3125 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	7.7	327.8	331.1	2157
3125 >E	Fraser 345kV Voltage	Marcy South N.	10.1	327.8	327.8	3779
3126 >E	Bowline 1 345kV Voltage	Ravenswood 3	7.3	327.8	336.5	3207
3129 >E	Station 80 345kV Voltage	Ravenswood 3	6.6	327.8	329.5	3209
3130 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	7.3	327.8	335.4	2158
3132 >E	Ramapo 500kV Voltage	Marcy South S.	24.2	500	502.7	3585
3132 >E	Clay 345kV Voltage	Volney-Marcy	7.6	327.8	331.6	3040
3135 >E	Bowline 1 345kV Voltage	SBK Edic R945	6.6	327.8	335.4	2197
3135 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	6.6	327.8	335.4	2197
3136 >E	Millwood 345kV Voltage	Ph2 DC 1500	10.2	327.8	340.7	3322
3137 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	7.3	327.8	333.1	2160
3138 >E	Leeds 345kV Voltage	Marcy South N.	9.9	327.8	341.2	3781
3139 >E	St.Lawrence 230kV Voltage	Volney-Marcy	15.3	218.5	223.0	3045
3139 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	16.4	218.5	226.4	3323
3139 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	12.1	327.8	338.9	3323
3140 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	12.2	327.8	338.8	3323
3142 >E	Gilboa 345kV Voltage	Marcy South N.	11.3	327.8	336.7	3781
3142 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	6.8	327.8	333.3	2162
3143 >E	St.Lawrence 230kV Voltage	Marcy South N.	19.1	218.5	224.9	3781
3143 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	9.8	327.8	342.2	3324
3145 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	6.6	327.8	327.8	2163
3146 >E	Station 80 345kV Voltage	Ph2 DC 1500	9.8	327.8	341.1	3325
3148 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	8.4	327.8	334.4	2163
3149 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	17.3	218.5	222.7	3000
3149 >E	Clay 345kV Voltage	SBK Marcy R3108	8.9	327.8	329.6	3001
3153 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	8.3	327.8	327.8	3100
3153 >E	Leeds 345kV Voltage	SBK Princetown 345	8.3	327.8	327.8	2924
3153 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	8.3	327.8	327.8	3137
3153 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	8.3	327.8	327.8	3102
3153 >E	Leeds 345kV Voltage	SBK Marcy R3108	8.3	327.8	327.8	3003
3153 >E	Leeds 345kV Voltage	Volney-Marcy	8.3	327.8	327.8	3056
3153 >E	Leeds 345kV Voltage	SBK Edic R70	8.3	327.8	327.8	3183
3154 >E	Ramapo 345kV Voltage	Ph2 DC 1500	9.4	327.8	344.3	3327
3154 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	8.3	327.8	328.7	2165
3156 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	333.7	2166
3157 >E	Pannell Road 345kV Voltage	Marcy South N.	14.5	327.8	344.0	3783
3161 >E	Clay 345kV Voltage	SBK Princetown 345	8.6	327.8	328.3	2932
3165 >E	Clay 345kV Voltage	N.Scot-Leeds 345	8.7	327.8	327.9	3112
3165 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr	8.7	327.8	327.9	3113

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3165 >E	Ladentown 345kV Voltage	Ph2 DC 1500	9.4	327.8	345.2	3330
3165 >E	Clay 345kV Voltage	Princeton-N.Scot 345	8.7	327.8	327.8	3150
3170 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	8.3	327.8	332.0	2170
3173 >E	Roseton 345kV Voltage	Ph2 DC 1500	9.2	327.8	344.9	3332
3176 >E	Clay 345kV Voltage	Marcy South S.	9.0	327.8	335.5	3602
3179 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	9.3	327.8	346.5	3334
3182 >E	Clay 345kV Voltage	SBK Edic R70	8.9	327.8	325.8	3212
3184 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	9.3	327.8	346.8	3335
3186 >E	Station 80 345kV Voltage	Volney-Marcy	10.3	327.8	329.7	3083
3199 >E	Pannell Road 345kV Voltage	Volney-Marcy	11.2	327.8	330.3	3093
3205 >E	Station 80 345kV Voltage	SBK Marcy R3108	11.5	327.8	328.0	3047
3205 >E	Station 80 345kV Voltage	Marcy South N.	16.9	327.8	342.4	3790
3206 >E	Station 80 345kV Voltage	SBK Princeton 345	11.2	327.8	327.9	2976
3207 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	11.2	327.8	327.8	3153
3207 >E	Station 80 345kV Voltage	Princeton-N.Scot 345	11.2	327.8	327.8	3191
3207 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	11.2	327.8	327.8	3153
3215 >E	Station 80 345kV Voltage	SBK Edic R70	11.4	327.8	327.1	3244
3223 >E	Somerset 345kV Voltage	SBK Edic R945	9.1	327.8	337.2	2207
3223 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	337.2	2207
3224 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	12.8	327.8	328.3	3063
3227 >E	Pannell Road 345kV Voltage	SBK Princeton 345	12.4	327.8	328.0	2998
3230 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	12.5	327.8	327.8	3175
3231 >E	Pannell Road 345kV Voltage	Princeton-N.Scot 345	12.5	327.8	327.8	3214
3231 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	12.5	327.8	327.8	3175
3234 >E	Ramapo 500kV Voltage	Marcy South N.	43.5	500	503.1	3793
3235 >E	Pleasant Valley 345kV Voltage	Marcy South N.	16.7	327.8	335.3	3793
3243 >E	Pannell Road 345kV Voltage	SBK Edic R70	12.7	327.8	326.8	3272
3246 >E	Dunwoodie 345kV Voltage	Marcy South N.	20.3	327.8	329.2	3795
3251 >E	Sprain Brook 345kV Voltage	Marcy South N.	20.5	327.8	329.2	3795
3263 >E	St.Lawrence 230kV Voltage	Princeton-N.Scot 345	27.4	218.5	218.5	3246
3264 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	27.4	218.5	218.5	3206
3264 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	27.5	218.5	218.4	3208
3266 >E	Pleasant Valley 345kV Voltage	Marcy South S.	22.9	327.8	337.1	3637
3268 >E	St.Lawrence 230kV Voltage	SBK Princeton 345	27.5	218.5	218.3	3038
3283 >E	Pannell Road 345kV Voltage	Marcy South S.	14.6	327.8	333.3	3644
3284 >E	St.Lawrence 230kV Voltage	SBK Edic R70	29.6	218.5	217.7	3312
3296 >E	Millwood 345kV Voltage	Marcy South N.	20.3	327.8	330.0	3801

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3298 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	20.3	327.8	329.0	3240
3316 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	20.9	327.8	328.1	3343
3325 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	21.4	327.8	327.7	3306
3326 >E	Somerset 345kV Voltage	Ravenswood 3	13.2	327.8	329.8	3372
3327 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	21.2	327.8	327.6	3195
3329 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	21.5	327.8	327.5	3265
3335 >E	Coopers Corners 345kV Voltage	Marcy South N.	14.9	327.8	311.9	3806
3337 >E	Station 80 345kV Voltage	Marcy South S.	17.6	327.8	332.5	3665
3337 >E	Somerset 345kV Voltage	Pre-Fault	23.6	NA	338	3337
3337 >E	Watercure 230kV Voltage	Ph2 DC 1500	16.5	207	232.4	3377
3344 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	21.9	327.8	326.8	3162
3350 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	22.1	327.8	326.5	3120
3363 >E	St.Lawrence 230kV Voltage	Marcy South S.	33.8	218.5	221.2	3675
3365 >E	Buchanan South 345kV Voltage	Marcy South N.	21.6	327.8	329.3	3810
3368 >E	Buchanan North 345kV Voltage	Marcy South N.	23.6	327.8	327.8	3811
3383 >E	Rainey 345kV Voltage	Ravenswood 3	20.3	327.8	342.2	3420
3385 >E	Somerset 345kV Voltage	Ph2 DC 1500	17.7	327.8	343.4	3389
3388 >E	Watercure 230kV Voltage	SBK Edic R945	17.7	207	240.8	2226
3388 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	17.7	207	240.8	2226
3401 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	16.6	327.8	335.0	2239
3407 >E	Farragut 345kV Voltage	Ravenswood 3	21.4	327.8	341.5	3440
3417 >E	Watercure 230kV Voltage	Marcy South N.	29.4	207	232.0	3817
3446 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	20.4	207	228.4	2253
3450 >E	Roseton 345kV Voltage	Marcy South N.	21.8	327.8	332.0	3821
3463 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	33.5	327.8	329.7	3400
3479 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	34.9	327.8	329.3	3247
3485 >E	Rock Tavern 345kV Voltage	SBK Edic R70	35.0	327.8	329.1	3509
3509 >E	Rock Tavern 345kV Voltage	Marcy South N.	22.5	327.8	323.0	3829
3528 >E	Rock Tavern 345kV Voltage	Volney-Marcy	36.3	327.8	328.0	3356
3530 >E	Somerset 345kV Voltage	Volney-Marcy	21.8	327.8	329.8	3358
3531 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	37.6	327.8	327.9	3453
3534 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	37.7	327.8	327.8	3511
3542 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	29.5	327.8	329.1	3476
3546 >E	Ladentown 345kV Voltage	Marcy South N.	25.1	327.8	327.4	3834
3560 >E	Roseton 345kV Voltage	SBK Edic R70	30.4	327.8	328.5	3582
3574 >E	Ramapo 345kV Voltage	Marcy South N.	27.2	327.8	326.3	3837
3579 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	23.6	327.8	327.8	3554
3579 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	23.7	327.8	327.7	3512
3580 >E	Somerset 345kV Voltage	SBK Princetown 345	23.7	327.8	327.7	3348

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3580 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	23.7	327.8	327.7	3499
3582 >E	Millwood 345kV Voltage	Marcy South S.	40.0	327.8	330.9	3760
3583 >E	Roseton 345kV Voltage	Volney-Marcy	31.0	327.8	327.8	3400
3583 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	31.4	327.8	327.8	3558
3585 >E	Roseton 345kV Voltage	SBK Princetown 345	31.3	327.8	327.7	3352
3585 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	31.5	327.8	327.7	3503
3589 >E	Somerset 345kV Voltage	SBK Edic R70	23.9	327.8	327.3	3610
3591 >E	Bowline 1 345kV Voltage	Marcy South N.	25.2	327.8	327.2	3839
3596 >E	Goethals 345kV Voltage	Ravenswood 3	28.9	327.8	340.8	3597
3600 >E	Bowline 2 345kV Voltage	Marcy South N.	25.1	327.8	327.3	3840
3604 >E	Somerset 345kV Voltage	SBK Marcy R3108	24.7	327.8	326.7	3377
3616 >E	Niagara 345kV Voltage	SBK Edic R945	20.7	327.8	339.1	2252
3616 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	20.7	327.8	339.1	2252
3621 >E	Sprain Brook 345kV Voltage	Marcy South S.	49.3	327.8	330.2	3775
3621 >E	Dunwoodie 345kV Voltage	Marcy South S.	50.0	327.8	330.2	3775
3631 >E	Roseton 345kV Voltage	SBK Marcy R3108	32.8	327.8	326.2	3399
3658 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	42.5	327.8	324.6	3422
3679 >E	Roseton 345kV Voltage	Marcy South S.	33.8	327.8	331.0	3797
3686 >E	Buchanan North 345kV Voltage	Marcy South S.	40.6	327.8	327.3	3800
3688 >E	Buchanan South 345kV Voltage	Marcy South S.	39.6	327.8	329.6	3801
3700 >E	Somerset 345kV Voltage	Marcy South N.	33.1	327.8	342.9	3853
3716 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	28.2	327.8	332.5	2263
3716 >E	Rainey 345kV Voltage	SBK Edic R945	28.2	327.8	332.5	2263
3730 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	29.3	327.8	332.5	2265
3730 >E	Farragut 345kV Voltage	SBK Edic R945	29.3	327.8	332.5	2265
3769 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	30.3	327.8	330.7	2350
3788 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	31.6	327.8	330.7	2355
3820 >E	Somerset 345kV Voltage	Marcy South S.	32.8	327.8	332.4	3852
3842 >E	Niagara 230kV East Voltage	SBK Edic R945	55.3	218.5	225.2	2277
3842 >E	Niagara 230kV West Voltage	SBK Edic R945	55.3	218.5	225.2	2277
3842 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	55.3	218.5	225.2	2278
3842 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	55.3	218.5	225.2	2278
3913 >E	Rainey 345kV Voltage	Ph2 DC 1500	36.7	327.8	348.3	3532
3915 >E	Niagara 345kV Voltage	Ravenswood 3	30.9	327.8	329.9	3861
3924 >E	Farragut 345kV Voltage	Ph2 DC 1500	37.9	327.8	347.9	3535
3933 >E	Ladentown 345kV Voltage	Marcy South S.	40.3	327.8	327.2	3895
3956 >E	Niagara 345kV Voltage	Ph2 DC 1500	34.2	327.8	345.7	3543
3956 >E	Ramapo 345kV Voltage	Marcy South S.	42.0	327.8	326.0	3905
3999 >E	Bowline 1 345kV Voltage	Marcy South S.	40.3	327.8	327.2	3921

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4002 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	40.3	327.8	332.6	2296
4002 >E	Goethals 345kV Voltage	SBK Edic R945	40.3	327.8	332.6	2296
4015 >E	Bowline 2 345kV Voltage	Marcy South S.	40.3	327.8	327.3	3928
4075 >E	Niagara 230kV East Voltage	Ph2 DC 1500	74.3	218.5	228.4	3575
4075 >E	Niagara 230kV West Voltage	Ph2 DC 1500	74.3	218.5	228.4	3575
4084 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	43.5	327.8	330.7	2444
4136 >E	Niagara 345kV Voltage	Pre-Fault	58.5	NA	338	4136
4151 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	39.0	327.8	336.3	2464
4237 >E	Rock Tavern 345kV Voltage	Marcy South S.	47.6	327.8	310.3	4014
4241 >E	Goethals 345kV Voltage	Ph2 DC 1500	50.7	327.8	348.2	3620
4287 >E	Watercure 230kV Voltage	Pre-Fault	72.4	NA	215	4287
4334 >E	Watercure 230kV Voltage	Volney-Marcy	53.6	207	214.3	4001
4370 >E	Niagara 230kV East Voltage	Ravenswood 3	90.2	218.5	219.8	4240
4370 >E	Niagara 230kV West Voltage	Ravenswood 3	90.2	218.5	219.8	4240
4579 >E	Niagara 345kV Voltage	Volney-Marcy	53.3	327.8	330.4	4197
4597 >E	Gardenville 230kV Voltage	Ph2 DC 1500	59.0	207	227.6	3716
4614 >E	Watercure 230kV Voltage	SBK Marcy R3108	65.6	207	210.5	4213
4626 >E	Niagara 230kV East Voltage	Pre-Fault	188.6	NA	225	4626
4626 >E	Niagara 230kV West Voltage	Pre-Fault	188.6	NA	225	4626
4649 >E	Gardenville 230kV Voltage	SBK Edic R945	60.6	207	230.6	2369
4649 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	60.6	207	230.6	2369
4696 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	112.1	218.5	224.0	2628
4696 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	112.1	218.5	224.0	2628
4737 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	58.6	327.8	327.7	4686
4741 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	58.7	327.8	327.7	4634
4746 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	58.9	327.8	327.6	4579
4748 >E	Niagara 345kV Voltage	SBK Princetown 345	59.0	327.8	327.5	4506
4764 >E	Watercure 230kV Voltage	SBK Princetown 345	69.5	207	208.4	4522
4768 >E	Niagara 345kV Voltage	SBK Edic R70	59.7	327.8	327.2	4765
4796 >E	Rainey 345kV Voltage	Marcy South N.	71.1	327.8	330.3	3995
4844 >E	Farragut 345kV Voltage	Marcy South N.	74.4	327.8	330.4	4001
4855 >E	Niagara 345kV Voltage	SBK Marcy R3108	62.4	327.8	325.7	4413
4875 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	72.8	207	206.9	4821
4882 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	73.2	207	206.8	4771
4892 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	73.6	207	206.7	4714
4931 >E	Coopers Corners 345kV Voltage	Marcy South S.	53.9	327.8	207.8	4282
5010 >E	Niagara 345kV Voltage	Marcy South S.	67.1	327.8	332.3	4313
5027 >E	Watercure 230kV Voltage	SBK Edic R70	78.0	207	204.8	5018
5139 >E	Niagara 345kV Voltage	Marcy South N.	76.3	327.8	345.3	4039

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5367 >E	Northport 138kV Voltage	Ravenswood 3	190.0	131.1	133.8	5068
5469 >E	Goethals 345kV Voltage	Marcy South N.	99.6	327.8	330.5	4082
5524 >E	Niagara 230kV East Voltage	Volney-Marcy	166.9	218.5	220.2	4952
5524 >E	Niagara 230kV West Voltage	Volney-Marcy	166.9	218.5	220.2	4952
5543 >E	Niagara 230kV East Voltage	Marcy South S.	165.9	218.5	220.8	4520
5543 >E	Niagara 230kV West Voltage	Marcy South S.	165.9	218.5	220.8	4520
5606 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	204.3	131.1	132.8	2478
5606 >E	Northport 138kV Voltage	SBK Edic R945	204.3	131.1	132.8	2478
5861 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	189.1	218.5	218.5	5784
5861 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	189.1	218.5	218.5	5784
5869 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	189.7	218.5	218.4	5725
5869 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	189.7	218.5	218.4	5725
5886 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	190.9	218.5	218.3	5636
5886 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	190.9	218.5	218.3	5636
5887 >E	Niagara 230kV East Voltage	SBK Princetown 345	191.0	218.5	218.3	5636
5887 >E	Niagara 230kV West Voltage	SBK Princetown 345	191.0	218.5	218.3	5636
5931 >E	Niagara 230kV East Voltage	SBK Edic R70	194.0	218.5	218.1	5904
5931 >E	Niagara 230kV West Voltage	SBK Edic R70	194.0	218.5	218.1	5904
6122 >E	Niagara 230kV East Voltage	SBK Marcy R3108	205.7	218.5	217.1	5462
6122 >E	Niagara 230kV West Voltage	SBK Marcy R3108	205.7	218.5	217.1	5462
6146 >E	Niagara 230kV East Voltage	Marcy South N.	218.0	218.5	229.5	4169
6146 >E	Niagara 230kV West Voltage	Marcy South N.	218.0	218.5	229.5	4169
6590 >E	Northport 138kV Voltage	Ph2 DC 1500	285.1	131.1	141.9	4253
6862 >E	Rainey 345kV Voltage	Marcy South S.	152.6	327.8	331.8	5031
6898 >E	Farragut 345kV Voltage	Marcy South S.	157.0	327.8	331.9	5045
7555 >E	Gardenville 230kV Voltage	Marcy South S.	166.4	207	214.2	5299
8327 >E	Goethals 345kV Voltage	Marcy South S.	214.5	327.8	332.8	5598
9524 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	240.3	207	244.9	4075
9557 >E	Gardenville 230kV Voltage	Ravenswood 3	235.9	207	217.7	8548
13276 >E	Watercure 230kV Voltage	Marcy South S.	387.8	207	230.2	7516
27777 >E	Northport 138kV Voltage	Marcy South S.	1959.7	131.1	130.5	13136
40061 >E	Northport 138kV Voltage	Pre-Fault	4218.8	NA	135	40061
45069 >E	Northport 138kV Voltage	N.Scot-Leeds 345	3318.8	131.1	133.8	43602
48092 >E	Northport 138kV Voltage	SBK Edic R70	3555.9	131.1	133.1	47183

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
48411 >E	Gardenville 230kV Voltage	Marcy South N.	1774.1	207	450.3	9623
55624 >E	Northport 138kV Voltage	Princetown-N.Scot 345	4148.5	131.1	131.3	54422
56520 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	4218.8	131.1	131.1	52567
56556 >E	Northport 138kV Voltage	Volney-Marcy	4218.8	131.1	131.1	45760
58436 >E	Northport 138kV Voltage	SBK Princetown 345	4366.9	131.1	130.6	57765
68891 >E	Northport 138kV Voltage	SBK Marcy R3108	5185.6	131.1	128.2	57442
99998 >E	Bowline 1 345kV Voltage	Pre-Fault	NA	NA	345	99998
99998 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Bowline 1 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Bowline 1 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Bowline 1 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Bowline 2 345kV Voltage	Pre-Fault	NA	NA	345	99998
99998 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Bowline 2 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Bowline 2 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Bowline 2 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998	Bowline 2 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Buchanan North 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Buchanan North 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Buchanan North 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Buchanan North 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Buchanan North 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Buchanan North 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Buchanan South 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Buchanan South 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Buchanan South 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Buchanan South 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Buchanan South 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Buchanan South 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
99998 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998	Gardenville 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Ladentown 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Ladentown 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Ladentown 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Ladentown 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Ladentown 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Ladentown 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Millwood 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Millwood 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Millwood 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Millwood 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Millwood 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Millwood 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998	Rainey 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Rainey 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Ramapo 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Ramapo 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Ramapo 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Ramapo 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Ramapo 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Ramapo 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Sprain Brook 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Sprain Brook 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Sprain Brook 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Sprain Brook 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

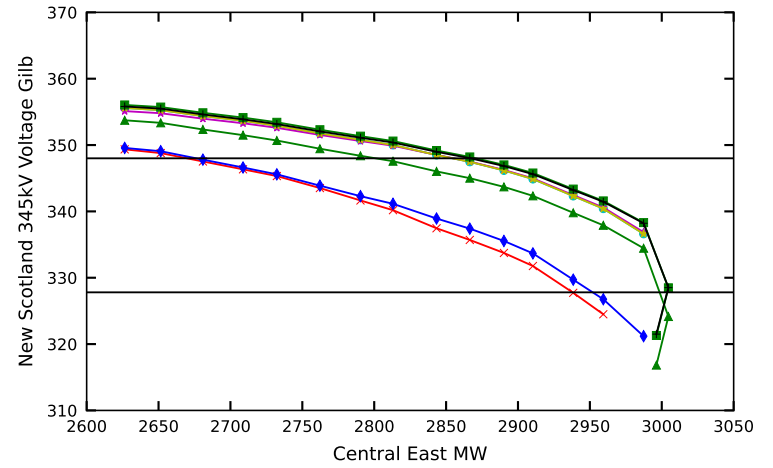
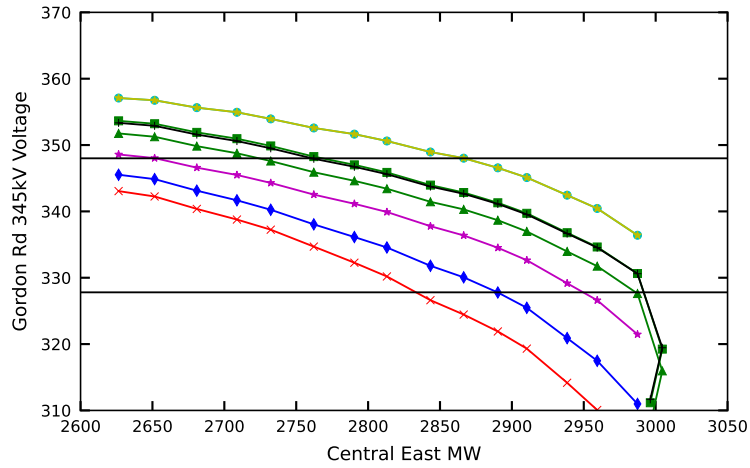
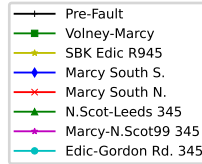
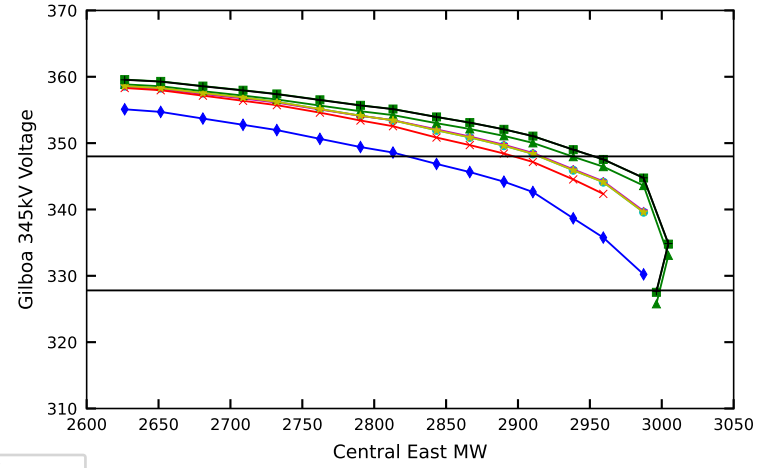
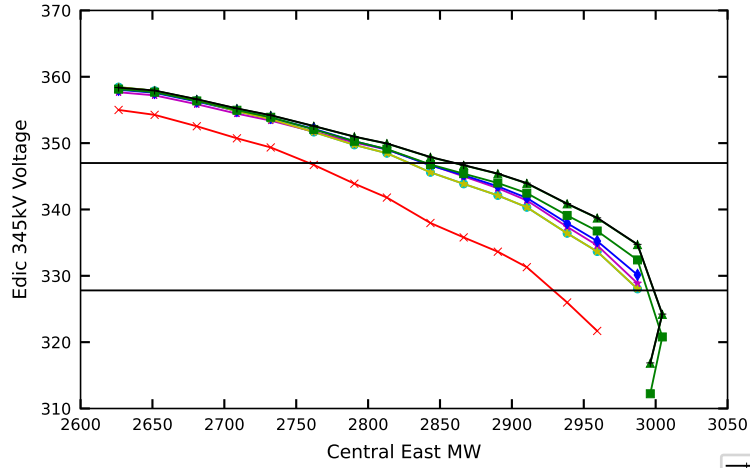
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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0M_CAPS

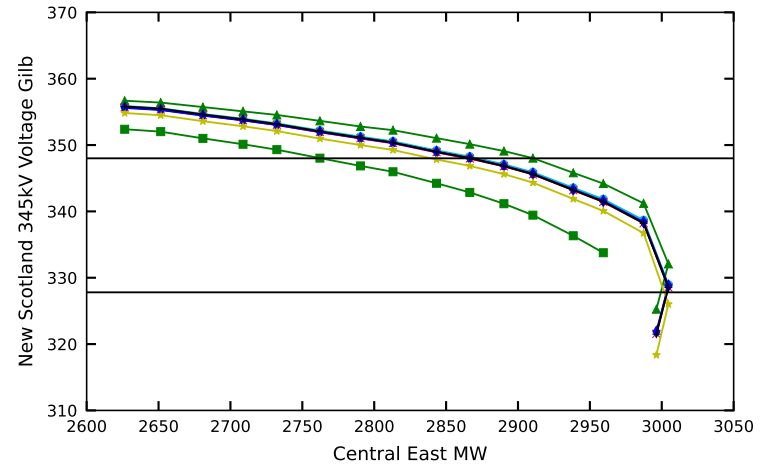
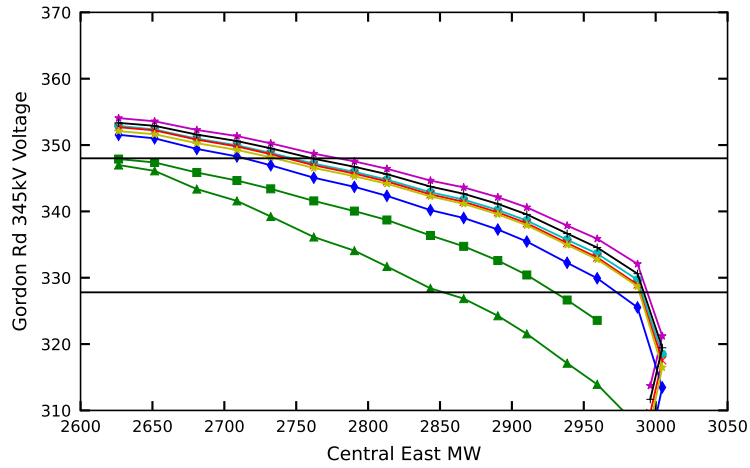
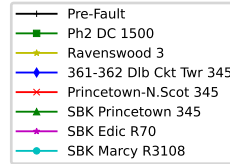
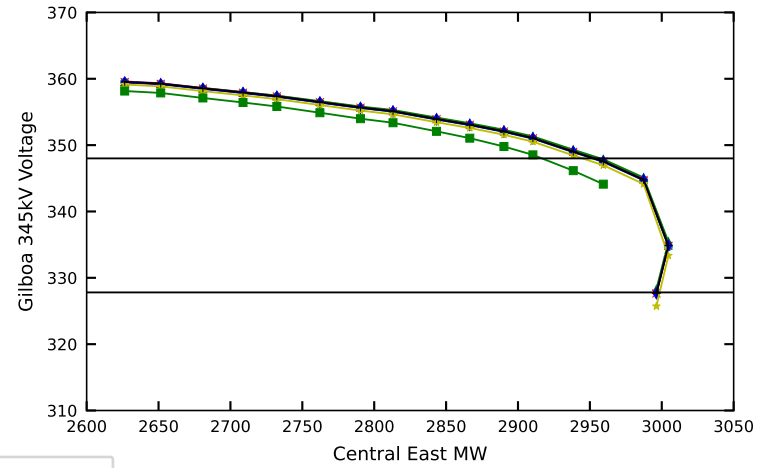
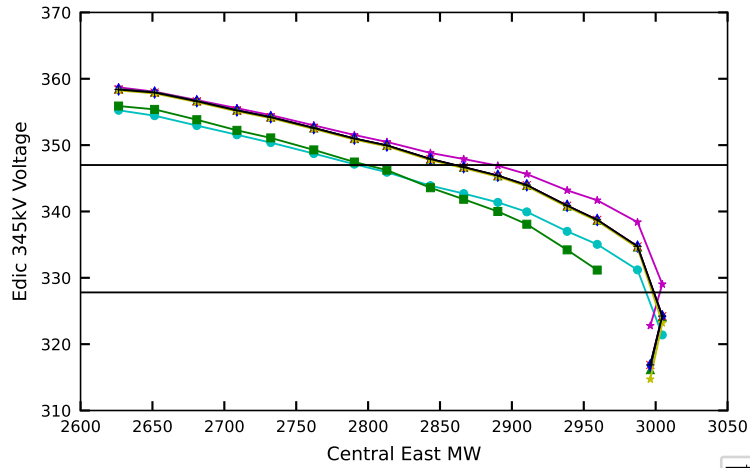
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						
99998	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr	NA	327.8	NA	99998
>E		345				
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99999	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

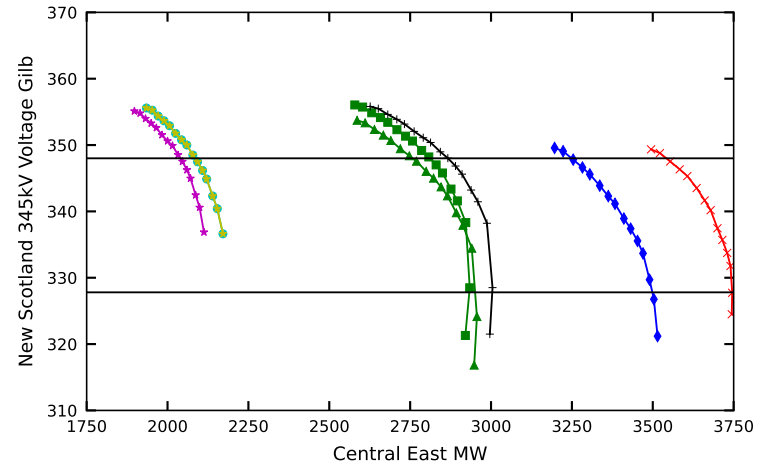
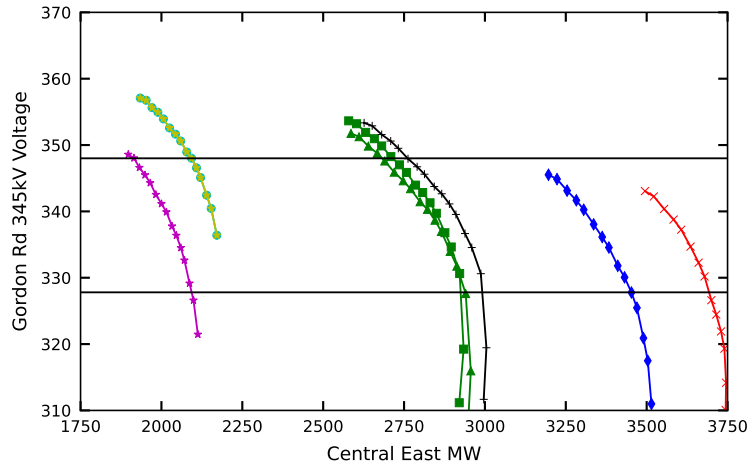
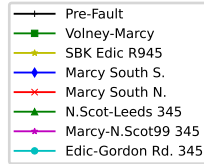
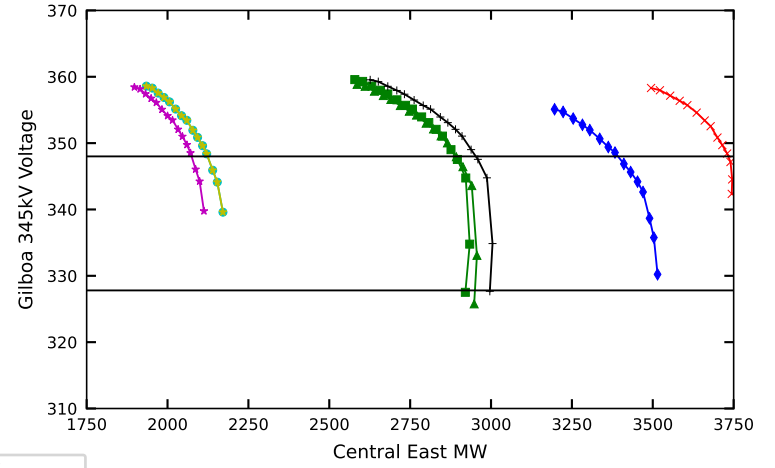
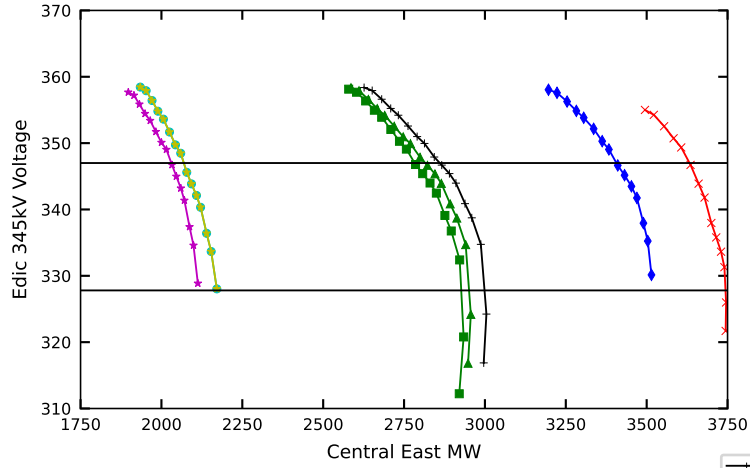
1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0NS_CAPS Figure 1



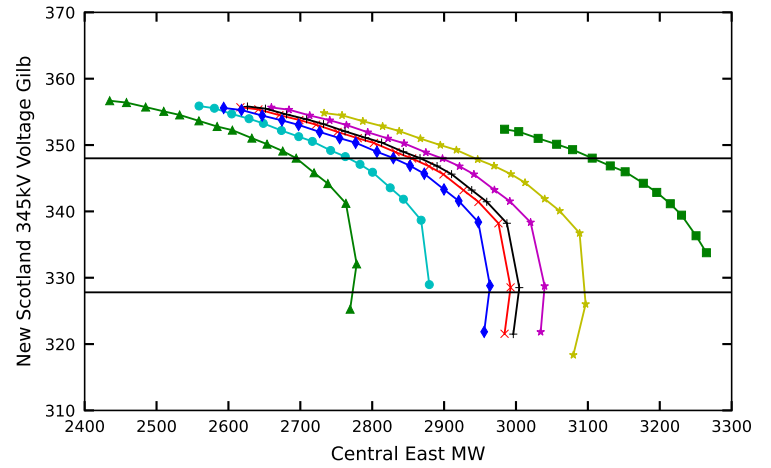
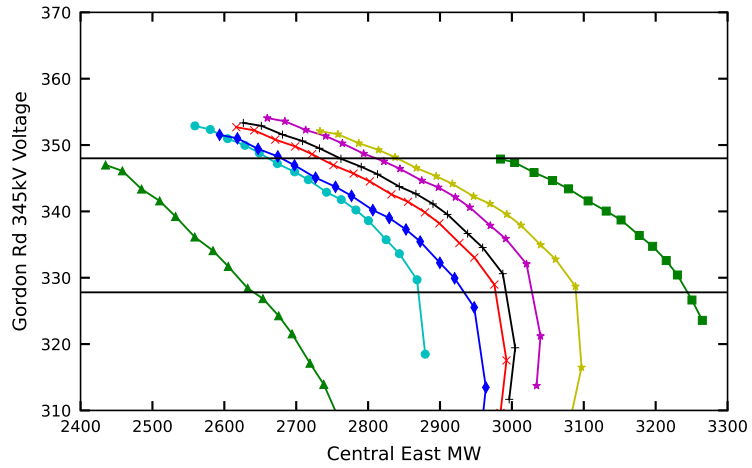
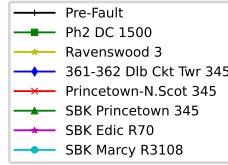
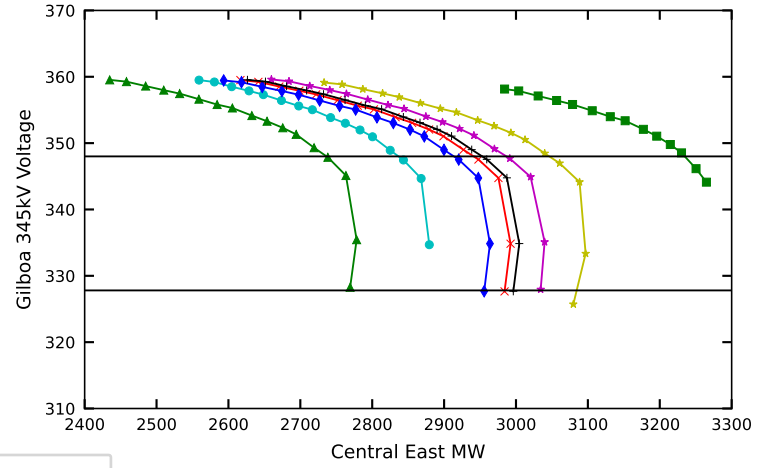
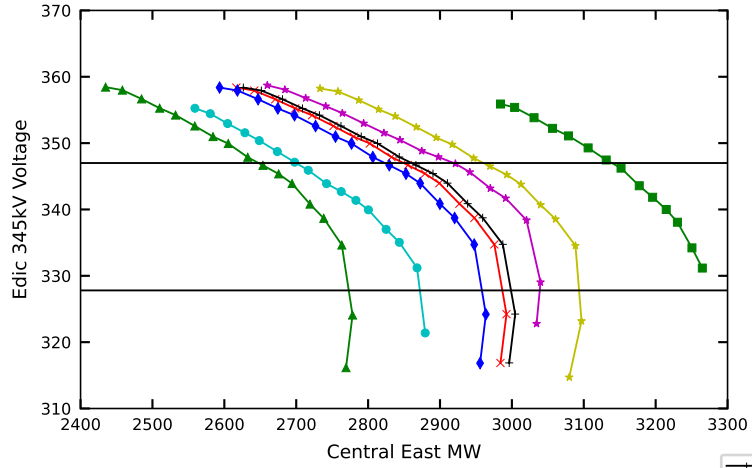
1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0NS_CAPS Figure 2



1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0NS_CAPS Figure 1



1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 0NS_CAPS Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 5O ONS_CAPS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2626	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2651	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2680	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2708	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2732	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2762	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2790	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2813	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2843	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2866	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2890	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2910	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2938	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2959	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2987	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	5															
3004	t1	0	2	1	0	2	2	2	0	0	0	0	0	0	0	2
	6															
2996	t1	0	2	2	0	2	2	2	0	1	0	0	0	0	0	2
	7															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\ONS_CAPS\Sum2023_CEVC_PH2_5O_ONS_CAPS.xlsx

1: 2023S CEVC PH2 CE2610 MS2270 DE1420 5O ONS_CAPS

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16	t17
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2731 >E	Dunwoodie 345kV Voltage	Pre-Fault	35.1	NA	348	2731
2735 >E	Sprain Brook 345kV Voltage	Pre-Fault	34.9	NA	348	2735
2760	Gordon Rd 345kV Voltage	Pre-Fault	19.0	NA	348	2760
2767	Millwood 345kV Voltage	Pre-Fault	87.8	NA	348	2767
2791	limit with 5% margin	Marcy South N.	NA	NA	NA	3558
2811	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3101
2833	Gordon Rd 345kV Voltage	Marcy South N.	8.5	327.8	344.4	3692
2838	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2062
2838	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2006
2838	limit with 5% margin	Marcy South S.	NA	NA	NA	3339
2838	limit with 5% margin	SBK Edic R945	NA	NA	NA	2062
2840	Marcy 345kV Voltage	Pre-Fault	14.6	NA	348	2840
2852	Gordon Rd 345kV Voltage	SBK Princetown 345	14.9	327.8	343.3	2640
2854	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2808
2854	limit with 5% margin	Volney-Marcy	NA	NA	NA	2787
2854	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2735
2854	limit with 5% margin	SBK Edic R70	NA	NA	NA	2887
2854	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2639
2854	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2842
2854	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2815
2854	limit with 5% margin	Ravenswood 3	NA	NA	NA	2942
2857	Buchanan North 345kV Voltage	Pre-Fault	69.9	NA	346	2857
2860	Edic 345kV Voltage	Pre-Fault	19.0	NA	347	2860
2867	New Scotland 345kV Voltage Alps	Pre-Fault	20.0	NA	348	2867
2867	New Scotland 345kV Voltage Gilb	Pre-Fault	20.0	NA	348	2867
2889	Gordon Rd 345kV Voltage	Marcy South S.	10.4	327.8	341.1	3452
2922	Rock Tavern 345kV Voltage	Pre-Fault	17.9	NA	348	2922
2928	Edic 345kV Voltage	Marcy South N.	5.3	327.8	341.9	3743
2929	Marcy 345kV Voltage	Marcy South N.	5.2	327.8	341.7	3743
2929	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.4	327.8	337.5	3244
2935	Pleasant Valley 345kV Voltage	Pre-Fault	20.7	NA	348	2935
2937	New Scotland 345kV Voltage Alps	Marcy South N.	6.9	327.8	343.3	3745
2937	New Scotland 345kV Voltage Gilb	Marcy South N.	6.9	327.8	343.3	3745
2941	Coopers Corners 345kV Voltage	Pre-Fault	12.1	NA	338	2941
2948	Buchanan South 345kV Voltage	Pre-Fault	31.3	NA	346	2948
2949	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	8.2	327.8	335.5	2093
2950	Coopers Corners 345kV Voltage	SBK Edic R945	7.8	327.8	337.2	2147
2950	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	7.8	327.8	337.2	2147
2951	New Scotland 345kV Voltage Alps	Marcy South S.	7.1	327.8	342.1	3498
2951	New Scotland 345kV Voltage Gilb	Marcy South S.	7.1	327.8	342.1	3498

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2952	Gilboa 345kV Voltage	Pre-Fault	14.3	NA	348	2952
2954	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	7.8	327.8	336.9	2096
2957 >E	Oakdale 345kV Voltage	Marcy South N.	5.7	320	344.2	3749
2972	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	332.6	2933
2978	Ramapo 500kV Voltage	Ravenswood 3	11.0	500	505.0	3079
2982 >E	Edic 345kV Voltage	Ph2 DC 1500	6.9	327.8	336.4	3280
2982 >E	Marcy 345kV Voltage	Ph2 DC 1500	6.8	327.8	336.2	3280
2983	Fraser 345kV Voltage	Pre-Fault	6.4	NA	338	2983
2984	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.9	327.8	335.0	2169
2984	Marcy 345kV Voltage	SBK Edic R945	4.9	327.8	335.0	2169
2986	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	330.8	2939
2987	Ramapo 345kV Voltage	Pre-Fault	4.1	NA	346	2987
2988 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.0	327.8	334.6	2172
2988 >E	Edic 345kV Voltage	SBK Edic R945	5.0	327.8	334.6	2171
2988	Gordon Rd 345kV Voltage	Ravenswood 3	1.4	327.8	329.8	3089
2989	Gordon Rd 345kV Voltage	Princeton-N.Scot 345	1.5	327.8	329.5	2977
2989	Coopers Corners 345kV Voltage	Ravenswood 3	1.5	327.8	331.8	3089
2990	Gordon Rd 345kV Voltage	SBK Marcy R3108	1.5	327.8	328.7	2869
2991 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.1	327.8	336.7	2173
2991 >E	Fraser 345kV Voltage	SBK Edic R945	4.2	327.8	336.7	2173
2991	Gordon Rd 345kV Voltage	Volney-Marcy	1.5	327.8	327.8	2924
2992	Ladentown 345kV Voltage	Pre-Fault	4.0	NA	346	2992
2992 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	4.9	327.8	334.0	2115
2993	Coopers Corners 345kV Voltage	SBK Princeton 345	1.7	327.8	329.5	2768
2993	Edic 345kV Voltage	SBK Marcy R3108	1.8	327.8	331.1	2871
2993 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.1	327.8	336.3	2115
2993 >E	Ramapo 500kV Voltage	Ph2 DC 1500	37.6	500	506.2	3288
2994	Station 80 345kV Voltage	Pre-Fault	4.2	NA	346	2994
2994	Marcy 345kV Voltage	Volney-Marcy	1.5	327.8	330.4	2926
2994	Gordon Rd 345kV Voltage	SBK Edic R70	1.6	327.8	326.2	3028
2994	Oakdale 345kV Voltage	Pre-Fault	1.4	NA	335	2994
2994	Edic 345kV Voltage	Volney-Marcy	1.5	327.8	330.6	2926
2994	Coopers Corners 345kV Voltage	SBK Edic R70	1.7	327.8	328.9	3028
2994	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	1.7	327.8	328.6	2947
2995	Pannell Road 345kV Voltage	Pre-Fault	3.6	NA	346	2995
2995	Ramapo 500kV Voltage	SBK Princeton 345	2.1	500	500.4	2770
2995	Ramapo 500kV Voltage	N.Scot-Leeds 345	2.1	500	500.3	2948
2995	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	1.7	327.8	328.1	2955
2995	Ramapo 500kV Voltage	Volney-Marcy	2.1	500	500.1	2927

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2996	Leeds 345kV Voltage	Pre-Fault	2.1	NA	345	2996
2996	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	1.8	327.8	327.9	2984
2996	Ramapo 500kV Voltage	SBK Edic R70	2.1	500	500.1	3030
2996	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	2.1	500	500.1	2955
2996	Ramapo 500kV Voltage	Princetown-N.Scot 345	2.1	500	500.0	2984
2996	Ramapo 500kV Voltage	SBK Marcy R3108	2.1	500	500.0	2873
2996	Ramapo 500kV Voltage	Pre-Fault	2.1	NA	500	2996
2996	Marcy 345kV Voltage	SBK Marcy R3108	1.3	327.8	329.0	2873
2996	Coopers Corners 345kV Voltage	Volney-Marcy	1.7	327.8	327.4	2928
2997 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.9	327.8	333.1	2117
2997	Marcy 345kV Voltage	Ravenswood 3	1.5	327.8	328.3	3093
2997	Edic 345kV Voltage	Ravenswood 3	1.5	327.8	328.5	3093
2998	Marcy 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	327.8	2950
2998	Marcy 345kV Voltage	SBK Edic R70	1.6	327.8	327.8	3032
2998	Marcy 345kV Voltage	SBK Princetown 345	1.6	327.8	327.8	2772
2998	Marcy 345kV Voltage	Princetown-N.Scot 345	1.6	327.8	327.8	2986
2998	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	1.6	327.8	327.8	2957
2998	Roseton 345kV Voltage	Pre-Fault	3.5	NA	345	2998
2998	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	1.7	327.8	331.9	2950
2998	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	1.7	327.8	331.9	2950
2998	Edic 345kV Voltage	SBK Princetown 345	1.6	327.8	327.9	2773
2998	Edic 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	327.8	2950
2998	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	1.6	327.8	327.8	2958
2998	Edic 345kV Voltage	Princetown-N.Scot 345	1.6	327.8	327.8	2986
2998	Clay 345kV Voltage	Pre-Fault	2.5	NA	345	2998
2998 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	9.9	500	503.3	2118
2999 >E	Gilboa 345kV Voltage	Marcy South S.	5.1	327.8	343.5	3519
2999 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	10.0	500	503.3	2178
2999 >E	Ramapo 500kV Voltage	SBK Edic R945	10.0	500	503.2	2178
3000 >E	Edic 345kV Voltage	Marcy South S.	5.5	327.8	332.9	3520
3000	Coopers Corners 345kV Voltage	SBK Marcy R3108	1.8	327.8	325.5	2876
3001	Fraser 345kV Voltage	SBK Princetown 345	1.4	327.8	327.8	2775
3001	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	1.4	327.8	327.8	2960
3001	Fraser 345kV Voltage	N.Scot-Leeds 345	1.4	327.8	327.8	2953
3001	Fraser 345kV Voltage	SBK Marcy R3108	1.4	327.8	327.8	2877
3001	Fraser 345kV Voltage	SBK Edic R70	1.4	327.8	327.8	3035
3001	Fraser 345kV Voltage	Princetown-N.Scot 345	1.4	327.8	327.8	2989

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3001	Fraser 345kV Voltage	Volney-Marcy	1.4	327.8	327.8	2931
3001	Fraser 345kV Voltage	Ravenswood 3	1.4	327.8	327.8	3095
3001 >E	Marcy 345kV Voltage	Marcy South S.	5.5	327.8	332.5	3520
3001	New Scotland 345kV Voltage Alps	Ravenswood 3	1.6	327.8	330.1	3095
3001	New Scotland 345kV Voltage Gilb	Ravenswood 3	1.6	327.8	330.1	3095
3002	Dunwoodie 345kV Voltage	Ravenswood 3	3.0	327.8	336.1	3095
3002	Sprain Brook 345kV Voltage	Ravenswood 3	3.1	327.8	336.2	3095
3003	Bowline 1 345kV Voltage	Pre-Fault	4.1	NA	345	3003
3003	Bowline 2 345kV Voltage	Pre-Fault	3.9	NA	345	3003
3005 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	1.8	327.8	327.8	2934
3005 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	1.8	327.8	327.8	2934
3005 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	1.8	327.8	327.8	2993
3005 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	1.8	327.8	327.8	2993
3006 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	1.8	327.8	327.6	3041
3006 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	1.8	327.8	327.6	3041
3006 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	1.8	327.8	327.5	2965
3006 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	1.8	327.8	327.5	2965
3006 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	1.8	327.8	327.3	2880
3006 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	1.8	327.8	327.3	2880
3006 >E	Edic 345kV Voltage	SBK Edic R70	1.8	327.8	322.8	3042
3008 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	8.2	327.8	337.3	3298
3008 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	8.2	327.8	337.3	3298
3009 >E	Millwood 345kV Voltage	Ravenswood 3	2.9	327.8	336.3	3099
3010 >E	Buchanan North 345kV Voltage	Ravenswood 3	3.1	327.8	335.9	3099
3010 >E	Oakdale 345kV Voltage	SBK Marcy R3108	1.4	320	323.3	2883
3011 >E	Oakdale 345kV Voltage	Volney-Marcy	1.4	320	322.7	2938
3012 >E	Rock Tavern 345kV Voltage	Ravenswood 3	2.1	327.8	334.8	3100
3012 >E	Oakdale 345kV Voltage	Ravenswood 3	1.4	320	321.9	3100
3012 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	1.9	327.8	324.0	2785
3012 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	1.9	327.8	324.0	2785
3013 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	1.6	327.8	329.9	2964
3013 >E	Oakdale 345kV Voltage	SBK Princetown 345	1.4	320	321.4	2785
3013 >E	Gilboa 345kV Voltage	Ravenswood 3	1.6	327.8	329.8	3101
3013 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	9.2	327.8	332.0	3302
3013 >E	St.Lawrence 230kV Voltage	Pre-Fault	6.1	NA	225	3013
3014 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	1.4	320	320.2	2973
3014 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	1.4	320	320.2	2965
3015 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	1.4	320	320.1	3002

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3015 >E	Buchanan South 345kV Voltage	Ravenswood 3	2.9	327.8	336.5	3102
3016 >E	Gilboa 345kV Voltage	SBK Marcy R3108	1.7	327.8	328.0	2887
3016 >E	Oakdale 345kV Voltage	SBK Edic R70	1.4	320	319.0	3053
3016 >E	Gilboa 345kV Voltage	Volney-Marcy	1.7	327.8	327.9	2942
3016 >E	Gilboa 345kV Voltage	Princeton-N.Scot 345	1.7	327.8	327.8	3004
3016 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	1.7	327.8	327.8	2975
3016 >E	Ramapo 500kV Voltage	Marcy South S.	11.1	500	501.8	3526
3017 >E	Gilboa 345kV Voltage	SBK Edic R70	1.8	327.8	327.5	3054
3018 >E	Gilboa 345kV Voltage	SBK Princeton 345	1.8	327.8	327.0	2790
3023 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	2.6	327.8	334.0	3106
3027 >E	Roseton 345kV Voltage	Ravenswood 3	2.3	327.8	336.6	3108
3027 >E	Ramapo 345kV Voltage	Ravenswood 3	3.1	327.8	336.2	3108
3027 >E	Leeds 345kV Voltage	Ravenswood 3	1.9	327.8	329.8	3108
3029 >E	Ladentown 345kV Voltage	Ravenswood 3	3.0	327.8	336.9	3108
3029 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	328.6	2979
3030 >E	Rock Tavern 345kV Voltage	SBK Edic R70	2.7	327.8	328.4	3068
3030 >E	Rock Tavern 345kV Voltage	SBK Princeton 345	2.8	327.8	328.3	2800
3030 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	4.6	320	333.1	2198
3030 >E	Oakdale 345kV Voltage	SBK Edic R945	4.6	320	333.0	2198
3031 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	2.8	327.8	327.9	2988
3031 >E	Rock Tavern 345kV Voltage	Princeton-N.Scot 345	2.8	327.8	327.8	3018
3031 >E	Leeds 345kV Voltage	Volney-Marcy	2.1	327.8	327.8	2953
3031 >E	Leeds 345kV Voltage	SBK Marcy R3108	2.1	327.8	327.8	2897
3031 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	2.1	327.8	327.8	2981
3031 >E	Leeds 345kV Voltage	SBK Edic R70	2.1	327.8	327.8	3070
3031 >E	Leeds 345kV Voltage	SBK Princeton 345	2.1	327.8	327.8	2801
3031 >E	Leeds 345kV Voltage	Princeton-N.Scot 345	2.1	327.8	327.8	3019
3031 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	2.1	327.8	327.8	2989
3032 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.5	320	332.9	2134
3032 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	4.6	218.5	221.9	2897
3032 >E	Rock Tavern 345kV Voltage	Volney-Marcy	2.8	327.8	327.4	2954
3033 >E	Bowline 2 345kV Voltage	Ravenswood 3	2.9	327.8	337.3	3111
3033 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	328.3	2983
3034 >E	Dunwoodie 345kV Voltage	SBK Edic R70	4.0	327.8	328.0	3074
3034 >E	Bowline 1 345kV Voltage	Ravenswood 3	3.0	327.8	337.4	3111
3035 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	328.3	2984
3035 >E	Dunwoodie 345kV Voltage	Princeton-N.Scot 345	4.0	327.8	327.8	3022
3035 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr	4.0	327.8	327.8	2993

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3036 >E	Sprain Brook 345kV Voltage	SBK Edic R70	4.1	327.8	328.0	3075
3036 >E	Clay 345kV Voltage	Volney-Marcy	2.4	327.8	330.3	2956
3036 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	2.9	327.8	325.9	2900
3036 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.8	3024
3037 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	327.8	2994
3037 >E	Dunwoodie 345kV Voltage	Volney-Marcy	4.1	327.8	327.5	2957
3037 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	4.1	327.8	327.4	2806
3037 >E	Clay 345kV Voltage	Ravenswood 3	2.4	327.8	329.7	3112
3038 >E	Sprain Brook 345kV Voltage	Volney-Marcy	4.1	327.8	327.5	2957
3038 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	4.1	327.8	327.4	2807
3039 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	4.2	327.8	326.9	2902
3039 >E	St.Lawrence 230kV Voltage	Volney-Marcy	5.2	218.5	220.7	2959
3040 >E	Clay 345kV Voltage	Marcy South N.	8.2	327.8	346.1	3764
3040 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	328.4	2989
3040 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	4.2	327.8	326.9	2903
3040 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	328.4	2989
3041 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	3.2	327.8	328.7	2989
3041 >E	Clay 345kV Voltage	SBK Marcy R3108	2.8	327.8	328.3	2903
3041 >E	Clay 345kV Voltage	SBK Princetown 345	2.5	327.8	328.3	2810
3041 >E	Millwood 345kV Voltage	SBK Edic R70	3.8	327.8	328.0	3081
3042 >E	Buchanan North 345kV Voltage	SBK Edic R70	4.1	327.8	328.1	3082
3042 >E	Clay 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	327.9	2991
3042 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	2.5	327.8	327.9	2999
3042 >E	Clay 345kV Voltage	Princetown-N.Scot 345	2.5	327.8	327.8	3029
3042 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	3.8	327.8	327.8	3029
3042 >E	Leeds 345kV Voltage	Marcy South S.	6.1	327.8	343.8	3537
3042 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	3.8	327.8	327.8	2999
3043 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	327.8	3000
3043 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.8	3030
3043 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	3.3	327.8	328.0	3083
3043 >E	Buchanan North 345kV Voltage	SBK Princetown 345	4.1	327.8	327.8	2811
3044 >E	Millwood 345kV Voltage	Volney-Marcy	3.9	327.8	327.4	2962
3044 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	3.3	327.8	327.8	3031
3044 >E	Millwood 345kV Voltage	SBK Princetown 345	3.9	327.8	327.4	2812
3044 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	3.3	327.8	327.7	3001

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3044 >E	Buchanan North 345kV Voltage	Volney-Marcy	4.1	327.8	327.5	2962
3045 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	3.3	327.8	327.4	2962
3045 >E	St.Lawrence 230kV Voltage	Ravenswood 3	5.5	218.5	219.8	3116
3046 >E	Millwood 345kV Voltage	SBK Marcy R3108	4.0	327.8	326.8	2907
3046 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	3.3	327.8	326.9	2814
3046 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	3.4	327.8	326.9	2907
3047 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	6.9	327.8	322.2	2208
3047 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	3.8	327.8	328.4	2995
3047 >E	Gordon Rd 345kV Voltage	SBK Edic R945	6.9	327.8	322.2	2208
3047 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	4.3	327.8	326.7	2907
3048 >E	Fraser 345kV Voltage	Marcy South S.	6.4	327.8	327.8	3539
3048 >E	Buchanan South 345kV Voltage	SBK Edic R70	3.8	327.8	328.1	3089
3049 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	3036
3049 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.8	3006
3050 >E	Clay 345kV Voltage	SBK Edic R70	2.7	327.8	324.8	3091
3050 >E	Buchanan South 345kV Voltage	SBK Princetown 345	3.9	327.8	327.5	2818
3051 >E	Buchanan South 345kV Voltage	Volney-Marcy	3.9	327.8	327.4	2966
3052 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	7.4	327.8	330.7	2211
3052 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	7.4	327.8	330.7	2211
3052 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	7.4	327.8	330.7	2211
3052 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	7.4	327.8	330.7	2211
3053 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	6.1	218.5	218.5	3040
3053 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	6.1	218.5	218.4	3010
3053 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	6.1	218.5	218.4	3001
3054 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	4.0	327.8	326.7	2911
3054 >E	Pannell Road 345kV Voltage	Ravenswood 3	3.4	327.8	329.8	3121
3054 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	328.7	3002
3054 >E	Fraser 345kV Voltage	Ph2 DC 1500	7.2	327.8	331.7	3330
3055 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	6.2	218.5	218.2	2822
3055 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	7.5	327.8	330.3	2145
3055 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	7.5	327.8	330.3	2145
3055 >E	St.Lawrence 230kV Voltage	SBK Edic R70	6.3	218.5	218.1	3097
3056 >E	Roseton 345kV Voltage	SBK Edic R70	3.4	327.8	328.3	3098
3056 >E	Pannell Road 345kV Voltage	Volney-Marcy	3.5	327.8	329.2	2970
3057 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	3.5	327.8	327.8	3044
3058 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	3.5	327.8	327.8	3014
3059 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	328.5	3006
3059 >E	Roseton 345kV Voltage	SBK Princetown 345	3.5	327.8	327.4	2825

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3060 >E	Roseton 345kV Voltage	Volney-Marcy	3.5	327.8	327.2	2973
3060 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	6.2	327.8	337.5	2216
3060 >E	Pannell Road 345kV Voltage	SBK Princetown 345	3.6	327.8	328.1	2826
3060 >E	Gilboa 345kV Voltage	SBK Edic R945	6.2	327.8	337.5	2216
3060 >E	Ramapo 345kV Voltage	SBK Edic R70	4.1	327.8	328.2	3103
3061 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	3.6	327.8	327.8	3017
3061 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	3.6	327.8	327.8	3008
3061 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	3.6	327.8	327.8	3048
3061 >E	Ramapo 345kV Voltage	SBK Princetown 345	4.1	327.8	327.9	2827
3061 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	327.9	3017
3061 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.8	3048
3062 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	6.3	327.8	337.3	2148
3062 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	328.5	3009
3062 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	3.9	327.8	327.5	2917
3062 >E	Station 80 345kV Voltage	Ravenswood 3	4.0	327.8	329.8	3125
3063 >E	Ramapo 345kV Voltage	Volney-Marcy	4.1	327.8	327.5	2975
3063 >E	Roseton 345kV Voltage	SBK Marcy R3108	3.7	327.8	326.1	2918
3064 >E	Ladentown 345kV Voltage	SBK Edic R70	4.0	327.8	328.1	3107
3065 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	4.0	327.8	327.8	3020
3065 >E	Ladentown 345kV Voltage	SBK Princetown 345	4.0	327.8	327.8	2830
3065 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	4.0	327.8	327.8	3052
3066 >E	Station 80 345kV Voltage	Volney-Marcy	4.1	327.8	328.9	2977
3066 >E	Ladentown 345kV Voltage	Volney-Marcy	4.0	327.8	327.4	2978
3067 >E	Ramapo 345kV Voltage	SBK Marcy R3108	4.3	327.8	326.4	2921
3067 >E	Pannell Road 345kV Voltage	SBK Edic R70	3.8	327.8	326.0	3111
3067 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	3.8	327.8	328.6	3014
3069 >E	Bowline 2 345kV Voltage	SBK Edic R70	3.9	327.8	328.2	3113
3070 >E	Station 80 345kV Voltage	SBK Princetown 345	4.2	327.8	328.0	2835
3070 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.8	3026
3070 >E	Bowline 2 345kV Voltage	SBK Princetown 345	3.9	327.8	327.8	2835
3070 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	3057
3071 >E	Ladentown 345kV Voltage	SBK Marcy R3108	4.2	327.8	326.4	2923
3071 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	4.0	327.8	328.6	3017
3071 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	4.2	327.8	327.8	3026
3071 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	4.2	327.8	327.8	3017
3071 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	4.2	327.8	327.8	3057

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3072 >E	Bowline 2 345kV Voltage	Volney-Marcy	3.9	327.8	327.4	2982
3072 >E	Bowline 1 345kV Voltage	SBK Edic R70	4.1	327.8	328.2	3116
3074 >E	Station 80 345kV Voltage	SBK Marcy R3108	4.5	327.8	327.2	2925
3074 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	4.1	327.8	327.8	3029
3074 >E	Bowline 1 345kV Voltage	SBK Princetown 345	4.1	327.8	327.8	2838
3074 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	4.1	327.8	327.8	3060
3075 >E	Bowline 1 345kV Voltage	Volney-Marcy	4.1	327.8	327.4	2984
3076 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	4.1	327.8	326.3	2926
3077 >E	Station 80 345kV Voltage	SBK Edic R70	4.5	327.8	326.3	3122
3080 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	8.2	327.8	336.1	2229
3080 >E	Rock Tavern 345kV Voltage	SBK Edic R945	8.2	327.8	336.1	2229
3080 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	4.3	327.8	326.3	2929
3082 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	8.2	327.8	336.0	2158
3082 >E	Fraser 345kV Voltage	Marcy South N.	8.9	327.8	327.8	3772
3090 >E	Oakdale 345kV Voltage	Ph2 DC 1500	7.1	320	331.1	3355
3095 >E	Pannell Road 345kV Voltage	Marcy South N.	10.7	327.8	340.7	3774
3096 >E	Pleasant Valley 345kV Voltage	Marcy South S.	10.6	327.8	337.8	3559
3106 >E	Station 80 345kV Voltage	Marcy South N.	10.8	327.8	338.5	3776
3111 >E	Somerset 345kV Voltage	Pre-Fault	8.3	NA	338	3111
3117 >E	Gilboa 345kV Voltage	Marcy South N.	10.7	327.8	336.0	3778
3118 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	8.0	327.8	337.8	2253
3119 >E	Clay 345kV Voltage	SBK Edic R945	8.0	327.8	337.8	2253
3119 >E	Oakdale 345kV Voltage	Marcy South S.	6.5	320	319.2	3568
3119 >E	Leeds 345kV Voltage	Marcy South N.	9.5	327.8	340.4	3778
3120 >E	Niagara 230kV East Voltage	Pre-Fault	15.0	NA	225	3120
3120 >E	Niagara 230kV West Voltage	Pre-Fault	15.0	NA	225	3120
3122 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	7.9	327.8	337.5	2177
3122 >E	St.Lawrence 230kV Voltage	Marcy South N.	17.7	218.5	224.0	3779
3127 >E	Rainey 345kV Voltage	Ravenswood 3	7.6	327.8	343.1	3156
3127 >E	Gilboa 345kV Voltage	Ph2 DC 1500	10.3	327.8	335.8	3380
3128 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	12.0	327.8	332.2	2259
3128 >E	Buchanan North 345kV Voltage	SBK Edic R945	12.1	327.8	332.2	2258
3130 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	12.0	327.8	332.0	2181
3135 >E	Farragut 345kV Voltage	Ravenswood 3	8.0	327.8	342.4	3161
3141 >E	Dunwoodie 345kV Voltage	Marcy South S.	14.4	327.8	330.3	3577
3145 >E	Sprain Brook 345kV Voltage	Marcy South S.	14.6	327.8	330.2	3579
3147 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	14.0	327.8	329.9	2271
3147 >E	Dunwoodie 345kV Voltage	SBK Edic R945	14.0	327.8	329.9	2270
3148 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	14.0	327.8	330.0	2272
3148 >E	Sprain Brook 345kV Voltage	SBK Edic R945	14.0	327.8	330.0	2271

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3150 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	14.1	327.8	329.7	2191
3152 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	14.1	327.8	329.8	2191
3163 >E	Millwood 345kV Voltage	Marcy South S.	13.8	327.8	331.1	3586
3168 >E	Clay 345kV Voltage	Marcy South S.	9.3	327.8	333.4	3588
3168 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	13.3	327.8	330.8	2284
3168 >E	Millwood 345kV Voltage	SBK Edic R945	13.3	327.8	330.8	2284
3169 >E	Ramapo 500kV Voltage	Marcy South N.	40.0	500	503.1	3788
3170 >E	Somerset 345kV Voltage	Ravenswood 3	7.5	327.8	330.9	3177
3172 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	13.4	327.8	330.5	2201
3172 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	11.9	327.8	334.3	2287
3173 >E	Ramapo 345kV Voltage	SBK Edic R945	11.9	327.8	334.3	2286
3174 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	11.8	327.8	334.2	2202
3176 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	12.8	327.8	331.8	2289
3176 >E	Buchanan South 345kV Voltage	SBK Edic R945	12.8	327.8	331.8	2289
3176 >E	Clay 345kV Voltage	Ph2 DC 1500	11.3	327.8	338.9	3415
3179 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	12.8	327.8	331.6	2204
3187 >E	Somerset 345kV Voltage	Volney-Marcy	8.0	327.8	328.7	3063
3189 >E	Leeds 345kV Voltage	Ph2 DC 1500	10.4	327.8	336.1	3423
3190 >E	Niagara 230kV East Voltage	Ravenswood 3	13.4	218.5	220.3	3187
3190 >E	Niagara 230kV West Voltage	Ravenswood 3	13.4	218.5	220.3	3187
3193 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	12.0	327.8	334.0	2300
3193 >E	Ladentown 345kV Voltage	SBK Edic R945	12.0	327.8	334.0	2299
3194 >E	Somerset 345kV Voltage	SBK Princetown 345	8.2	327.8	328.0	2942
3195 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	8.2	327.8	327.8	3143
3195 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	8.3	327.8	327.8	3132
3195 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	8.3	327.8	327.8	3179
3195 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	12.0	327.8	333.9	2212
3198 >E	Rainey 345kV Voltage	Pre-Fault	14.0	NA	338	3198
3199 >E	Farragut 345kV Voltage	Pre-Fault	14.6	NA	338	3199
3202 >E	Coopers Corners 345kV Voltage	Marcy South N.	13.2	327.8	313.9	3794
3203 >E	Pleasant Valley 345kV Voltage	Marcy South N.	15.9	327.8	335.0	3794
3203 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	11.3	327.8	334.3	2306
3204 >E	Bowline 2 345kV Voltage	SBK Edic R945	11.3	327.8	334.3	2306
3205 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	11.3	327.8	334.1	2217
3206 >E	Somerset 345kV Voltage	SBK Edic R70	8.7	327.8	326.5	3268
3206 >E	Goethals 345kV Voltage	Ravenswood 3	10.8	327.8	341.6	3195
3207 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	12.7	327.8	335.2	2308
3207 >E	Buchanan North 345kV Voltage	Marcy South S.	14.9	327.8	326.9	3604
3207 >E	Pannell Road 345kV Voltage	SBK Edic R945	12.7	327.8	335.2	2308
3208 >E	Leeds 345kV Voltage	SBK Edic R945	10.4	327.8	327.8	2309

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3208 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	327.8	2309
3208 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	327.8	2218
3208 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	12.6	327.8	335.1	2218
3209 >E	Buchanan South 345kV Voltage	Marcy South S.	14.3	327.8	329.7	3605
3210 >E	Dunwoodie 345kV Voltage	Marcy South N.	19.5	327.8	329.4	3795
3211 >E	Somerset 345kV Voltage	SBK Marcy R3108	8.9	327.8	325.8	3015
3212 >E	Niagara 230kV East Voltage	Volney-Marcy	14.7	218.5	218.8	3081
3212 >E	Niagara 230kV West Voltage	Volney-Marcy	14.7	218.5	218.8	3081
3213 >E	Sprain Brook 345kV Voltage	Marcy South N.	19.5	327.8	329.4	3796
3215 >E	Niagara 230kV East Voltage	SBK Princetown 345	14.9	218.5	218.6	2960
3215 >E	Niagara 230kV West Voltage	SBK Princetown 345	14.9	218.5	218.6	2960
3216 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	22.8	218.5	221.7	2314
3216 >E	St.Lawrence 230kV Voltage	SBK Edic R945	22.8	218.5	221.7	2314
3217 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	15.0	218.5	218.5	3152
3217 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	15.0	218.5	218.5	3152
3217 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	15.0	218.5	218.5	3163
3217 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	15.0	218.5	218.5	3163
3217 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	15.0	218.5	218.5	3201
3217 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	15.0	218.5	218.5	3201
3220 >E	Niagara 230kV East Voltage	SBK Edic R70	15.2	218.5	218.3	3284
3220 >E	Niagara 230kV West Voltage	SBK Edic R70	15.2	218.5	218.3	3284
3222 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	12.4	327.8	334.6	2318
3222 >E	Bowline 1 345kV Voltage	SBK Edic R945	12.4	327.8	334.6	2317
3224 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	13.6	327.8	329.4	2319
3224 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	13.6	327.8	329.4	2318
3224 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	12.4	327.8	334.5	2226
3227 >E	Niagara 230kV East Voltage	SBK Marcy R3108	15.6	218.5	217.8	3026
3227 >E	Niagara 230kV West Voltage	SBK Marcy R3108	15.6	218.5	217.8	3026
3227 >E	Watercure 230kV Voltage	Marcy South N.	16.8	207	225.0	3798
3228 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	27.0	218.5	222.7	3450
3228 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	23.1	218.5	221.3	2228
3228 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	13.9	327.8	334.0	2322
3229 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	13.7	327.8	334.0	2228
3229 >E	Station 80 345kV Voltage	SBK Edic R945	13.9	327.8	333.9	2322
3229 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	13.7	327.8	329.0	2228
3237 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	16.5	327.8	333.5	3456
3242 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	16.3	327.8	334.4	3460
3242 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	13.4	327.8	332.8	2330
3242 >E	Roseton 345kV Voltage	SBK Edic R945	13.4	327.8	332.8	2330

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3243 >E	Roseton 345kV Voltage	Marcy South S.	14.0	327.8	332.8	3618
3245 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	13.4	327.8	332.6	2236
3247 >E	Millwood 345kV Voltage	Marcy South N.	18.9	327.8	330.2	3802
3253 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	16.2	327.8	337.0	3468
3257 >E	St.Lawrence 230kV Voltage	Marcy South S.	25.4	218.5	220.3	3624
3258 >E	Station 80 345kV Voltage	Ph2 DC 1500	17.0	327.8	336.2	3471
3272 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	23.2	327.8	333.7	3480
3272 >E	Pannell Road 345kV Voltage	Marcy South S.	14.8	327.8	331.4	3630
3279 >E	Goethals 345kV Voltage	Pre-Fault	20.0	NA	338	3279
3288 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	25.3	327.8	332.2	3491
3288 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	25.4	327.8	332.1	3492
3291 >E	Station 80 345kV Voltage	Marcy South S.	16.0	327.8	330.4	3638
3295 >E	Millwood 345kV Voltage	Ph2 DC 1500	22.3	327.8	333.2	3496
3296 >E	Buchanan North 345kV Voltage	Marcy South N.	21.2	327.8	328.4	3811
3302 >E	Somerset 345kV Voltage	Marcy South N.	15.9	327.8	335.8	3812
3304 >E	Buchanan South 345kV Voltage	Marcy South N.	19.8	327.8	329.8	3812
3315 >E	Ladentown 345kV Voltage	Marcy South S.	15.6	327.8	326.2	3648
3318 >E	Rock Tavern 345kV Voltage	Marcy South S.	14.9	327.8	316.4	3649
3321 >E	Bowline 2 345kV Voltage	Marcy South S.	14.6	327.8	326.2	3650
3322 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	22.2	327.8	334.0	3515
3328 >E	Ramapo 345kV Voltage	Marcy South S.	16.6	327.8	324.5	3653
3332 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	328.4	3258
3338 >E	Rainey 345kV Voltage	SBK Edic R70	13.9	327.8	328.0	3416
3340 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	14.3	327.8	328.4	3265
3341 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	14.0	327.8	327.8	3322
3341 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	14.1	327.8	327.8	3281
3345 >E	Farragut 345kV Voltage	SBK Edic R70	14.5	327.8	328.0	3425
3346 >E	Rainey 345kV Voltage	SBK Princetown 345	14.2	327.8	327.5	3073
3346 >E	Rainey 345kV Voltage	Volney-Marcy	14.2	327.8	327.4	3175
3349 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	14.6	327.8	327.8	3329
3349 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	14.6	327.8	327.8	3288
3350 >E	Rock Tavern 345kV Voltage	Marcy South N.	18.2	327.8	324.0	3821
3353 >E	Farragut 345kV Voltage	SBK Princetown 345	14.8	327.8	327.5	3080
3354 >E	Farragut 345kV Voltage	Volney-Marcy	14.8	327.8	327.5	3181
3354 >E	Roseton 345kV Voltage	Ph2 DC 1500	19.0	327.8	334.4	3537
3356 >E	Rainey 345kV Voltage	SBK Marcy R3108	14.6	327.8	326.7	3111
3357 >E	Niagara 345kV Voltage	Pre-Fault	18.7	NA	338	3357
3361 >E	Bowline 1 345kV Voltage	Marcy South S.	16.5	327.8	326.1	3667
3364 >E	Farragut 345kV Voltage	SBK Marcy R3108	15.2	327.8	326.7	3116

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3372 >E	Ramapo 345kV Voltage	Ph2 DC 1500	23.1	327.8	334.9	3550
3379 >E	Roseton 345kV Voltage	Marcy South N.	19.9	327.8	331.8	3826
3394 >E	Ladentown 345kV Voltage	Ph2 DC 1500	22.6	327.8	335.4	3565
3414 >E	Watercure 230kV Voltage	Ph2 DC 1500	20.1	207	219.3	3579
3427 >E	Coopers Corners 345kV Voltage	Marcy South S.	16.6	327.8	275.7	3693
3431 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	22.6	327.8	335.8	3590
3439 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	22.5	327.8	336.0	3596
3443 >E	Ladentown 345kV Voltage	Marcy South N.	22.1	327.8	328.6	3838
3448 >E	Ramapo 345kV Voltage	Marcy South N.	23.3	327.8	327.8	3839
3450 >E	Niagara 345kV Voltage	Ravenswood 3	15.7	327.8	333.0	3315
3469 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	22.0	207	221.6	2343
3471 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	19.6	327.8	328.4	3386
3479 >E	Goethals 345kV Voltage	SBK Edic R70	19.9	327.8	328.0	3576
3481 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	22.6	207	221.4	2479
3482 >E	Watercure 230kV Voltage	SBK Edic R945	22.7	207	221.3	2479
3483 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	20.0	327.8	327.8	3461
3483 >E	Bowline 1 345kV Voltage	Marcy South N.	22.3	327.8	328.7	3846
3484 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	20.1	327.8	327.8	3415
3489 >E	Goethals 345kV Voltage	SBK Princetown 345	20.2	327.8	327.5	3197
3490 >E	Goethals 345kV Voltage	Volney-Marcy	20.2	327.8	327.5	3277
3492 >E	Bowline 2 345kV Voltage	Marcy South N.	22.2	327.8	328.8	3847
3503 >E	Goethals 345kV Voltage	SBK Marcy R3108	20.8	327.8	326.8	3208
3520 >E	Gardenville 230kV Voltage	Pre-Fault	29.9	NA	217	3520
3525 >E	Niagara 345kV Voltage	Volney-Marcy	17.9	327.8	329.0	3302
3537 >E	Niagara 345kV Voltage	Marcy South N.	20.8	327.8	332.9	3856
3542 >E	Niagara 345kV Voltage	SBK Princetown 345	18.5	327.8	328.1	3243
3547 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	18.7	327.8	327.8	3474
3547 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	18.7	327.8	327.8	3456
3548 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	18.7	327.8	327.8	3525
3575 >E	Niagara 345kV Voltage	SBK Edic R70	19.6	327.8	326.3	3685
3609 >E	Niagara 345kV Voltage	SBK Marcy R3108	20.7	327.8	324.5	3277
3620 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	26.3	327.8	334.2	2416
3627 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	26.6	327.8	334.0	2571
3628 >E	Somerset 345kV Voltage	SBK Edic R945	26.7	327.8	333.9	2571
3659 >E	Gardenville 230kV Voltage	Ravenswood 3	24.3	207	212.4	3417
3704 >E	Somerset 345kV Voltage	Ph2 DC 1500	32.0	327.8	337.4	3779
3762 >E	Somerset 345kV Voltage	Marcy South S.	31.1	327.8	329.9	3830
3770 >E	Gardenville 230kV Voltage	Volney-Marcy	28.3	207	208.7	3475
3794 >E	Gardenville 230kV Voltage	SBK Princetown 345	29.1	207	207.9	3460

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3814 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	29.7	207	207.2	3701
3815 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	29.8	207	207.1	3727
3818 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	29.9	207	207.0	3790
3859 >E	Gardenville 230kV Voltage	SBK Edic R70	31.3	207	205.7	4006
3865 >E	Gardenville 230kV Voltage	SBK Marcy R3108	31.7	207	205.5	3446
3987 >E	Niagara 230kV East Voltage	Marcy South N.	70.7	218.5	222.1	3939
3987 >E	Niagara 230kV West Voltage	Marcy South N.	70.7	218.5	222.1	3939
4259 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	50.8	327.8	332.0	2966
4259 >E	Rainey 345kV Voltage	SBK Edic R945	50.8	327.8	331.9	2964
4267 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	51.0	327.8	331.8	2727
4290 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	53.0	327.8	331.9	2986
4291 >E	Farragut 345kV Voltage	SBK Edic R945	53.1	327.8	331.9	2983
4295 >E	Rainey 345kV Voltage	Marcy South S.	52.7	327.8	331.4	4047
4299 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	53.2	327.8	331.8	2742
4328 >E	Farragut 345kV Voltage	Marcy South S.	55.0	327.8	331.3	4060
4336 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	89.3	218.5	221.3	2760
4336 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	89.3	218.5	221.3	2760
4348 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	90.1	218.5	221.1	3022
4348 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	90.1	218.5	221.1	3022
4350 >E	Niagara 230kV East Voltage	SBK Edic R945	90.2	218.5	221.1	3020
4350 >E	Niagara 230kV West Voltage	SBK Edic R945	90.2	218.5	221.1	3020
4531 >E	Watercure 230kV Voltage	Marcy South S.	58.3	207	197.6	4143
4568 >E	Niagara 230kV East Voltage	Marcy South S.	103.2	218.5	219.1	4158
4568 >E	Niagara 230kV West Voltage	Marcy South S.	103.2	218.5	219.1	4158
4639 >E	Rainey 345kV Voltage	Marcy South N.	66.0	327.8	330.6	4059
4650 >E	Watercure 230kV Voltage	Ravenswood 3	67.7	207	226.6	3901
4674 >E	Farragut 345kV Voltage	Marcy South N.	68.7	327.8	330.5	4065
4707 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	58.4	327.8	335.1	2938
4733 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	59.3	327.8	334.7	3263
4737 >E	Niagara 345kV Voltage	SBK Edic R945	59.4	327.8	334.7	3262
4791 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	73.2	327.8	332.0	3299
4792 >E	Goethals 345kV Voltage	SBK Edic R945	73.2	327.8	332.0	3296
4801 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	73.4	327.8	331.9	2983
4847 >E	Goethals 345kV Voltage	Marcy South S.	75.9	327.8	331.3	4272
5062 >E	Niagara 345kV Voltage	Ph2 DC 1500	73.4	327.8	339.1	4716
5114 >E	Rainey 345kV Voltage	Ph2 DC 1500	85.0	327.8	335.9	4752
5115 >E	Niagara 345kV Voltage	Marcy South S.	71.1	327.8	329.7	4381
5147 >E	Northport 138kV Voltage	Ravenswood 3	174.1	131.1	138.9	4144
5159 >E	Farragut 345kV Voltage	Ph2 DC 1500	88.4	327.8	335.8	4783
5199 >E	Watercure 230kV Voltage	Volney-Marcy	89.7	207	224.6	4487

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 ONS_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5257 >E	Goethals 345kV Voltage	Marcy South N.	92.2	327.8	330.5	4173
5936 >E	Goethals 345kV Voltage	Ph2 DC 1500	119.8	327.8	336.1	5319
6183 >E	Niagara 230kV East Voltage	Ph2 DC 1500	216.5	218.5	225.7	5490
6183 >E	Niagara 230kV West Voltage	Ph2 DC 1500	216.5	218.5	225.7	5490
6383 >E	Gardenville 230kV Voltage	Marcy South N.	134.1	207	226.7	4381
6717 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	138.1	207	221.2	3902
6768 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	140.2	207	221.0	4535
6785 >E	Gardenville 230kV Voltage	SBK Edic R945	140.8	207	221.0	4538
6888 >E	Watercure 230kV Voltage	SBK Princetown 345	155.3	207	218.6	6134
6892 >E	Northport 138kV Voltage	Pre-Fault	442.8	NA	135	6892
7885 >E	Watercure 230kV Voltage	Pre-Fault	279.8	NA	215	7885
8210 >E	Northport 138kV Voltage	N.Scot-Leeds 345	410.9	131.1	132.0	7748
8452 >E	Northport 138kV Voltage	SBK Edic R70	429.8	131.1	131.5	9199
8622 >E	Northport 138kV Voltage	Princetown-N.Scot 345	443.0	131.1	131.1	8495
8651 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	445.2	131.1	131.0	8277
8870 >E	Northport 138kV Voltage	SBK Princetown 345	462.2	131.1	130.5	7847
8885 >E	Northport 138kV Voltage	Volney-Marcy	463.3	131.1	130.5	7094
9149 >E	Watercure 230kV Voltage	SBK Marcy R3108	253.0	207	210.5	6925
9288 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	247.7	207	210.0	8877
9483 >E	Northport 138kV Voltage	SBK Marcy R3108	509.9	131.1	129.1	7145
9805 >E	Gardenville 230kV Voltage	Marcy South S.	249.8	207	210.0	6291
9867 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	269.9	207	207.9	9716
10075 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	278.4	207	207.2	9464
10876 >E	Northport 138kV Voltage	Ph2 DC 1500	625.7	131.1	134.6	8728
32592 >E	Gardenville 230kV Voltage	Ph2 DC 1500	1082.4	207	326.1	23714
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

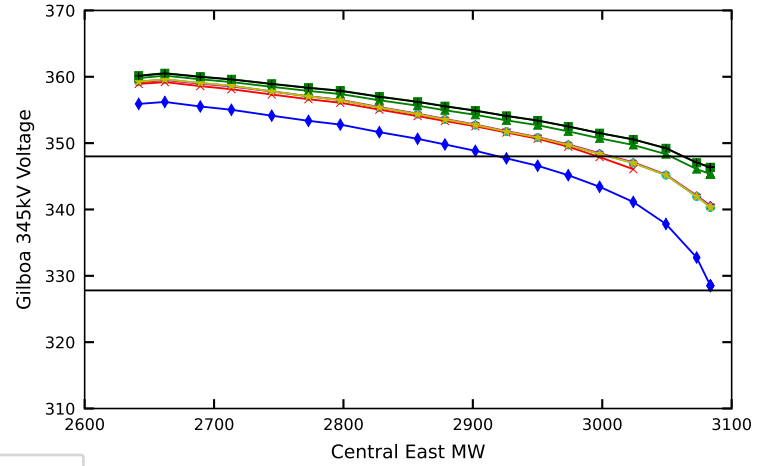
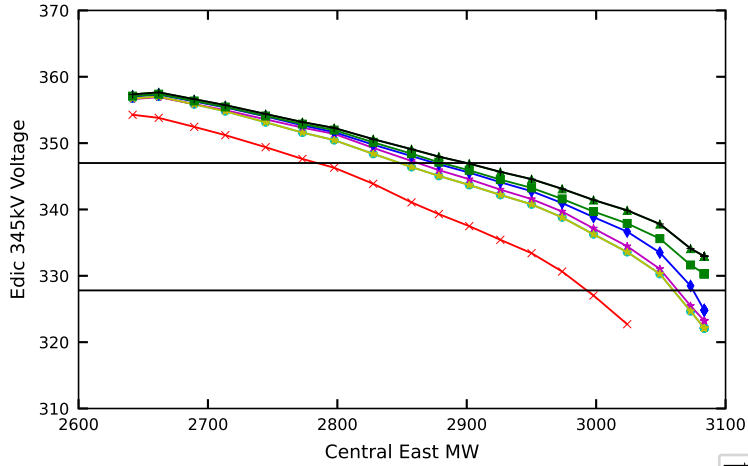
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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 ONS_CAPS

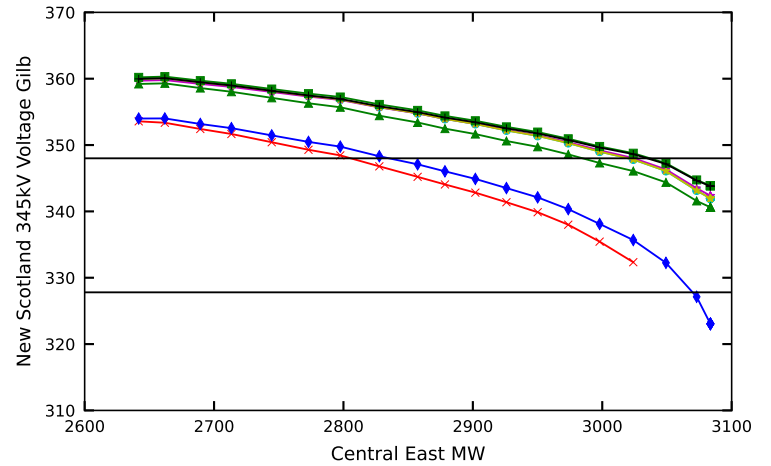
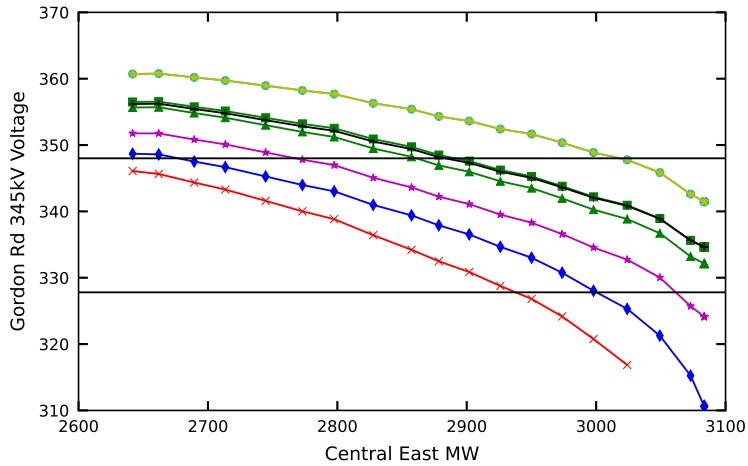
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						Post Flow

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

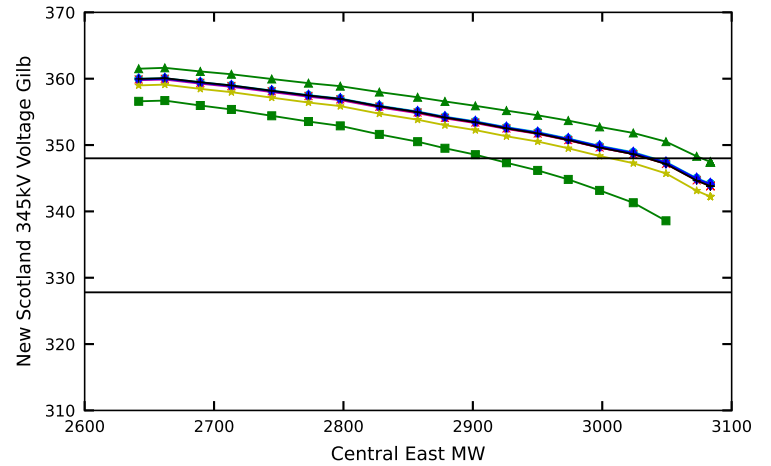
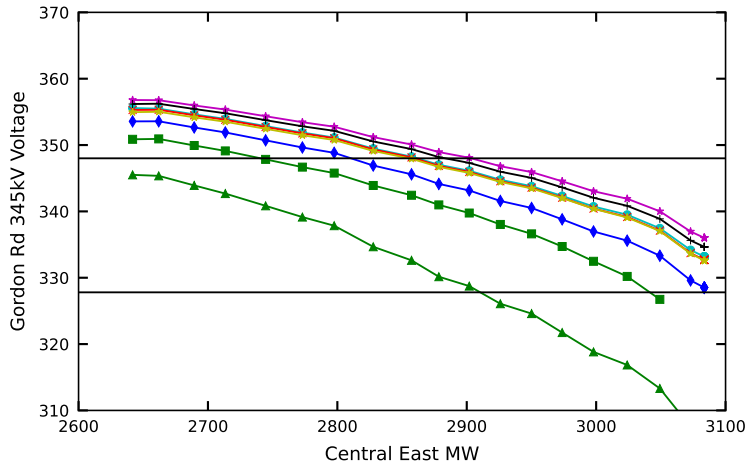
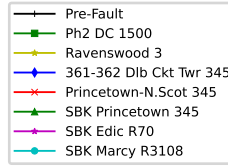
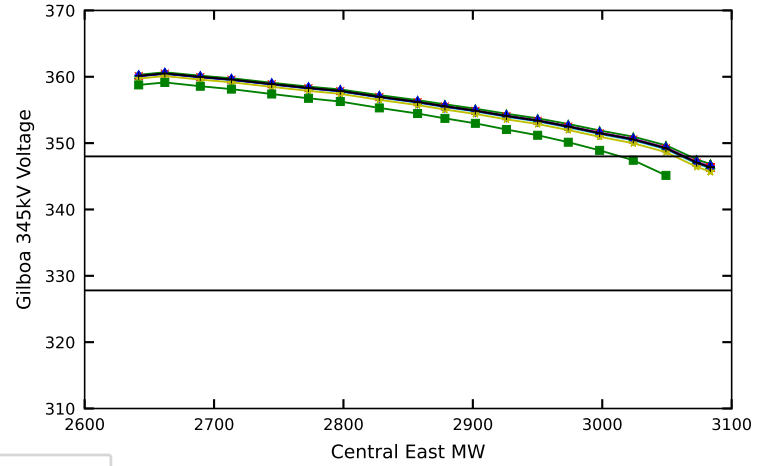
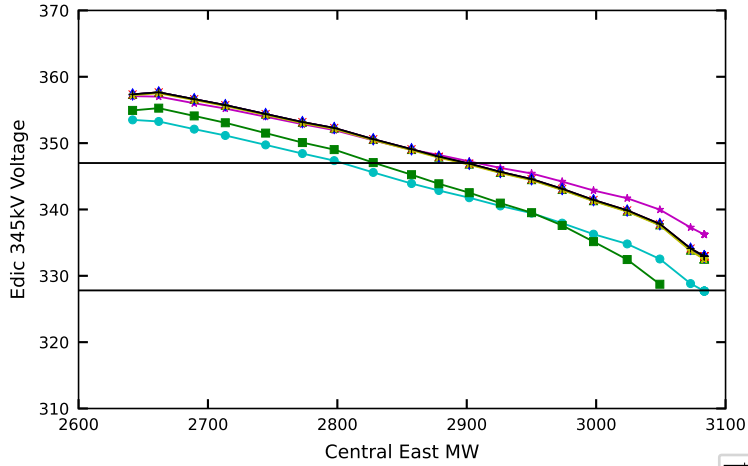
1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP Figure 1



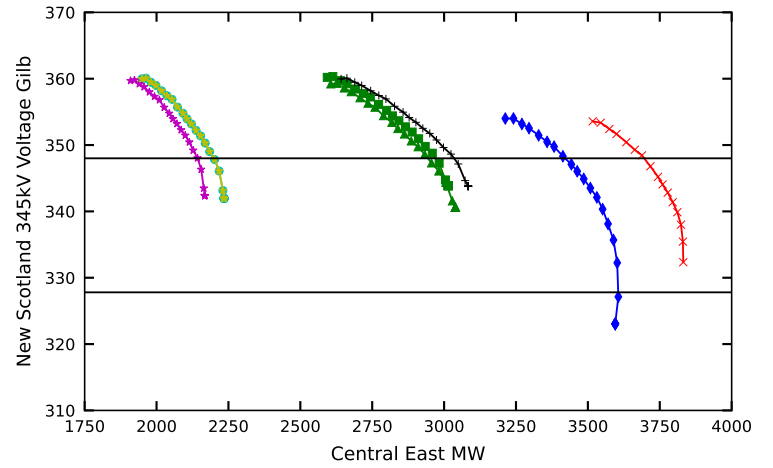
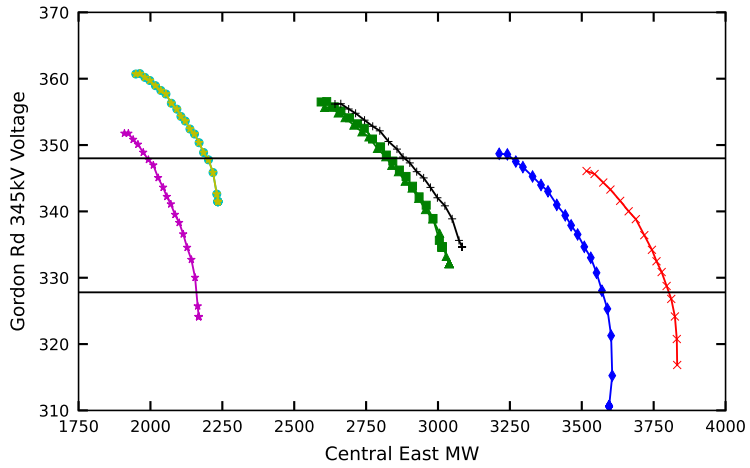
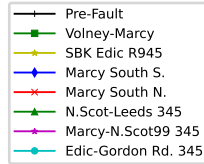
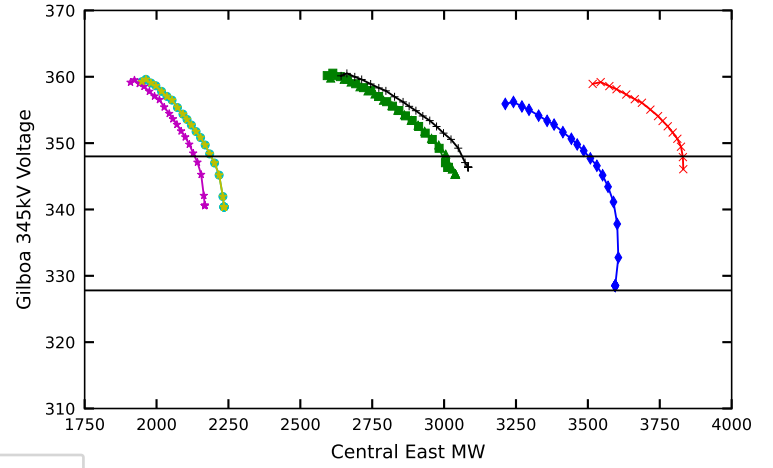
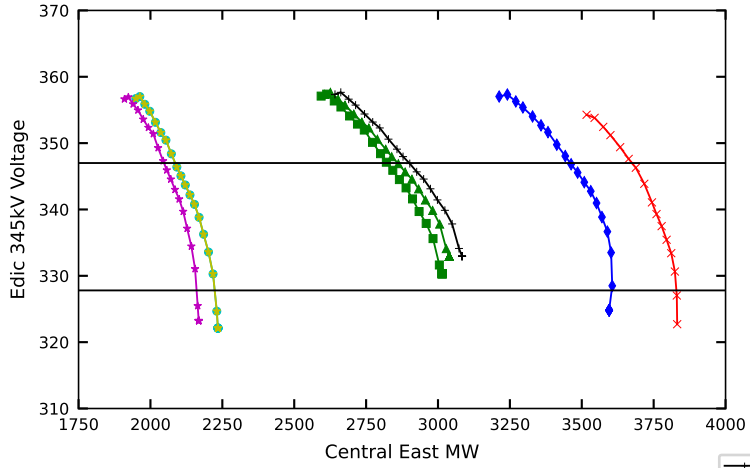
- +— Pre-Fault
- Volney-Marcy
- SBK Edic R945
- ◆— Marcy South S.
- ×— Marcy South N.
- ▲— N.Scot-Leeds 345
- *— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



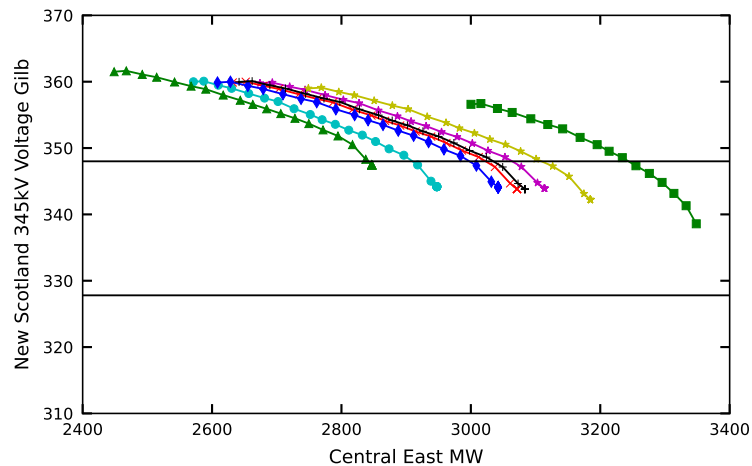
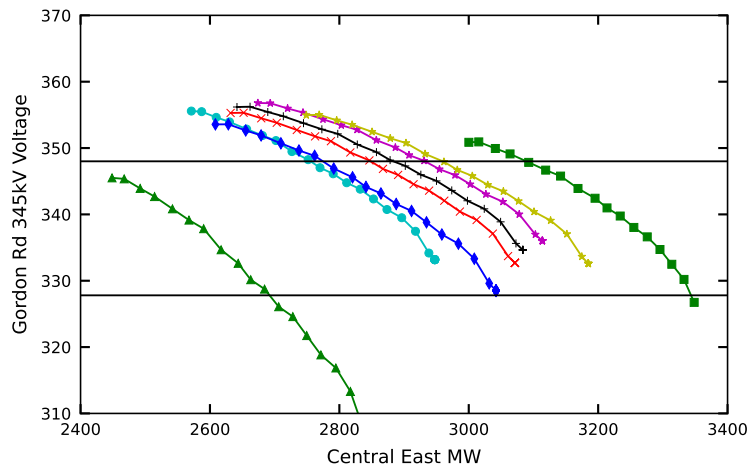
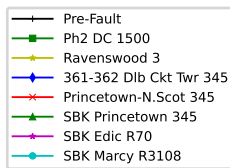
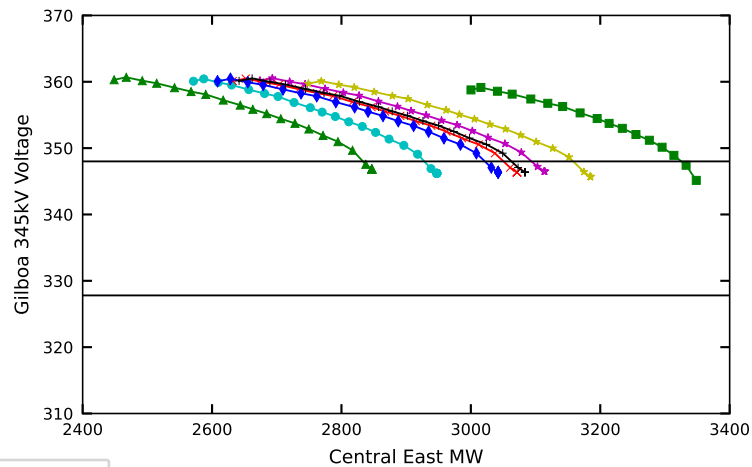
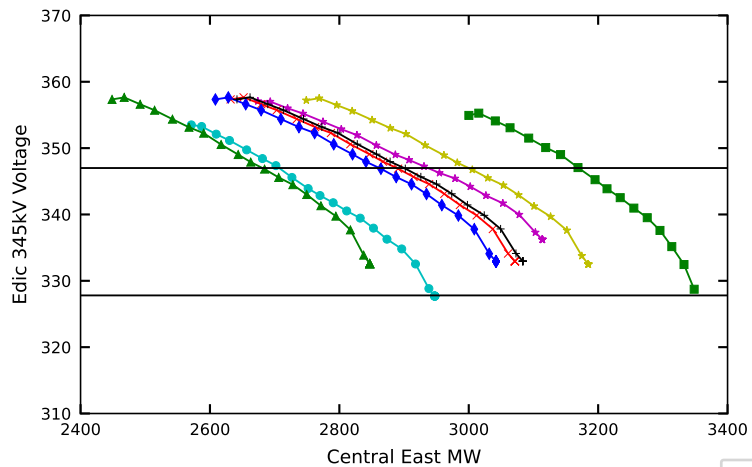
1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP Figure 2



1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP Figure 1



1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2641	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2661	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2689	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2713	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2744	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2772	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2797	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2827	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2857	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2878	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2901	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2925	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2950	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2973	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2997	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
3023	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
3049	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
3072	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	8															
3083	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	9															
3083	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	0															
3083	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	1															
3083	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	2															
3083	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	3															
3083	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	4															
3083	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-15-2023 16:51

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\0O_CAP\Sum2023_CEVC_PH2_5O_0O_CAP.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1420 5O 0O_CAP

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\00_CAP\Sum2023_CEVC_Ph2_5O_00_CAP.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1420 5O 00_CAP

Interface: Central East

Dlb Ckt																								
Twr 345																								
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																								
wood 3																								
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2
Ph2 DC																								
1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2763 >E	Dunwoodie 345kV Voltage	Pre-Fault	60.0	NA	348	2763
2771 >E	Sprain Brook 345kV Voltage	Pre-Fault	59.6	NA	348	2771
2872	limit with 5% margin	Marcy South N.	NA	NA	NA	3640
2877	Marcy 345kV Voltage	Pre-Fault	18.5	NA	348	2877
2883	Gordon Rd 345kV Voltage	Pre-Fault	26.8	NA	348	2883
2887	Millwood 345kV Voltage	Pre-Fault	117.5	NA	348	2887
2896	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3180
2900	Edic 345kV Voltage	Pre-Fault	22.3	NA	347	2900
2910	Gordon Rd 345kV Voltage	SBK Princetown 345	9.0	327.8	346.8	2692
2919	limit with 5% margin	Marcy South S.	NA	NA	NA	3425
2929	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2122
2929	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2059
2929	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2887
2929	limit with 5% margin	SBK Edic R945	NA	NA	NA	2122
2929	limit with 5% margin	Volney-Marcy	NA	NA	NA	2863
2929	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2800
2929	limit with 5% margin	SBK Edic R70	NA	NA	NA	2958
2929	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2704
2929	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2917
2929	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2890
2929	limit with 5% margin	Ravenswood 3	NA	NA	NA	3025
2937	Gordon Rd 345kV Voltage	Marcy South N.	12.4	327.8	345.5	3802
2972	Oakdale 345kV Voltage	Marcy South N.	8.0	320	340.8	3823
2980	Buchanan North 345kV Voltage	Pre-Fault	60.2	NA	346	2980
2992	Edic 345kV Voltage	Marcy South N.	6.7	327.8	341.8	3829
2994	Marcy 345kV Voltage	Marcy South N.	6.7	327.8	341.6	3829
3000	Gordon Rd 345kV Voltage	Marcy South S.	9.5	327.8	341.9	3571
3034	New Scotland 345kV Voltage Alps	Pre-Fault	17.0	NA	348	3034
3034	New Scotland 345kV Voltage Gilb	Pre-Fault	17.0	NA	348	3034
3038	Oakdale 345kV Voltage	Pre-Fault	8.5	NA	335	3038
3041	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.3	327.8	339.5	3343
3055 >E	Edic 345kV Voltage	Ph2 DC 1500	6.8	327.8	337.3	3352
3056 >E	Marcy 345kV Voltage	Ph2 DC 1500	6.8	327.8	337.1	3352
3056	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.7	327.8	339.8	2221
3056	Coopers Corners 345kV Voltage	SBK Edic R945	4.7	327.8	339.8	2221
3056	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	336.5	2221
3056	Marcy 345kV Voltage	SBK Edic R945	4.2	327.8	336.5	2221
3057	Rock Tavern 345kV Voltage	Pre-Fault	14.3	NA	348	3057
3058	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	4.7	327.8	339.5	2158
3059	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	336.2	2223

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3059	Edic 345kV Voltage	SBK Edic R945	4.2	327.8	336.2	2223
3061	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.5	327.8	337.2	2159
3062 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.4	327.8	347.2	3833
3062 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.4	327.8	347.2	3833
3062	Fraser 345kV Voltage	Pre-Fault	6.1	NA	338	3062
3062	Gilboa 345kV Voltage	Pre-Fault	10.9	NA	348	3062
3063	Edic 345kV Voltage	Marcy-N.Scot99 345	4.3	327.8	335.7	2160
3063	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.8	320	331.0	2225
3063	Oakdale 345kV Voltage	SBK Edic R945	3.8	320	331.0	2225
3064	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.8	320	330.9	2160
3065	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.0	327.8	337.4	2226
3065	Fraser 345kV Voltage	SBK Edic R945	4.0	327.8	337.4	2226
3066	Pleasant Valley 345kV Voltage	Pre-Fault	18.7	NA	348	3066
3067	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.3	327.8	334.9	2162
3067	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	337.1	2162
3069	New Scotland 345kV Voltage Alps	Marcy South S.	4.6	327.8	345.0	3605
3069	New Scotland 345kV Voltage Gilb	Marcy South S.	4.6	327.8	345.0	3605
3070	Coopers Corners 345kV Voltage	Pre-Fault	8.0	NA	338	3070
3076 >E	Edic 345kV Voltage	Marcy South S.	4.7	327.8	333.6	3606
3077 >E	Marcy 345kV Voltage	Marcy South S.	4.7	327.8	333.3	3606
3077	Buchanan South 345kV Voltage	Pre-Fault	33.7	NA	346	3077
3082	Station 80 345kV Voltage	Pre-Fault	20.0	NA	346	3082
3082	Edic 345kV Voltage	SBK Marcy R3108	9.4	327.8	333.1	2946
3084 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.6	320	329.6	3370
3090 >E	Gordon Rd 345kV Voltage	361-362 D1b Ckt Twr 345	9.8	327.8	334.0	3049
3091 >E	Pannell Road 345kV Voltage	Pre-Fault	17.4	NA	346	3091
3096 >E	Gilboa 345kV Voltage	Marcy South S.	4.7	327.8	344.9	3609
3103 >E	Edic 345kV Voltage	Volney-Marcy	8.1	327.8	330.7	3032
3104 >E	Marcy 345kV Voltage	Volney-Marcy	8.0	327.8	330.5	3033
3107 >E	Clay 345kV Voltage	Marcy South N.	8.8	327.8	349.1	3836
3116 >E	Fraser 345kV Voltage	Ph2 DC 1500	6.5	327.8	333.6	3390
3117 >E	Clay 345kV Voltage	Pre-Fault	14.3	NA	345	3117
3120 >E	Fraser 345kV Voltage	Marcy South S.	5.8	327.8	328.5	3613
3122 >E	Marcy 345kV Voltage	SBK Princetown 345	8.1	327.8	328.5	2881
3122 >E	Oakdale 345kV Voltage	Marcy South S.	5.0	320	319.5	3614
3122 >E	Edic 345kV Voltage	SBK Princetown 345	8.2	327.8	328.6	2881
3123 >E	Edic 345kV Voltage	Ravenswood 3	8.5	327.8	328.6	3222
3123 >E	Marcy 345kV Voltage	Ravenswood 3	8.4	327.8	328.4	3222
3126 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	9.9	327.8	330.7	3081
3128 >E	Marcy 345kV Voltage	SBK Marcy R3108	9.0	327.8	327.8	2986

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3128 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	9.0	327.8	327.8	3083
3128 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	9.0	327.8	327.8	3116
3128 >E	Marcy 345kV Voltage	SBK Edic R70	9.0	327.8	327.8	3159
3128 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	9.0	327.8	327.8	3086
3130 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	9.1	327.8	327.8	3088
3130 >E	Edic 345kV Voltage	N.Scot-Leeds 345	9.1	327.8	327.8	3085
3130 >E	Edic 345kV Voltage	Princetown-N.Scot 345	9.1	327.8	327.8	3117
3130 >E	Oakdale 345kV Voltage	SBK Marcy R3108	10.9	320	324.1	2987
3131 >E	Gordon Rd 345kV Voltage	Ravenswood 3	10.1	327.8	330.2	3230
3132 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	9.1	327.8	334.8	3400
3133 >E	Ramapo 500kV Voltage	Ph2 DC 1500	42.2	500	507.7	3400
3134 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	329.9	3122
3141 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	10.7	327.8	329.4	2996
3143 >E	Coopers Corners 345kV Voltage	Ravenswood 3	11.6	327.8	332.4	3241
3145 >E	Oakdale 345kV Voltage	Volney-Marcy	10.8	320	322.8	3070
3146 >E	Ramapo 345kV Voltage	Pre-Fault	33.5	NA	346	3146
3148 >E	Leeds 345kV Voltage	Marcy South S.	5.8	327.8	348.1	3618
3149 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	9.3	327.8	341.3	3410
3149 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	9.3	327.8	341.3	3410
3151 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	9.3	327.8	327.8	3106
3151 >E	Fraser 345kV Voltage	SBK Princetown 345	9.3	327.8	327.8	2906
3151 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	9.3	327.8	327.8	3109
3151 >E	Fraser 345kV Voltage	Ravenswood 3	9.3	327.8	327.8	3249
3151 >E	Fraser 345kV Voltage	Volney-Marcy	9.3	327.8	327.8	3076
3151 >E	Fraser 345kV Voltage	SBK Marcy R3108	9.3	327.8	327.8	3005
3151 >E	Fraser 345kV Voltage	SBK Edic R70	9.3	327.8	327.8	3183
3151 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	9.3	327.8	327.8	3138
3152 >E	Oakdale 345kV Voltage	Ravenswood 3	10.6	320	322.1	3250
3155 >E	Gordon Rd 345kV Voltage	Volney-Marcy	10.6	327.8	328.0	3080
3157 >E	Clay 345kV Voltage	SBK Edic R945	6.2	327.8	342.2	2262
3158 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	6.2	327.8	342.2	2262
3158 >E	Ramapo 500kV Voltage	Ravenswood 3	33.3	500	505.5	3255
3158 >E	Oakdale 345kV Voltage	SBK Princetown 345	10.8	320	321.6	2912
3163 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	21.9	500	505.4	2194
3164 >E	Ramapo 500kV Voltage	SBK Edic R945	21.3	500	505.4	2265
3164 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	21.4	500	505.4	2264
3166 >E	St.Lawrence 230kV Voltage	Pre-Fault	22.7	NA	225	3166
3167 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	11.5	327.8	330.6	2920

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3167 >E	Gilboa 345kV Voltage	SBK Edic R945	6.7	327.8	340.8	2266
3167 >E	Edic 345kV Voltage	SBK Edic R70	10.0	327.8	323.7	3199
3167 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	340.8	2265
3173 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	340.4	2198
3174 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	11.3	320	320.2	3131
3174 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	11.3	320	320.2	3129
3175 >E	Gordon Rd 345kV Voltage	SBK Edic R70	11.2	327.8	326.2	3207
3175 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	11.3	320	320.1	3163
3179 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	340.7	2199
3184 >E	Oakdale 345kV Voltage	SBK Edic R70	11.6	320	319.3	3216
3186 >E	Coopers Corners 345kV Voltage	SBK Edic R70	12.6	327.8	329.2	3218
3186 >E	St.Lawrence 230kV Voltage	SBK Edic R945	12.3	218.5	224.1	2273
3187 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	12.4	218.5	224.1	2273
3189 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	12.5	327.8	329.0	3143
3189 >E	Ladentown 345kV Voltage	Pre-Fault	33.3	NA	346	3189
3197 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	12.9	327.8	328.4	3154
3202 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	13.2	327.8	328.0	3189
3209 >E	Pleasant Valley 345kV Voltage	Marcy South S.	10.4	327.8	340.4	3628
3209 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	8.9	327.8	333.7	2281
3209 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	8.9	327.8	333.7	2281
3209 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	8.9	327.8	333.7	2281
3209 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	8.9	327.8	333.7	2281
3210 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	14.2	218.5	223.1	2210
3210 >E	Gordon Rd 345kV Voltage	SBK Edic R945	9.3	327.8	322.9	2282
3211 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	9.3	327.8	322.9	2282
3213 >E	Clay 345kV Voltage	Marcy South S.	8.0	327.8	334.3	3629
3214 >E	Coopers Corners 345kV Voltage	Volney-Marcy	13.8	327.8	327.1	3133
3217 >E	Pannell Road 345kV Voltage	Marcy South N.	15.0	327.8	345.7	3841
3217 >E	Pannell Road 345kV Voltage	SBK Edic R945	9.3	327.8	338.7	2285
3218 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	9.4	327.8	338.7	2284
3220 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	9.4	327.8	332.9	2213
3220 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	9.4	327.8	332.9	2213
3223 >E	Leeds 345kV Voltage	Pre-Fault	18.1	NA	345	3223
3226 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	11.1	327.8	332.4	3179
3226 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	11.1	327.8	332.4	3179
3227 >E	Clay 345kV Voltage	Ph2 DC 1500	10.7	327.8	342.6	3458
3227 >E	Roseton 345kV Voltage	Pre-Fault	28.0	NA	345	3227
3236 >E	Fraser 345kV Voltage	Marcy South N.	14.4	327.8	327.8	3843
3241 >E	Gilboa 345kV Voltage	Ph2 DC 1500	11.1	327.8	339.2	3467

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3241 >E	Rock Tavern 345kV Voltage	SBK Edic R945	12.1	327.8	340.0	2294
3242 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	12.2	327.8	340.0	2293
3243 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	337.3	2221
3245 >E	Ramapo 500kV Voltage	Marcy South S.	27.5	500	503.8	3634
3248 >E	Station 80 345kV Voltage	SBK Edic R945	11.1	327.8	337.7	2296
3248 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	11.2	327.8	337.7	2296
3253 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	12.8	327.8	339.6	2224
3254 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	11.8	327.8	330.2	3346
3254 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	11.8	327.8	330.2	3346
3258 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	15.3	327.8	323.8	3096
3258 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	19.8	218.5	220.9	3096
3264 >E	Dunwoodie 345kV Voltage	Marcy South S.	14.4	327.8	331.7	3637
3266 >E	Station 80 345kV Voltage	Marcy South N.	17.5	327.8	344.2	3844
3267 >E	Sprain Brook 345kV Voltage	Marcy South S.	14.5	327.8	331.7	3637
3270 >E	St.Lawrence 230kV Voltage	Volney-Marcy	19.9	218.5	220.4	3184
3276 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	12.8	327.8	336.3	2232
3277 >E	St.Lawrence 230kV Voltage	Marcy South S.	20.0	218.5	220.7	3639
3277 >E	Bowline 1 345kV Voltage	Pre-Fault	33.5	NA	345	3277
3281 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	12.3	327.8	328.0	3194
3281 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	12.3	327.8	328.0	3194
3283 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	12.5	327.8	327.8	3269
3283 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	12.5	327.8	327.8	3269
3284 >E	Gilboa 345kV Voltage	Marcy South N.	14.3	327.8	341.1	3845
3286 >E	Millwood 345kV Voltage	Marcy South S.	13.8	327.8	333.1	3641
3286 >E	Pannell Road 345kV Voltage	Marcy South S.	11.9	327.8	331.8	3641
3287 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	12.5	327.8	327.5	3243
3287 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	12.5	327.8	327.5	3243
3287 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	12.7	327.8	327.5	3321
3287 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	12.7	327.8	327.5	3321
3292 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	12.8	327.8	327.1	3126
3292 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	12.8	327.8	327.1	3126
3293 >E	Bowline 2 345kV Voltage	Pre-Fault	33.5	NA	345	3293
3293 >E	Leeds 345kV Voltage	Marcy South N.	12.2	327.8	350.1	3846
3296 >E	St.Lawrence 230kV Voltage	Ravenswood 3	21.8	218.5	219.3	3385
3302 >E	Dunwoodie 345kV Voltage	Ravenswood 3	31.8	327.8	336.0	3391
3302 >E	Sprain Brook 345kV Voltage	Ravenswood 3	31.4	327.8	336.1	3391
3306 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	21.7	218.5	218.8	3042
3307 >E	St.Lawrence 230kV Voltage	Marcy South N.	29.2	218.5	225.9	3846
3313 >E	Station 80 345kV Voltage	Marcy South S.	13.4	327.8	331.0	3645

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3314 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	22.7	218.5	218.5	3300
3314 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	22.7	218.5	218.5	3270
3314 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	22.7	218.5	218.5	3267
3314 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	16.4	327.8	340.4	3513
3317 >E	St.Lawrence 230kV Voltage	SBK Edic R70	23.1	218.5	218.3	3351
3318 >E	Clay 345kV Voltage	Volney-Marcy	13.3	327.8	330.9	3228
3329 >E	Ramapo 500kV Voltage	SBK Princetown 345	35.5	500	501.4	3063
3329 >E	Clay 345kV Voltage	SBK Marcy R3108	15.0	327.8	330.1	3157
3330 >E	Station 80 345kV Voltage	Ph2 DC 1500	17.9	327.8	339.3	3523
3331 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	12.6	327.8	324.0	3064
3331 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	12.6	327.8	324.0	3064
3331 >E	Buchanan North 345kV Voltage	Ravenswood 3	26.5	327.8	335.8	3419
3333 >E	Clay 345kV Voltage	Ravenswood 3	13.2	327.8	329.9	3420
3335 >E	Clay 345kV Voltage	SBK Princetown 345	13.2	327.8	329.7	3067
3337 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	14.5	327.8	329.5	3289
3342 >E	Buchanan South 345kV Voltage	Marcy South S.	14.7	327.8	332.0	3650
3343 >E	Buchanan North 345kV Voltage	SBK Edic R945	19.7	327.8	335.5	2332
3343 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	19.7	327.8	335.5	2331
3346 >E	Watercure 230kV Voltage	SBK Edic R945	12.8	207	221.9	2333
3346 >E	Gilboa 345kV Voltage	Ravenswood 3	14.7	327.8	328.9	3432
3347 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	12.9	207	221.8	2332
3348 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	31.7	218.5	224.6	3534
3355 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	20.4	327.8	335.1	2259
3356 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	38.5	500	500.8	3308
3359 >E	Gilboa 345kV Voltage	SBK Marcy R3108	15.0	327.8	328.0	3183
3360 >E	Gilboa 345kV Voltage	Volney-Marcy	14.9	327.8	328.0	3266
3362 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	15.0	327.8	327.9	3347
3362 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	15.0	327.8	327.9	3317
3362 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	14.3	327.8	327.9	3317
3362 >E	Clay 345kV Voltage	N.Scot-Leeds 345	14.3	327.8	327.8	3314
3362 >E	Clay 345kV Voltage	Princetown-N.Scot 345	14.3	327.8	327.8	3348
3364 >E	Buchanan North 345kV Voltage	Marcy South S.	16.5	327.8	328.9	3653
3364 >E	Rock Tavern 345kV Voltage	Ravenswood 3	19.6	327.8	335.0	3450
3365 >E	Roseton 345kV Voltage	Marcy South S.	13.8	327.8	336.2	3654
3366 >E	Gilboa 345kV Voltage	SBK Edic R70	15.1	327.8	327.6	3401
3366 >E	Gilboa 345kV Voltage	SBK Princetown 345	14.9	327.8	327.6	3095
3368 >E	Millwood 345kV Voltage	Ravenswood 3	28.8	327.8	336.0	3453
3370 >E	Pannell Road 345kV Voltage	Ravenswood 3	16.2	327.8	329.9	3456

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3371 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	14.0	207	220.9	2264
3372 >E	Ramapo 500kV Voltage	SBK Edic R70	39.6	500	500.4	3408
3375 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	40.1	500	500.3	3330
3380 >E	Ramapo 500kV Voltage	Volney-Marcy	41.4	500	500.2	3284
3380 >E	Pannell Road 345kV Voltage	Volney-Marcy	16.8	327.8	329.3	3285
3384 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	41.0	500	500.1	3369
3388 >E	Ramapo 500kV Voltage	Pre-Fault	41.5	NA	500	3388
3389 >E	Pannell Road 345kV Voltage	SBK Princetown 345	16.6	327.8	328.9	3115
3393 >E	Ramapo 500kV Voltage	SBK Marcy R3108	42.9	500	499.9	3211
3393 >E	Ramapo 345kV Voltage	SBK Edic R945	18.3	327.8	338.6	2351
3394 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	18.3	327.8	338.6	2350
3396 >E	Clay 345kV Voltage	SBK Edic R70	15.2	327.8	325.4	3432
3397 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	18.3	327.8	328.4	3215
3400 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	18.7	327.8	337.1	3566
3401 >E	Station 80 345kV Voltage	Ravenswood 3	18.6	327.8	330.0	3485
3407 >E	Buchanan South 345kV Voltage	Ravenswood 3	27.5	327.8	336.2	3491
3407 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	17.4	327.8	327.8	3393
3407 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	17.4	327.8	327.8	3362
3407 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	17.4	327.8	327.8	3359
3409 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	19.0	327.8	338.1	2277
3409 >E	Leeds 345kV Voltage	Ph2 DC 1500	14.4	327.8	342.5	3572
3422 >E	Station 80 345kV Voltage	Volney-Marcy	19.4	327.8	329.0	3323
3427 >E	Pannell Road 345kV Voltage	SBK Edic R70	18.0	327.8	326.7	3463
3428 >E	Sprain Brook 345kV Voltage	SBK Edic R945	26.2	327.8	332.7	2364
3428 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	26.2	327.8	332.7	2362
3429 >E	Station 80 345kV Voltage	SBK Princetown 345	19.2	327.8	328.6	3150
3430 >E	Buchanan South 345kV Voltage	SBK Edic R945	21.2	327.8	335.5	2364
3431 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	21.3	327.8	335.5	2363
3432 >E	Dunwoodie 345kV Voltage	SBK Edic R945	26.6	327.8	332.7	2365
3433 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	26.7	327.8	332.6	2364
3435 >E	Ladentown 345kV Voltage	SBK Edic R945	18.9	327.8	338.6	2366
3436 >E	Millwood 345kV Voltage	SBK Edic R945	23.0	327.8	334.0	2367
3436 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	18.9	327.8	338.6	2365
3437 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	23.1	327.8	334.0	2366
3444 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	26.9	327.8	332.3	2289
3445 >E	Station 80 345kV Voltage	SBK Marcy R3108	21.1	327.8	327.8	3256
3446 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	20.0	327.8	327.8	3431
3446 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	20.0	327.8	327.8	3400

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3446 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	21.9	327.8	335.1	2289
3446 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	20.0	327.8	327.8	3397
3448 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	20.1	327.8	331.6	3166
3448 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	27.4	327.8	332.2	2290
3452 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	19.6	327.8	338.1	2291
3453 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	23.7	327.8	333.5	2292
3454 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	21.2	327.8	338.6	3600
3461 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	27.9	327.8	336.7	3604
3461 >E	Pleasant Valley 345kV Voltage	Marcy South N.	23.5	327.8	342.5	3854
3463 >E	Station 80 345kV Voltage	SBK Edic R70	20.6	327.8	326.9	3500
3466 >E	Bowline 1 345kV Voltage	SBK Edic R945	18.9	327.8	339.4	2378
3467 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	19.0	327.8	339.3	2377
3471 >E	Watercure 230kV Voltage	Marcy South N.	29.4	207	232.7	3855
3473 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	24.3	327.8	332.4	3553
3475 >E	Bowline 2 345kV Voltage	SBK Edic R945	18.9	327.8	339.6	2381
3476 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	19.0	327.8	339.5	2380
3477 >E	Rock Tavern 345kV Voltage	Marcy South S.	15.2	327.8	318.5	3672
3479 >E	Ramapo 345kV Voltage	Ravenswood 3	26.5	327.8	336.0	3558
3479 >E	Roseton 345kV Voltage	SBK Edic R945	19.1	327.8	336.0	2383
3480 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	19.2	327.8	336.0	2382
3484 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	19.6	327.8	338.8	2302
3486 >E	Ladentown 345kV Voltage	Marcy South S.	17.3	327.8	329.0	3674
3487 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	22.0	327.8	330.0	3437
3490 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	20.8	327.8	331.7	2387
3490 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	20.9	327.8	331.7	2385
3491 >E	Rock Tavern 345kV Voltage	SBK Edic R70	22.3	327.8	329.9	3529
3493 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	19.6	327.8	339.0	2305
3496 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	19.7	327.8	335.4	2306
3502 >E	Ladentown 345kV Voltage	Ravenswood 3	26.5	327.8	336.6	3581
3506 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	21.4	327.8	331.1	2309
3509 >E	Ramapo 345kV Voltage	Marcy South S.	18.6	327.8	327.1	3677
3509 >E	Millwood 345kV Voltage	Ph2 DC 1500	27.8	327.8	336.7	3634
3518 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	23.4	327.8	328.8	3471
3518 >E	Bowline 1 345kV Voltage	Marcy South S.	17.5	327.8	329.2	3679
3523 >E	Watercure 230kV Voltage	Pre-Fault	25.7	NA	215	3523
3525 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	32.9	327.8	335.3	3644
3527 >E	Bowline 2 345kV Voltage	Marcy South S.	17.5	327.8	329.1	3680
3527 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	33.1	327.8	335.3	3646
3531 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	27.2	327.8	337.6	3648
3533 >E	Buchanan North 345kV Voltage	SBK Princetown 345	29.0	327.8	329.7	3242

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3534 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	24.2	327.8	328.1	3518
3535 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	18.1	327.8	327.8	2402
3535 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	18.1	327.8	327.8	3484
3535 >E	Leeds 345kV Voltage	Volney-Marcy	18.1	327.8	327.8	3425
3535 >E	Leeds 345kV Voltage	SBK Marcy R3108	18.1	327.8	327.8	3333
3535 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	18.1	327.8	327.8	3520
3535 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	18.1	327.8	327.8	3488
3535 >E	Leeds 345kV Voltage	Ravenswood 3	18.1	327.8	327.8	3612
3535 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	18.1	327.8	327.8	2319
3535 >E	Leeds 345kV Voltage	SBK Edic R945	18.1	327.8	327.8	2404
3535 >E	Leeds 345kV Voltage	SBK Edic R70	18.1	327.8	327.8	3574
3535 >E	Leeds 345kV Voltage	SBK Princetown 345	18.1	327.8	327.8	3243
3547 >E	Bowline 1 345kV Voltage	Ravenswood 3	26.6	327.8	336.9	3623
3552 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	30.6	327.8	329.2	3501
3557 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	24.9	327.8	329.2	3506
3559 >E	Ramapo 345kV Voltage	Ph2 DC 1500	26.6	327.8	338.6	3665
3559 >E	Ramapo 500kV Voltage	Marcy South N.	75.1	500	507.8	3860
3559 >E	Bowline 2 345kV Voltage	Ravenswood 3	26.6	327.8	337.0	3634
3560 >E	Roseton 345kV Voltage	Ravenswood 3	24.9	327.8	333.1	3635
3565 >E	Buchanan North 345kV Voltage	SBK Edic R70	31.2	327.8	328.8	3604
3573 >E	Somerset 345kV Voltage	SBK Edic R945	21.6	327.8	339.1	2418
3576 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	21.7	327.8	339.0	2417
3576 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	35.7	327.8	328.9	3525
3578 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	34.7	327.8	328.8	3280
3580 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	36.2	327.8	328.8	3528
3580 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	32.0	327.8	328.3	3533
3582 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	35.2	327.8	328.8	3284
3582 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	25.7	327.8	328.2	3621
3586 >E	Rock Tavern 345kV Voltage	Volney-Marcy	26.5	327.8	326.0	3472
3587 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	25.0	327.8	328.0	3289
3589 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	25.9	327.8	328.0	3542
3590 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	32.6	327.8	328.0	3575
3591 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	26.0	327.8	327.9	3575
3592 >E	Sprain Brook 345kV Voltage	SBK Edic R70	36.6	327.8	328.5	3631
3593 >E	Ladentown 345kV Voltage	Ph2 DC 1500	26.5	327.8	339.3	3686
3595 >E	Dunwoodie 345kV Voltage	SBK Edic R70	37.1	327.8	328.4	3635
3602 >E	Roseton 345kV Voltage	Ph2 DC 1500	24.8	327.8	339.1	3692
3606 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr	37.3	327.8	328.1	3558

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3606 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	32.4	327.8	329.1	3555
3607 >E	Millwood 345kV Voltage	SBK Princetown 345	31.4	327.8	329.1	3306
3608 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	26.6	327.8	327.2	3492
3609 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	37.8	327.8	328.1	3561
3612 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	37.8	327.8	327.9	3596
3615 >E	Somerset 345kV Voltage	Pre-Fault	37.6	NA	338	3615
3615 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	38.3	327.8	327.9	3600
3620 >E	Buchanan North 345kV Voltage	Volney-Marcy	34.1	327.8	327.1	3503
3622 >E	Coopers Corners 345kV Voltage	Marcy South N.	23.5	327.8	313.1	3863
3624 >E	Millwood 345kV Voltage	SBK Edic R70	33.2	327.8	328.6	3665
3628 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	27.3	327.8	326.5	3412
3630 >E	Buchanan South 345kV Voltage	SBK Princetown 345	30.1	327.8	329.6	3326
3634 >E	Coopers Corners 345kV Voltage	Marcy South S.	15.4	327.8	267.5	3698
3634 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	26.4	327.8	340.0	3712
3640 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	33.8	327.8	328.2	3591
3640 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	31.3	327.8	329.3	3588
3641 >E	Sprain Brook 345kV Voltage	Volney-Marcy	39.2	327.8	327.2	3522
3644 >E	Dunwoodie 345kV Voltage	Volney-Marcy	39.8	327.8	327.2	3525
3645 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	24.6	327.8	337.2	2356
3646 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	26.4	327.8	340.2	3719
3646 >E	Watercure 230kV Voltage	Ravenswood 3	23.5	207	210.2	3717
3647 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	34.3	327.8	327.9	3631
3650 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	28.8	327.8	323.4	3431
3654 >E	Ramapo 345kV Voltage	SBK Princetown 345	28.7	327.8	330.8	3347
3655 >E	Roseton 345kV Voltage	SBK Princetown 345	25.4	327.8	329.7	3348
3658 >E	Buchanan South 345kV Voltage	SBK Edic R70	32.1	327.8	328.8	3699
3662 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	36.0	327.8	325.8	3441
3666 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	26.3	327.8	329.3	3614
3675 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	32.8	327.8	328.3	3626
3676 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	40.9	327.8	326.2	3453
3677 >E	Millwood 345kV Voltage	Volney-Marcy	35.7	327.8	327.1	3555
3677 >E	Watercure 230kV Voltage	Volney-Marcy	24.6	207	209.0	3555
3679 >E	Roseton 345kV Voltage	SBK Edic R70	26.8	327.8	328.9	3720
3680 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	41.5	327.8	326.2	3456
3684 >E	Watercure 230kV Voltage	SBK Marcy R3108	25.4	207	208.7	3460
3685 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	33.4	327.8	328.0	3669
3691 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	30.7	327.8	329.7	3638

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3695 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	27.4	327.8	328.3	3646
3696 >E	Watercure 230kV Voltage	SBK Princetown 345	24.9	207	208.3	3384
3697 >E	Ladentown 345kV Voltage	SBK Princetown 345	28.8	327.8	330.7	3386
3703 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	27.8	327.8	328.0	3687
3706 >E	Ramapo 345kV Voltage	SBK Edic R70	31.3	327.8	329.3	3747
3716 >E	Millwood 345kV Voltage	SBK Marcy R3108	37.3	327.8	325.9	3487
3718 >E	Buchanan South 345kV Voltage	Volney-Marcy	34.8	327.8	327.0	3592
3720 >E	Somerset 345kV Voltage	Marcy South S.	26.6	327.8	330.8	3712
3727 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	25.7	207	207.1	3677
3728 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	25.7	207	207.0	3712
3729 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	32.3	327.8	328.6	3680
3730 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	25.8	207	207.0	3676
3730 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	30.6	327.8	329.7	3677
3735 >E	Watercure 230kV Voltage	Ph2 DC 1500	32.7	207	230.1	3775
3735 >E	Roseton 345kV Voltage	Volney-Marcy	28.9	327.8	326.8	3608
3746 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	33.0	327.8	328.1	3729
3746 >E	Watercure 230kV Voltage	SBK Edic R70	26.3	207	206.3	3788
3747 >E	Ladentown 345kV Voltage	SBK Edic R70	31.3	327.8	329.2	3790
3748 >E	Bowline 1 345kV Voltage	SBK Princetown 345	29.0	327.8	331.0	3430
3761 >E	Bowline 2 345kV Voltage	SBK Princetown 345	29.0	327.8	331.0	3441
3762 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	36.6	327.8	325.7	3526
3767 >E	Somerset 345kV Voltage	Marcy South N.	33.8	327.8	345.8	3871
3768 >E	Millwood 345kV Voltage	Marcy South N.	41.0	327.8	337.9	3871
3770 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	32.2	327.8	328.5	3720
3771 >E	Roseton 345kV Voltage	SBK Marcy R3108	30.1	327.8	325.6	3534
3775 >E	Somerset 345kV Voltage	Ph2 DC 1500	32.8	327.8	341.4	3800
3784 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	30.8	327.8	329.9	3730
3785 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	32.9	327.8	328.1	3769
3790 >E	Ramapo 345kV Voltage	Volney-Marcy	34.9	327.8	326.7	3658
3798 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	30.8	327.8	329.9	3744
3798 >E	Dunwoodie 345kV Voltage	Marcy South N.	49.2	327.8	336.3	3872
3803 >E	Bowline 1 345kV Voltage	SBK Edic R70	31.5	327.8	329.3	3846
3804 >E	Sprain Brook 345kV Voltage	Marcy South N.	49.2	327.8	336.4	3872
3805 >E	Roseton 345kV Voltage	Marcy South N.	32.5	327.8	341.0	3872
3817 >E	Bowline 2 345kV Voltage	SBK Edic R70	31.5	327.8	329.3	3861
3827 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	32.4	327.8	328.6	3776

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50_00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3829 >E	Ladentown 345kV Voltage	Volney-Marcy	34.6	327.8	326.8	3693
3842 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	32.4	327.8	328.6	3791
3844 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	33.1	327.8	328.1	3827
3854 >E	Ramapo 345kV Voltage	SBK Marcy R3108	37.3	327.8	324.8	3605
3859 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	33.1	327.8	328.1	3842
3879 >E	Buchanan South 345kV Voltage	Marcy South N.	42.2	327.8	337.7	3876
3891 >E	Ladentown 345kV Voltage	SBK Marcy R3108	36.8	327.8	324.9	3636
3891 >E	Somerset 345kV Voltage	Ravenswood 3	34.5	327.8	330.7	3948
3891 >E	Bowline 1 345kV Voltage	Volney-Marcy	34.9	327.8	326.7	3750
3902 >E	Buchanan North 345kV Voltage	Marcy South N.	47.4	327.8	335.0	3878
3907 >E	Bowline 2 345kV Voltage	Volney-Marcy	34.9	327.8	326.7	3764
3958 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	37.1	327.8	324.7	3694
3970 >E	Somerset 345kV Voltage	SBK Princeton 345	36.5	327.8	328.6	3624
3970 >E	Rock Tavern 345kV Voltage	Marcy South N.	37.3	327.8	329.9	3881
3971 >E	Somerset 345kV Voltage	Volney-Marcy	36.8	327.8	328.5	3822
3975 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	37.1	327.8	324.6	3708
3999 >E	Somerset 345kV Voltage	Princeton-N.Scot 345	37.6	327.8	327.8	3981
4001 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	37.7	327.8	327.7	3948
4002 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	37.8	327.8	327.7	3945
4026 >E	Somerset 345kV Voltage	SBK Edic R70	38.7	327.8	327.1	4074
4063 >E	Somerset 345kV Voltage	SBK Marcy R3108	40.6	327.8	326.1	3783
4154 >E	Ladentown 345kV Voltage	Marcy South N.	46.1	327.8	336.5	3891
4167 >E	Ramapo 345kV Voltage	Marcy South N.	48.5	327.8	334.7	3892
4234 >E	Bowline 1 345kV Voltage	Marcy South N.	46.2	327.8	337.1	3895
4252 >E	Bowline 2 345kV Voltage	Marcy South N.	46.1	327.8	337.3	3896
4316 >E	Rainey 345kV Voltage	Marcy South S.	48.6	327.8	334.1	3810
4342 >E	Farragut 345kV Voltage	Marcy South S.	50.6	327.8	333.9	3815
4473 >E	Niagara 345kV Voltage	SBK Edic R945	48.0	327.8	341.1	2756
4479 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	48.3	327.8	341.0	2753
4669 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	54.8	327.8	338.8	2700
4687 >E	Rainey 345kV Voltage	Ravenswood 3	84.1	327.8	342.1	4700
4735 >E	Niagara 345kV Voltage	Pre-Fault	85.0	NA	338	4735
4783 >E	Goethals 345kV Voltage	Marcy South S.	68.4	327.8	333.6	3887
4785 >E	Farragut 345kV Voltage	Ravenswood 3	88.5	327.8	341.5	4794
4953 >E	Niagara 345kV Voltage	Marcy South S.	63.3	327.8	330.9	3916
4990 >E	Niagara 230kV East Voltage	SBK Edic R945	127.6	218.5	226.2	2950
4990 >E	Niagara 230kV West Voltage	SBK Edic R945	127.6	218.5	226.2	2950
5001 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	128.3	218.5	226.2	2947
5001 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	128.3	218.5	226.2	2947

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\00_CAP\Sum2023_CEVC_PH2_50_00_CAP.xlsx

1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5104 >E	Niagara 345kV Voltage	Ph2 DC 1500	73.1	327.8	344.6	4626
5197 >E	Niagara 345kV Voltage	Marcy South N.	76.5	327.8	349.4	3946
5267 >E	Rainey 345kV Voltage	Pre-Fault	140.5	NA	338	5267
5291 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	147.6	218.5	225.1	2909
5291 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	147.6	218.5	225.1	2909
5293 >E	Farragut 345kV Voltage	Pre-Fault	146.8	NA	338	5293
5304 >E	Niagara 230kV East Voltage	Pre-Fault	252.6	NA	225	5304
5304 >E	Niagara 230kV West Voltage	Pre-Fault	252.6	NA	225	5304
5313 >E	Niagara 345kV Voltage	Ravenswood 3	76.8	327.8	331.2	5292
5425 >E	Rainey 345kV Voltage	SBK Edic R945	91.9	327.8	336.9	3113
5430 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	92.1	327.8	336.8	3106
5473 >E	Farragut 345kV Voltage	SBK Edic R945	95.6	327.8	336.8	3131
5479 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	95.8	327.8	336.7	3124
5500 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	94.6	327.8	336.3	2979
5529 >E	Goethals 345kV Voltage	Ravenswood 3	117.8	327.8	340.7	5497
5535 >E	Niagara 345kV Voltage	SBK Princetown 345	82.7	327.8	328.6	4998
5549 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	98.3	327.8	336.3	2996
5549 >E	Niagara 345kV Voltage	Volney-Marcy	83.3	327.8	328.4	5259
5605 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	85.1	327.8	327.8	5577
5610 >E	Rainey 345kV Voltage	Ph2 DC 1500	99.4	327.8	340.1	4941
5613 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	85.4	327.8	327.7	5540
5617 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	85.5	327.8	327.6	5537
5646 >E	Farragut 345kV Voltage	Ph2 DC 1500	102.8	327.8	339.9	4963
5678 >E	Niagara 345kV Voltage	SBK Edic R70	87.7	327.8	326.9	5756
5863 >E	Niagara 345kV Voltage	SBK Marcy R3108	93.6	327.8	324.7	5319
5951 >E	Niagara 230kV East Voltage	Ph2 DC 1500	199.0	218.5	229.2	5153
5951 >E	Niagara 230kV West Voltage	Ph2 DC 1500	199.0	218.5	229.2	5153
6004 >E	Niagara 230kV East Voltage	Marcy South S.	191.6	218.5	220.4	4089
6004 >E	Niagara 230kV West Voltage	Marcy South S.	191.6	218.5	220.4	4089
6028 >E	Niagara 230kV East Voltage	Marcy South N.	205.9	218.5	231.8	3990
6028 >E	Niagara 230kV West Voltage	Marcy South N.	205.9	218.5	231.8	3990
6073 >E	Goethals 345kV Voltage	Pre-Fault	200.1	NA	338	6073
6285 >E	Rainey 345kV Voltage	SBK Princetown 345	123.9	327.8	330.8	5656
6333 >E	Goethals 345kV Voltage	SBK Edic R945	130.2	327.8	336.7	3454
6340 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	130.5	327.8	336.7	3444
6350 >E	Farragut 345kV Voltage	SBK Princetown 345	128.9	327.8	330.8	5714
6424 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	133.6	327.8	336.2	3290
6429 >E	Niagara 230kV East Voltage	Ravenswood 3	222.6	218.5	220.5	6348
6429 >E	Niagara 230kV West Voltage	Ravenswood 3	222.6	218.5	220.5	6348
6444 >E	Goethals 345kV Voltage	Ph2 DC 1500	135.2	327.8	340.2	5459

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6448 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	131.0	327.8	329.6	6357
6526 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	136.6	327.8	329.6	6434
6538 >E	Rainey 345kV Voltage	SBK Edic R70	134.4	327.8	329.0	6632
6600 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	136.5	327.8	328.5	6514
6621 >E	Farragut 345kV Voltage	SBK Edic R70	140.3	327.8	328.9	6717
6664 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	139.1	327.8	328.1	6629
6681 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	142.4	327.8	328.5	6594
6748 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	145.1	327.8	328.1	6713
6770 >E	Rainey 345kV Voltage	Volney-Marcy	142.8	327.8	327.3	6371
6824 >E	Niagara 230kV East Voltage	SBK Princetown 345	244.7	218.5	219.0	6129
6824 >E	Niagara 230kV West Voltage	SBK Princetown 345	244.7	218.5	219.0	6129
6845 >E	Niagara 230kV East Voltage	Volney-Marcy	246.2	218.5	218.9	6440
6845 >E	Niagara 230kV West Voltage	Volney-Marcy	246.2	218.5	218.9	6440
6851 >E	Farragut 345kV Voltage	Volney-Marcy	148.8	327.8	327.4	6445
6942 >E	Gardenville 230kV Voltage	SBK Edic R945	142.0	207	233.4	3682
6951 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	252.9	218.5	218.5	6914
6951 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	252.9	218.5	218.5	6914
6963 >E	Rainey 345kV Voltage	SBK Marcy R3108	149.7	327.8	325.9	6257
6965 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	253.8	218.5	218.4	6875
6965 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	253.8	218.5	218.4	6875
6974 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	254.4	218.5	218.4	6876
6974 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	254.4	218.5	218.4	6876
6987 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	143.7	207	233.4	3684
7047 >E	Farragut 345kV Voltage	SBK Marcy R3108	156.0	327.8	326.1	6329
7063 >E	Rainey 345kV Voltage	Marcy South N.	153.6	327.8	342.2	4044
7091 >E	Niagara 230kV East Voltage	SBK Edic R70	262.6	218.5	217.9	7196
7091 >E	Niagara 230kV West Voltage	SBK Edic R70	262.6	218.5	217.9	7196
7117 >E	Farragut 345kV Voltage	Marcy South N.	158.7	327.8	342.0	4047
7419 >E	Goethals 345kV Voltage	SBK Princetown 345	172.0	327.8	331.3	6651
7435 >E	Niagara 230kV East Voltage	SBK Marcy R3108	284.0	218.5	216.6	6660
7435 >E	Niagara 230kV West Voltage	SBK Marcy R3108	284.0	218.5	216.6	6660
7779 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	187.1	327.8	329.5	7670
7891 >E	Goethals 345kV Voltage	SBK Edic R70	191.4	327.8	328.9	8010
7945 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	193.3	327.8	328.6	7843
8051 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	197.6	327.8	328.1	8008
8084 >E	Goethals 345kV Voltage	Volney-Marcy	198.5	327.8	327.9	7568

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
8104 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	184.5	207	232.8	3854
8337 >E	Goethals 345kV Voltage	SBK Marcy R3108	208.0	327.8	326.7	7430
8449 >E	Goethals 345kV Voltage	Marcy South N.	212.4	327.8	342.1	4117
11046 >E	Northport 138kV Voltage	Pre-Fault	904.3	NA	135	11046
11361 >E	Northport 138kV Voltage	SBK Edic R945	652.6	131.1	134.7	5341
11369 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	653.2	131.1	134.6	5311
11582 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	669.5	131.1	134.4	5023
12663 >E	Northport 138kV Voltage	Ravenswood 3	772.8	131.1	133.2	12241
12760 >E	Northport 138kV Voltage	Ph2 DC 1500	769.4	131.1	136.4	9387
13751 >E	Northport 138kV Voltage	SBK Princetown 345	838.9	131.1	132.0	12208
13999 >E	Northport 138kV Voltage	N.Scot-Leeds 345	859.6	131.1	131.7	13805
14180 >E	Northport 138kV Voltage	SBK Edic R70	873.7	131.1	131.5	14415
14369 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	888.1	131.1	131.3	14187
14514 >E	Northport 138kV Voltage	Princetown-N.Scot 345	899.6	131.1	131.2	14429
14857 >E	Northport 138kV Voltage	Volney-Marcy	925.9	131.1	130.8	13736
15289 >E	Northport 138kV Voltage	SBK Marcy R3108	959.1	131.1	130.3	13361
18781 >E	Northport 138kV Voltage	Marcy South N.	1241.4	131.1	137.1	4662
20150 >E	Gardenville 230kV Voltage	Marcy South N.	663.4	207	316.1	4734
22660 >E	Gardenville 230kV Voltage	Ph2 DC 1500	716.8	207	316.3	15544
22872 >E	Gardenville 230kV Voltage	Ravenswood 3	709.1	207	226.1	21893
42807 >E	Gardenville 230kV Voltage	Pre-Fault	2189.6	NA	217	42807
45672 >E	Gardenville 230kV Voltage	SBK Princetown 345	1520.3	207	215.7	40221

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

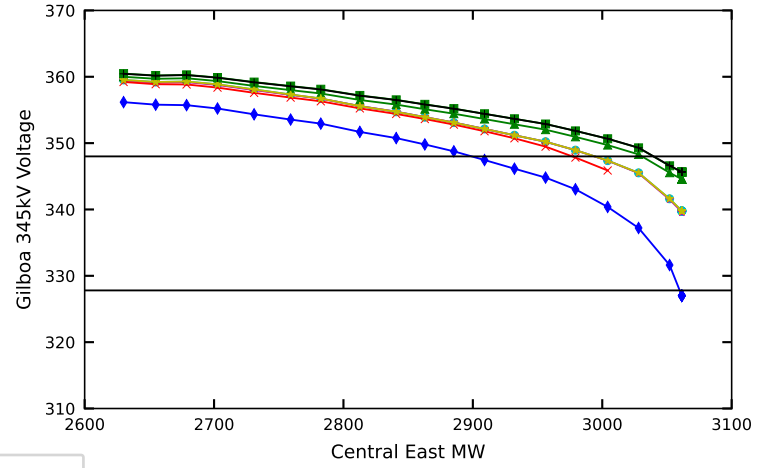
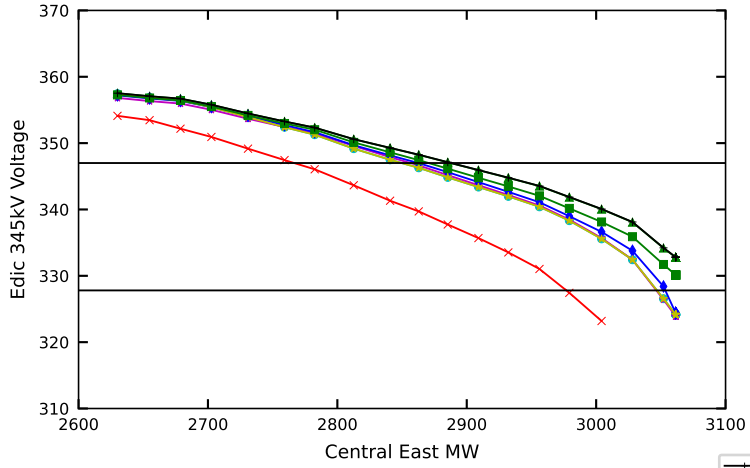
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1: 2023S CEVC PH2 CE2640 MS2270 DE1420 50 00_CAP

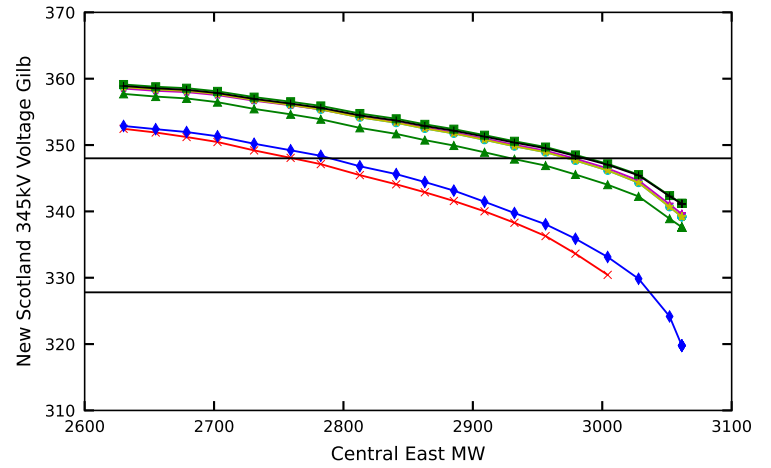
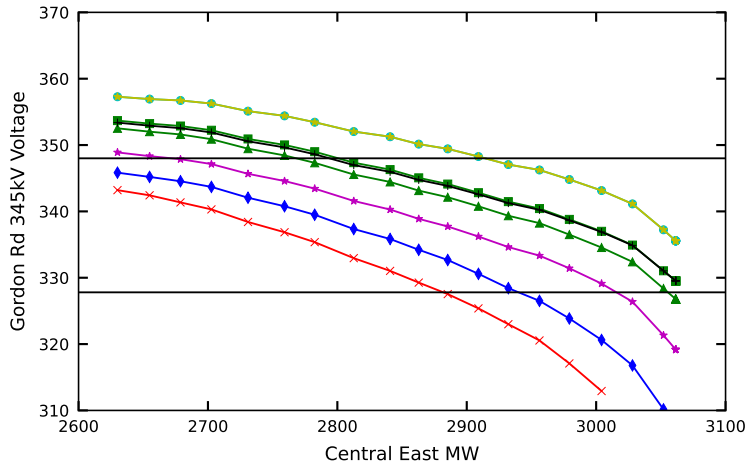
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
48019 >E	Gardenville 230kV Voltage	Volney-Marcy	1604.4	207	214.6	43937
65673 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	2224.6	207	206.6	65264
68351 >E	Gardenville 230kV Voltage	361-362 D1b Ckt Twr 345	2321.0	207	205.3	67498
69680 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	2368.4	207	204.7	68721
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
99999 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99999
99999 >E	Gardenville 230kV Voltage	SBK Marcy R3108	NA	207	NA	99999
99999 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

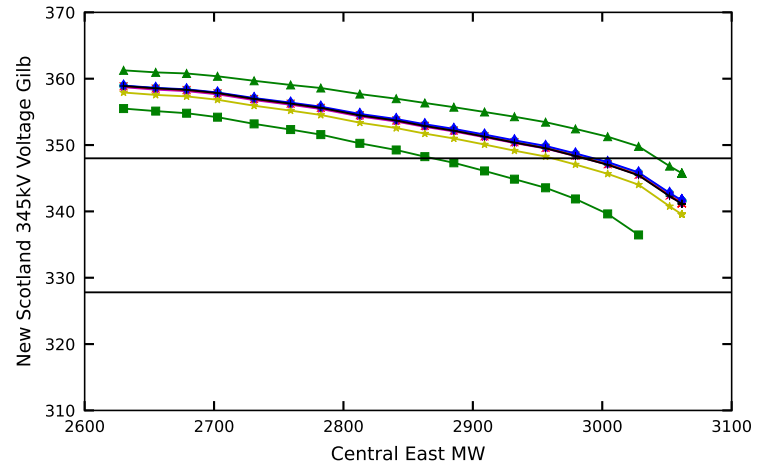
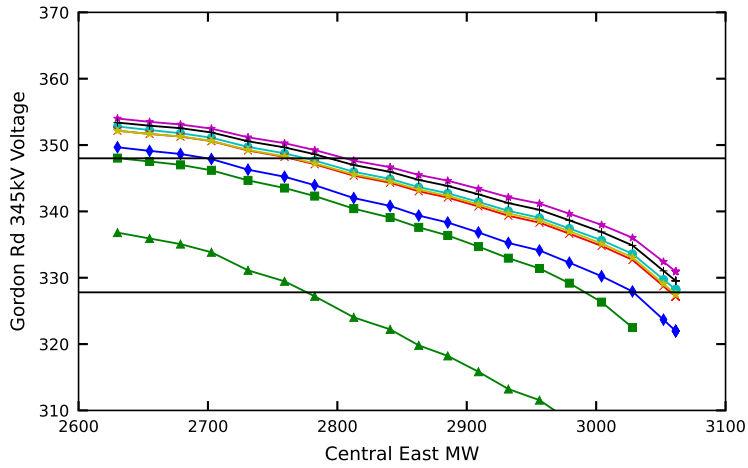
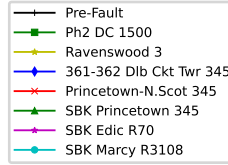
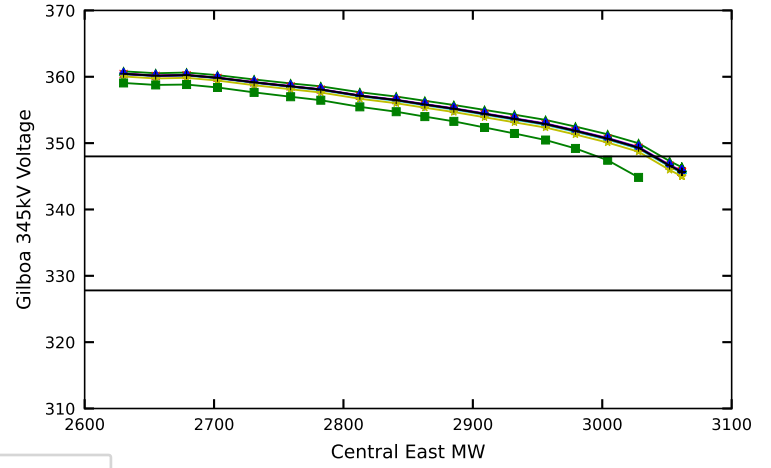
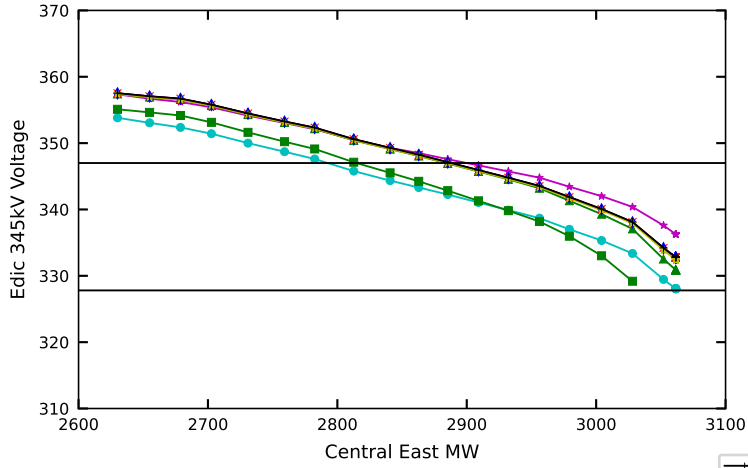
1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS Figure 1



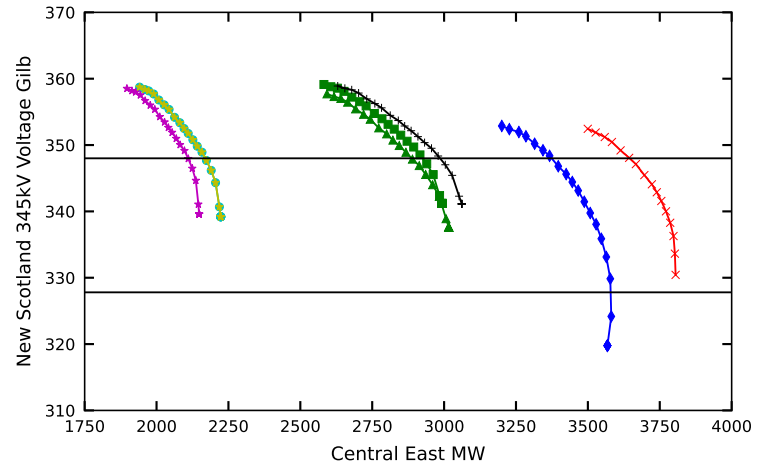
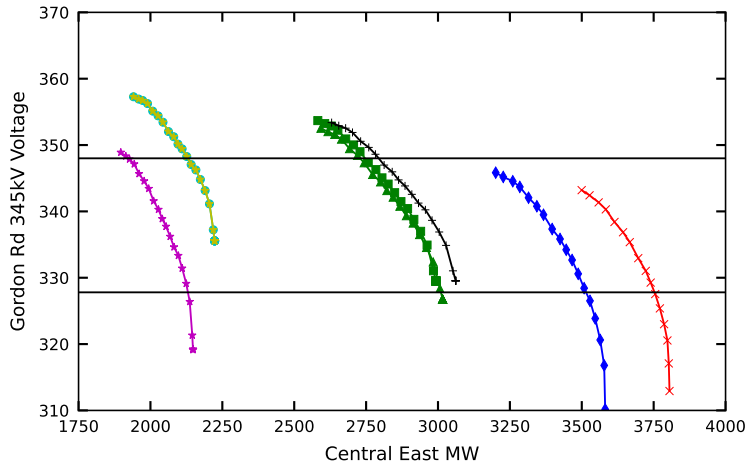
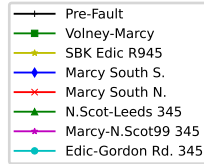
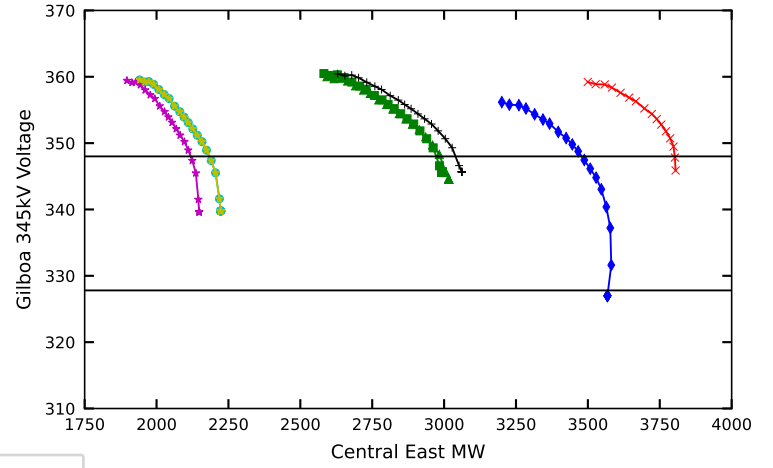
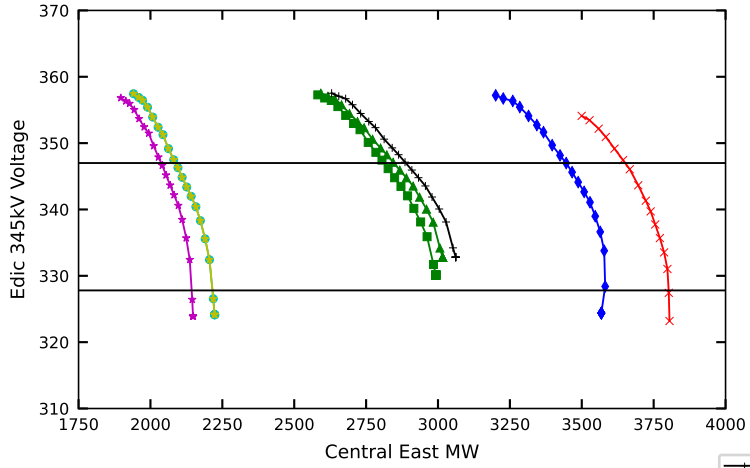
- +— Pre-Fault
- Volney-Marcy
- SBK Edic R945
- ◆— Marcy South S.
- x— Marcy South N.
- ▲— N.Scot-Leeds 345
- *— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



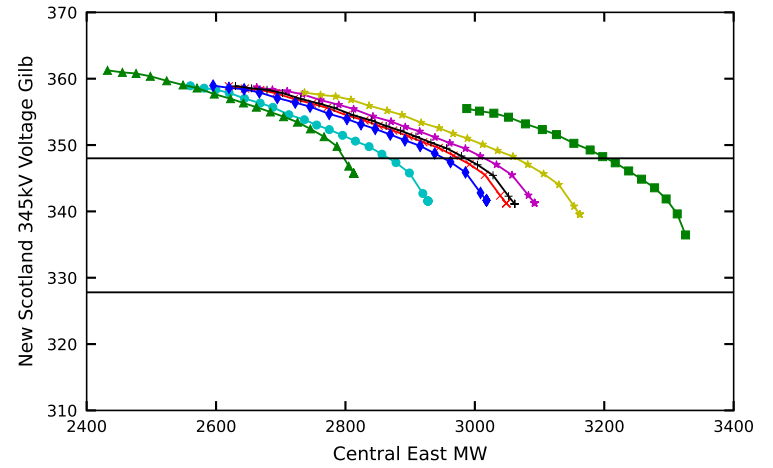
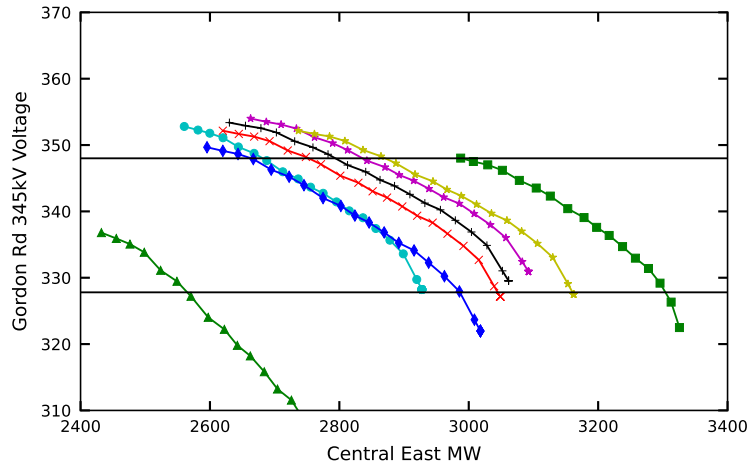
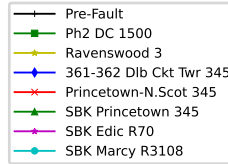
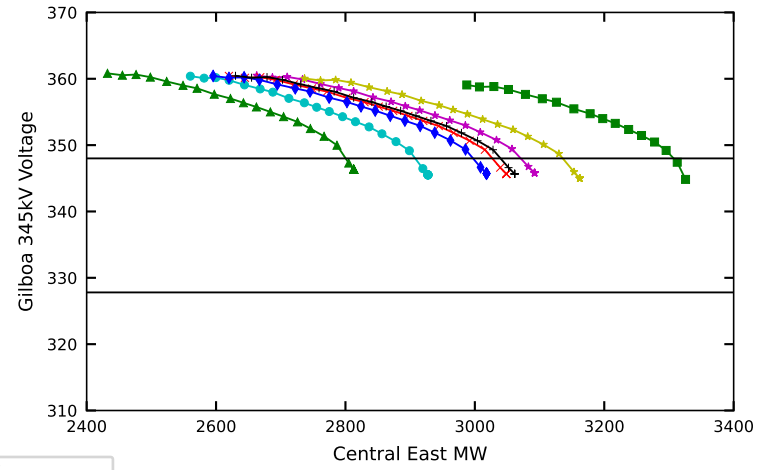
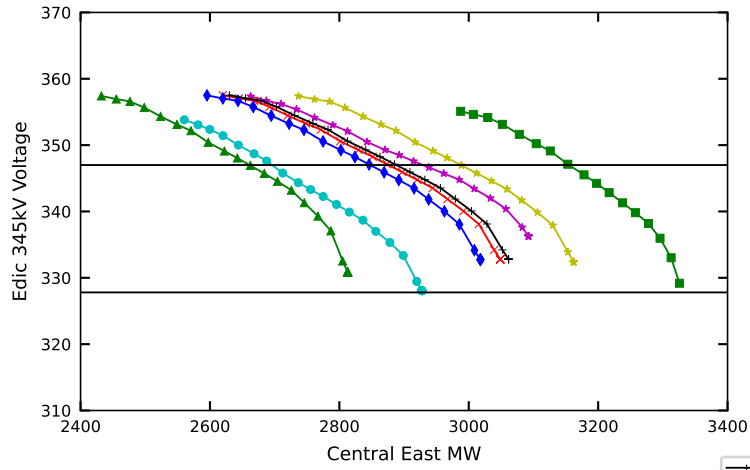
1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS Figure 2



1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS Figure 1



1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 5O OR_CAPS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2630	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2654	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2678	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2702	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2730	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2759	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2782	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2812	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2840	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2862	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2885	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2909	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2932	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2956	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2979	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
3004	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
3028	t1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	7															
3052	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	8															
3061	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	9															
3061	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	0															
3061	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	1															
3061	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	2															
3061	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	3															
3061	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	4															
3061	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-20-2023 15:34

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\OR_CAPS\Sum2023_CEVC_PH2_5O_OR_CAPS.xlsx

1: 2023S CEVC PH2 CE2620 MS2270 DE1420 5O OR_CAPS

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\OR_CAPS\Sum2023_CEVC_Ph2_5O_OR_CAPS.xlsx

1: 2023S CEVC PH2 CE2620 MS2270 DE1420 5O OR_CAPS

Interface: Central East

Dlb Ckt																						
Twr 345																						
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																						
wood 3																						
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2
Ph2 DC																						
1500																						

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2776	Gordon Rd 345kV Voltage	SBK Princetown 345	10.3	327.8	348.9	2564
2783 >E	Dunwoodie 345kV Voltage	Pre-Fault	50.4	NA	348	2783
2789 >E	Sprain Brook 345kV Voltage	Pre-Fault	50.1	NA	348	2789
2793	Gordon Rd 345kV Voltage	Pre-Fault	18.5	NA	348	2793
2853	limit with 5% margin	Marcy South N.	NA	NA	NA	3614
2867	Marcy 345kV Voltage	Pre-Fault	19.6	NA	348	2867
2875	Millwood 345kV Voltage	Pre-Fault	119.3	NA	348	2875
2876	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3159
2881	Gordon Rd 345kV Voltage	Marcy South N.	12.9	327.8	344.0	3752
2887	Edic 345kV Voltage	Pre-Fault	20.0	NA	347	2887
2899	limit with 5% margin	Marcy South S.	NA	NA	NA	3402
2908	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2040
2908	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2781
2908	limit with 5% margin	Ravenswood 3	NA	NA	NA	3003
2908	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2111
2908	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2865
2908	limit with 5% margin	SBK Edic R945	NA	NA	NA	2111
2908	limit with 5% margin	Volney-Marcy	NA	NA	NA	2842
2908	limit with 5% margin	SBK Edic R70	NA	NA	NA	2937
2908	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2672
2908	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2896
2908	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2867
2940	Gordon Rd 345kV Voltage	Marcy South S.	12.6	327.8	340.9	3514
2967	Buchanan North 345kV Voltage	Pre-Fault	60.0	NA	346	2967
2976	Edic 345kV Voltage	Marcy South N.	6.4	327.8	342.0	3802
2978	Marcy 345kV Voltage	Marcy South N.	6.4	327.8	341.9	3802
2985	New Scotland 345kV Voltage Alps	Pre-Fault	18.8	NA	348	2985
2985	New Scotland 345kV Voltage Gilb	Pre-Fault	18.8	NA	348	2985
2991	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.7	327.8	337.8	3303
3009 >E	Oakdale 345kV Voltage	Marcy South N.	5.7	320	344.8	3805
3015	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	8.7	327.8	335.9	2130
3024 >E	New Scotland 345kV Voltage Alps	Marcy South N.	7.8	327.8	345.9	3807
3024 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	7.8	327.8	345.9	3807
3028	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	5.6	327.8	334.8	2986
3035	Rock Tavern 345kV Voltage	Pre-Fault	11.9	NA	348	3035
3036 >E	Edic 345kV Voltage	Ph2 DC 1500	6.2	327.8	337.4	3330
3036	New Scotland 345kV Voltage Alps	Marcy South S.	4.2	327.8	344.3	3579
3036	New Scotland 345kV Voltage Gilb	Marcy South S.	4.2	327.8	344.3	3579
3037 >E	Marcy 345kV Voltage	Ph2 DC 1500	6.2	327.8	337.2	3330

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3037	Pleasant Valley 345kV Voltage	Pre-Fault	13.7	NA	348	3037
3039	Gilboa 345kV Voltage	Pre-Fault	8.9	NA	348	3039
3040	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	339.5	2141
3041	Coopers Corners 345kV Voltage	SBK Edic R945	4.3	327.8	339.5	2212
3041	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	339.5	2212
3043	Marcy 345kV Voltage	SBK Edic R945	4.0	327.8	335.4	2213
3043	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.0	327.8	335.4	2213
3046	Edic 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	335.1	2143
3046	Edic 345kV Voltage	SBK Edic R945	4.1	327.8	335.0	2215
3046	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.1	327.8	335.0	2215
3048	Buchanan South 345kV Voltage	Pre-Fault	15.3	NA	346	3048
3050	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.0	327.8	334.3	2144
3051	Coopers Corners 345kV Voltage	Pre-Fault	7.1	NA	338	3051
3053	Fraser 345kV Voltage	Pre-Fault	6.4	NA	338	3053
3054 >E	Edic 345kV Voltage	Marcy South S.	4.5	327.8	333.8	3581
3054	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.4	327.8	337.8	2146
3055	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	5.9	327.8	330.5	3010
3055 >E	Marcy 345kV Voltage	Marcy South S.	4.4	327.8	333.5	3581
3055	Fraser 345kV Voltage	SBK Edic R945	3.6	327.8	337.6	2220
3055	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	337.6	2220
3057	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	330.2	3044
3059	Gordon Rd 345kV Voltage	Ravenswood 3	6.0	327.8	329.8	3160
3063 >E	Edic 345kV Voltage	SBK Marcy R3108	7.3	327.8	332.7	2928
3067 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	14.6	327.8	329.5	2932
3068 >E	Gilboa 345kV Voltage	Marcy South S.	4.3	327.8	344.8	3583
3068 >E	Edic 345kV Voltage	Ravenswood 3	1.6	327.8	328.2	3178
3070 >E	Gordon Rd 345kV Voltage	Volney-Marcy	5.2	327.8	327.8	2994
3071 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.5	320	335.0	2148
3074 >E	Oakdale 345kV Voltage	Pre-Fault	10.4	NA	335	3074
3076 >E	Marcy 345kV Voltage	Ravenswood 3	3.3	327.8	323.4	3195
3076 >E	Oakdale 345kV Voltage	SBK Edic R945	3.5	320	334.8	2229
3076 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.5	320	334.8	2229
3077 >E	Gordon Rd 345kV Voltage	SBK Edic R70	5.2	327.8	326.4	3108
3078 >E	Coopers Corners 345kV Voltage	Ravenswood 3	3.3	327.8	331.8	3199
3080 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	1.6	327.8	329.4	3204
3080 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	1.6	327.8	329.4	3204
3082 >E	Dunwoodie 345kV Voltage	Ravenswood 3	3.2	327.8	334.9	3208
3082 >E	Sprain Brook 345kV Voltage	Ravenswood 3	3.2	327.8	341.4	3209
3085 >E	Edic 345kV Voltage	Volney-Marcy	10.4	327.8	330.5	2998
3086 >E	Marcy 345kV Voltage	Volney-Marcy	10.4	327.8	327.9	2998
3086 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	5.2	327.8	327.8	3064

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3086 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	5.2	327.8	327.8	3044
3087 >E	Edic 345kV Voltage	N.Scot-Leeds 345	5.2	327.8	330.3	3033
3090 >E	Fraser 345kV Voltage	Ravenswood 3	3.2	327.8	336.7	3226
3090 >E	Buchanan North 345kV Voltage	Ravenswood 3	3.2	327.8	334.1	3226
3091 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	2.5	327.8	341.7	2150
3091 >E	Ramapo 500kV Voltage	Ph2 DC 1500	33.9	500	507.6	3359
3093 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	7.5	327.8	341.1	3360
3093 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	7.5	327.8	341.1	3360
3093 >E	Clay 345kV Voltage	Ravenswood 3	1.6	327.8	338.3	3232
3093 >E	Edic 345kV Voltage	SBK Princetown 345	10.4	327.8	329.7	2833
3094 >E	Clay 345kV Voltage	Pre-Fault	10.4	NA	345	3094
3094 >E	Marcy 345kV Voltage	SBK Princetown 345	10.4	327.8	326.4	2833
3097 >E	Clay 345kV Voltage	Marcy South N.	8.7	327.8	348.8	3814
3098 >E	Buchanan South 345kV Voltage	Ravenswood 3	3.2	327.8	345.4	3243
3101 >E	Gordon Rd 345kV Voltage	SBK Edic R945	5.2	327.8	321.8	2239
3101 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	5.2	327.8	321.8	2239
3103 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	3.5	327.8	341.7	2239
3104 >E	Fraser 345kV Voltage	Ph2 DC 1500	6.1	327.8	335.4	3366
3104 >E	Fraser 345kV Voltage	SBK Marcy R3108	4.9	327.8	330.8	2959
3105 >E	Edic 345kV Voltage	SBK Edic R70	5.2	327.8	328.6	3136
3106 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	3.8	327.8	329.3	2152
3106 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	3.8	327.8	329.3	2152
3106 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	8.1	327.8	335.6	3368
3107 >E	Fraser 345kV Voltage	Marcy South S.	5.4	327.8	328.1	3589
3108 >E	Oakdale 345kV Voltage	Ravenswood 3	3.2	320	321.7	3266
3109 >E	Roseton 345kV Voltage	Pre-Fault	10.4	NA	345	3109
3110 >E	Leeds 345kV Voltage	Marcy South S.	5.2	327.8	345.8	3589
3111 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	3.3	327.8	331.3	3271
3111 >E	Coopers Corners 345kV Voltage	Volney-Marcy	5.2	327.8	332.2	3005
3112 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	323.0	3050
3112 >E	Marcy 345kV Voltage	SBK Edic R70	10.4	327.8	323.0	3142
3113 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	327.9	3071
3113 >E	Edic 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	327.8	3081
3114 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	334.1	2152
3117 >E	Gilboa 345kV Voltage	Ravenswood 3	3.2	327.8	345.7	3285
3120 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	339.3	2153
3120 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	5.2	327.8	335.4	2246
3120 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	5.2	327.8	335.4	2246
3120 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	5.2	327.8	335.4	2246

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3120 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	5.2	327.8	335.4	2246
3121 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	338.6	2153
3121 >E	Oakdale 345kV Voltage	Ph2 DC 1500	6.0	320	334.3	3376
3123 >E	Gilboa 345kV Voltage	SBK Edic R945	5.2	327.8	339.7	2248
3125 >E	Leeds 345kV Voltage	Pre-Fault	10.4	NA	345	3125
3128 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	5.2	327.8	343.1	2250
3131 >E	Ramapo 500kV Voltage	SBK Princetown 345	10.4	500	513.8	2857
3131 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	5.2	327.8	334.4	3010
3131 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	5.2	327.8	334.4	3010
3132 >E	Marcy 345kV Voltage	SBK Marcy R3108	14.6	327.8	332.6	2978
3134 >E	Clay 345kV Voltage	SBK Edic R945	5.2	327.8	341.1	2252
3134 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	5.2	327.8	341.1	2252
3135 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	10.4	327.8	329.9	2860
3137 >E	Leeds 345kV Voltage	Ravenswood 3	3.2	327.8	304.5	3329
3139 >E	Oakdale 345kV Voltage	Marcy South S.	4.6	320	319.9	3593
3147 >E	Coopers Corners 345kV Voltage	SBK Edic R70	10.4	327.8	328.8	3178
3149 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	339.5	2156
3150 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	328.5	3077
3152 >E	Oakdale 345kV Voltage	SBK Marcy R3108	7.3	320	323.8	2993
3153 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	10.4	218.5	228.6	2260
3154 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	328.1	3113
3154 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	336.7	3080
3154 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	336.7	3113
3158 >E	Clay 345kV Voltage	Volney-Marcy	5.2	327.8	338.9	3017
3159 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	341.3	2156
3159 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	343.1	2156
3160 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	346.2	2156
3163 >E	Pleasant Valley 345kV Voltage	Marcy South S.	9.2	327.8	338.8	3597
3164 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	10.4	327.8	331.3	3086
3164 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	10.4	327.8	331.3	3086
3175 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	328.7	2158
3183 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	5.2	327.8	339.5	2271
3183 >E	Leeds 345kV Voltage	SBK Edic R945	5.2	327.8	339.5	2271
3183 >E	Leeds 345kV Voltage	SBK Edic R70	5.2	327.8	339.5	3214
3183 >E	Leeds 345kV Voltage	SBK Princetown 345	5.2	327.8	339.5	2890
3183 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	5.2	327.8	339.5	3126
3185 >E	Gilboa 345kV Voltage	Ph2 DC 1500	9.2	327.8	340.4	3410
3188 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	313.9	2159
3191 >E	Clay 345kV Voltage	Marcy South S.	7.5	327.8	335.9	3601

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3194 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	341.3	2276
3194 >E	Dunwoodie 345kV Voltage	SBK Edic R945	10.4	327.8	341.3	2276
3195 >E	Sprain Brook 345kV Voltage	SBK Edic R945	10.4	327.8	341.4	2276
3196 >E	Buchanan North 345kV Voltage	SBK Edic R945	10.4	327.8	343.1	2277
3196 >E	Ramapo 500kV Voltage	Marcy South S.	24.6	500	503.3	3601
3196 >E	Rock Tavern 345kV Voltage	SBK Edic R945	10.4	327.8	333.2	2277
3198 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	15.1	218.5	219.5	2160
3200 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	341.3	3111
3201 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	348.9	2160
3201 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	341.4	3112
3201 >E	New Scotland 345kV Voltage Alps	Princeton-N.Scot 345	10.4	327.8	327.7	3138
3201 >E	New Scotland 345kV Voltage Gilb	Princeton-N.Scot 345	10.4	327.8	327.7	3138
3201 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	10.4	327.8	327.7	3232
3201 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	10.4	327.8	327.7	3232
3202 >E	Pannell Road 345kV Voltage	Marcy South N.	14.4	327.8	344.9	3824
3202 >E	Sprain Brook 345kV Voltage	SBK Edic R70	10.4	327.8	341.4	3233
3203 >E	Sprain Brook 345kV Voltage	Princeton-N.Scot 345	10.4	327.8	341.4	3139
3204 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	341.4	3165
3205 >E	Oakdale 345kV Voltage	Volney-Marcy	10.4	320	322.5	3029
3205 >E	Fraser 345kV Voltage	Marcy South N.	11.9	327.8	327.8	3825
3205 >E	Clay 345kV Voltage	Ph2 DC 1500	10.0	327.8	343.9	3421
3206 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	10.4	327.8	327.3	3166
3206 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	10.4	327.8	327.3	3166
3206 >E	Sprain Brook 345kV Voltage	SBK Princeton 345	10.4	327.8	341.4	2905
3213 >E	Oakdale 345kV Voltage	SBK Princeton 345	10.4	320	321.7	2909
3213 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	330.4	2161
3215 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	349.6	2162
3215 >E	Dunwoodie 345kV Voltage	Marcy South S.	12.9	327.8	330.7	3604
3216 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	330.4	2162
3216 >E	Goethals 345kV Voltage	Pre-Fault	10.4	NA	338	3216
3217 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	343.8	2285
3218 >E	Sprain Brook 345kV Voltage	Marcy South S.	13.0	327.8	330.6	3604
3219 >E	Buchanan North 345kV Voltage	SBK Edic R70	10.4	327.8	343.1	3249
3219 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	7.6	207	221.9	2162
3220 >E	Buchanan North 345kV Voltage	SBK Princeton 345	10.4	327.8	343.1	2913
3225 >E	Pannell Road 345kV Voltage	SBK Edic R945	10.4	327.8	347.1	2289
3225 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	347.1	2289
3228 >E	Station 80 345kV Voltage	SBK Edic R945	10.4	327.8	346.5	2290

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3228 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	346.5	2290
3228 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	320	320.2	3190
3228 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	345.4	2290
3228 >E	Buchanan South 345kV Voltage	SBK Edic R945	10.4	327.8	345.4	2290
3229 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	10.4	320	320.2	3131
3230 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	10.4	320	320.1	3156
3230 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	14.6	327.8	325.4	3050
3231 >E	Millwood 345kV Voltage	SBK Princetown 345	10.4	327.8	343.8	2921
3235 >E	Gilboa 345kV Voltage	Marcy South N.	12.8	327.8	339.7	3828
3235 >E	Millwood 345kV Voltage	Marcy South S.	12.4	327.8	331.7	3607
3236 >E	Ramapo 345kV Voltage	SBK Edic R945	10.4	327.8	364.4	2293
3236 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	352.4	2163
3236 >E	Oakdale 345kV Voltage	SBK Edic R70	10.4	320	319.4	3267
3240 >E	Leeds 345kV Voltage	Marcy South N.	11.3	327.8	347.7	3828
3245 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	345.4	3207
3245 >E	St.Lawrence 230kV Voltage	SBK Edic R945	20.9	218.5	228.6	2297
3246 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	10.4	327.8	328.4	2931
3247 >E	St.Lawrence 230kV Voltage	Marcy South S.	19.1	218.5	220.9	3608
3247 >E	Gilboa 345kV Voltage	Volney-Marcy	10.4	327.8	327.8	3040
3247 >E	Buchanan South 345kV Voltage	Volney-Marcy	10.4	327.8	345.4	3040
3247 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	327.8	3168
3248 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	327.7	3210
3248 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	10.4	327.8	323.2	2932
3248 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	10.4	327.8	323.2	2932
3249 >E	Gilboa 345kV Voltage	SBK Edic R70	10.4	327.8	327.7	3280
3249 >E	Rock Tavern 345kV Voltage	SBK Edic R70	10.4	327.8	328.2	3280
3250 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	352.9	2165
3251 >E	Station 80 345kV Voltage	SBK Princetown 345	10.4	327.8	346.5	2934
3252 >E	Station 80 345kV Voltage	Marcy South N.	16.8	327.8	343.4	3830
3253 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	327.8	3171
3253 >E	Pannell Road 345kV Voltage	Volney-Marcy	10.4	327.8	347.1	3042
3253 >E	Ladentown 345kV Voltage	SBK Edic R945	10.4	327.8	348.9	2300
3255 >E	Gilboa 345kV Voltage	SBK Princetown 345	10.4	327.8	327.1	2936
3255 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	10.4	327.8	327.9	3286
3255 >E	Pannell Road 345kV Voltage	SBK Princetown 345	10.4	327.8	347.1	2936
3256 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	327.8	3173
3257 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	327.7	3220

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3259 >E	Leeds 345kV Voltage	Ph2 DC 1500	9.7	327.8	343.9	3450
3260 >E	Station 80 345kV Voltage	SBK Edic R70	10.4	327.8	346.5	3291
3260 >E	Clay 345kV Voltage	SBK Princetown 345	10.4	327.8	329.0	2939
3261 >E	Pannell Road 345kV Voltage	Marcy South S.	11.2	327.8	333.1	3610
3262 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	347.1	3225
3264 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	10.4	327.8	327.0	2942
3267 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	367.3	3230
3267 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	367.4	3180
3267 >E	Station 80 345kV Voltage	Ph2 DC 1500	14.7	327.8	339.2	3454
3269 >E	Ramapo 345kV Voltage	Volney-Marcy	10.4	327.8	367.5	3046
3270 >E	Bowline 1 345kV Voltage	SBK Edic R945	10.4	327.8	350.5	2307
3270 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	350.5	2307
3272 >E	St.Lawrence 230kV Voltage	SBK Edic R70	20.9	218.5	228.6	3303
3272 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	327.9	3235
3273 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	329.4	2308
3273 >E	Roseton 345kV Voltage	SBK Edic R945	10.4	327.8	329.4	2308
3273 >E	Clay 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	327.9	3161
3273 >E	Clay 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	327.8	3184
3273 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	20.9	218.5	228.6	3162
3274 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	14.5	327.8	340.9	3458
3274 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	350.9	2308
3278 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	348.9	3165
3279 >E	Ladentown 345kV Voltage	SBK Edic R70	10.4	327.8	348.9	3310
3280 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	348.9	3244
3281 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	348.9	3189
3281 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	7.6	327.8	386.7	2168
3282 >E	Watercure 230kV Voltage	SBK Edic R945	10.4	207	221.7	2311
3282 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	10.4	207	221.7	2311
3284 >E	St.Lawrence 230kV Voltage	Marcy South N.	28.6	218.5	225.4	3833
3285 >E	Clay 345kV Voltage	SBK Edic R70	10.4	327.8	326.7	3316
3285 >E	Buchanan South 345kV Voltage	Marcy South S.	13.2	327.8	330.5	3614
3286 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	328.0	3171
3287 >E	Roseton 345kV Voltage	SBK Edic R70	10.4	327.8	327.9	3318
3292 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	14.6	327.8	343.1	3095
3292 >E	Station 80 345kV Voltage	Marcy South S.	13.0	327.8	332.1	3615
3298 >E	Roseton 345kV Voltage	Marcy South S.	12.1	327.8	333.8	3616
3298 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr	10.4	327.8	350.5	3261

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3300 >E	Bowline 2 345kV Voltage	SBK Edic R70	10.4	327.8	350.9	3331
3304 >E	Bowline 2 345kV Voltage	Volney-Marcy	10.4	327.8	350.9	3055
3305 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	327.8	3183
3305 >E	Leeds 345kV Voltage	Volney-Marcy	10.4	327.8	327.8	3055
3305 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	327.8	3268
3305 >E	Buchanan North 345kV Voltage	Marcy South S.	14.8	327.8	327.4	3617
3305 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	29.1	218.5	224.9	3475
3317 >E	Clay 345kV Voltage	SBK Marcy R3108	14.6	327.8	330.6	3113
3318 >E	Somerset 345kV Voltage	SBK Edic R70	10.4	327.8	352.4	3349
3320 >E	Gilboa 345kV Voltage	SBK Marcy R3108	14.6	327.8	327.9	3115
3322 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	15.7	327.8	338.1	3484
3322 >E	Station 80 345kV Voltage	SBK Marcy R3108	14.6	327.8	328.6	3117
3322 >E	Goethals 345kV Voltage	SBK Edic R70	10.4	327.8	327.8	3353
3324 >E	Farragut 345kV Voltage	Volney-Marcy	10.4	327.8	352.9	3060
3326 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	16.1	327.8	339.5	3486
3342 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	14.6	327.8	346.5	3131
3345 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	14.6	327.8	346.2	3133
3355 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	22.5	327.8	337.4	3501
3359 >E	Ramapo 345kV Voltage	SBK Marcy R3108	14.6	327.8	347.6	3143
3366 >E	Niagara 345kV Voltage	SBK Edic R945	10.4	327.8	357.6	2345
3371 >E	Niagara 345kV Voltage	Volney-Marcy	10.4	327.8	357.6	3072
3372 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	357.6	3230
3375 >E	Niagara 230kV East Voltage	SBK Edic R945	20.9	218.5	233.8	2349
3375 >E	Niagara 230kV West Voltage	SBK Edic R945	20.9	218.5	233.8	2349
3381 >E	Niagara 230kV East Voltage	Volney-Marcy	20.9	218.5	233.8	3074
3381 >E	Niagara 230kV West Voltage	Volney-Marcy	20.9	218.5	233.8	3074
3381 >E	Millwood 345kV Voltage	Ph2 DC 1500	21.8	327.8	337.4	3516
3388 >E	Roseton 345kV Voltage	SBK Marcy R3108	14.6	327.8	349.6	3165
3392 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	25.6	327.8	336.0	3521
3393 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	25.8	327.8	335.9	3522
3397 >E	Pleasant Valley 345kV Voltage	Marcy South N.	21.7	327.8	340.5	3844
3404 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	21.6	327.8	338.4	3528
3406 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	14.6	327.8	350.9	3178
3409 >E	Rock Tavern 345kV Voltage	Marcy South S.	13.7	327.8	316.5	3631
3412 >E	Watercure 230kV Voltage	SBK Marcy R3108	14.6	207	232.3	3182
3413 >E	Ladentown 345kV Voltage	Marcy South S.	15.5	327.8	327.1	3632
3422 >E	Watercure 230kV Voltage	Pre-Fault	20.9	NA	215	3422
3435 >E	Ramapo 345kV Voltage	Marcy South S.	16.7	327.8	325.2	3635
3442 >E	Ramapo 345kV Voltage	Ph2 DC 1500	21.8	327.8	339.5	3548

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3442 >E	Bowline 1 345kV Voltage	Marcy South S.	15.6	327.8	327.1	3636
3447 >E	Bowline 2 345kV Voltage	Marcy South S.	15.5	327.8	327.2	3637
3452 >E	Roseton 345kV Voltage	Ph2 DC 1500	19.3	327.8	340.3	3553
3458 >E	Watercure 230kV Voltage	Marcy South N.	29.5	207	232.7	3850
3465 >E	Ladentown 345kV Voltage	Ph2 DC 1500	21.5	327.8	340.2	3560
3484 >E	Coopers Corners 345kV Voltage	Marcy South N.	18.5	327.8	312.5	3853
3487 >E	Ramapo 500kV Voltage	Marcy South N.	68.6	500	506.5	3853
3498 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	21.5	327.8	341.0	3579
3508 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	21.4	327.8	341.2	3584
3568 >E	Coopers Corners 345kV Voltage	Marcy South S.	14.4	327.8	265.2	3654
3588 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	20.9	207	207.1	3560
3589 >E	Watercure 230kV Voltage	Ph2 DC 1500	26.7	207	228.7	3627
3589 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	20.9	207	207.0	3386
3593 >E	Watercure 230kV Voltage	SBK Edic R70	20.9	207	206.8	3623
3631 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	20.9	207	235.2	2451
3646 >E	Gardenville 230kV Voltage	SBK Princetown 345	20.9	207	235.2	3185
3646 >E	Somerset 345kV Voltage	Ph2 DC 1500	27.5	327.8	340.9	3658
3649 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	20.9	207	235.2	3425
3672 >E	Somerset 345kV Voltage	Marcy South S.	25.2	327.8	332.1	3669
3676 >E	Millwood 345kV Voltage	Marcy South N.	37.5	327.8	335.5	3872
3698 >E	Roseton 345kV Voltage	Marcy South N.	29.2	327.8	338.0	3874
3704 >E	Dunwoodie 345kV Voltage	Marcy South N.	45.1	327.8	334.3	3875
3709 >E	Sprain Brook 345kV Voltage	Marcy South N.	45.0	327.8	334.3	3876
3748 >E	Somerset 345kV Voltage	Marcy South N.	33.1	327.8	344.3	3879
3776 >E	Buchanan South 345kV Voltage	Marcy South N.	38.5	327.8	335.0	3882
3787 >E	Rock Tavern 345kV Voltage	Marcy South N.	30.9	327.8	326.5	3883
3794 >E	Buchanan North 345kV Voltage	Marcy South N.	43.0	327.8	332.5	3884
4022 >E	Ladentown 345kV Voltage	Marcy South N.	41.7	327.8	333.2	3907
4030 >E	Ramapo 345kV Voltage	Marcy South N.	43.7	327.8	331.4	3908
4096 >E	Bowline 1 345kV Voltage	Marcy South N.	42.0	327.8	333.4	3914
4111 >E	Bowline 2 345kV Voltage	Marcy South N.	41.8	327.8	333.6	3916
4192 >E	Rainey 345kV Voltage	Marcy South S.	44.9	327.8	331.8	3742
4219 >E	Farragut 345kV Voltage	Marcy South S.	46.9	327.8	331.7	3746
4338 >E	Niagara 230kV East Voltage	Marcy South S.	83.9	218.5	219.9	3763
4338 >E	Niagara 230kV West Voltage	Marcy South S.	83.9	218.5	219.9	3763
4642 >E	Goethals 345kV Voltage	Marcy South S.	63.9	327.8	331.2	3806
4748 >E	Niagara 345kV Voltage	Marcy South S.	56.8	327.8	332.4	3821
4808 >E	Niagara 345kV Voltage	Ph2 DC 1500	62.8	327.8	343.3	4283
5043 >E	Rainey 345kV Voltage	Ph2 DC 1500	78.5	327.8	340.9	4410
5074 >E	Farragut 345kV Voltage	Ph2 DC 1500	81.2	327.8	340.7	4427

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5208 >E	Niagara 345kV Voltage	Marcy South N.	76.9	327.8	347.0	4026
5715 >E	Niagara 230kV East Voltage	Ph2 DC 1500	181.3	218.5	228.1	4772
5715 >E	Niagara 230kV West Voltage	Ph2 DC 1500	181.3	218.5	228.1	4772
5734 >E	Goethals 345kV Voltage	Ph2 DC 1500	108.0	327.8	340.8	4782
6280 >E	Niagara 230kV East Voltage	Marcy South N.	220.6	218.5	230.4	4134
6280 >E	Niagara 230kV West Voltage	Marcy South N.	220.6	218.5	230.4	4134
6689 >E	Rainey 345kV Voltage	Marcy South N.	140.5	327.8	338.7	4175
6739 >E	Farragut 345kV Voltage	Marcy South N.	145.2	327.8	338.5	4180
7489 >E	Gardenville 230kV Voltage	Marcy South S.	160.0	207	213.3	4208
7955 >E	Goethals 345kV Voltage	Marcy South N.	194.2	327.8	338.7	4302
10694 >E	Northport 138kV Voltage	Ph2 DC 1500	607.9	131.1	136.9	7452
14692 >E	Gardenville 230kV Voltage	Ph2 DC 1500	422.7	207	276.5	9605
16897 >E	Northport 138kV Voltage	Marcy South N.	1095.2	131.1	135.3	5201
22699 >E	Gardenville 230kV Voltage	Marcy South N.	755.1	207	321.4	5785
99998 >E	Bowline 1 345kV Voltage	Pre-Fault	NA	NA	345	99998
99998 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Bowline 1 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Bowline 1 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Bowline 1 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Bowline 1 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Bowline 2 345kV Voltage	Pre-Fault	NA	NA	345	99998
99998 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Bowline 2 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
99998 >E	Bowline 2 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Bowline 2 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Bowline 2 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Buchanan North 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Buchanan North 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Buchanan North 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						
99998	Buchanan South 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Buchanan South 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Buchanan South 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Buchanan South 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Buchanan South 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998	Farragut 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Farragut 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Fraser 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Fraser 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Fraser 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Fraser 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Gilboa 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Goethals 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
>E						
99998	Gardenville 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R945	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	Ladentown 345kV Voltage	Pre-Fault	NA	NA	346	99998
>E						
99998	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Ladentown 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Ladentown 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Ladentown 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Ladentown 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Leeds 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Millwood 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
99998 >E	Millwood 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Millwood 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Millwood 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Millwood 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	St.Lawrence 230kV Voltage	Pre-Fault	NA	NA	225	99998
99998 >E	St.Lawrence 230kV Voltage	Volney-Marcy	NA	218.5	NA	99998
99998 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	NA	218.5	NA	99998
99998 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	NA	218.5	NA	99998
99998 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
99998 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
99998 >E	St.Lawrence 230kV Voltage	Ravenswood 3	NA	218.5	NA	99998
99998 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Niagara 230kV East Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Marcy-N.Scot99 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Marcy R3108	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Edic R70	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Marcy-N.Scot99 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Marcy R3108	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Edic R70	NA	218.5	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 230kV West Voltage	SBK Princetown 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	361-362 D1b Ckt Twr 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Ravenswood 3	NA	218.5	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 D1b Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Pannell Road 345kV Voltage	Pre-Fault	NA	NA	346	99998
99998 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998	Pannell Road 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Pannell Road 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Pannell Road 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						
99998	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Pleasant Valley 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Pleasant Valley 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Rainey 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Ramapo 345kV Voltage	Pre-Fault	NA	NA	346	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
99998 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Ramapo 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Ramapo 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Ramapo 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Ramapo 500kV Voltage	Pre-Fault	NA	NA	500	99998
99998 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	SBK Edic R945	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	Volney-Marcy	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	SBK Marcy R3108	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	SBK Edic R70	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	Ravenswood 3	NA	500	NA	99998
99998 >E	Station 80 345kV Voltage	Pre-Fault	NA	NA	346	99998
99998 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E		345				
99998	Station 80 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Rock Tavern 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr	NA	327.8	NA	99998
>E		345				
99998	Rock Tavern 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Roseton 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Roseton 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Roseton 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Roseton 345kV Voltage	361-362 Dlb Ckt Twr	NA	327.8	NA	99998
>E		345				
99998	Roseton 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Somerset 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	361-362 Dlb Ckt Twr	NA	327.8	NA	99998
>E		345				

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

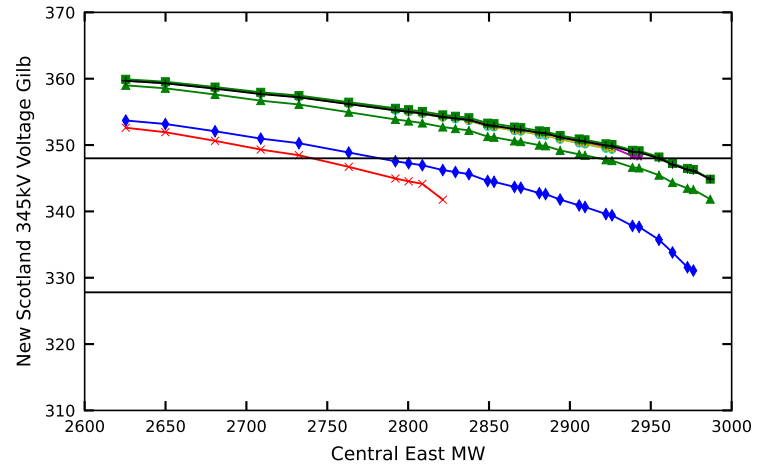
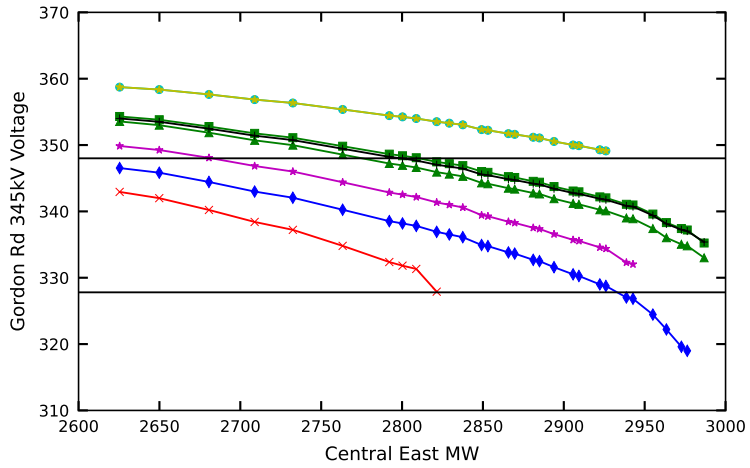
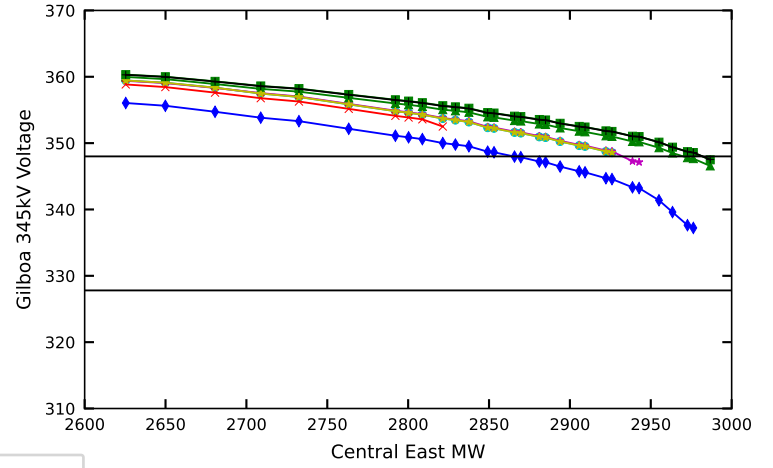
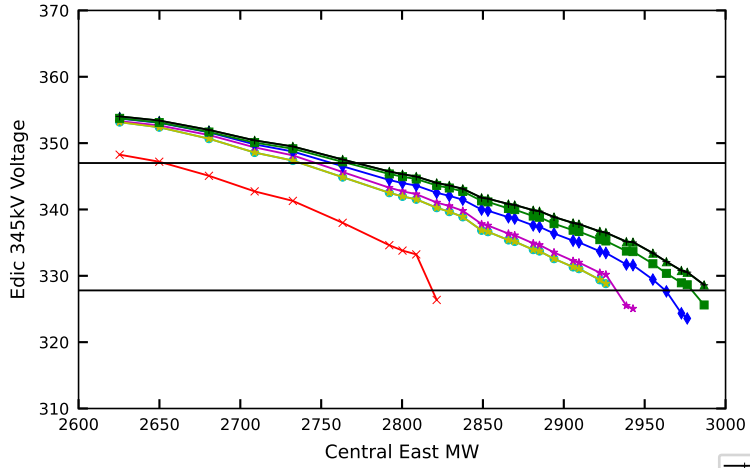
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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0R_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
99998 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Sprain Brook 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998

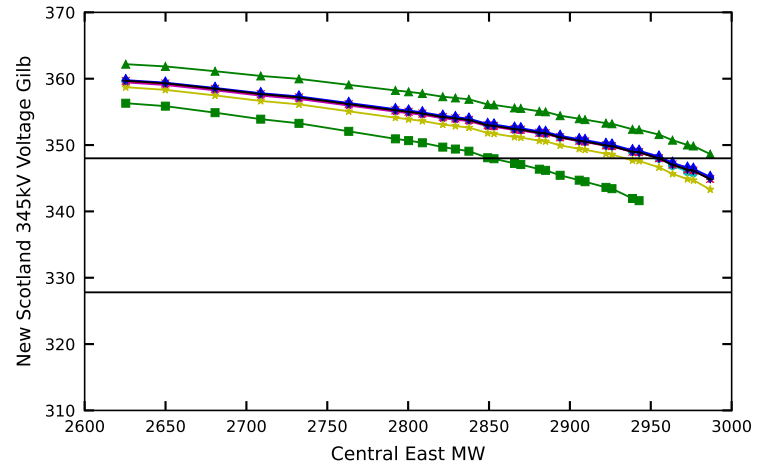
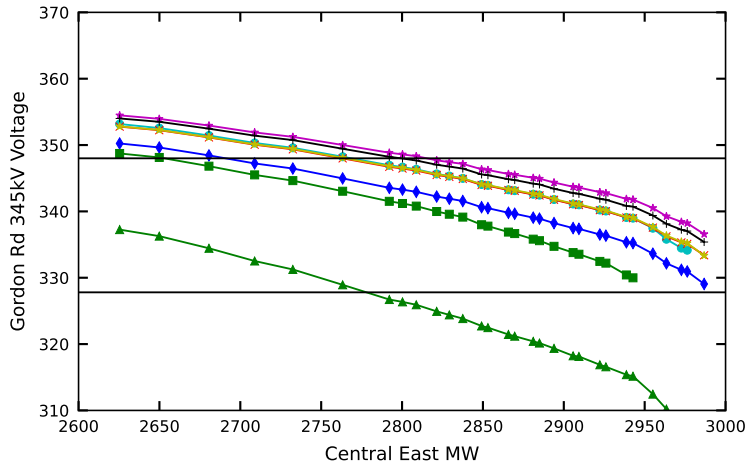
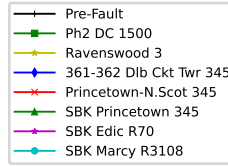
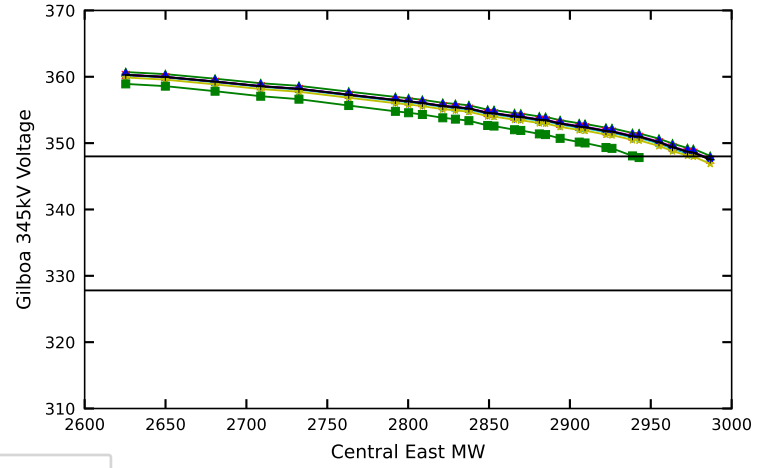
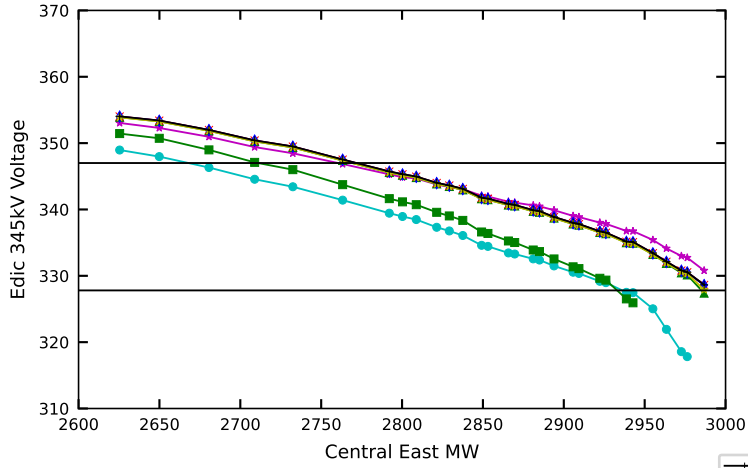
Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S Figure 1

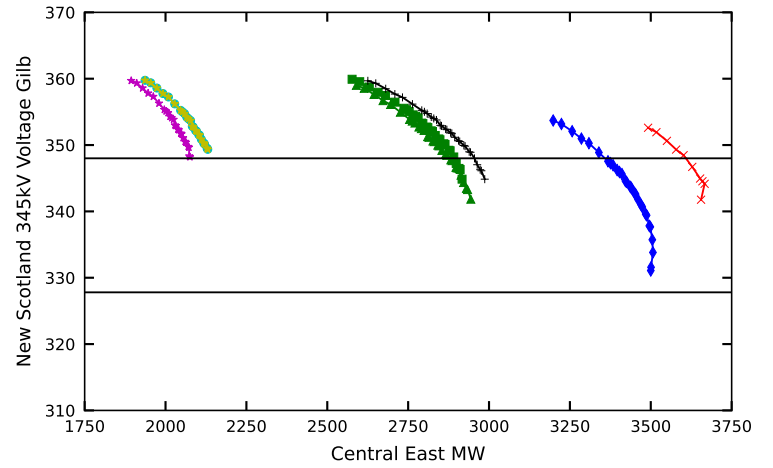
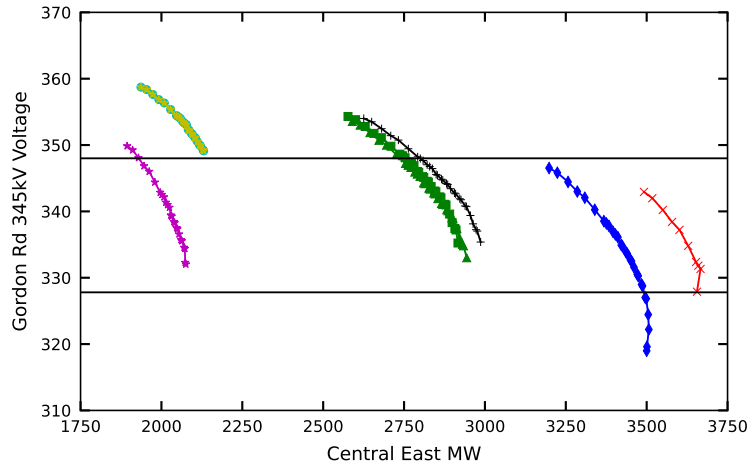
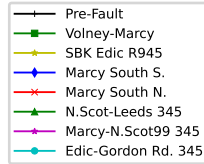
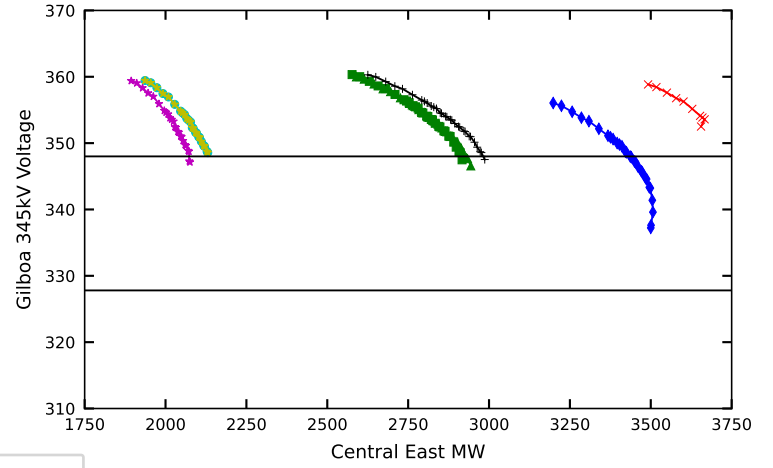
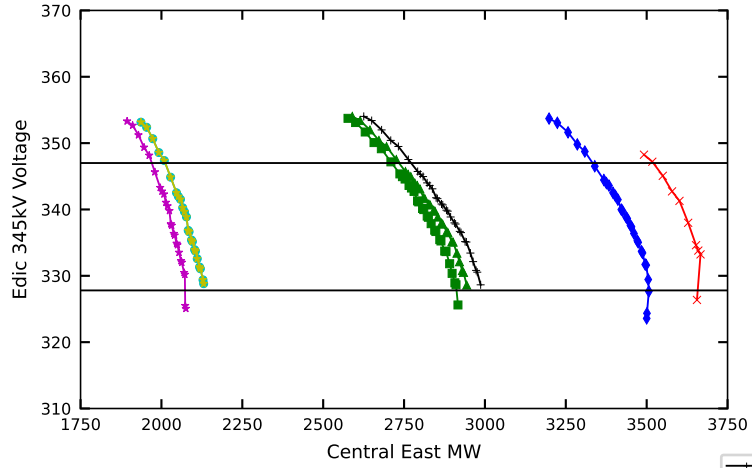


- +— Pre-Fault
- Volney-Marcy
- ◆— SBK Edic R945
- ◆— Marcy South S.
- x— Marcy South N.
- ▲— N.Scot-Leeds 345
- *— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

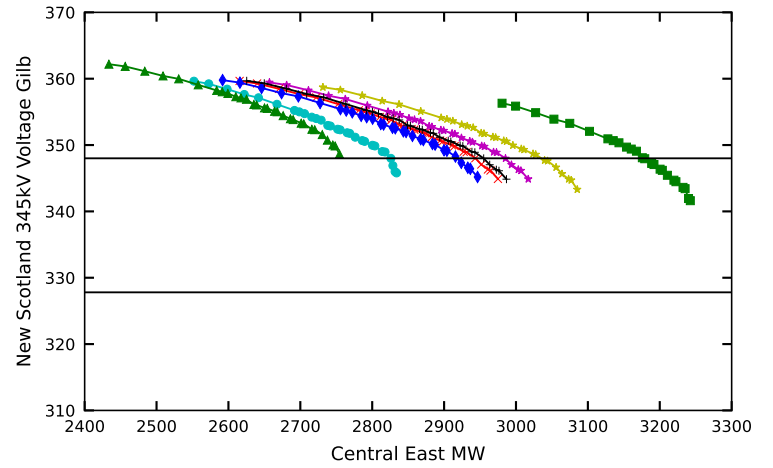
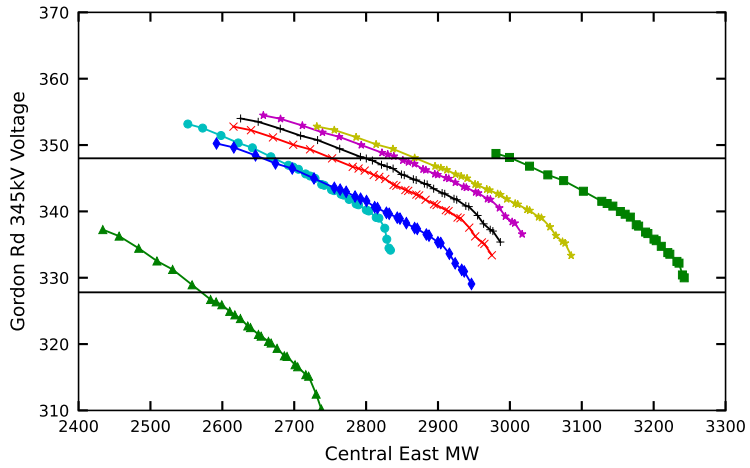
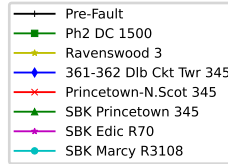
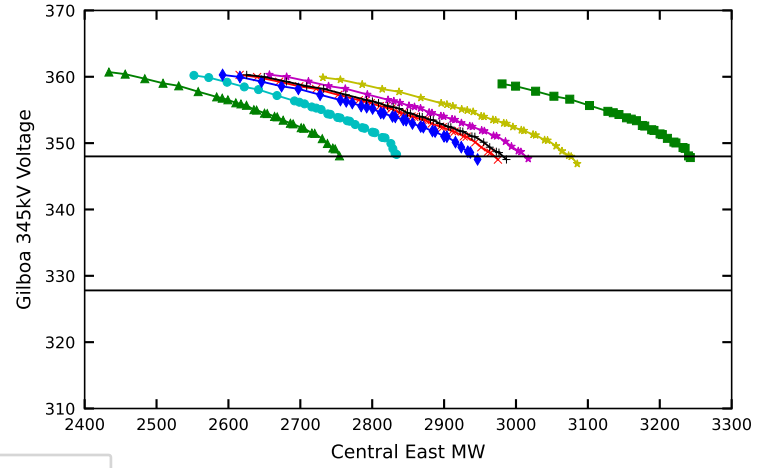
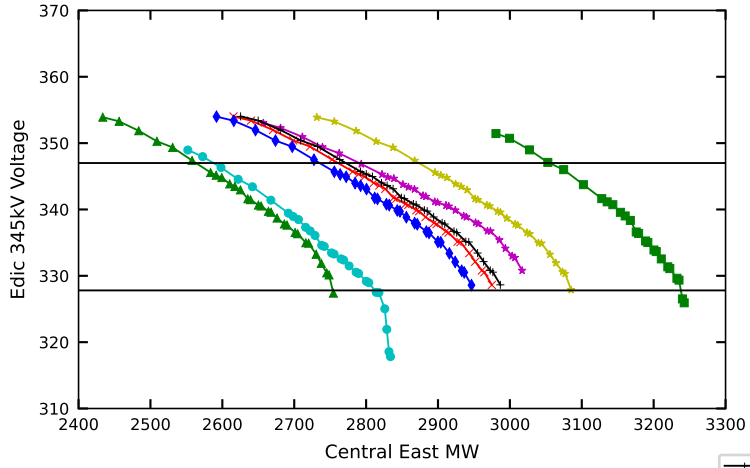
1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S Figure 2



1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S Figure 1



1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S

Interface: Central East

	8															
2976	t2	0	2	2	0	2	0	2	0	0	0	0	0	0	0	2
	9															
2986	t3	0	2	2	0	2	2	2	0	1	0	0	0	0	0	2
	0															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

SBK																																	
Edic																																	
R70																																	
ce30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SBK																																	
Princ																																	
etow																																	
n 345																																	
ce31)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Princ																																	
etow																																	
n-																																	
N.Sc																																	
ot																																	
345																																	
ce32)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
361-																																	
362																																	
Dlb																																	
Ckt																																	
Twr																																	
345																																	
log09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
)																																	
Rave																																	
nsw																																	
od 3																																	
log15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2
) Ph2																																	
DC																																	
1500																																	

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\0S\Sum2023_CEVC_PH2_50_0S.xlsx

1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
-549301 >E	Sprain Brook 345kV Voltage	Pre-Fault	133797.2	NA	348	-549301
2668	limit with 5% margin	Marcy South N.	NA	NA	NA	3483
2756	Marcy 345kV Voltage	Pre-Fault	15.5	NA	348	2756
2771	Edic 345kV Voltage	Pre-Fault	16.0	NA	347	2771
2777	Gordon Rd 345kV Voltage	SBK Princetown 345	13.0	327.8	348.8	2571
2779	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2024
2779	limit with 5% margin	SBK Edic R945	NA	NA	NA	2024
2795	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1971
2795	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3080
2799	Gordon Rd 345kV Voltage	Pre-Fault	32.4	NA	348	2799
2815	limit with 5% margin	Marcy South S.	NA	NA	NA	3331
2820	Millwood 345kV Voltage	Pre-Fault	73.2	NA	348	2820
2827	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2692
2837	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2796
2837	limit with 5% margin	Volney-Marcy	NA	NA	NA	2770
2837	limit with 5% margin	SBK Edic R70	NA	NA	NA	2866
2837	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2616
2837	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2826
2837	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2799
2837	limit with 5% margin	Ravenswood 3	NA	NA	NA	2930
2869 >E	Gordon Rd 345kV Voltage	Marcy South N.	17.3	327.8	345.5	3715
2872	Station 80 345kV Voltage	Pre-Fault	34.8	NA	346	2872
2880	Pannell Road 345kV Voltage	Pre-Fault	39.9	NA	346	2880
2889 >E	Edic 345kV Voltage	Marcy South N.	14.8	327.8	341.6	3731
2893 >E	Marcy 345kV Voltage	Marcy South N.	14.7	327.8	341.4	3735
2906	Clay 345kV Voltage	Pre-Fault	28.3	NA	345	2906
2914	Buchanan North 345kV Voltage	Pre-Fault	58.2	NA	346	2914
2929 >E	Marcy 345kV Voltage	SBK Edic R945	6.3	327.8	336.3	2132
2929 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	6.5	327.8	336.3	2132
2932 >E	Edic 345kV Voltage	SBK Edic R945	6.3	327.8	336.2	2134
2932	Edic 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	335.8	2072
2932 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	6.6	327.8	336.2	2134
2932	Edic 345kV Voltage	Ph2 DC 1500	4.5	327.8	335.8	3237
2933	Gordon Rd 345kV Voltage	Marcy South S.	7.3	327.8	341.2	3491
2933	Marcy 345kV Voltage	Ph2 DC 1500	4.5	327.8	335.6	3238
2935	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	335.5	2073
2936	Edic 345kV Voltage	SBK Marcy R3108	8.7	327.8	335.4	2811
2954	New Scotland 345kV Voltage Alps	Pre-Fault	13.4	NA	348	2954
2954	New Scotland 345kV Voltage Gilb	Pre-Fault	13.4	NA	348	2954

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2962 >E	Oakdale 345kV Voltage	Marcy South N.	12.4	320	342.0	3789
2962	Edic 345kV Voltage	Marcy South S.	4.7	327.8	332.2	3506
2963 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	9.4	327.8	340.2	3254
2964 >E	Marcy 345kV Voltage	Marcy South S.	4.7	327.8	332.0	3506
2973	Rock Tavern 345kV Voltage	Pre-Fault	25.4	NA	348	2973
2976	Clay 345kV Voltage	SBK Marcy R3108	4.7	327.8	340.1	2833
2979	Edic 345kV Voltage	Volney-Marcy	3.4	327.8	330.0	2912
2979	Oakdale 345kV Voltage	Pre-Fault	5.0	NA	335	2979
2980	Marcy 345kV Voltage	Volney-Marcy	3.4	327.8	329.8	2912
2981	Fraser 345kV Voltage	Pre-Fault	5.6	NA	338	2981
2982	Gilboa 345kV Voltage	Pre-Fault	10.0	NA	348	2982
2985	Edic 345kV Voltage	SBK Princetown 345	3.8	327.8	328.9	2753
2985	Pleasant Valley 345kV Voltage	Pre-Fault	21.3	NA	348	2985
2985	Marcy 345kV Voltage	SBK Princetown 345	3.8	327.8	328.8	2753
2987 >E	Edic 345kV Voltage	Ravenswood 3	4.3	327.8	328.6	3085
2987 >E	Marcy 345kV Voltage	Ravenswood 3	4.3	327.8	328.4	3085
2987 >E	Coopers Corners 345kV Voltage	Pre-Fault	8.2	NA	338	2987
2989 >E	New Scotland 345kV Voltage Alps	Marcy South S.	4.4	327.8	344.0	3512
2989 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	4.4	327.8	344.0	3512
2990 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	327.8	2947
2990 >E	Marcy 345kV Voltage	SBK Edic R70	5.5	327.8	327.8	3021
2990 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	327.8	2979
2990 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	5.5	327.8	327.8	2950
2991 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	5.5	327.8	327.9	2950
2991 >E	Edic 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	327.8	2947
2991 >E	Edic 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	327.8	2979
2993 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	5.5	327.8	334.3	2953
2995 >E	Clay 345kV Voltage	SBK Edic R945	7.0	327.8	341.7	2170
2996 >E	Clay 345kV Voltage	Marcy South N.	17.2	327.8	343.5	3818
2998 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	7.2	327.8	341.6	2170
2998 >E	Buchanan South 345kV Voltage	Pre-Fault	27.7	NA	346	2998
3002 >E	Edic 345kV Voltage	SBK Edic R70	5.4	327.8	325.7	3032
3005 >E	Ramapo 500kV Voltage	Ph2 DC 1500	26.1	500	507.2	3280
3008 >E	Clay 345kV Voltage	Volney-Marcy	3.4	327.8	335.1	2929
3012 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	16.5	327.8	339.0	2110
3012 >E	Marcy 345kV Voltage	SBK Marcy R3108	13.7	327.8	327.8	2854
3015 >E	Clay 345kV Voltage	Ph2 DC 1500	8.9	327.8	344.2	3286
3016 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	5.8	327.8	330.6	2972

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3017 >E	Gordon Rd 345kV Voltage	Ravenswood 3	5.6	327.8	330.5	3110
3017 >E	Coopers Corners 345kV Voltage	SBK Edic R945	13.2	327.8	341.9	2183
3018 >E	Gilboa 345kV Voltage	Marcy South S.	4.7	327.8	344.4	3519
3020 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	17.1	327.8	342.0	2113
3020 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	330.0	3008
3021 >E	Fraser 345kV Voltage	SBK Edic R945	8.9	327.8	341.3	2185
3021 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	13.7	327.8	341.9	2183
3025 >E	Oakdale 345kV Voltage	Volney-Marcy	3.8	320	325.9	2938
3025 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	9.3	327.8	341.1	2185
3026 >E	Clay 345kV Voltage	SBK Princetown 345	4.2	327.8	332.4	2777
3026 >E	Gordon Rd 345kV Voltage	Volney-Marcy	5.3	327.8	329.1	2939
3028 >E	Coopers Corners 345kV Voltage	Ravenswood 3	6.3	327.8	333.0	3119
3029 >E	Oakdale 345kV Voltage	SBK Edic R945	8.1	320	338.4	2190
3030 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	13.2	327.8	344.4	2119
3031 >E	Clay 345kV Voltage	Ravenswood 3	4.7	327.8	331.7	3121
3034 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	8.4	320	338.2	2190
3036 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	12.3	327.8	341.9	2122
3036 >E	Oakdale 345kV Voltage	SBK Marcy R3108	7.5	320	332.2	2868
3037 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.2	320	323.6	2783
3038 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	7.9	327.8	339.8	2869
3038 >E	Oakdale 345kV Voltage	Ravenswood 3	4.3	320	323.3	3127
3038 >E	Clay 345kV Voltage	Marcy South S.	6.9	327.8	332.9	3523
3039 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	327.8	2994
3039 >E	Fraser 345kV Voltage	SBK Edic R70	5.6	327.8	327.8	3068
3039 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	5.6	327.8	327.8	2997
3039 >E	Fraser 345kV Voltage	Ravenswood 3	5.6	327.8	327.8	3127
3039 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	5.6	327.8	327.8	3026
3039 >E	Fraser 345kV Voltage	Volney-Marcy	5.6	327.8	327.8	2947
3039 >E	Fraser 345kV Voltage	SBK Princetown 345	5.6	327.8	327.8	2784
3042 >E	Niagara 230kV East Voltage	Ph2 DC 1500	7.5	218.5	223.3	3302
3042 >E	Niagara 230kV West Voltage	Ph2 DC 1500	7.5	218.5	223.3	3302
3042 >E	Gordon Rd 345kV Voltage	SBK Edic R70	6.3	327.8	326.6	3071
3045 >E	Fraser 345kV Voltage	Marcy South S.	6.4	327.8	327.8	3525
3048 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	7.2	327.8	330.5	2790
3049 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	7.7	218.5	222.6	2128
3049 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	7.7	218.5	222.6	2128
3049 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	11.5	327.8	332.8	2875
3053 >E	Pannell Road 345kV Voltage	Volney-Marcy	6.0	327.8	335.1	2955
3053 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	320	320.3	3011

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3054 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	5.0	320	320.2	3008
3054 >E	Ramapo 345kV Voltage	Pre-Fault	27.1	NA	346	3054
3054 >E	Oakdale 345kV Voltage	Princeton-N.Scot 345	5.0	320	320.1	3042
3055 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	328.0	3012
3055 >E	Clay 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	327.9	3009
3055 >E	Clay 345kV Voltage	Princeton-N.Scot 345	6.5	327.8	327.8	3043
3057 >E	Oakdale 345kV Voltage	SBK Edic R70	5.1	320	319.5	3086
3060 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	12.8	320	340.2	2134
3061 >E	Clay 345kV Voltage	SBK Edic R70	6.6	327.8	327.0	3090
3063 >E	Coopers Corners 345kV Voltage	SBK Edic R70	8.2	327.8	328.8	3092
3065 >E	Coopers Corners 345kV Voltage	Volney-Marcy	7.4	327.8	328.5	2962
3065 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	8.0	327.8	328.5	3019
3066 >E	Leeds 345kV Voltage	Marcy South S.	5.5	327.8	348.3	3530
3067 >E	St.Lawrence 230kV Voltage	Pre-Fault	29.2	NA	225	3067
3067 >E	Station 80 345kV Voltage	Volney-Marcy	6.6	327.8	334.5	2963
3068 >E	Station 80 345kV Voltage	SBK Marcy R3108	9.5	327.8	339.4	2886
3068 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	8.1	327.8	328.1	3025
3070 >E	Coopers Corners 345kV Voltage	Princeton-N.Scot 345	8.1	327.8	327.9	3057
3077 >E	Oakdale 345kV Voltage	Marcy South S.	6.5	320	320.2	3532
3077 >E	Oakdale 345kV Voltage	Ph2 DC 1500	9.5	320	340.1	3323
3078 >E	Station 80 345kV Voltage	Marcy South N.	18.7	327.8	338.5	3883
3079 >E	Pannell Road 345kV Voltage	SBK Princeton 345	7.3	327.8	332.7	2807
3079 >E	Pannell Road 345kV Voltage	SBK Edic R945	11.7	327.8	340.7	2218
3083 >E	Pannell Road 345kV Voltage	Marcy South N.	20.4	327.8	340.3	3887
3084 >E	Fraser 345kV Voltage	Ph2 DC 1500	9.6	327.8	341.1	3327
3084 >E	Pannell Road 345kV Voltage	Ravenswood 3	7.9	327.8	332.2	3164
3085 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	12.2	327.8	340.5	2218
3087 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	7.2	327.8	332.6	3040
3087 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	7.2	327.8	332.6	3040
3092 >E	Ladentown 345kV Voltage	Pre-Fault	27.8	NA	346	3092
3092 >E	Station 80 345kV Voltage	SBK Princeton 345	8.0	327.8	332.3	2815
3096 >E	Station 80 345kV Voltage	Ravenswood 3	8.5	327.8	332.0	3173
3101 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	7.4	327.8	330.9	3178
3101 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	7.4	327.8	330.9	3178
3104 >E	Pannell Road 345kV Voltage	Marcy South S.	10.2	327.8	331.6	3538
3106 >E	Leeds 345kV Voltage	Pre-Fault	14.4	NA	345	3106
3109 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	7.2	327.8	330.0	2987
3109 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	7.2	327.8	330.0	2987
3112 >E	Ramapo 500kV Voltage	Ravenswood 3	53.7	500	506.6	3187

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3114 >E	Dunwoodie 345kV Voltage	Marcy South S.	10.2	327.8	330.1	3541
3114 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	12.5	327.8	345.8	3346
3114 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	12.5	327.8	345.8	3346
3116 >E	Pleasant Valley 345kV Voltage	Marcy South S.	9.5	327.8	339.8	3541
3118 >E	Sprain Brook 345kV Voltage	Marcy South S.	10.3	327.8	330.1	3541
3118 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	14.4	327.8	341.0	3348
3118 >E	Station 80 345kV Voltage	Marcy South S.	10.7	327.8	330.8	3541
3119 >E	Station 80 345kV Voltage	SBK Edic R945	14.0	327.8	340.1	2241
3121 >E	Dunwoodie 345kV Voltage	Marcy South N.	17.6	327.8	325.0	3918
3127 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	8.2	327.8	327.8	3154
3127 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	8.2	327.8	327.8	3154
3127 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	14.6	327.8	339.9	2241
3128 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	8.3	327.8	327.6	3115
3128 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	8.3	327.8	327.6	3115
3129 >E	Roseton 345kV Voltage	Pre-Fault	24.8	NA	345	3129
3130 >E	Sprain Brook 345kV Voltage	Marcy South N.	18.0	327.8	324.8	3925
3131 >E	St.Lawrence 230kV Voltage	Volney-Marcy	17.2	218.5	222.8	3000
3131 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	10.8	327.8	327.9	3086
3131 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	10.8	327.8	327.9	3082
3132 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	10.9	327.8	327.8	3119
3133 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	8.4	327.8	327.0	3087
3133 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	8.4	327.8	327.0	3087
3134 >E	Ramapo 500kV Voltage	SBK Edic R945	36.8	500	505.0	2250
3137 >E	Pannell Road 345kV Voltage	SBK Edic R70	11.0	327.8	327.4	3165
3139 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	37.8	500	504.9	2248
3142 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	11.2	327.8	327.9	3096
3142 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	11.2	327.8	327.9	3092
3142 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	11.2	327.8	327.8	3129
3146 >E	Station 80 345kV Voltage	SBK Edic R70	11.4	327.8	327.5	3173
3148 >E	Fraser 345kV Voltage	SBK Marcy R3108	15.4	327.8	327.8	2933
3152 >E	Dunwoodie 345kV Voltage	Ravenswood 3	21.8	327.8	337.1	3219
3153 >E	Sprain Brook 345kV Voltage	Ravenswood 3	21.7	327.8	337.2	3220
3153 >E	Millwood 345kV Voltage	Marcy South S.	11.0	327.8	331.3	3549
3154 >E	Ramapo 500kV Voltage	Marcy South S.	27.0	500	502.6	3550
3158 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	41.7	500	505.5	2182
3164 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	8.5	327.8	323.2	2857
3164 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	8.5	327.8	323.2	2857

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3165 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	9.5	327.8	329.6	3114
3168 >E	Bowline 1 345kV Voltage	Pre-Fault	28.2	NA	345	3168
3169 >E	Gilboa 345kV Voltage	Ravenswood 3	9.6	327.8	329.2	3232
3170 >E	Rock Tavern 345kV Voltage	Ravenswood 3	11.9	327.8	337.5	3233
3170 >E	New Scotland 345kV Voltage Alps	Marcy South N.	22.1	327.8	343.4	3958
3170 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	22.1	327.8	343.4	3958
3173 >E	Gilboa 345kV Voltage	Volney-Marcy	9.5	327.8	328.7	3024
3174 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	20.5	218.5	221.3	2862
3176 >E	Buchanan North 345kV Voltage	Ravenswood 3	18.5	327.8	337.4	3238
3180 >E	Bowline 2 345kV Voltage	Pre-Fault	28.1	NA	345	3180
3181 >E	St.Lawrence 230kV Voltage	Ravenswood 3	22.1	218.5	221.1	3242
3183 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	10.0	327.8	327.8	3169
3184 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	10.0	327.8	327.7	3137
3184 >E	Gilboa 345kV Voltage	SBK Edic R70	10.0	327.8	327.7	3210
3188 >E	Gilboa 345kV Voltage	SBK Princetown 345	9.9	327.8	327.3	2870
3191 >E	Millwood 345kV Voltage	Ravenswood 3	19.2	327.8	337.4	3251
3198 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	16.3	327.8	324.3	2962
3205 >E	St.Lawrence 230kV Voltage	Marcy South S.	24.6	218.5	221.2	3561
3209 >E	Buchanan South 345kV Voltage	Marcy South S.	12.3	327.8	329.8	3562
3221 >E	Buchanan South 345kV Voltage	Ravenswood 3	18.7	327.8	338.0	3275
3226 >E	Buchanan North 345kV Voltage	Marcy South S.	13.7	327.8	327.0	3566
3235 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	33.4	218.5	228.3	3419
3256 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	34.5	218.5	223.8	2994
3257 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	29.3	218.5	218.5	3243
3258 >E	Ramapo 500kV Voltage	Marcy South N.	53.7	500	495.5	4028
3258 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	29.3	218.5	218.4	3209
3259 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	29.4	218.5	218.4	3204
3260 >E	Ramapo 345kV Voltage	Ravenswood 3	17.3	327.8	338.4	3306
3261 >E	Somerset 345kV Voltage	Pre-Fault	21.9	NA	338	3261
3264 >E	Roseton 345kV Voltage	Marcy South S.	12.9	327.8	336.1	3575
3266 >E	St.Lawrence 230kV Voltage	SBK Edic R945	32.9	218.5	226.1	2326
3269 >E	Fraser 345kV Voltage	Marcy South N.	18.4	327.8	327.8	4037
3270 >E	Gilboa 345kV Voltage	Ph2 DC 1500	16.4	327.8	346.8	3440
3271 >E	Somerset 345kV Voltage	Volney-Marcy	13.0	327.8	337.6	3080
3273 >E	Ramapo 500kV Voltage	SBK Marcy R3108	41.3	500	500.1	3005
3276 >E	St.Lawrence 230kV Voltage	SBK Edic R70	31.4	218.5	217.8	3301
3280 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	34.3	218.5	226.0	2325
3283 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	17.6	327.8	334.0	3325
3283 >E	Ladentown 345kV Voltage	Ravenswood 3	17.8	327.8	339.1	3325

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3286 >E	Millwood 345kV Voltage	Marcy South N.	23.2	327.8	322.9	4051
3306 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	18.3	327.8	331.5	3023
3306 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	18.3	327.8	331.5	3023
3310 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	16.9	327.8	330.0	2941
3314 >E	Bowline 1 345kV Voltage	Ravenswood 3	17.9	327.8	339.8	3350
3322 >E	Bowline 2 345kV Voltage	Ravenswood 3	17.9	327.8	340.0	3356
3334 >E	Niagara 230kV East Voltage	Marcy South N.	36.9	218.5	224.1	4090
3334 >E	Niagara 230kV West Voltage	Marcy South N.	36.9	218.5	224.1	4090
3335 >E	Somerset 345kV Voltage	SBK Princetown 345	15.5	327.8	334.7	2955
3337 >E	Rock Tavern 345kV Voltage	Volney-Marcy	17.8	327.8	328.6	3119
3339 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	18.3	327.8	328.5	3281
3345 >E	Somerset 345kV Voltage	Ravenswood 3	16.5	327.8	334.2	3375
3345 >E	Somerset 345kV Voltage	SBK Marcy R3108	17.7	327.8	343.3	3046
3345 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	41.5	218.5	227.8	2275
3346 >E	Rock Tavern 345kV Voltage	SBK Edic R70	18.8	327.8	328.1	3370
3350 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	18.7	327.8	327.9	3297
3352 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	18.7	327.8	327.8	3336
3353 >E	Roseton 345kV Voltage	Ravenswood 3	18.4	327.8	336.0	3382
3354 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	14.4	327.8	327.8	3339
3354 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	14.4	327.8	327.8	3295
3354 >E	Leeds 345kV Voltage	SBK Princetown 345	14.4	327.8	327.8	2966
3354 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	14.4	327.8	327.8	3301
3354 >E	Leeds 345kV Voltage	Ravenswood 3	14.4	327.8	327.8	3383
3354 >E	Leeds 345kV Voltage	Volney-Marcy	14.4	327.8	327.8	3129
3354 >E	Leeds 345kV Voltage	SBK Edic R70	14.4	327.8	327.8	3377
3354 >E	Gilboa 345kV Voltage	SBK Edic R945	20.7	327.8	342.3	2377
3369 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	21.4	327.8	342.0	2375
3376 >E	Watercure 230kV Voltage	SBK Edic R945	20.4	207	225.2	2390
3382 >E	Ladentown 345kV Voltage	Marcy South S.	16.5	327.8	324.6	3602
3383 >E	Watercure 230kV Voltage	SBK Marcy R3108	18.1	207	222.4	3068
3389 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	20.4	327.8	329.1	3328
3394 >E	Gordon Rd 345kV Voltage	SBK Edic R945	22.0	327.8	323.6	2400
3394 >E	Gardenville 230kV Voltage	Ph2 DC 1500	17.3	207	221.0	3515
3397 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	21.4	207	224.9	2390
3397 >E	Ramapo 345kV Voltage	Marcy South S.	17.5	327.8	324.3	3605
3403 >E	Buchanan North 345kV Voltage	Marcy South N.	28.7	327.8	318.2	4145
3408 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	22.4	327.8	336.3	2408
3408 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	22.4	327.8	336.3	2408
3408 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	22.6	327.8	323.1	2395

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3409 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	20.8	327.8	328.1	3160
3414 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	21.3	327.8	327.9	3436
3417 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	21.4	327.8	327.7	3401
3421 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	21.5	327.8	327.6	3365
3422 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	23.1	327.8	335.9	2404
3422 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	23.1	327.8	335.9	2404
3423 >E	Buchanan South 345kV Voltage	Marcy South N.	27.2	327.8	319.8	4161
3424 >E	Buchanan North 345kV Voltage	SBK Princetown 345	27.0	327.8	328.7	3006
3427 >E	Bowline 1 345kV Voltage	Marcy South S.	17.1	327.8	323.5	3612
3430 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	27.7	327.8	328.5	3367
3430 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	21.3	327.8	327.1	3010
3433 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	19.0	207	219.9	2319
3435 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	31.5	327.8	328.4	3372
3436 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	31.3	327.8	328.5	3373
3436 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	26.8	327.8	328.6	3373
3438 >E	Buchanan North 345kV Voltage	Volney-Marcy	27.6	327.8	328.2	3177
3445 >E	Rock Tavern 345kV Voltage	Marcy South S.	16.9	327.8	317.9	3616
3446 >E	Buchanan North 345kV Voltage	SBK Edic R70	28.6	327.8	327.9	3467
3450 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	28.6	327.8	327.8	3433
3450 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	28.6	327.8	327.8	3393
3452 >E	Dunwoodie 345kV Voltage	SBK Edic R70	32.6	327.8	327.9	3473
3454 >E	Sprain Brook 345kV Voltage	SBK Edic R70	32.4	327.8	327.9	3475
3455 >E	Millwood 345kV Voltage	Volney-Marcy	27.2	327.8	327.9	3187
3455 >E	Millwood 345kV Voltage	SBK Princetown 345	27.1	327.8	327.9	3024
3455 >E	Millwood 345kV Voltage	SBK Edic R70	27.8	327.8	327.9	3476
3456 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	31.9	327.8	327.8	3025
3456 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	31.7	327.8	327.8	3025
3456 >E	Somerset 345kV Voltage	Marcy South S.	21.4	327.8	331.6	3618
3456 >E	Dunwoodie 345kV Voltage	Volney-Marcy	32.2	327.8	327.8	3188
3457 >E	Sprain Brook 345kV Voltage	Volney-Marcy	32.0	327.8	327.8	3188
3457 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	32.7	327.8	327.8	3440
3458 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	32.5	327.8	327.8	3441
3459 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	32.7	327.8	327.7	3402
3459 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	27.8	327.8	327.8	3443
3460 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	32.6	327.8	327.7	3403
3461 >E	Bowline 2 345kV Voltage	Marcy South S.	18.1	327.8	321.8	3620
3461 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr	27.9	327.8	327.7	3404

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3464 >E	Somerset 345kV Voltage	Marcy South N.	29.5	327.8	340.4	4194
3467 >E	Watercure 230kV Voltage	Ph2 DC 1500	24.2	207	232.0	3558
3480 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	26.8	327.8	328.6	3415
3480 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	27.8	327.8	344.2	2342
3483 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	21.9	327.8	327.9	3425
3483 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	21.9	327.8	327.9	3419
3485 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	21.9	327.8	327.8	3468
3488 >E	Buchanan South 345kV Voltage	SBK Princetown 345	26.7	327.8	328.3	3044
3489 >E	Somerset 345kV Voltage	SBK Edic R70	22.2	327.8	327.6	3510
3494 >E	Gilboa 345kV Voltage	SBK Marcy R3108	25.3	327.8	329.5	3132
3495 >E	Buchanan South 345kV Voltage	Volney-Marcy	27.0	327.8	328.1	3210
3499 >E	Somerset 345kV Voltage	SBK Edic R945	25.9	327.8	343.7	2460
3499 >E	Buchanan South 345kV Voltage	SBK Edic R70	27.7	327.8	327.9	3520
3504 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	27.8	327.8	327.8	3487
3505 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	27.8	327.8	327.7	3447
3506 >E	Ramapo 345kV Voltage	SBK Princetown 345	25.2	327.8	329.3	3054
3523 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	27.0	327.8	343.3	2459
3526 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	26.3	327.8	328.6	3460
3529 >E	Ramapo 345kV Voltage	Volney-Marcy	26.0	327.8	328.5	3230
3536 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	24.1	327.8	328.6	3469
3537 >E	Roseton 345kV Voltage	SBK Princetown 345	23.8	327.8	328.6	3071
3543 >E	Ramapo 345kV Voltage	SBK Edic R70	27.1	327.8	328.0	3562
3544 >E	Roseton 345kV Voltage	Volney-Marcy	24.1	327.8	328.3	3238
3547 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	27.1	327.8	327.8	3487
3547 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	27.1	327.8	327.8	3530
3552 >E	Roseton 345kV Voltage	SBK Edic R70	24.8	327.8	327.9	3572
3556 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	24.8	327.8	327.8	3538
3557 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	24.8	327.8	327.7	3497
3558 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	30.2	327.8	337.9	2381
3558 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	30.2	327.8	337.9	2381
3559 >E	Ladentown 345kV Voltage	SBK Princetown 345	26.0	327.8	329.2	3084
3573 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	26.9	327.8	328.7	3504
3579 >E	Ladentown 345kV Voltage	Volney-Marcy	26.7	327.8	328.5	3258
3581 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	39.9	327.8	343.8	3627
3590 >E	Coopers Corners 345kV Voltage	Marcy South N.	24.8	327.8	302.7	4296
3592 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	31.7	327.8	347.7	3634

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3593 >E	Ladentown 345kV Voltage	SBK Edic R70	27.7	327.8	328.0	3611
3598 >E	Pleasant Valley 345kV Voltage	Marcy South N.	35.0	327.8	326.8	4302
3598 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	27.8	327.8	327.8	3580
3598 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	27.8	327.8	327.8	3536
3608 >E	Gilboa 345kV Voltage	Marcy South N.	31.0	327.8	333.0	4310
3610 >E	Bowline 1 345kV Voltage	SBK Princeton 345	26.4	327.8	329.3	3113
3611 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	30.4	327.8	322.8	3199
3621 >E	Bowline 2 345kV Voltage	SBK Princeton 345	26.3	327.8	329.4	3120
3626 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	27.3	327.8	328.8	3555
3629 >E	Leeds 345kV Voltage	Ph2 DC 1500	25.8	327.8	350.5	3656
3632 >E	Bowline 1 345kV Voltage	Volney-Marcy	27.1	327.8	328.6	3289
3633 >E	Rock Tavern 345kV Voltage	SBK Edic R945	36.4	327.8	345.6	2537
3637 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	27.2	327.8	328.8	3566
3642 >E	Bowline 2 345kV Voltage	Volney-Marcy	27.0	327.8	328.6	3295
3648 >E	Bowline 1 345kV Voltage	SBK Edic R70	28.2	327.8	328.0	3665
3653 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	28.2	327.8	327.8	3634
3653 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	28.2	327.8	327.8	3589
3657 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	33.9	207	231.9	2431
3658 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	37.7	327.8	345.5	2534
3659 >E	Bowline 2 345kV Voltage	SBK Edic R70	28.1	327.8	328.0	3676
3662 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	63.5	327.8	394.3	3676
3664 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	28.1	327.8	327.8	3645
3664 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	28.2	327.8	327.8	3600
3690 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	36.3	327.8	348.1	3693
3694 >E	Coopers Corners 345kV Voltage	Marcy South S.	19.2	327.8	256.5	3673
3715 >E	Ramapo 345kV Voltage	Ph2 DC 1500	37.8	327.8	347.8	3708
3729 >E	Ramapo 500kV Voltage	SBK Princeton 345	106.3	500	503.1	3182
3740 >E	Rock Tavern 345kV Voltage	Marcy South N.	32.6	327.8	305.2	4417
3740 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	42.0	327.8	346.9	3723
3747 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	43.7	327.8	347.3	2475
3754 >E	Millwood 345kV Voltage	Ph2 DC 1500	45.7	327.8	346.0	3732
3759 >E	Ramapo 500kV Voltage	Volney-Marcy	108.1	500	503.0	3363
3773 >E	Ladentown 345kV Voltage	Ph2 DC 1500	38.1	327.8	349.1	3743
3794 >E	Watercure 230kV Voltage	Volney-Marcy	33.5	207	229.9	3383
3803 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	55.5	327.8	343.9	3761
3804 >E	Niagara 345kV Voltage	Volney-Marcy	28.0	327.8	341.1	3389
3815 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	56.4	327.8	343.9	3768
3831 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	37.9	327.8	350.6	3778

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3848 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	37.9	327.8	351.0	3789
3850 >E	Roseton 345kV Voltage	Marcy South N.	38.6	327.8	319.5	4506
3850 >E	St.Lawrence 230kV Voltage	Marcy South N.	84.6	218.5	224.6	4506
3939 >E	Niagara 230kV East Voltage	Volney-Marcy	67.5	218.5	226.0	3466
3939 >E	Niagara 230kV West Voltage	Volney-Marcy	67.5	218.5	226.0	3466
3945 >E	Niagara 230kV East Voltage	SBK Marcy R3108	70.0	218.5	227.2	3391
3945 >E	Niagara 230kV West Voltage	SBK Marcy R3108	70.0	218.5	227.2	3391
3946 >E	Ladentown 345kV Voltage	Marcy South N.	42.8	327.8	307.4	4583
3949 >E	Roseton 345kV Voltage	Ph2 DC 1500	42.7	327.8	350.4	3850
3952 >E	Niagara 345kV Voltage	SBK Marcy R3108	34.1	327.8	346.0	3395
3954 >E	Rainey 345kV Voltage	Marcy South S.	38.0	327.8	332.4	3732
3958 >E	Leeds 345kV Voltage	Marcy South N.	40.3	327.8	333.8	4592
3962 >E	Niagara 345kV Voltage	Pre-Fault	50.5	NA	338	3962
3976 >E	Ramapo 345kV Voltage	Marcy South N.	45.4	327.8	305.2	4607
3983 >E	Farragut 345kV Voltage	Marcy South S.	39.9	327.8	332.4	3739
3990 >E	Niagara 345kV Voltage	SBK Princetown 345	34.2	327.8	337.4	3333
3997 >E	Rainey 345kV Voltage	Ravenswood 3	52.1	327.8	344.2	3903
4026 >E	Niagara 345kV Voltage	Marcy South N.	43.0	327.8	343.7	4647
4034 >E	Niagara 345kV Voltage	Ravenswood 3	36.4	327.8	336.6	3933
4038 >E	Buchanan North 345kV Voltage	SBK Edic R945	65.9	327.8	340.6	2771
4061 >E	Farragut 345kV Voltage	Ravenswood 3	55.0	327.8	343.6	3955
4072 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	67.9	327.8	340.4	2762
4073 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	152.8	500	501.2	3983
4075 >E	Niagara 230kV East Voltage	Pre-Fault	140.0	NA	225	4075
4075 >E	Niagara 230kV West Voltage	Pre-Fault	140.0	NA	225	4075
4116 >E	Ramapo 345kV Voltage	SBK Edic R945	56.8	327.8	344.4	2816
4124 >E	Leeds 345kV Voltage	SBK Marcy R3108	43.8	327.8	327.8	3494
4155 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	58.6	327.8	344.2	2807
4187 >E	Bowline 1 345kV Voltage	Marcy South N.	49.0	327.8	300.3	4777
4188 >E	Bowline 2 345kV Voltage	Marcy South N.	48.3	327.8	304.9	4778
4197 >E	Niagara 230kV East Voltage	SBK Princetown 345	85.3	218.5	224.1	3452
4197 >E	Niagara 230kV West Voltage	SBK Princetown 345	85.3	218.5	224.1	3452
4222 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	77.8	327.8	341.9	2712
4248 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	173.4	500	500.2	4163
4261 >E	Niagara 230kV East Voltage	Ravenswood 3	91.7	218.5	223.7	4117
4261 >E	Niagara 230kV West Voltage	Ravenswood 3	91.7	218.5	223.7	4117
4273 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	175.8	500	500.1	4248
4278 >E	Gardenville 230kV Voltage	Marcy South N.	59.7	207	221.1	4851
4282 >E	Ramapo 500kV Voltage	Pre-Fault	176.6	NA	500	4282
4283 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	76.9	327.8	322.7	3586

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4298 >E	Ladentown 345kV Voltage	SBK Edic R945	60.8	327.8	345.2	2920
4301 >E	Ramapo 500kV Voltage	SBK Edic R70	180.6	500	499.9	4306
4307 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	66.8	327.8	346.1	2754
4317 >E	Goethals 345kV Voltage	Marcy South S.	53.4	327.8	332.4	3815
4328 >E	Watercure 230kV Voltage	SBK Princetown 345	54.1	207	228.2	3527
4340 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	62.7	327.8	345.0	2909
4343 >E	Watercure 230kV Voltage	Ravenswood 3	55.7	207	228.1	4183
4365 >E	Niagara 345kV Voltage	Marcy South S.	47.3	327.8	333.0	3825
4375 >E	Niagara 345kV Voltage	SBK Edic R945	50.8	327.8	346.5	2965
4387 >E	Bowline 1 345kV Voltage	SBK Edic R945	60.5	327.8	346.4	2972
4415 >E	Bowline 2 345kV Voltage	SBK Edic R945	60.5	327.8	346.7	2988
4433 >E	Roseton 345kV Voltage	SBK Marcy R3108	61.1	327.8	323.4	3672
4434 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	62.5	327.8	346.1	2961
4436 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	53.0	327.8	346.0	2961
4462 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	62.4	327.8	346.4	2976
4471 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	50.4	327.8	327.9	4364
4472 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	50.4	327.8	327.9	4379
4476 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	50.5	327.8	327.8	4448
4496 >E	Niagara 345kV Voltage	SBK Edic R70	51.4	327.8	327.4	4497
4508 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	72.8	327.8	325.4	3715
4519 >E	Ramapo 345kV Voltage	SBK Marcy R3108	71.6	327.8	320.3	3722
4527 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	71.8	327.8	347.0	2863
4536 >E	Goethals 345kV Voltage	Ravenswood 3	73.8	327.8	342.8	4340
4544 >E	Niagara 230kV East Voltage	SBK Edic R945	111.2	218.5	228.4	3062
4544 >E	Niagara 230kV West Voltage	SBK Edic R945	111.2	218.5	228.4	3062
4560 >E	Buchanan South 345kV Voltage	SBK Edic R945	82.2	327.8	343.1	3072
4610 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	84.7	327.8	342.9	3058
4613 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	116.0	218.5	228.2	3059
4613 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	116.0	218.5	228.2	3059
4633 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	71.5	327.8	348.4	2916
4655 >E	Niagara 230kV East Voltage	Marcy South S.	118.6	218.5	222.1	3892
4655 >E	Niagara 230kV West Voltage	Marcy South S.	118.6	218.5	222.1	3892
4660 >E	Rainey 345kV Voltage	Pre-Fault	106.6	NA	338	4660
4667 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	71.5	327.8	348.7	2933
4684 >E	Farragut 345kV Voltage	Pre-Fault	111.6	NA	338	4684
4693 >E	Gardenville 230kV Voltage	SBK Marcy R3108	65.1	207	224.8	3822
4712 >E	Ladentown 345kV Voltage	SBK Marcy R3108	75.9	327.8	320.0	3832
4735 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	90.3	327.8	321.5	3846
4844 >E	Millwood 345kV Voltage	SBK Marcy R3108	104.7	327.8	321.9	3909
4850 >E	Rainey 345kV Voltage	Marcy South N.	75.8	327.8	322.4	5311

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4851 >E	Roseton 345kV Voltage	SBK Edic R945	79.3	327.8	344.7	3239
4873 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	77.5	327.8	319.1	3925
4875 >E	Millwood 345kV Voltage	SBK Edic R945	104.6	327.8	342.6	3253
4881 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	99.2	327.8	345.1	3040
4894 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	76.9	327.8	319.1	3937
4909 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	81.6	327.8	344.4	3222
4936 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	107.9	327.8	342.5	3237
4940 >E	Farragut 345kV Voltage	Marcy South N.	80.7	327.8	322.4	5384
4974 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	139.3	218.5	218.6	4845
4974 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	139.3	218.5	218.6	4845
4976 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	139.5	218.5	218.6	4865
4976 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	139.5	218.5	218.6	4865
4982 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	139.9	218.5	218.5	4950
4982 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	139.9	218.5	218.5	4950
5010 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	133.1	327.8	322.1	4004
5023 >E	Niagara 230kV East Voltage	SBK Edic R70	143.3	218.5	218.2	5013
5023 >E	Niagara 230kV West Voltage	SBK Edic R70	143.3	218.5	218.2	5013
5048 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	136.6	327.8	322.0	4026
5129 >E	Sprain Brook 345kV Voltage	SBK Edic R945	136.3	327.8	341.5	3399
5197 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	140.5	327.8	341.4	3381
5205 >E	Dunwoodie 345kV Voltage	SBK Edic R945	141.7	327.8	341.6	3443
5254 >E	Goethals 345kV Voltage	Pre-Fault	150.7	NA	338	5254
5278 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	146.2	327.8	341.6	3425
5296 >E	Leeds 345kV Voltage	SBK Edic R945	84.0	327.8	327.8	3495
5296 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	84.0	327.8	327.8	3435
5323 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	129.5	327.8	345.1	3259
5324 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	99.8	327.8	347.6	3260
5349 >E	Gardenville 230kV Voltage	SBK Edic R945	92.7	207	227.7	3526
5358 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	106.6	327.8	339.4	3531
5414 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	109.1	327.8	339.2	3500
5478 >E	Watercure 230kV Voltage	Marcy South N.	141.8	207	245.9	5817
5489 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	98.1	207	227.3	3541
5632 >E	Goethals 345kV Voltage	Marcy South N.	108.7	327.8	322.5	5942
5637 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	102.5	327.8	328.8	5479
5655 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	169.8	327.8	343.9	3424
5695 >E	Rainey 345kV Voltage	SBK Princetown 345	104.2	327.8	328.3	4316
5707 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	107.3	327.8	328.8	5545
5718 >E	Rainey 345kV Voltage	Volney-Marcy	105.2	327.8	328.1	4494
5741 >E	Rainey 345kV Voltage	SBK Edic R70	106.5	327.8	327.9	5717

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5752 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	106.8	327.8	327.8	5712
5757 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	177.0	327.8	344.1	3475
5762 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	107.1	327.8	327.7	5623
5768 >E	Farragut 345kV Voltage	SBK Princetown 345	109.1	327.8	328.3	4358
5790 >E	Farragut 345kV Voltage	Volney-Marcy	110.1	327.8	328.1	4536
5816 >E	Farragut 345kV Voltage	SBK Edic R70	111.5	327.8	327.9	5791
5827 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	111.8	327.8	327.8	5786
5837 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	112.1	327.8	327.7	5695
6239 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	146.2	327.8	342.7	3715
6636 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	144.7	327.8	328.8	6434
6718 >E	Goethals 345kV Voltage	SBK Princetown 345	147.4	327.8	328.3	4905
6727 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	136.5	327.8	327.7	3958
6749 >E	Goethals 345kV Voltage	Volney-Marcy	148.7	327.8	328.1	5089
6786 >E	Goethals 345kV Voltage	SBK Edic R70	150.6	327.8	327.8	6741
6799 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	151.0	327.8	327.7	6748
6811 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	151.4	327.8	327.7	6634
7039 >E	Rainey 345kV Voltage	Ph2 DC 1500	156.9	327.8	354.3	5713
7044 >E	Farragut 345kV Voltage	Ph2 DC 1500	160.2	327.8	353.8	5716
7598 >E	Gardenville 230kV Voltage	Volney-Marcy	171.5	207	248.0	5580
8102 >E	Goethals 345kV Voltage	Ph2 DC 1500	203.3	327.8	354.0	6354
8490 >E	Watercure 230kV Voltage	Pre-Fault	315.9	NA	215	8490
9327 >E	Northport 138kV Voltage	Ravenswood 3	510.3	131.1	135.3	8221
9575 >E	Northport 138kV Voltage	Pre-Fault	746.2	NA	135	9575
10366 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	291.2	207	209.1	10064
10542 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	297.8	207	208.5	10171
10822 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	308.5	207	207.6	10730
12199 >E	Northport 138kV Voltage	N.Scot-Leeds 345	724.1	131.1	131.5	11756
12412 >E	Northport 138kV Voltage	SBK Princetown 345	739.8	131.1	131.2	8188
12471 >E	Northport 138kV Voltage	Volney-Marcy	744.6	131.1	131.1	8395
12472 >E	Northport 138kV Voltage	SBK Edic R70	745.4	131.1	131.1	12315
12506 >E	Northport 138kV Voltage	Princetown-N.Scot 345	747.9	131.1	131.1	12397

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
12520	Watercure 230kV Voltage	SBK Edic R70	373.7	207	202.2	12363
>E						
12538	Northport 138kV Voltage	361-362 D1b Ckt Twr 345	750.3	131.1	131.0	12159
>E						
13728	Rainey 345kV Voltage	SBK Marcy R3108	411.3	327.8	319.5	9021
>E						
13743	Rainey 345kV Voltage	SBK Edic R945	409.8	327.8	350.9	8360
>E						
13747	Farragut 345kV Voltage	SBK Edic R945	418.2	327.8	350.4	8362
>E						
13782	Farragut 345kV Voltage	SBK Marcy R3108	421.5	327.8	319.8	9052
>E						
14117	Rainey 345kV Voltage	Edic-Gordon Rd. 345	424.0	327.8	350.8	8293
>E						
14130	Farragut 345kV Voltage	Edic-Gordon Rd. 345	433.0	327.8	350.2	8299
>E						
14810	Gardenville 230kV Voltage	SBK Princetown 345	438.4	207	269.6	9571
>E						
15880	Farragut 345kV Voltage	Marcy-N.Scot99 345	501.1	327.8	354.0	8511
>E						
15945	Rainey 345kV Voltage	Marcy-N.Scot99 345	493.7	327.8	354.6	8543
>E						
16888	Northport 138kV Voltage	Ph2 DC 1500	1101.2	131.1	145.9	11654
>E						
17385	Goethals 345kV Voltage	SBK Edic R945	564.7	327.8	351.9	10457
>E						
17513	Gardenville 230kV Voltage	Ravenswood 3	540.1	207	277.7	14851
>E						
17867	Goethals 345kV Voltage	Edic-Gordon Rd. 345	583.5	327.8	351.8	10357
>E						
17938	Goethals 345kV Voltage	SBK Marcy R3108	588.4	327.8	320.3	11443
>E						
19959	Goethals 345kV Voltage	Marcy-N.Scot99 345	665.7	327.8	355.5	10539
>E						
40190	Gardenville 230kV Voltage	Marcy South S.	1402.5	207	283.7	11988
>E						
82805	Northport 138kV Voltage	SBK Marcy R3108	6255.5	131.1	124.4	48771
>E						
97358	Northport 138kV Voltage	SBK Edic R945	7426.3	131.1	155.8	56515
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

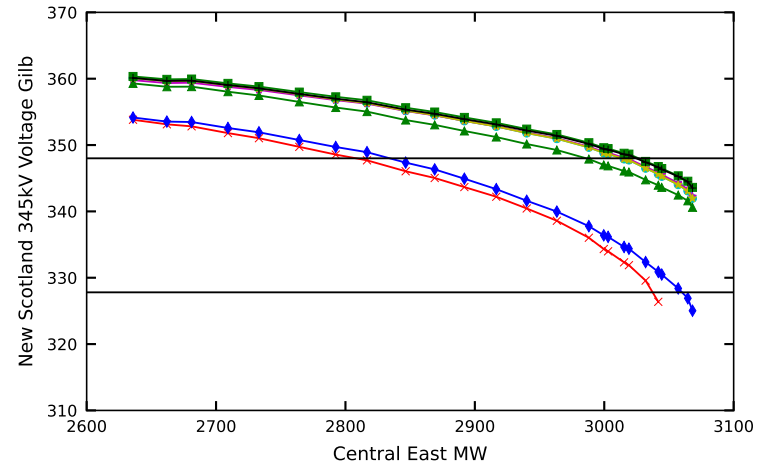
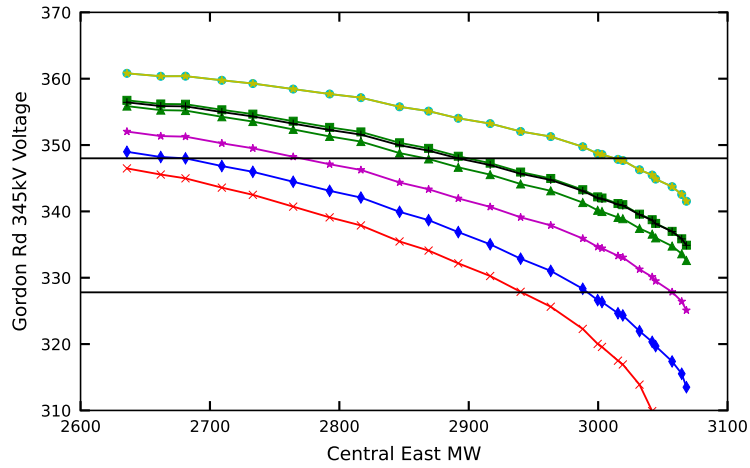
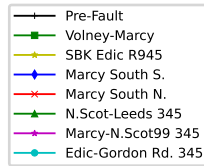
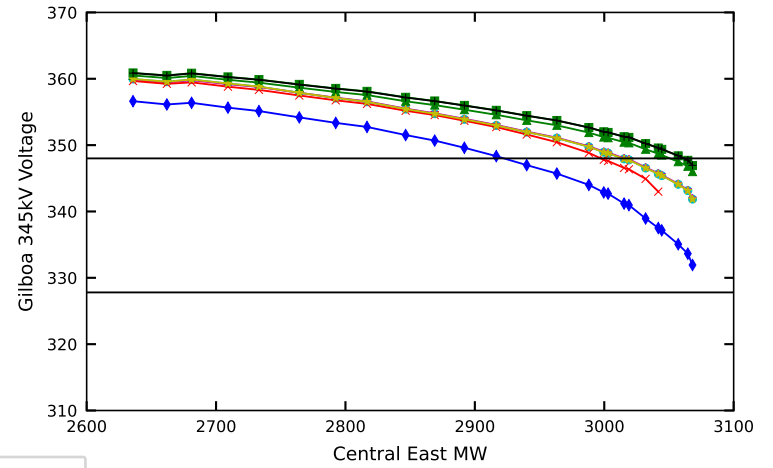
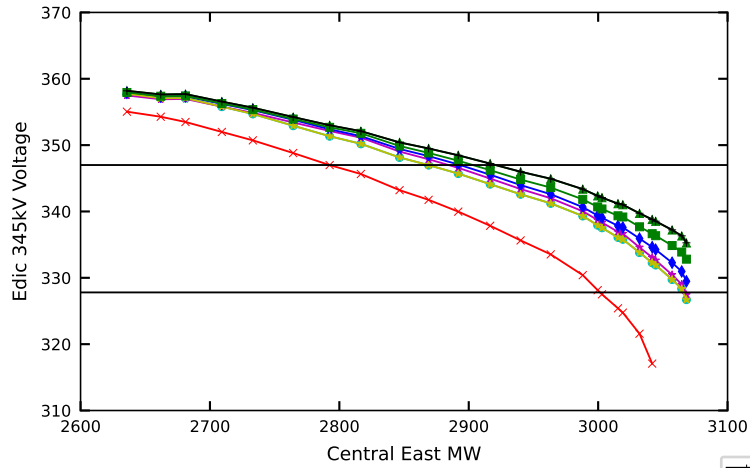
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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 0S

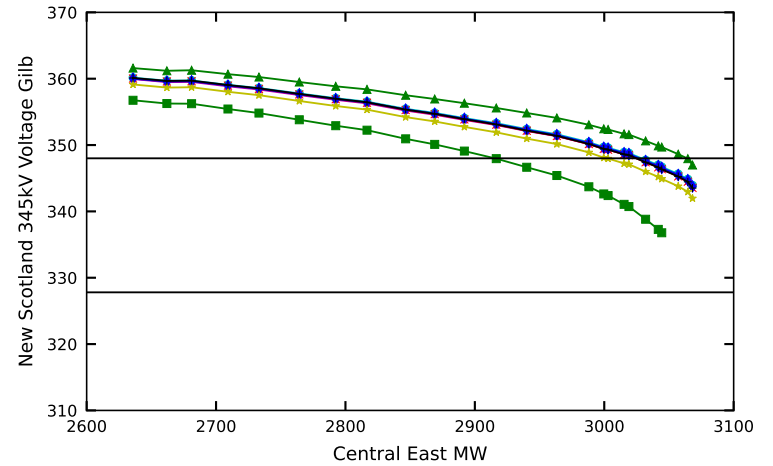
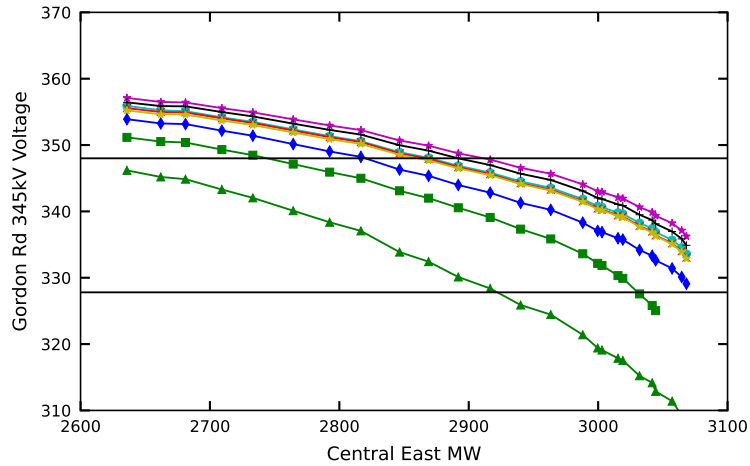
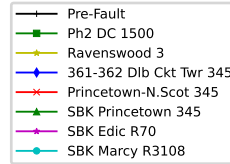
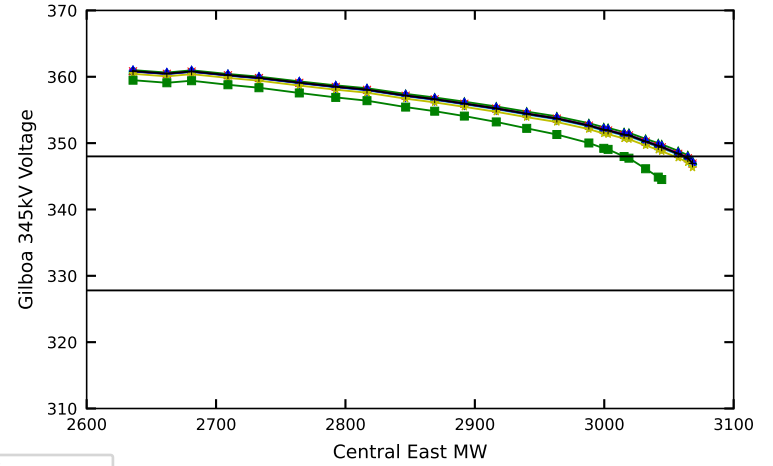
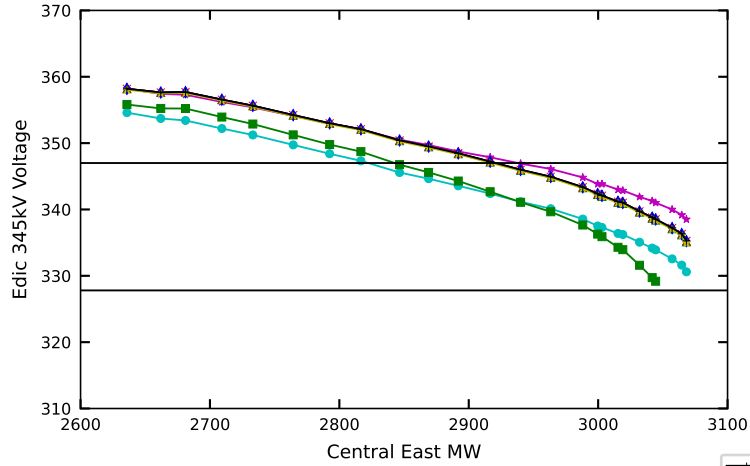
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Dunwoodie 345kV Voltage	Pre-Fault	NA	NA	348	99998
99998 >E	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
99998 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	361-362 D1b Ckt Twr 345	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Station 80 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ph2 DC 1500	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
99999 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99999
99999 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

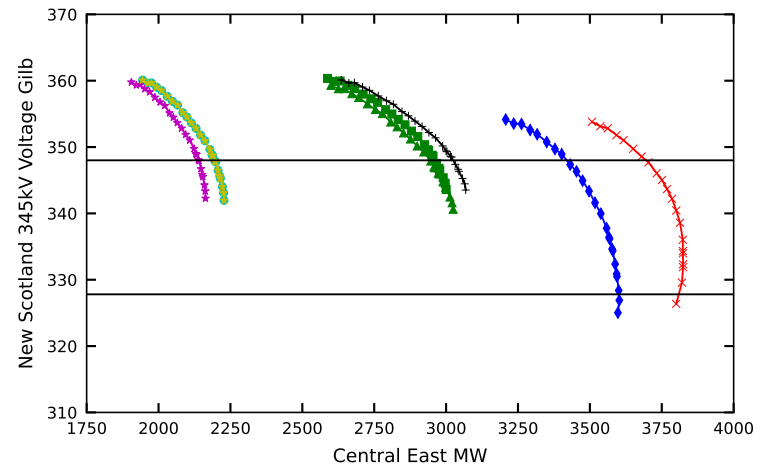
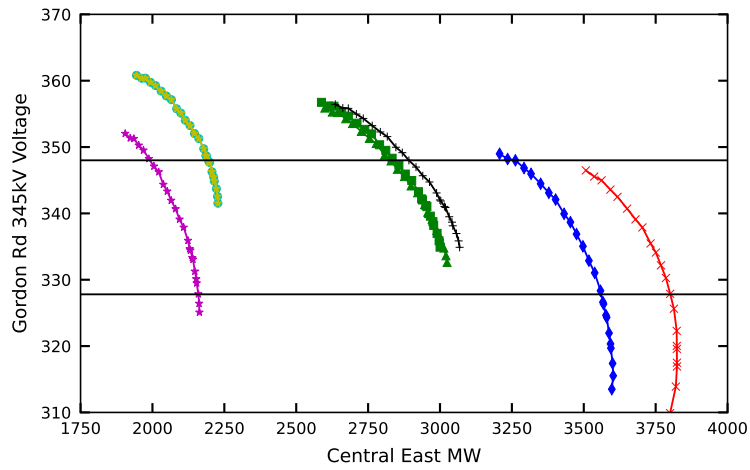
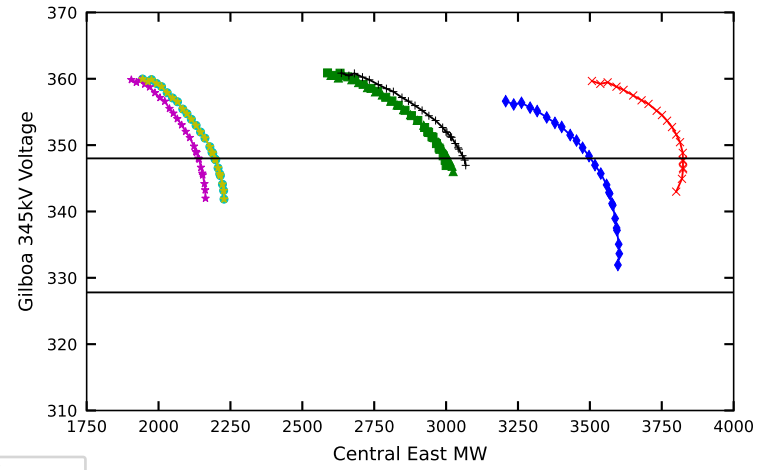
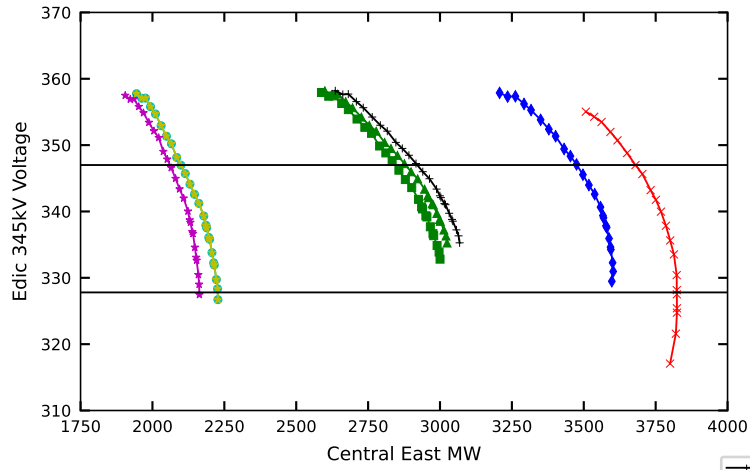
1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS Figure 1



1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS Figure 2

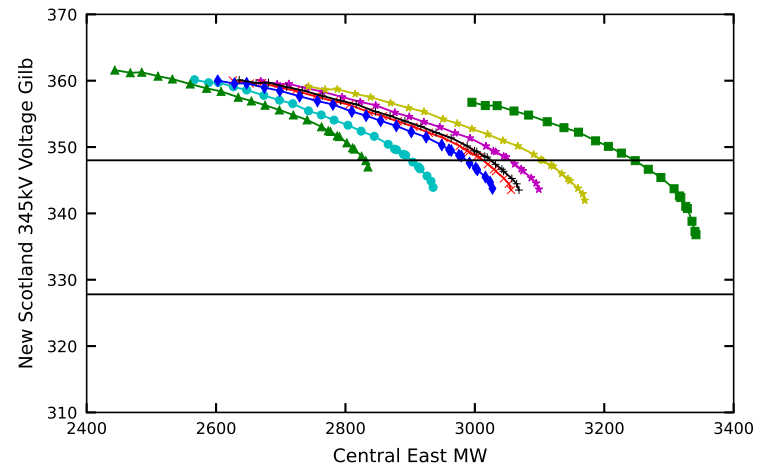
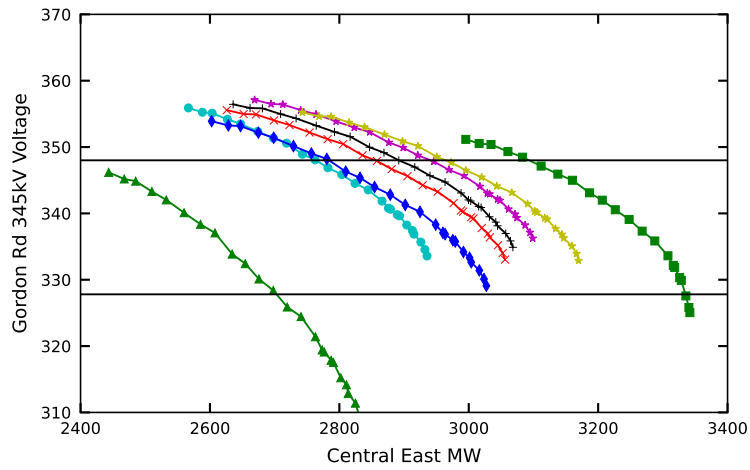
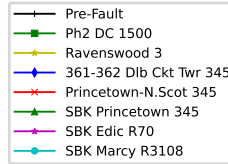
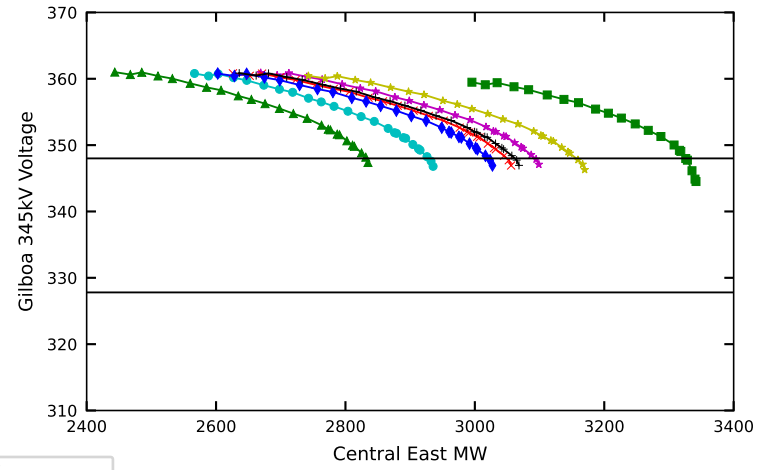
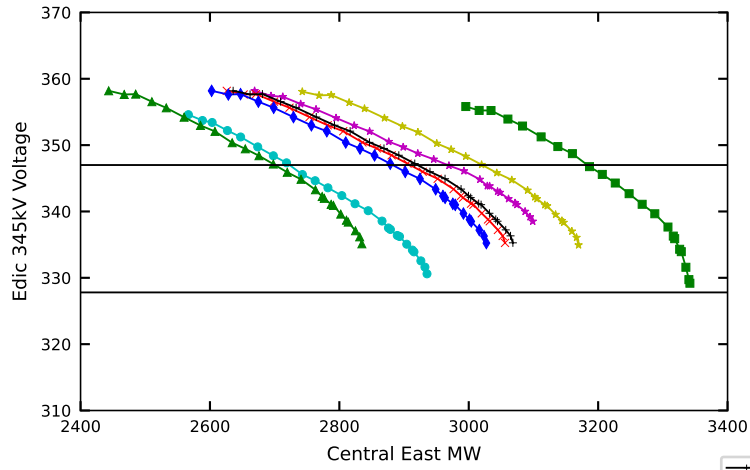


1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS Figure 1



- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\0VW_CAPS\Sum2023_CEVC_Ph2_50_0VW_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2635	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2661	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2681	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2709	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2733	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2764	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2792	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2816	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2846	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2868	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2891	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2916	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2940	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2963	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2988	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
2999	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
3002	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7															
3015	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8															
3019	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9															
3031	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
3041	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
3044	t2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	2															
3057	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	3															
3064	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	4															
3068	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-15-2023 20:39

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\0VW_CAPS\Sum2023_CEVC_PH2_5O_0VW_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 5O 0VW_CAPS

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\0VW_CAPS\Sum2023_CEVC_Ph2_5O_0VW_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 5O 0VW_CAPS

Interface: Central East

Dlb Ckt Twr 345																								
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ravens wood 3																								
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Ph2 DC 1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2408 <E	Dunwoodie 345kV Voltage	Pre-Fault	91.7	NA	348	2408
2419 <E	Sprain Brook 345kV Voltage	Pre-Fault	91.5	NA	348	2419
2754	Millwood 345kV Voltage	Pre-Fault	134.7	NA	348	2754
2868	limit with 5% margin	Marcy South N.	NA	NA	NA	3632
2891	Gordon Rd 345kV Voltage	Pre-Fault	19.7	NA	348	2891
2892	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3174
2900	Marcy 345kV Voltage	Pre-Fault	19.4	NA	348	2900
2911	limit with 5% margin	Marcy South S.	NA	NA	NA	3422
2914	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2116
2914	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2055
2914	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2873
2914	limit with 5% margin	SBK Edic R945	NA	NA	NA	2116
2914	limit with 5% margin	Volney-Marcy	NA	NA	NA	2850
2914	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2788
2914	limit with 5% margin	SBK Edic R70	NA	NA	NA	2943
2914	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2693
2914	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2903
2914	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2875
2914	limit with 5% margin	Ravenswood 3	NA	NA	NA	3011
2919	Buchanan North 345kV Voltage	Pre-Fault	83.5	NA	346	2919
2920	Edic 345kV Voltage	Pre-Fault	19.2	NA	347	2920
2922	Gordon Rd 345kV Voltage	SBK Princetown 345	9.4	327.8	346.7	2702
2940	Gordon Rd 345kV Voltage	Marcy South N.	10.4	327.8	345.6	3800
2979	Pleasant Valley 345kV Voltage	Pre-Fault	36.2	NA	348	2979
2991	Gordon Rd 345kV Voltage	Marcy South S.	6.7	327.8	342.8	3560
3001	Edic 345kV Voltage	Marcy South N.	5.3	327.8	342.2	3823
3002	Marcy 345kV Voltage	Marcy South N.	5.3	327.8	342.0	3823
3024	New Scotland 345kV Voltage Alps	Pre-Fault	12.0	NA	348	3024
3024	New Scotland 345kV Voltage Gilb	Pre-Fault	12.0	NA	348	3024
3028	Buchanan South 345kV Voltage	Pre-Fault	31.6	NA	346	3028
3029	Rock Tavern 345kV Voltage	Pre-Fault	18.2	NA	348	3029
3030	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.5	327.8	339.6	3334
3039 >E	Oakdale 345kV Voltage	Marcy South N.	8.2	320	345.6	3824
3051 >E	Edic 345kV Voltage	Ph2 DC 1500	4.9	327.8	337.8	3345
3051 >E	Marcy 345kV Voltage	Ph2 DC 1500	4.9	327.8	337.7	3345
3054	Coopers Corners 345kV Voltage	SBK Edic R945	6.3	327.8	339.7	2220
3054	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.3	327.8	339.7	2220
3054 >E	Ramapo 500kV Voltage	Ph2 DC 1500	12.8	500	507.0	3347
3055 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.8	327.8	347.2	3825
3055 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.8	327.8	347.2	3825

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3056	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.3	327.8	339.5	2159
3057	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.2	327.8	336.9	2159
3060	New Scotland 345kV Voltage Alps	Marcy South S.	5.0	327.8	344.9	3601
3060	New Scotland 345kV Voltage Gilb	Marcy South S.	5.0	327.8	344.9	3601
3061	Gilboa 345kV Voltage	Pre-Fault	11.0	NA	348	3061
3063	Marcy 345kV Voltage	SBK Edic R945	5.3	327.8	336.3	2225
3063	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	336.3	2225
3065	Edic 345kV Voltage	SBK Edic R945	2.2	327.8	336.0	2226
3065	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.2	327.8	336.0	2226
3066	Coopers Corners 345kV Voltage	Pre-Fault	3.2	NA	338	3066
3067	Edic 345kV Voltage	Marcy-N.Scot99 345	2.3	327.8	335.5	2163
3068 >E	Ramapo 345kV Voltage	Pre-Fault	3.0	NA	346	3068
3069 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	2.3	327.8	334.7	2163
3070 >E	Fraser 345kV Voltage	SBK Edic R945	1.9	327.8	338.0	2228
3070 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	1.9	327.8	338.0	2228
3070 >E	Fraser 345kV Voltage	Pre-Fault	3.1	NA	338	3070
3070 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	2.0	327.8	337.8	2164
3072 >E	Ladentown 345kV Voltage	Pre-Fault	3.1	NA	346	3072
3072 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	3.6	327.8	333.6	3031
3073 >E	Ramapo 500kV Voltage	Ravenswood 3	4.5	500	505.3	3174
3077 >E	Oakdale 345kV Voltage	Pre-Fault	2.5	NA	335	3077
3078 >E	Edic 345kV Voltage	SBK Marcy R3108	3.6	327.8	332.4	2944
3079 >E	Station 80 345kV Voltage	Pre-Fault	8.1	NA	346	3079
3080 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	4.1	500	504.0	2166
3080 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	4.1	500	503.9	2232
3080 >E	Ramapo 500kV Voltage	SBK Edic R945	4.1	500	503.9	2232
3080 >E	Bowline 2 345kV Voltage	Pre-Fault	2.9	NA	345	3080
3081 >E	Bowline 1 345kV Voltage	Pre-Fault	3.2	NA	345	3081
3081 >E	Dunwoodie 345kV Voltage	Ravenswood 3	2.9	327.8	335.5	3181
3081 >E	Oakdale 345kV Voltage	SBK Edic R945	1.8	320	333.5	2232
3081 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	1.8	320	333.5	2232
3081 >E	Sprain Brook 345kV Voltage	Ravenswood 3	2.9	327.8	335.5	3181
3082 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	1.8	320	333.2	2167
3082 >E	Edic 345kV Voltage	Marcy South S.	5.6	327.8	334.2	3607
3083 >E	Marcy 345kV Voltage	Marcy South S.	5.6	327.8	333.9	3607
3083 >E	Coopers Corners 345kV Voltage	Ravenswood 3	2.8	327.8	332.5	3183
3084 >E	Pannell Road 345kV Voltage	Pre-Fault	7.6	NA	346	3084
3085 >E	Edic 345kV Voltage	Volney-Marcy	3.4	327.8	330.3	3015
3085 >E	Marcy 345kV Voltage	Volney-Marcy	3.3	327.8	330.1	3015
3085 >E	Roseton 345kV Voltage	Pre-Fault	4.9	NA	345	3085

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3085 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.6	327.8	330.3	3042
3085 >E	Gordon Rd 345kV Voltage	Ravenswood 3	3.5	327.8	330.1	3185
3087 >E	Buchanan North 345kV Voltage	Ravenswood 3	2.6	327.8	334.9	3186
3087 >E	Gordon Rd 345kV Voltage	Princeton-N.Scot 345	3.7	327.8	329.7	3075
3089 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	3.8	327.8	329.1	2954
3090 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	2.9	327.8	330.2	2855
3091 >E	Millwood 345kV Voltage	Ravenswood 3	3.0	327.8	335.3	3189
3091 >E	Marcy 345kV Voltage	Ravenswood 3	3.2	327.8	328.4	3189
3091 >E	Edic 345kV Voltage	Ravenswood 3	3.2	327.8	328.6	3189
3091 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	5.2	327.8	341.0	3368
3091 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	5.2	327.8	341.0	3368
3093 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	327.8	3050
3093 >E	Marcy 345kV Voltage	SBK Marcy R3108	3.4	327.8	327.8	2957
3093 >E	Marcy 345kV Voltage	SBK Edic R70	3.4	327.8	327.8	3128
3093 >E	Marcy 345kV Voltage	SBK Princetown 345	3.4	327.8	327.8	2857
3093 >E	Marcy 345kV Voltage	Princeton-N.Scot 345	3.4	327.8	327.8	3081
3093 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.4	327.8	327.8	3052
3093 >E	Edic 345kV Voltage	SBK Princetown 345	3.4	327.8	327.9	2858
3093 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.4	327.8	327.8	3053
3093 >E	Edic 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	327.8	3051
3093 >E	Edic 345kV Voltage	Princeton-N.Scot 345	3.4	327.8	327.8	3081
3094 >E	Clay 345kV Voltage	Pre-Fault	5.6	NA	345	3094
3094 >E	Coopers Corners 345kV Voltage	SBK Edic R70	3.0	327.8	329.2	3129
3095 >E	Gordon Rd 345kV Voltage	Volney-Marcy	3.8	327.8	327.7	3024
3095 >E	Gilboa 345kV Voltage	Marcy South S.	5.2	327.8	345.0	3610
3095 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	328.8	3052
3095 >E	Leeds 345kV Voltage	Pre-Fault	4.2	NA	345	3095
3096 >E	Buchanan South 345kV Voltage	Ravenswood 3	2.9	327.8	335.3	3193
3096 >E	Ramapo 500kV Voltage	SBK Princetown 345	4.7	500	500.7	2860
3096 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	3.1	327.8	328.3	3056
3097 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	2.6	327.8	331.3	2238
3097 >E	Buchanan North 345kV Voltage	SBK Edic R945	2.6	327.8	331.3	2238
3098 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	4.9	500	500.4	3055
3098 >E	Coopers Corners 345kV Voltage	Princeton-N.Scot 345	3.1	327.8	328.0	3085
3098 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	2.6	327.8	331.1	2172
3099 >E	Ramapo 500kV Voltage	SBK Edic R70	4.9	500	500.2	3135
3099 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	4.9	500	500.2	3058

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3099 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	5.0	500	500.1	3087
3099 >E	Ramapo 500kV Voltage	Volney-Marcy	5.1	500	500.0	3029
3099 >E	Ramapo 500kV Voltage	Pre-Fault	5.0	NA	500	3099
3100 >E	Ramapo 500kV Voltage	SBK Marcy R3108	5.2	500	499.8	2964
3101 >E	Rock Tavern 345kV Voltage	SBK Edic R945	2.7	327.8	335.9	2239
3101 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	335.9	2239
3101 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	6.9	327.8	337.3	3374
3101 >E	Dunwoodie 345kV Voltage	SBK Edic R945	3.0	327.8	329.3	2239
3101 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	329.3	2239
3101 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.1	327.8	327.8	3059
3101 >E	Fraser 345kV Voltage	SBK Marcy R3108	3.1	327.8	327.8	2964
3101 >E	Fraser 345kV Voltage	SBK Edic R70	3.1	327.8	327.8	3138
3101 >E	Fraser 345kV Voltage	Ravenswood 3	3.1	327.8	327.8	3198
3101 >E	Fraser 345kV Voltage	Volney-Marcy	3.1	327.8	327.8	3031
3101 >E	Fraser 345kV Voltage	SBK Princetown 345	3.1	327.8	327.8	2865
3101 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	3.1	327.8	327.8	3089
3101 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.1	327.8	327.8	3061
3102 >E	Sprain Brook 345kV Voltage	SBK Edic R945	3.0	327.8	329.3	2239
3102 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	329.3	2239
3102 >E	Coopers Corners 345kV Voltage	Volney-Marcy	3.4	327.8	326.7	3031
3102 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	329.0	2173
3102 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	335.7	2173
3102 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	329.1	2173
3102 >E	Gordon Rd 345kV Voltage	SBK Edic R70	4.1	327.8	325.7	3139
3104 >E	Ramapo 345kV Voltage	Ravenswood 3	2.7	327.8	334.4	3200
3105 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	3.2	327.8	328.1	3062
3105 >E	Dunwoodie 345kV Voltage	SBK Edic R70	3.2	327.8	328.0	3142
3105 >E	Oakdale 345kV Voltage	SBK Marcy R3108	2.5	320	323.8	2968
3106 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	3.2	327.8	328.1	3063
3106 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	3.2	327.8	327.8	3065
3106 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	3.2	327.8	327.8	3094
3106 >E	Sprain Brook 345kV Voltage	SBK Edic R70	3.2	327.8	328.1	3143
3106 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	3.1	327.8	327.8	2870
3106 >E	Buchanan North 345kV Voltage	SBK Princetown 345	2.8	327.8	328.3	2870
3106 >E	Ladentown 345kV Voltage	Ravenswood 3	2.8	327.8	335.0	3202
3106 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	2.8	327.8	328.3	3064
3106 >E	Buchanan North 345kV Voltage	SBK Edic R70	2.8	327.8	328.2	3144
3106 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	3.2	327.8	327.8	3066

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3106 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	3.2	327.8	327.8	2870
3106 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	3.2	327.8	327.8	3094
3107 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	327.8	327.9	3066
3107 >E	Rock Tavern 345kV Voltage	Ravenswood 3	3.0	327.8	334.2	3203
3107 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	2.9	327.8	327.9	3095
3107 >E	Dunwoodie 345kV Voltage	Volney-Marcy	3.3	327.8	327.4	3036
3107 >E	Gilboa 345kV Voltage	SBK Edic R945	2.8	327.8	338.3	2241
3107 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	338.3	2241
3108 >E	Sprain Brook 345kV Voltage	Volney-Marcy	3.3	327.8	327.4	3037
3108 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	2.6	327.8	332.8	2241
3108 >E	Ramapo 345kV Voltage	SBK Edic R945	2.6	327.8	332.8	2241
3108 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	2.9	327.8	338.1	2175
3109 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	3.1	327.8	330.0	2242
3109 >E	Millwood 345kV Voltage	SBK Edic R945	3.1	327.8	330.0	2242
3109 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	3.3	327.8	326.9	2971
3109 >E	Buchanan North 345kV Voltage	Volney-Marcy	3.0	327.8	327.3	3038
3109 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	2.6	327.8	332.6	2175
3109 >E	Bowline 2 345kV Voltage	Ravenswood 3	2.6	327.8	335.1	3205
3109 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	3.1	327.8	329.7	2175
3109 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	3.4	327.8	326.9	2972
3110 >E	Oakdale 345kV Voltage	Ravenswood 3	2.4	320	322.0	3206
3110 >E	Fraser 345kV Voltage	Ph2 DC 1500	5.5	327.8	336.6	3379
3110 >E	Oakdale 345kV Voltage	Volney-Marcy	2.6	320	322.0	3038
3110 >E	Buchanan South 345kV Voltage	SBK Edic R945	2.9	327.8	330.8	2242
3110 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	2.9	327.8	330.8	2242
3111 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	3.0	327.8	326.7	2973
3111 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	2.9	327.8	330.6	2176
3111 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.5	320	321.3	2875
3112 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	3.7	327.8	323.4	2974
3112 >E	Bowline 1 345kV Voltage	Ravenswood 3	2.9	327.8	335.2	3208
3113 >E	Clay 345kV Voltage	Marcy South N.	8.0	327.8	350.6	3828
3113 >E	Ladentown 345kV Voltage	SBK Edic R945	2.7	327.8	332.6	2243
3113 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	332.6	2243
3114 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	3.3	327.8	331.6	2243
3114 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	3.3	327.8	331.6	2243
3114 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	3.3	327.8	331.6	2243
3114 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	3.3	327.8	331.6	2243
3114 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	2.5	320	320.3	3074
3114 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	2.7	327.8	332.4	2177

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3114 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	2.5	320	320.2	3072
3114 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.5	320	320.1	3102
3114 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	3.3	327.8	328.2	3072
3115 >E	Millwood 345kV Voltage	SBK Edic R70	3.3	327.8	328.1	3154
3115 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	3.7	327.8	331.3	3073
3115 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	3.7	327.8	331.3	3073
3115 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	3.3	327.8	331.2	2177
3115 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	3.3	327.8	331.2	2177
3115 >E	Millwood 345kV Voltage	SBK Princetown 345	3.3	327.8	327.9	2879
3116 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	3.4	327.8	327.9	3075
3116 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	3.4	327.8	327.8	3104
3116 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	2.6	327.8	332.7	2244
3116 >E	Bowline 2 345kV Voltage	SBK Edic R945	2.6	327.8	332.7	2244
3116 >E	Gordon Rd 345kV Voltage	SBK Edic R945	3.5	327.8	321.9	2244
3116 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	3.5	327.8	321.9	2244
3117 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	2.6	327.8	332.5	2178
3118 >E	Millwood 345kV Voltage	Volney-Marcy	3.5	327.8	327.2	3046
3118 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	3.2	327.8	328.3	3076
3119 >E	Buchanan South 345kV Voltage	SBK Edic R70	3.2	327.8	328.2	3158
3119 >E	Buchanan South 345kV Voltage	SBK Princetown 345	3.2	327.8	328.2	2882
3120 >E	Oakdale 345kV Voltage	SBK Edic R70	2.7	320	318.0	3159
3120 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	3.2	327.8	327.9	3079
3120 >E	Bowline 1 345kV Voltage	SBK Edic R945	2.8	327.8	332.9	2245
3120 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	332.9	2245
3120 >E	Millwood 345kV Voltage	SBK Marcy R3108	3.5	327.8	326.7	2981
3120 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	3.7	327.8	330.0	3214
3120 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	3.7	327.8	330.0	3214
3120 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	3.3	327.8	327.9	3108
3120 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	2.8	327.8	332.7	2179
3121 >E	Ramapo 345kV Voltage	SBK Princetown 345	2.9	327.8	328.7	2883
3122 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	328.4	3080
3122 >E	Buchanan South 345kV Voltage	Volney-Marcy	3.3	327.8	327.2	3050
3122 >E	Ramapo 345kV Voltage	SBK Edic R70	3.0	327.8	328.4	3162
3123 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	4.2	327.8	332.4	3217
3123 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	3.3	327.8	329.7	2885
3123 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	3.0	327.8	328.0	3083
3123 >E	Clay 345kV Voltage	SBK Edic R945	3.5	327.8	339.6	2247
3123 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.5	327.8	339.6	2247

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3123 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	3.0	327.8	327.9	3111
3124 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	3.4	327.8	326.6	2985
3124 >E	St.Lawrence 230kV Voltage	Pre-Fault	12.8	NA	225	3124
3125 >E	Rock Tavern 345kV Voltage	SBK Edic R70	3.4	327.8	329.0	3166
3125 >E	Ladentown 345kV Voltage	SBK Princetown 345	3.0	327.8	328.7	2888
3126 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	3.4	327.8	328.9	3084
3126 >E	Ramapo 345kV Voltage	Volney-Marcy	3.1	327.8	327.1	3054
3126 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	328.4	3084
3126 >E	Ladentown 345kV Voltage	SBK Edic R70	3.0	327.8	328.4	3168
3127 >E	Edic 345kV Voltage	SBK Edic R70	5.5	327.8	318.2	3168
3128 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	3.1	327.8	328.0	3087
3128 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	3.7	327.8	338.9	2181
3128 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	3.1	327.8	327.9	3116
3128 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	3.5	327.8	328.3	3088
3128 >E	Bowline 2 345kV Voltage	SBK Princetown 345	2.8	327.8	328.7	2890
3128 >E	New Scotland 345kV Voltage Alps	Princeton-N.Scot 345	3.8	327.8	327.9	3116
3128 >E	New Scotland 345kV Voltage Gilb	Princeton-N.Scot 345	3.8	327.8	327.9	3116
3129 >E	Ramapo 345kV Voltage	SBK Marcy R3108	3.2	327.8	326.2	2989
3129 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	3.8	327.8	327.7	3088
3129 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	3.8	327.8	327.7	3088
3129 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	2.9	327.8	328.4	3087
3129 >E	Rock Tavern 345kV Voltage	Princeton-N.Scot 345	3.5	327.8	328.0	3117
3129 >E	Bowline 2 345kV Voltage	SBK Edic R70	2.9	327.8	328.4	3171
3129 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	3.9	327.8	327.6	3057
3129 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	3.9	327.8	327.6	3057
3130 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	2.9	327.8	328.0	3090
3130 >E	Ladentown 345kV Voltage	Volney-Marcy	3.2	327.8	327.1	3058
3130 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	2.9	327.8	327.9	3118
3131 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	4.0	327.8	327.2	3173
3131 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	4.0	327.8	327.2	3173
3131 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	3.9	327.8	327.1	2991
3131 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	3.9	327.8	327.1	2991
3133 >E	Bowline 1 345kV Voltage	SBK Princetown 345	3.1	327.8	328.8	2895
3133 >E	Bowline 2 345kV Voltage	Volney-Marcy	3.0	327.8	327.0	3060
3133 >E	Ladentown 345kV Voltage	SBK Marcy R3108	3.2	327.8	326.2	2992
3134 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	3.1	327.8	328.5	3092

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3134 >E	Bowline 1 345kV Voltage	SBK Edic R70	3.1	327.8	328.4	3177
3135 >E	Rock Tavern 345kV Voltage	Volney-Marcy	3.8	327.8	326.2	3062
3135 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	3.2	327.8	328.0	3095
3135 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	3.1	327.8	326.2	2995
3136 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	3.2	327.8	327.9	3124
3139 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	329.0	2252
3139 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	4.3	327.8	329.0	2252
3139 >E	Bowline 1 345kV Voltage	Volney-Marcy	3.3	327.8	327.0	3065
3139 >E	Oakdale 345kV Voltage	Ph2 DC 1500	6.2	320	336.1	3396
3140 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	4.3	327.8	328.7	2185
3141 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	3.8	327.8	324.7	2902
3141 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	3.8	327.8	324.7	2902
3141 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	328.5	3100
3141 >E	Leeds 345kV Voltage	Marcy South S.	6.4	327.8	345.9	3623
3142 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	3.4	327.8	326.1	3000
3143 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	4.6	327.8	328.0	3187
3143 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	4.1	327.8	324.0	3001
3144 >E	Roseton 345kV Voltage	Ravenswood 3	4.4	327.8	333.0	3235
3144 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	4.6	327.8	327.8	3132
3144 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	327.8	3104
3145 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	4.5	327.8	327.5	2906
3147 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	4.7	327.8	327.2	3073
3148 >E	Fraser 345kV Voltage	Marcy South S.	7.0	327.8	327.8	3625
3149 >E	Roseton 345kV Voltage	SBK Edic R945	4.2	327.8	332.0	2256
3149 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	332.0	2256
3149 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	4.8	327.8	326.7	3007
3150 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.4	218.5	223.0	2256
3150 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	8.4	218.5	223.0	2256
3150 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	331.7	2188
3150 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	4.5	327.8	329.0	3109
3151 >E	Gilboa 345kV Voltage	Ravenswood 3	4.5	327.8	328.8	3241
3155 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	4.6	327.8	327.9	3115
3155 >E	Gilboa 345kV Voltage	SBK Marcy R3108	4.6	327.8	327.9	3012
3155 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	4.6	327.8	327.9	3143
3156 >E	Gilboa 345kV Voltage	Volney-Marcy	4.6	327.8	327.8	3081
3156 >E	Gilboa 345kV Voltage	SBK Princetown 345	4.5	327.8	327.7	2916
3157 >E	Gilboa 345kV Voltage	SBK Edic R70	4.6	327.8	327.5	3204
3158 >E	Pannell Road 345kV Voltage	SBK Edic R945	5.3	327.8	336.3	2259

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3158 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	336.3	2259
3162 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	5.5	327.8	335.8	2191
3165 >E	Roseton 345kV Voltage	SBK Princetown 345	4.7	327.8	328.6	2924
3166 >E	Gilboa 345kV Voltage	Ph2 DC 1500	7.3	327.8	340.3	3411
3166 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	4.8	327.8	328.5	3125
3166 >E	Roseton 345kV Voltage	SBK Edic R70	4.8	327.8	328.5	3214
3167 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	9.7	218.5	221.7	2193
3167 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	327.8	2193
3167 >E	Leeds 345kV Voltage	Volney-Marcy	4.2	327.8	327.8	3091
3167 >E	Leeds 345kV Voltage	SBK Edic R70	4.2	327.8	327.8	3215
3167 >E	Leeds 345kV Voltage	SBK Princetown 345	4.2	327.8	327.8	2926
3167 >E	Leeds 345kV Voltage	Ravenswood 3	4.2	327.8	327.8	3255
3167 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	327.8	2262
3167 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	4.2	327.8	327.8	3126
3167 >E	Leeds 345kV Voltage	SBK Edic R945	4.2	327.8	327.8	2262
3167 >E	Leeds 345kV Voltage	SBK Marcy R3108	4.2	327.8	327.8	3022
3167 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	4.2	327.8	327.8	3155
3167 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	4.2	327.8	327.8	3127
3168 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	327.8	328.0	3128
3169 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	4.9	327.8	327.9	3156
3169 >E	Station 80 345kV Voltage	SBK Edic R945	6.0	327.8	335.0	2263
3169 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	335.0	2263
3173 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	6.1	327.8	334.5	2194
3174 >E	Roseton 345kV Voltage	Volney-Marcy	5.1	327.8	326.8	3098
3179 >E	Clay 345kV Voltage	Ravenswood 3	5.2	327.8	329.7	3265
3180 >E	Roseton 345kV Voltage	SBK Marcy R3108	5.3	327.8	325.7	3033
3181 >E	Clay 345kV Voltage	SBK Marcy R3108	5.9	327.8	329.3	3034
3184 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	11.9	218.5	220.3	3037
3187 >E	Clay 345kV Voltage	SBK Princetown 345	5.5	327.8	328.2	2945
3187 >E	Clay 345kV Voltage	Ph2 DC 1500	8.1	327.8	344.3	3424
3188 >E	St.Lawrence 230kV Voltage	SBK Edic R70	11.0	218.5	220.0	3240
3188 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	5.5	327.8	327.9	3149
3188 >E	Clay 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	327.9	3149
3189 >E	Clay 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	327.9	3176
3192 >E	Pleasant Valley 345kV Voltage	Marcy South S.	12.5	327.8	338.7	3636
3193 >E	St.Lawrence 230kV Voltage	Volney-Marcy	12.3	218.5	219.6	3116
3196 >E	St.Lawrence 230kV Voltage	Ravenswood 3	12.1	218.5	219.4	3280
3200 >E	Clay 345kV Voltage	Volney-Marcy	6.6	327.8	325.9	3122

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3205 >E	Pannell Road 345kV Voltage	Marcy South N.	12.9	327.8	346.8	3832
3208 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	12.8	218.5	218.5	3195
3208 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	12.8	218.5	218.5	3169
3208 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	12.8	218.5	218.5	3169
3210 >E	Pannell Road 345kV Voltage	Ravenswood 3	7.3	327.8	329.5	3293
3210 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	12.9	218.5	218.3	2966
3211 >E	Leeds 345kV Voltage	Ph2 DC 1500	7.3	327.8	341.6	3437
3214 >E	Station 80 345kV Voltage	Ravenswood 3	7.8	327.8	329.4	3296
3218 >E	Ramapo 500kV Voltage	Marcy South N.	31.4	500	504.4	3832
3222 >E	Pannell Road 345kV Voltage	SBK Princetown 345	7.6	327.8	328.0	2977
3222 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	7.6	327.8	327.9	3183
3223 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	7.6	327.8	327.9	3184
3223 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	8.1	327.8	327.9	3071
3223 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	7.6	327.8	327.8	3210
3223 >E	Rainey 345kV Voltage	Ravenswood 3	8.5	327.8	340.9	3304
3227 >E	Station 80 345kV Voltage	SBK Princetown 345	8.1	327.8	327.9	2981
3227 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	8.1	327.8	327.9	3188
3227 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	8.1	327.8	327.8	3188
3227 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	8.1	327.8	327.8	3215
3230 >E	Station 80 345kV Voltage	SBK Marcy R3108	8.6	327.8	327.5	3078
3233 >E	Oakdale 345kV Voltage	Marcy South S.	7.9	320	320.2	3647
3235 >E	Farragut 345kV Voltage	Ravenswood 3	9.0	327.8	340.2	3314
3237 >E	Niagara 230kV East Voltage	Pre-Fault	19.0	NA	225	3237
3237 >E	Niagara 230kV West Voltage	Pre-Fault	19.0	NA	225	3237
3239 >E	Pannell Road 345kV Voltage	Volney-Marcy	8.8	327.8	325.8	3158
3240 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	11.6	327.8	342.3	3454
3243 >E	Station 80 345kV Voltage	Volney-Marcy	9.2	327.8	325.9	3161
3244 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	15.7	327.8	339.2	3456
3247 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	13.2	327.8	339.5	3458
3249 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	12.1	327.8	341.2	3460
3251 >E	Station 80 345kV Voltage	Marcy South N.	15.3	327.8	345.4	3834
3255 >E	Clay 345kV Voltage	Marcy South S.	9.5	327.8	337.3	3653
3260 >E	Rainey 345kV Voltage	Pre-Fault	12.9	NA	338	3260
3264 >E	Farragut 345kV Voltage	Pre-Fault	13.6	NA	338	3264
3269 >E	Clay 345kV Voltage	SBK Edic R70	8.8	327.8	313.4	3335
3271 >E	Station 80 345kV Voltage	Ph2 DC 1500	13.9	327.8	340.3	3472
3273 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	24.0	218.5	225.6	3473
3278 >E	Station 80 345kV Voltage	SBK Edic R70	10.6	327.8	321.6	3346

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3280 >E	Somerset 345kV Voltage	Pre-Fault	14.2	NA	338	3280
3281 >E	Millwood 345kV Voltage	Ph2 DC 1500	16.9	327.8	339.2	3478
3281 >E	St.Lawrence 230kV Voltage	Marcy South N.	26.0	218.5	228.4	3835
3282 >E	Ramapo 500kV Voltage	Marcy South S.	39.1	500	503.8	3661
3285 >E	Pannell Road 345kV Voltage	SBK Edic R70	10.5	327.8	319.7	3354
3289 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	20.2	327.8	337.6	3483
3290 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	16.0	327.8	340.6	3483
3291 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	20.5	327.8	337.5	3484
3302 >E	Watercure 230kV Voltage	Marcy South N.	18.3	207	227.8	3836
3303 >E	Ramapo 345kV Voltage	Ph2 DC 1500	14.9	327.8	342.8	3491
3311 >E	Leeds 345kV Voltage	Marcy South N.	14.1	327.8	349.9	3836
3318 >E	Goethals 345kV Voltage	Ravenswood 3	12.4	327.8	339.2	3386
3321 >E	Ladentown 345kV Voltage	Ph2 DC 1500	14.9	327.8	343.5	3501
3324 >E	Somerset 345kV Voltage	SBK Edic R945	10.8	327.8	334.9	2317
3324 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	10.8	327.8	334.9	2317
3331 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	11.0	327.8	334.4	2242
3331 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	17.4	218.5	220.0	2320
3331 >E	Niagara 230kV East Voltage	SBK Edic R945	17.4	218.5	220.0	2320
3331 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	17.4	218.5	220.0	2320
3331 >E	Niagara 230kV West Voltage	SBK Edic R945	17.4	218.5	220.0	2320
3334 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	17.6	218.5	219.9	2243
3334 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	17.6	218.5	219.9	2243
3340 >E	Millwood 345kV Voltage	Marcy South S.	19.9	327.8	332.4	3676
3340 >E	Goethals 345kV Voltage	Pre-Fault	18.7	NA	338	3340
3340 >E	Gilboa 345kV Voltage	Marcy South N.	17.3	327.8	342.9	3838
3344 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	14.9	327.8	344.6	3514
3347 >E	Roseton 345kV Voltage	Ph2 DC 1500	15.1	327.8	342.4	3516
3351 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	14.9	327.8	344.9	3518
3351 >E	Dunwoodie 345kV Voltage	Marcy South S.	24.2	327.8	331.6	3679
3354 >E	Niagara 230kV East Voltage	Ravenswood 3	18.9	218.5	218.9	3417
3354 >E	Niagara 230kV West Voltage	Ravenswood 3	18.9	218.5	218.9	3417
3355 >E	Sprain Brook 345kV Voltage	Marcy South S.	24.2	327.8	331.6	3680
3360 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	11.7	327.8	330.3	2330
3360 >E	Rainey 345kV Voltage	SBK Edic R945	11.7	327.8	330.3	2330
3361 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	19.0	218.5	218.5	3348
3361 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	19.0	218.5	218.5	3348
3361 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	19.0	218.5	218.5	3323
3361 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	19.0	218.5	218.5	3323
3361 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	19.0	218.5	218.5	3326

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3361 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	19.0	218.5	218.5	3326
3361 >E	Watercure 230kV Voltage	Ph2 DC 1500	15.2	207	222.4	3524
3361 >E	Niagara 230kV East Voltage	SBK Princetown 345	19.0	218.5	218.5	3106
3361 >E	Niagara 230kV West Voltage	SBK Princetown 345	19.0	218.5	218.5	3106
3362 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	11.8	327.8	330.1	2251
3367 >E	Niagara 230kV East Voltage	SBK Marcy R3108	19.3	218.5	218.2	3198
3367 >E	Niagara 230kV West Voltage	SBK Marcy R3108	19.3	218.5	218.2	3198
3368 >E	Niagara 230kV East Voltage	Volney-Marcy	19.5	218.5	218.1	3277
3368 >E	Niagara 230kV West Voltage	Volney-Marcy	19.5	218.5	218.1	3277
3369 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	12.3	327.8	330.3	2333
3369 >E	Farragut 345kV Voltage	SBK Edic R945	12.3	327.8	330.3	2333
3370 >E	Pannell Road 345kV Voltage	Marcy South S.	15.5	327.8	334.5	3685
3371 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	12.4	327.8	330.1	2254
3374 >E	Niagara 230kV East Voltage	SBK Edic R70	19.9	218.5	217.8	3459
3374 >E	Niagara 230kV West Voltage	SBK Edic R70	19.9	218.5	217.8	3459
3384 >E	Rainey 345kV Voltage	SBK Princetown 345	12.5	327.8	328.4	3127
3386 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	12.7	327.8	328.3	3352
3387 >E	Rainey 345kV Voltage	SBK Edic R70	12.7	327.8	328.2	3474
3390 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	12.8	327.8	327.9	3353
3391 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	12.8	327.8	327.9	3378
3394 >E	Farragut 345kV Voltage	SBK Princetown 345	13.2	327.8	328.4	3137
3395 >E	St.Lawrence 230kV Voltage	Marcy South S.	30.5	218.5	221.9	3691
3396 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	13.3	327.8	328.3	3363
3397 >E	Farragut 345kV Voltage	SBK Edic R70	13.4	327.8	328.2	3486
3400 >E	Rainey 345kV Voltage	Volney-Marcy	13.1	327.8	327.2	3306
3401 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	13.5	327.8	327.9	3364
3401 >E	Roseton 345kV Voltage	Marcy South S.	17.2	327.8	334.4	3693
3402 >E	Somerset 345kV Voltage	Ravenswood 3	13.8	327.8	329.5	3459
3402 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	13.5	327.8	327.9	3389
3406 >E	Rainey 345kV Voltage	SBK Marcy R3108	13.4	327.8	326.6	3233
3411 >E	Farragut 345kV Voltage	Volney-Marcy	13.9	327.8	327.2	3317
3418 >E	Farragut 345kV Voltage	SBK Marcy R3108	14.1	327.8	326.7	3244
3423 >E	Buchanan South 345kV Voltage	Marcy South S.	21.4	327.8	331.1	3699
3424 >E	Station 80 345kV Voltage	Marcy South S.	18.5	327.8	333.5	3699
3425 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	14.2	327.8	327.8	3388
3425 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	14.2	327.8	327.8	3412
3425 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	14.2	327.8	327.8	3393
3427 >E	Somerset 345kV Voltage	SBK Princetown 345	14.3	327.8	327.7	3167

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3436 >E	Watercure 230kV Voltage	SBK Edic R945	17.2	207	231.0	2357
3436 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	17.2	207	231.0	2357
3448 >E	Somerset 345kV Voltage	SBK Marcy R3108	15.2	327.8	326.3	3270
3448 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	17.8	207	231.0	2277
3464 >E	Somerset 345kV Voltage	Volney-Marcy	15.9	327.8	325.1	3366
3466 >E	Gardenville 230kV Voltage	Pre-Fault	21.9	NA	217	3466
3479 >E	Fraser 345kV Voltage	Marcy South N.	26.3	327.8	327.8	3844
3485 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	17.0	327.8	330.3	2374
3485 >E	Goethals 345kV Voltage	SBK Edic R945	17.0	327.8	330.3	2374
3487 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	17.0	327.8	330.2	2289
3509 >E	Pleasant Valley 345kV Voltage	Marcy South N.	31.4	327.8	342.9	3845
3512 >E	Somerset 345kV Voltage	SBK Edic R70	17.7	327.8	321.7	3622
3519 >E	Goethals 345kV Voltage	SBK Princetown 345	18.2	327.8	328.4	3252
3522 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	18.4	327.8	328.3	3493
3524 >E	Goethals 345kV Voltage	SBK Edic R70	18.4	327.8	328.2	3635
3528 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	18.6	327.8	328.0	3493
3530 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	18.7	327.8	327.9	3517
3542 >E	Goethals 345kV Voltage	Volney-Marcy	19.1	327.8	327.2	3438
3551 >E	Goethals 345kV Voltage	SBK Marcy R3108	19.5	327.8	326.7	3361
3566 >E	Buchanan North 345kV Voltage	Marcy South S.	30.4	327.8	328.1	3737
3568 >E	Gardenville 230kV Voltage	SBK Edic R945	18.3	207	212.4	2403
3568 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	18.3	207	212.4	2403
3577 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	18.6	207	211.9	2316
3592 >E	Somerset 345kV Voltage	Ph2 DC 1500	24.4	327.8	341.7	3657
3599 >E	Rock Tavern 345kV Voltage	Marcy South S.	21.0	327.8	315.1	3746
3620 >E	Niagara 345kV Voltage	Pre-Fault	27.9	NA	338	3620
3646 >E	Ladentown 345kV Voltage	Marcy South S.	25.7	327.8	327.2	3759
3660 >E	Somerset 345kV Voltage	Marcy South N.	28.2	327.8	346.8	3852
3665 >E	Gardenville 230kV Voltage	Ravenswood 3	21.3	207	207.9	3687
3684 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	21.9	207	207.0	3651
3684 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	21.9	207	207.0	3660
3684 >E	Gardenville 230kV Voltage	SBK Princetown 345	21.9	207	207.0	3405
3685 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	21.9	207	207.0	3672
3692 >E	Bowline 1 345kV Voltage	Marcy South S.	25.8	327.8	327.2	3771
3698 >E	Gardenville 230kV Voltage	SBK Marcy R3108	22.4	207	206.4	3490
3699 >E	Ramapo 345kV Voltage	Marcy South S.	28.4	327.8	324.8	3773
3699 >E	Bowline 2 345kV Voltage	Marcy South S.	25.7	327.8	327.2	3773
3701 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	21.5	327.8	335.1	2450
3701 >E	Niagara 345kV Voltage	SBK Edic R945	21.5	327.8	335.1	2450

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3707 >E	Gardenville 230kV Voltage	Volney-Marcy	22.7	207	206.0	3590
3716 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	22.0	327.8	334.6	2358
3731 >E	Gardenville 230kV Voltage	SBK Edic R70	23.5	207	204.9	3880
3740 >E	Coopers Corners 345kV Voltage	Marcy South S.	19.1	327.8	262.8	3784
3864 >E	Niagara 345kV Voltage	Ravenswood 3	27.1	327.8	329.2	3860
3900 >E	Millwood 345kV Voltage	Marcy South N.	54.4	327.8	340.5	3862
3903 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	27.9	327.8	327.8	3873
3904 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	27.9	327.8	327.8	3890
3904 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	27.9	327.8	327.8	3887
3911 >E	Niagara 345kV Voltage	SBK Princetown 345	28.1	327.8	327.6	3615
3921 >E	Buchanan North 345kV Voltage	Marcy South N.	52.8	327.8	338.0	3863
3964 >E	Niagara 345kV Voltage	SBK Marcy R3108	29.8	327.8	325.7	3724
3967 >E	Sprain Brook 345kV Voltage	Marcy South N.	67.7	327.8	339.0	3865
3972 >E	Dunwoodie 345kV Voltage	Marcy South N.	68.7	327.8	338.9	3865
3977 >E	Somerset 345kV Voltage	Marcy South S.	36.3	327.8	333.6	3849
3991 >E	Buchanan South 345kV Voltage	Marcy South N.	52.6	327.8	340.9	3866
3991 >E	Niagara 345kV Voltage	Volney-Marcy	30.8	327.8	324.7	3853
4020 >E	Roseton 345kV Voltage	Marcy South N.	44.7	327.8	344.0	3867
4072 >E	Niagara 345kV Voltage	SBK Edic R70	33.6	327.8	321.8	4281
4120 >E	Coopers Corners 345kV Voltage	Marcy South N.	43.3	327.8	317.5	3872
4226 >E	Ladentown 345kV Voltage	Marcy South N.	52.1	327.8	341.8	3876
4230 >E	Ramapo 345kV Voltage	Marcy South N.	54.0	327.8	340.6	3876
4311 >E	Bowline 1 345kV Voltage	Marcy South N.	52.1	327.8	342.9	3880
4333 >E	Bowline 2 345kV Voltage	Marcy South N.	52.0	327.8	343.2	3881
4372 >E	Rock Tavern 345kV Voltage	Marcy South N.	55.5	327.8	337.3	3882
4385 >E	Niagara 345kV Voltage	Ph2 DC 1500	47.4	327.8	342.9	4113
4561 >E	Rainey 345kV Voltage	Ph2 DC 1500	60.5	327.8	346.2	4215
4578 >E	Farragut 345kV Voltage	Ph2 DC 1500	62.3	327.8	345.9	4224
4657 >E	Niagara 345kV Voltage	Marcy South N.	56.9	327.8	348.1	3895
4677 >E	Niagara 230kV East Voltage	Ph2 DC 1500	110.2	218.5	226.4	4281
4677 >E	Niagara 230kV West Voltage	Ph2 DC 1500	110.2	218.5	226.4	4281
4977 >E	Niagara 230kV East Voltage	Marcy South N.	131.5	218.5	229.1	3909
4977 >E	Niagara 230kV West Voltage	Marcy South N.	131.5	218.5	229.1	3909
5074 >E	Goethals 345kV Voltage	Ph2 DC 1500	82.4	327.8	346.4	4510
5095 >E	Rainey 345kV Voltage	Marcy South S.	80.8	327.8	334.3	4151
5121 >E	Farragut 345kV Voltage	Marcy South S.	83.4	327.8	334.2	4158
5314 >E	Gardenville 230kV Voltage	Ph2 DC 1500	82.3	207	224.0	4648
5346 >E	Gardenville 230kV Voltage	Marcy South N.	89.0	207	230.1	3925
5621 >E	Niagara 345kV Voltage	Marcy South S.	85.0	327.8	334.3	4293
5722 >E	Watercure 230kV Voltage	Ravenswood 3	109.3	207	222.5	5470

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\0VW_CAPS\Sum2023_CEVC_PH2_50_0VW_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5898 >E	Goethals 345kV Voltage	Marcy South S.	114.7	327.8	334.3	4368
7013 >E	Niagara 230kV East Voltage	Marcy South S.	253.6	218.5	222.4	4669
7013 >E	Niagara 230kV West Voltage	Marcy South S.	253.6	218.5	222.4	4669
7726 >E	Watercure 230kV Voltage	Pre-Fault	267.9	NA	215	7726
8282 >E	Rainey 345kV Voltage	Marcy South N.	204.5	327.8	348.1	4053
8332 >E	Farragut 345kV Voltage	Marcy South N.	210.5	327.8	347.7	4055
8521 >E	Watercure 230kV Voltage	SBK Princetown 345	218.0	207	212.0	7881
8596 >E	Northport 138kV Voltage	Ph2 DC 1500	440.1	131.1	141.5	6538
8778 >E	Watercure 230kV Voltage	SBK Marcy R3108	236.9	207	211.1	7964
9152 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	240.3	207	209.7	9185
9513 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	254.2	207	208.3	9670
9543 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	255.3	207	208.2	9523
10109 >E	Goethals 345kV Voltage	Marcy South N.	282.1	327.8	348.3	4132
10512 >E	Northport 138kV Voltage	Marcy South S.	590.4	131.1	133.6	5615
39285 >E	Northport 138kV Voltage	Marcy South N.	2853.6	131.1	145.0	5402
59313 >E	Watercure 230kV Voltage	Marcy South S.	2099.5	207	90.0	18807
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

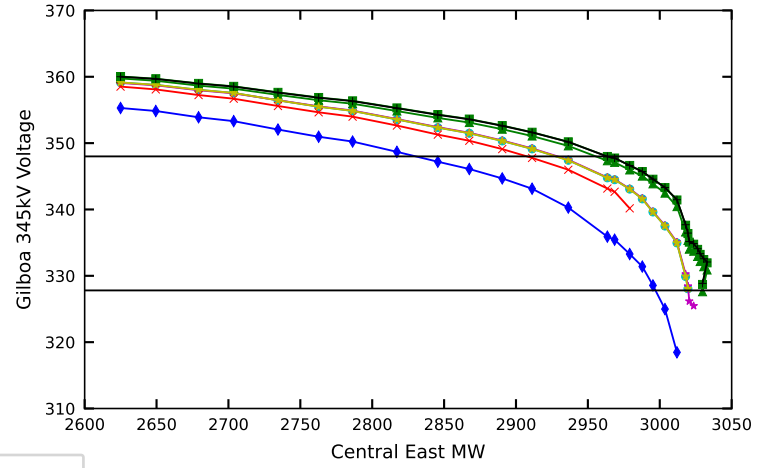
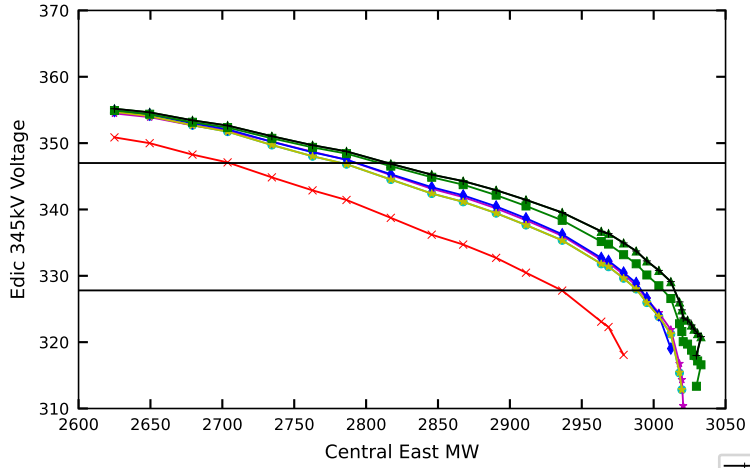
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\0VW_CAPS\Sum2023_CEVC_PH2_50_0VW_CAPS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 0VW_CAPS

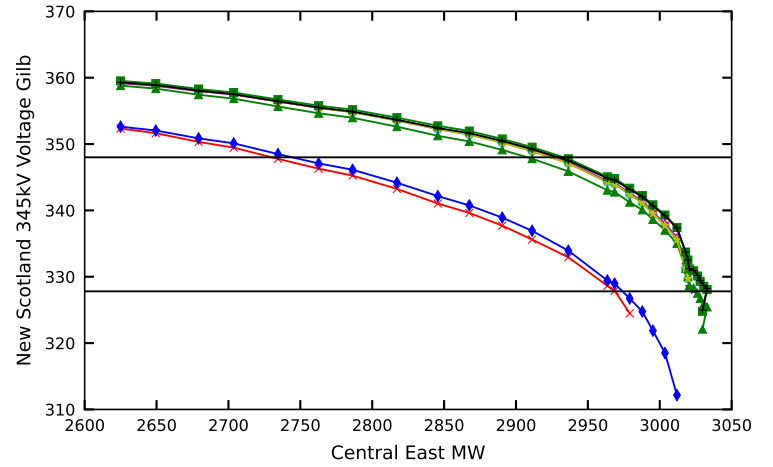
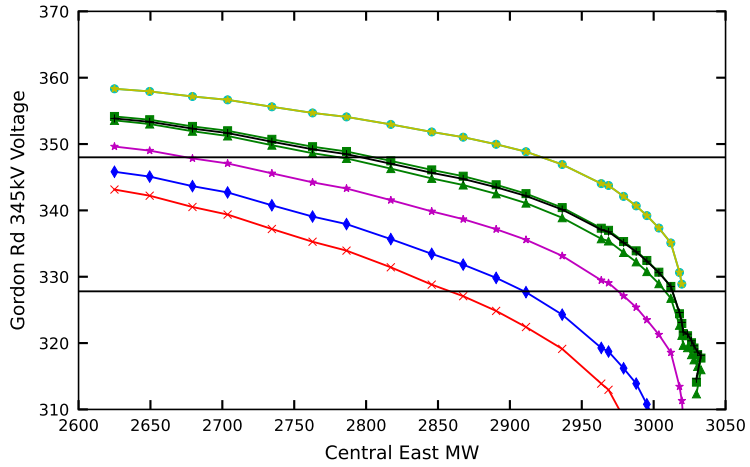
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99999 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

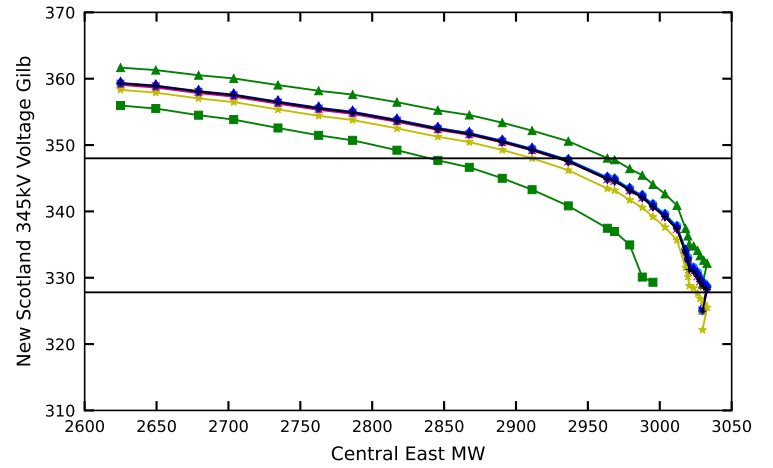
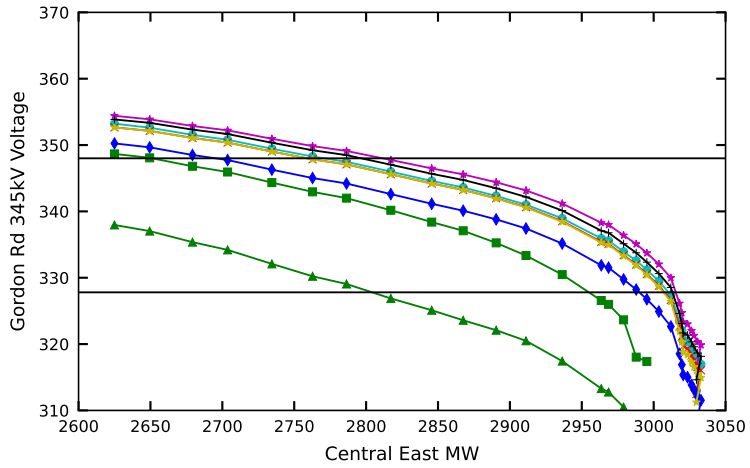
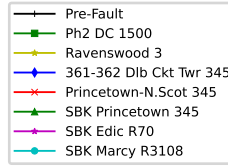
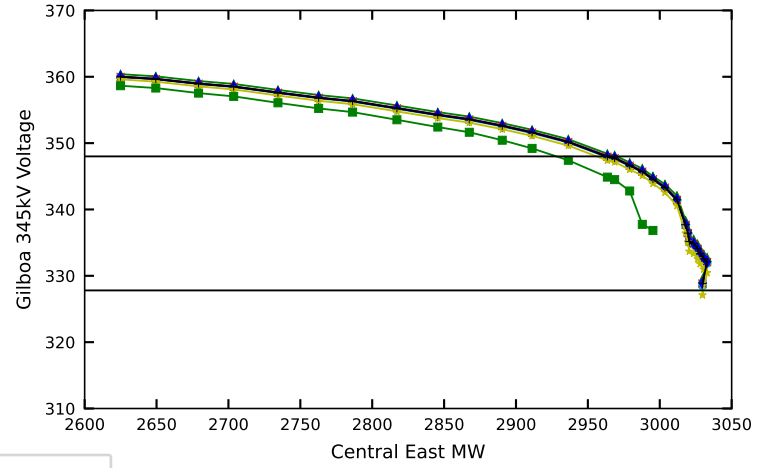
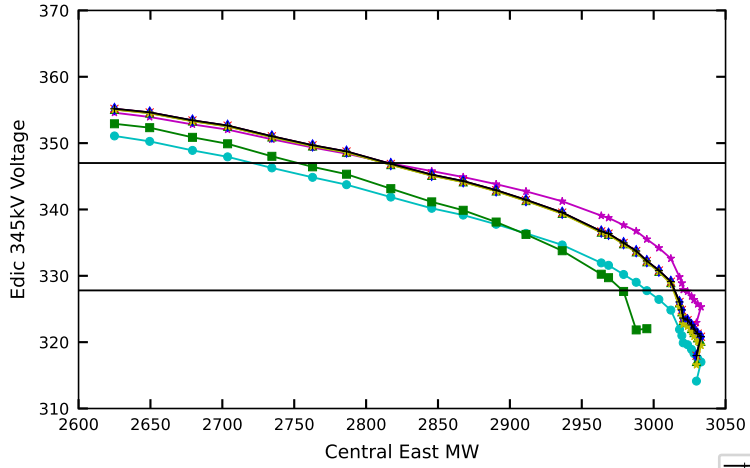
1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A Figure 1



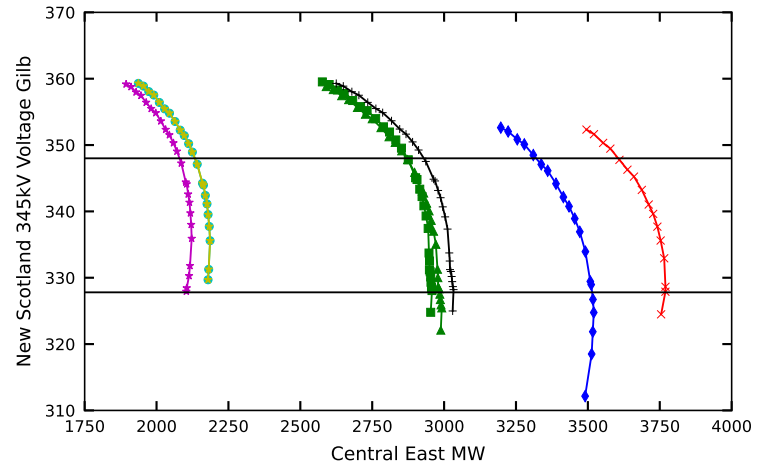
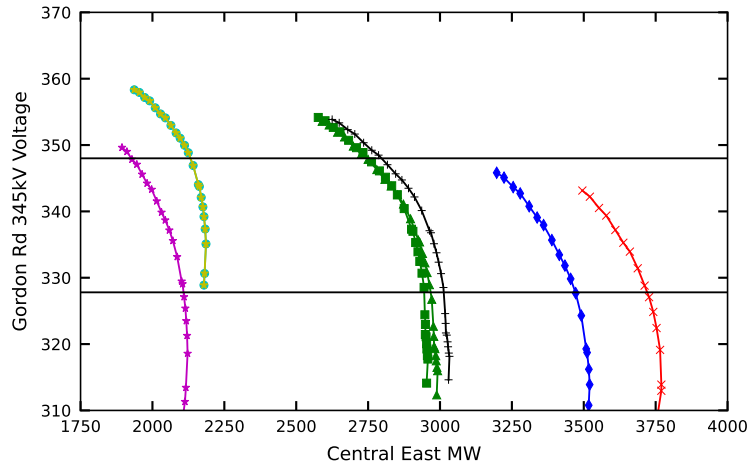
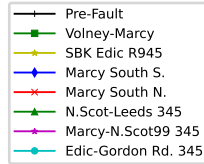
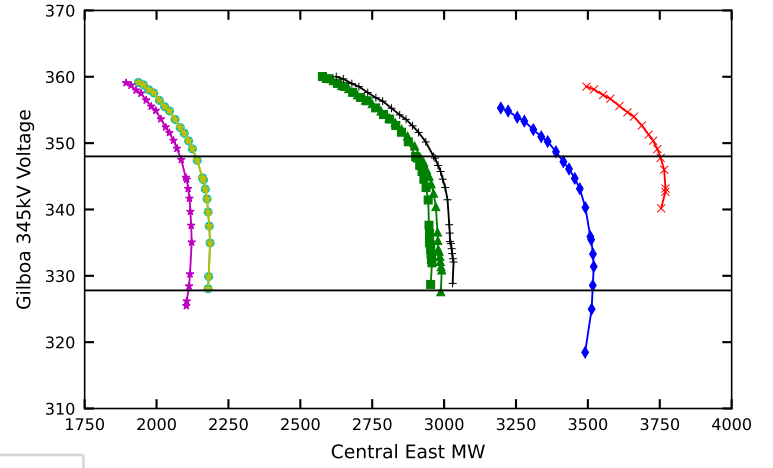
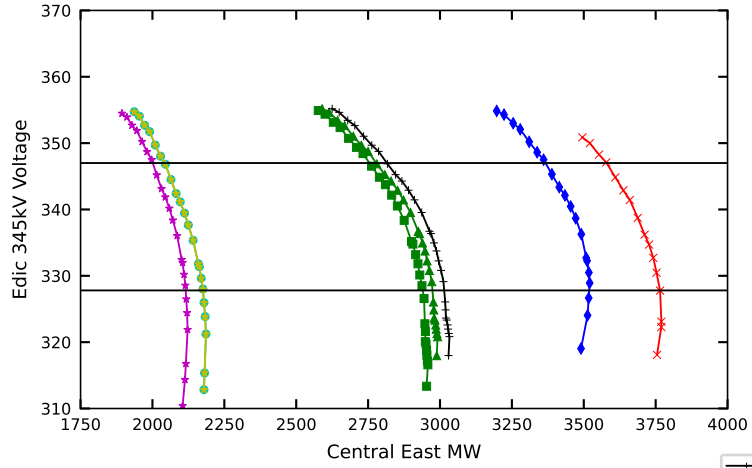
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



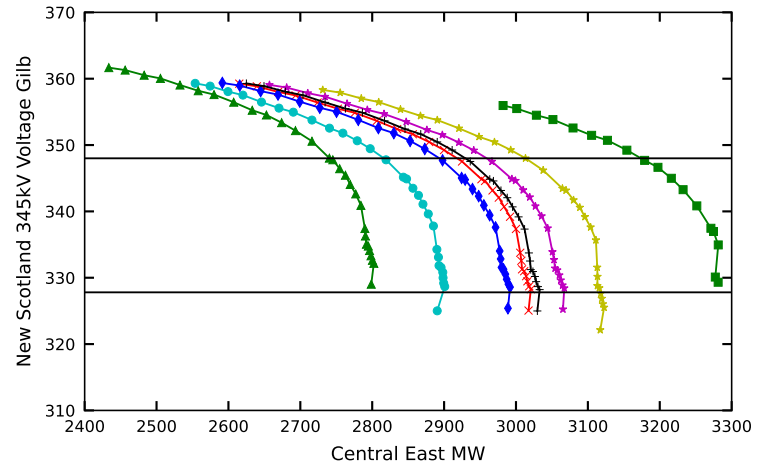
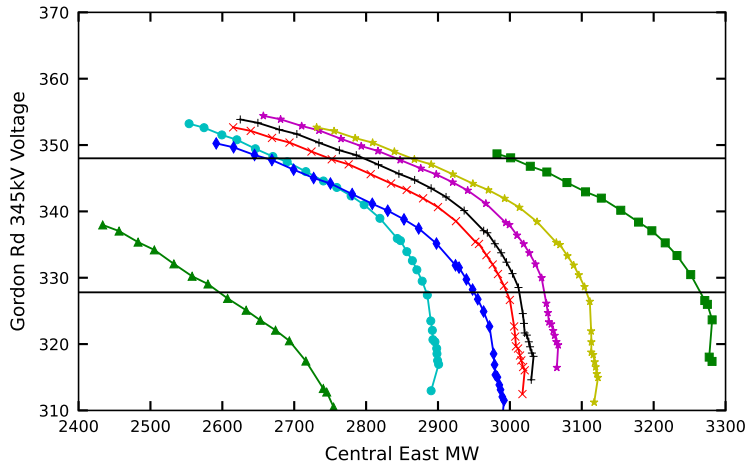
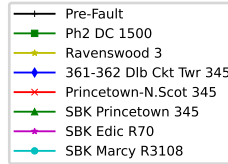
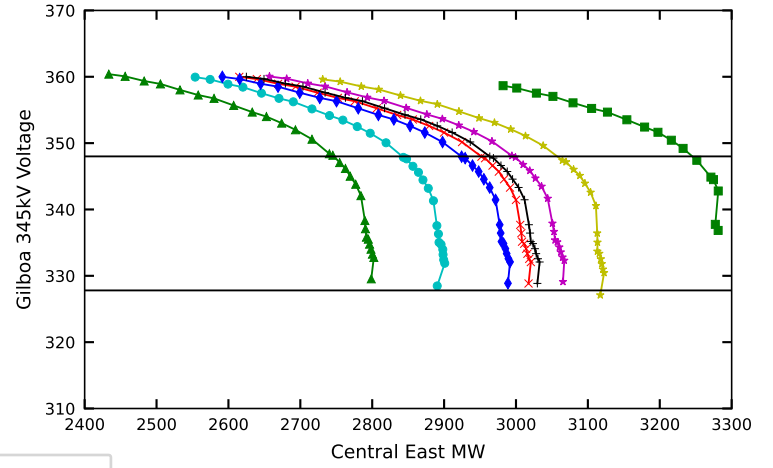
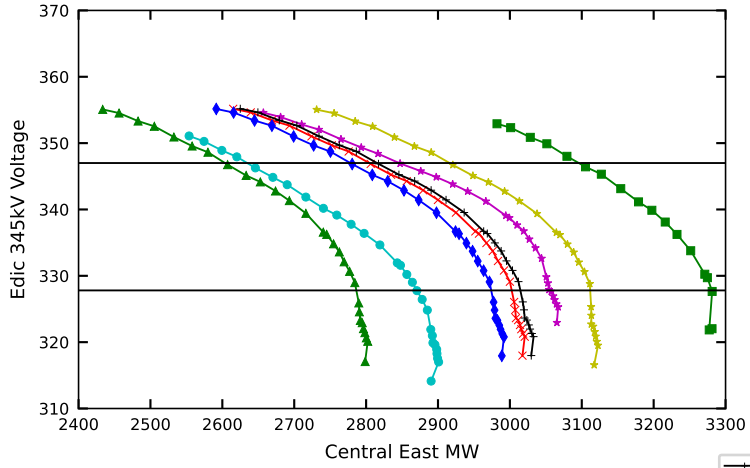
1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A Figure 2



1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A Figure 1



1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 5O 1A

Interface: Central East

	8																
3029	t2	0	2	2	0	2	2	2	2	0	0	0	0	0	0	0	2
	9																

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A

Interface: Central East

SBK Edic R70 ce30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SBK Princ etow n 345 ce31)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Princ etow n- N.Sco t 345 ce32)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
361- 362 Dlb Ckt Twr 345 log09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
) Rave nswo od 3 log15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
) Ph2 DC 1500																																

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2785 >E	Dunwoodie 345kV Voltage	Pre-Fault	28.8	NA	348	2785
2788 >E	Sprain Brook 345kV Voltage	Pre-Fault	28.8	NA	348	2788
2792	Millwood 345kV Voltage	Pre-Fault	72.0	NA	348	2792
2796	Gordon Rd 345kV Voltage	Pre-Fault	21.4	NA	348	2796
2798	Marcy 345kV Voltage	Pre-Fault	16.2	NA	348	2798
2804	Gordon Rd 345kV Voltage	SBK Princetown 345	14.2	327.8	347.6	2595
2815	Edic 345kV Voltage	Pre-Fault	16.4	NA	347	2815
2815	limit with 5% margin	Marcy South N.	NA	NA	NA	3581
2830	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3117
2838	limit with 5% margin	Marcy South S.	NA	NA	NA	3344
2858	Gordon Rd 345kV Voltage	Marcy South N.	12.6	327.8	345.1	3720
2861	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2076
2861	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2016
2861	limit with 5% margin	SBK Edic R945	NA	NA	NA	2076
2868	limit with 5% margin	Volney-Marcy	NA	NA	NA	2801
2868	limit with 5% margin	Ravenswood 3	NA	NA	NA	2957
2881	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2842
2881	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2755
2881	limit with 5% margin	SBK Edic R70	NA	NA	NA	2913
2881	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2662
2881	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2869
2881	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2842
2889	Buchanan North 345kV Voltage	Pre-Fault	61.3	NA	346	2889
2909	Gordon Rd 345kV Voltage	Marcy South S.	9.6	327.8	342.3	3470
2929	New Scotland 345kV Voltage Alps	Pre-Fault	14.6	NA	348	2929
2929	New Scotland 345kV Voltage Gilb	Pre-Fault	14.6	NA	348	2929
2936	Edic 345kV Voltage	Marcy South N.	9.3	327.8	339.6	3765
2937	Marcy 345kV Voltage	Marcy South N.	5.8	327.8	339.4	3765
2943	Pleasant Valley 345kV Voltage	Pre-Fault	17.8	NA	348	2943
2954	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.0	327.8	338.0	3264
2957	Rock Tavern 345kV Voltage	Pre-Fault	15.5	NA	348	2957
2962	Oakdale 345kV Voltage	Marcy South N.	5.7	320	341.9	3769
2963	Gilboa 345kV Voltage	Pre-Fault	12.4	NA	348	2963
2964	Buchanan South 345kV Voltage	Pre-Fault	74.7	NA	346	2964
2968 >E	New Scotland 345kV Voltage Alps	Marcy South N.	6.3	327.8	344.3	3770
2968 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	6.3	327.8	344.3	3770
2974	New Scotland 345kV Voltage Alps	Marcy South S.	4.7	327.8	343.8	3514
2974	New Scotland 345kV Voltage Gilb	Marcy South S.	4.7	327.8	343.8	3514
2975	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.3	327.8	335.7	2108
2978	Edic 345kV Voltage	Ph2 DC 1500	5.1	327.8	335.1	3280

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\1A\Sum2023_CEVC_PH2_50_1A.xlsx

1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2978	Marcy 345kV Voltage	Ph2 DC 1500	5.0	327.8	334.9	3281
2982	Station 80 345kV Voltage	Pre-Fault	17.2	NA	346	2982
2984	Coopers Corners 345kV Voltage	SBK Edic R945	4.8	327.8	338.7	2173
2984	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	4.9	327.8	338.7	2173
2984	Marcy 345kV Voltage	SBK Edic R945	5.3	327.8	334.0	2173
2985	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	334.0	2173
2986	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	4.8	327.8	338.5	2113
2987	Pannell Road 345kV Voltage	Pre-Fault	14.1	NA	346	2987
2988	Edic 345kV Voltage	SBK Edic R945	3.6	327.8	333.6	2175
2988	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	333.6	2175
2989	Coopers Corners 345kV Voltage	Pre-Fault	5.1	NA	338	2989
2989	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	333.4	2950
2990	Fraser 345kV Voltage	Pre-Fault	4.4	NA	338	2990
2990	Edic 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	333.2	2115
2993	Ramapo 500kV Voltage	Ravenswood 3	3.5	500	505.1	3094
2993	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	332.4	2117
2994 >E	Edic 345kV Voltage	Marcy South S.	5.6	327.8	332.9	3522
2995	Edic 345kV Voltage	SBK Marcy R3108	5.9	327.8	332.3	2870
2995 >E	Marcy 345kV Voltage	Marcy South S.	5.5	327.8	332.6	3522
2998	Fraser 345kV Voltage	SBK Edic R945	3.0	327.8	336.3	2180
2998	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	336.3	2180
2998	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.0	327.8	336.1	2118
3001	Oakdale 345kV Voltage	Pre-Fault	4.2	NA	335	3001
3001	Clay 345kV Voltage	Pre-Fault	11.0	NA	345	3001
3001	Ramapo 345kV Voltage	Pre-Fault	12.8	NA	346	3001
3002	Leeds 345kV Voltage	Pre-Fault	6.9	NA	345	3002
3004 >E	Gilboa 345kV Voltage	Marcy South S.	4.6	327.8	344.0	3525
3006 >E	Ramapo 500kV Voltage	Ph2 DC 1500	28.4	500	506.6	3298
3006	Edic 345kV Voltage	Volney-Marcy	4.3	327.8	330.2	2939
3006	Gordon Rd 345kV Voltage	Ravenswood 3	3.7	327.8	329.8	3106
3006	Marcy 345kV Voltage	Volney-Marcy	4.3	327.8	330.0	2940
3007	Gordon Rd 345kV Voltage	Princeton-N.Scot 345	3.9	327.8	329.6	2995
3007	Ramapo 500kV Voltage	Marcy-N.Scot99 345	3.8	500	503.3	2121
3007	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.8	327.8	329.5	2967
3008	Ramapo 500kV Voltage	SBK Edic R945	3.8	500	503.2	2184
3008	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	3.8	500	503.2	2184
3010	Gordon Rd 345kV Voltage	SBK Marcy R3108	4.0	327.8	328.9	2883
3012	Ladentown 345kV Voltage	Pre-Fault	4.0	NA	346	3012
3013	Gordon Rd 345kV Voltage	Volney-Marcy	1.5	327.8	327.8	2945
3013	Coopers Corners 345kV Voltage	Ravenswood 3	1.5	327.8	332.3	3111

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3013	Marcy 345kV Voltage	Ravenswood 3	1.7	327.8	328.0	3111
3013	Edic 345kV Voltage	Ravenswood 3	1.7	327.8	328.2	3111
3014	Marcy 345kV Voltage	SBK Marcy R3108	2.0	327.8	327.8	2886
3014	Marcy 345kV Voltage	SBK Edic R70	2.0	327.8	327.8	3046
3014	Marcy 345kV Voltage	SBK Princetown 345	2.0	327.8	327.8	2786
3014	Marcy 345kV Voltage	Princetown-N.Scot 345	2.0	327.8	327.8	3002
3014	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	2.0	327.8	327.8	2973
3014	Marcy 345kV Voltage	N.Scot-Leeds 345	1.9	327.8	327.8	2973
3014	Edic 345kV Voltage	SBK Princetown 345	2.0	327.8	328.0	2786
3014	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	2.0	327.8	327.8	2974
3014	Edic 345kV Voltage	N.Scot-Leeds 345	2.0	327.8	327.8	2973
3014	Edic 345kV Voltage	Princetown-N.Scot 345	2.0	327.8	327.8	3002
3015	Gordon Rd 345kV Voltage	SBK Edic R70	1.6	327.8	326.3	3047
3015 >E	Oakdale 345kV Voltage	SBK Edic R945	3.0	320	331.6	2187
3015 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.0	320	331.6	2187
3016 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	5.2	327.8	338.1	3304
3016 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	5.2	327.8	338.1	3304
3016 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.0	320	331.4	2123
3017	Roseton 345kV Voltage	Pre-Fault	3.4	NA	345	3017
3017	Ramapo 500kV Voltage	SBK Princetown 345	2.7	500	500.4	2789
3017	Ramapo 500kV Voltage	N.Scot-Leeds 345	2.7	500	500.2	2976
3017	Ramapo 500kV Voltage	Volney-Marcy	2.7	500	500.2	2947
3018	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	0.8	500	500.1	2977
3018	Ramapo 500kV Voltage	SBK Edic R70	0.8	500	500.1	3050
3018	Ramapo 500kV Voltage	Princetown-N.Scot 345	0.8	500	500.0	3005
3018	Ramapo 500kV Voltage	Pre-Fault	0.8	NA	500	3018
3018	Ramapo 500kV Voltage	SBK Marcy R3108	0.8	500	500.0	2890
3018	Coopers Corners 345kV Voltage	SBK Princetown 345	1.3	327.8	329.6	2789
3019	Coopers Corners 345kV Voltage	SBK Edic R70	1.3	327.8	328.9	3052
3019	Fraser 345kV Voltage	N.Scot-Leeds 345	1.2	327.8	327.8	2978
3019	Fraser 345kV Voltage	SBK Princetown 345	1.2	327.8	327.8	2790
3019	Fraser 345kV Voltage	Volney-Marcy	1.2	327.8	327.8	2948
3019	Fraser 345kV Voltage	SBK Edic R70	1.2	327.8	327.8	3052
3019	Fraser 345kV Voltage	Princetown-N.Scot 345	1.2	327.8	327.8	3007
3019	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	1.2	327.8	327.8	2978
3019	Fraser 345kV Voltage	Ravenswood 3	1.2	327.8	327.8	3113
3019	Fraser 345kV Voltage	SBK Marcy R3108	1.2	327.8	327.8	2891

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3019	Dunwoodie 345kV Voltage	Ravenswood 3	1.7	327.8	336.1	3113
3019 >E	Sprain Brook 345kV Voltage	Ravenswood 3	1.7	327.8	336.2	3113
3019	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	0.8	327.8	328.5	2978
3019	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	0.8	327.8	328.1	2979
3020	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	0.8	327.8	327.9	3007
3021 >E	Coopers Corners 345kV Voltage	Volney-Marcy	1.3	327.8	327.4	2950
3021	Edic 345kV Voltage	SBK Edic R70	11.9	327.8	323.5	3055
3022 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	1.2	327.8	330.4	3113
3022 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	1.2	327.8	330.4	3113
3022	Bowline 1 345kV Voltage	Pre-Fault	31.9	NA	345	3022
3023	Bowline 2 345kV Voltage	Pre-Fault	31.9	NA	345	3023
3023 >E	Millwood 345kV Voltage	Ravenswood 3	1.6	327.8	336.3	3114
3024 >E	Buchanan North 345kV Voltage	Ravenswood 3	1.7	327.8	335.9	3114
3025 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	5.5	327.8	334.2	3310
3025	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	3.4	327.8	330.4	2984
3025	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	3.4	327.8	330.4	2984
3025 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	1.3	327.8	327.7	2956
3025 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	1.3	327.8	327.7	2956
3025 >E	Leeds 345kV Voltage	Marcy South S.	5.4	327.8	343.4	3532
3026 >E	Rock Tavern 345kV Voltage	Ravenswood 3	1.2	327.8	334.9	3114
3027 >E	Buchanan South 345kV Voltage	Ravenswood 3	1.6	327.8	336.4	3114
3028 >E	Gilboa 345kV Voltage	Ravenswood 3	1.2	327.8	329.8	3115
3028 >E	Oakdale 345kV Voltage	Volney-Marcy	1.8	320	322.8	2959
3029 >E	Fraser 345kV Voltage	Ph2 DC 1500	4.5	327.8	332.4	3313
3030 >E	Oakdale 345kV Voltage	Ravenswood 3	1.8	320	321.9	3115
3030 >E	Gilboa 345kV Voltage	Volney-Marcy	1.3	327.8	327.8	2961
3031	Coopers Corners 345kV Voltage	SBK Marcy R3108	5.1	327.8	325.0	2900
3031 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	1.6	327.8	334.0	3115
3032 >E	Ramapo 345kV Voltage	Ravenswood 3	1.6	327.8	335.9	3116
3033 >E	Leeds 345kV Voltage	Ravenswood 3	1.3	327.8	330.0	3116
3033 >E	Oakdale 345kV Voltage	SBK Marcy R3108	4.8	320	323.9	2901
3033 >E	Ladentown 345kV Voltage	Ravenswood 3	1.6	327.8	336.6	3116
3035 >E	Roseton 345kV Voltage	Ravenswood 3	1.4	327.8	336.4	3116
3035 >E	Gilboa 345kV Voltage	SBK Edic R945	3.3	327.8	336.3	2194
3035 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	5.1	327.8	327.7	3022
3035 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	5.1	327.8	327.7	3022
3035 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	336.3	2194
3035 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	3.3	327.8	336.1	2127
3036 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	5.2	327.8	327.6	3070
3036 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	5.2	327.8	327.6	3070

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3036 >E	Bowline 1 345kV Voltage	Ravenswood 3	1.6	327.8	337.0	3116
3036 >E	Bowline 2 345kV Voltage	Ravenswood 3	1.6	327.8	337.0	3116
3036 >E	Leeds 345kV Voltage	Volney-Marcy	1.5	327.8	327.8	2968
3036 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	4.5	327.8	327.4	2903
3036 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	4.5	327.8	327.4	2903
3036 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	5.2	327.8	327.4	2995
3036 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	5.2	327.8	327.4	2995
3038 >E	Dunwoodie 345kV Voltage	Volney-Marcy	2.2	327.8	327.4	2970
3038 >E	Rock Tavern 345kV Voltage	Volney-Marcy	1.6	327.8	327.2	2970
3038 >E	Gordon Rd 345kV Voltage	SBK Edic R945	3.7	327.8	321.7	2195
3039 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	3.7	327.8	321.7	2195
3039 >E	Sprain Brook 345kV Voltage	Volney-Marcy	2.3	327.8	327.4	2971
3040 >E	St.Lawrence 230kV Voltage	Pre-Fault	19.9	NA	225	3040
3042 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	3.9	327.8	330.6	2196
3042 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	3.9	327.8	330.6	2196
3042 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	3.9	327.8	330.6	2196
3042 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	3.9	327.8	330.6	2196
3042 >E	Buchanan North 345kV Voltage	Volney-Marcy	2.2	327.8	327.4	2975
3042 >E	Millwood 345kV Voltage	Volney-Marcy	2.1	327.8	327.3	2975
3044 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	4.0	327.8	330.2	2128
3044 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	4.0	327.8	330.2	2128
3045 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	2.0	327.8	327.3	2978
3045 >E	Buchanan South 345kV Voltage	Volney-Marcy	2.1	327.8	327.3	2978
3046 >E	Oakdale 345kV Voltage	SBK Princetown 345	5.1	320	321.5	2813
3047 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	329.0	3006
3047 >E	St.Lawrence 230kV Voltage	Ravenswood 3	3.6	218.5	219.8	3119
3049 >E	Ramapo 345kV Voltage	Volney-Marcy	2.0	327.8	327.3	2983
3051 >E	Gilboa 345kV Voltage	SBK Marcy R3108	4.5	327.8	328.2	2912
3052 >E	Ladentown 345kV Voltage	Volney-Marcy	2.0	327.8	327.3	2986
3052 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	5.3	320	320.2	3011
3053 >E	Clay 345kV Voltage	Ravenswood 3	2.5	327.8	330.0	3120
3053 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	3040
3053 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.3	320	330.4	3328
3053 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	327.8	3012
3053 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	5.3	320	320.2	3013
3053 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	5.3	320	320.1	3040
3054 >E	Gilboa 345kV Voltage	SBK Edic R70	4.8	327.8	327.5	3089

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3054 >E	Clay 345kV Voltage	Volney-Marcy	3.0	327.8	329.4	2988
3055 >E	Roseton 345kV Voltage	Volney-Marcy	2.2	327.8	326.7	2989
3055 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	5.1	327.8	323.9	2820
3055 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	5.1	327.8	323.9	2820
3055 >E	Fraser 345kV Voltage	Marcy South S.	6.3	327.8	327.8	3542
3056 >E	Bowline 2 345kV Voltage	Volney-Marcy	2.0	327.8	327.3	2990
3056 >E	Bowline 1 345kV Voltage	Volney-Marcy	2.0	327.8	327.3	2990
3056 >E	Gilboa 345kV Voltage	SBK Princetown 345	4.7	327.8	327.2	2821
3056 >E	St.Lawrence 230kV Voltage	Volney-Marcy	5.2	218.5	217.5	2991
3058 >E	Oakdale 345kV Voltage	SBK Edic R70	5.4	320	319.2	3093
3062 >E	Rock Tavern 345kV Voltage	SBK Edic R945	5.2	327.8	335.4	2203
3062 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	5.2	327.8	335.3	2203
3063 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	5.2	327.8	335.1	2132
3066 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	7.3	218.5	223.7	2921
3068 >E	Clay 345kV Voltage	Marcy South N.	10.6	327.8	342.4	3786
3070 >E	Gilboa 345kV Voltage	Ph2 DC 1500	6.1	327.8	336.9	3339
3074 >E	Clay 345kV Voltage	SBK Edic R945	5.6	327.8	337.2	2208
3074 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	5.3	327.8	327.8	3034
3074 >E	Leeds 345kV Voltage	SBK Princetown 345	5.3	327.8	327.8	2836
3074 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	5.3	327.8	327.8	3060
3074 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	5.3	327.8	327.8	3033
3074 >E	Leeds 345kV Voltage	SBK Marcy R3108	5.3	327.8	327.8	2926
3074 >E	Leeds 345kV Voltage	SBK Edic R70	5.3	327.8	327.8	3110
3074 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	5.6	327.8	337.2	2207
3078 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	5.8	327.8	336.7	2136
3082 >E	Fraser 345kV Voltage	Marcy South N.	8.4	327.8	327.8	3789
3084 >E	Pannell Road 345kV Voltage	Ravenswood 3	4.5	327.8	330.0	3127
3089 >E	Leeds 345kV Voltage	Marcy South N.	8.5	327.8	339.2	3790
3090 >E	Pleasant Valley 345kV Voltage	Marcy South S.	9.5	327.8	338.4	3553
3092 >E	Rainey 345kV Voltage	Ravenswood 3	4.4	327.8	342.7	3128
3094 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	327.8	2214
3094 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	5.3	327.8	327.8	2139
3094 >E	Leeds 345kV Voltage	SBK Edic R945	5.3	327.8	327.8	2215
3095 >E	Buchanan North 345kV Voltage	SBK Edic R945	8.1	327.8	331.9	2215
3095 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	331.8	2215
3095 >E	Pannell Road 345kV Voltage	Volney-Marcy	5.3	327.8	327.8	3035
3095 >E	Clay 345kV Voltage	SBK Marcy R3108	6.9	327.8	331.0	2940
3097 >E	Leeds 345kV Voltage	Ph2 DC 1500	6.5	327.8	335.6	3356
3097 >E	Farragut 345kV Voltage	Ravenswood 3	4.7	327.8	342.0	3129
3097 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	8.2	327.8	331.6	2140

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3098 >E	Station 80 345kV Voltage	Ravenswood 3	5.4	327.8	330.0	3130
3100 >E	Oakdale 345kV Voltage	Marcy South S.	6.0	320	318.9	3556
3106 >E	Dunwoodie 345kV Voltage	SBK Edic R945	9.5	327.8	329.6	2219
3107 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	9.5	327.8	329.6	2219
3108 >E	Sprain Brook 345kV Voltage	SBK Edic R945	9.6	327.8	329.7	2220
3108 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	9.6	327.8	329.7	2219
3110 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	9.6	327.8	329.3	2142
3110 >E	Clay 345kV Voltage	SBK Princetown 345	7.0	327.8	329.1	2866
3110 >E	Gilboa 345kV Voltage	Marcy South N.	9.6	327.8	336.1	3793
3111 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	9.7	327.8	329.4	2142
3111 >E	Ramapo 345kV Voltage	SBK Edic R945	7.0	327.8	333.4	2221
3112 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	7.1	327.8	333.4	2220
3112 >E	Millwood 345kV Voltage	SBK Edic R945	8.4	327.8	330.3	2221
3112 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	8.4	327.8	330.2	2221
3113 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	7.1	327.8	333.2	2143
3114 >E	Station 80 345kV Voltage	Volney-Marcy	6.4	327.8	327.4	3055
3115 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	8.5	327.8	329.9	2143
3116 >E	Buchanan South 345kV Voltage	SBK Edic R945	7.9	327.8	331.2	2222
3116 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	7.9	327.8	331.2	2222
3118 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	8.0	327.8	330.9	2144
3119 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	7.4	327.8	327.9	3078
3119 >E	Clay 345kV Voltage	N.Scot-Leeds 345	7.4	327.8	327.8	3081
3119 >E	Clay 345kV Voltage	Princetown-N.Scot 345	7.4	327.8	327.8	3103
3120 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	9.8	327.8	329.3	2875
3122 >E	St.Lawrence 230kV Voltage	SBK Edic R945	13.5	218.5	223.5	2225
3122 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	13.6	218.5	223.5	2224
3124 >E	Ladentown 345kV Voltage	SBK Edic R945	7.1	327.8	333.1	2225
3124 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	7.1	327.8	333.1	2225
3126 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	7.2	327.8	332.9	2145
3127 >E	Clay 345kV Voltage	Ph2 DC 1500	9.9	327.8	336.9	3375
3127 >E	Watercure 230kV Voltage	Ravenswood 3	4.5	207	209.2	3136
3129 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	7.7	327.8	328.8	2227
3129 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	7.7	327.8	328.8	2226
3129 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	8.8	327.8	328.5	2961
3130 >E	Bowline 2 345kV Voltage	SBK Edic R945	6.7	327.8	333.3	2227
3130 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	333.3	2227
3131 >E	Pannell Road 345kV Voltage	SBK Edic R945	8.8	327.8	335.5	2228
3131 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	8.9	327.8	335.4	2227
3132 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	10.8	327.8	328.3	3095
3132 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	6.8	327.8	333.1	2147

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3132 >E	Rock Tavern 345kV Voltage	SBK Edic R70	10.9	327.8	328.2	3171
3132 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	7.8	327.8	328.4	2147
3133 >E	Watercure 230kV Voltage	Volney-Marcy	4.8	207	208.1	3077
3133 >E	Clay 345kV Voltage	SBK Edic R70	7.7	327.8	325.9	3172
3135 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	10.9	327.8	327.9	3094
3135 >E	Ramapo 500kV Voltage	Marcy South S.	27.8	500	503.2	3567
3136 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	9.1	327.8	335.1	2148
3136 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	10.9	327.8	327.9	3120
3138 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	10.6	327.8	328.2	3101
3138 >E	Station 80 345kV Voltage	SBK Edic R945	9.1	327.8	334.1	2231
3139 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	334.1	2230
3139 >E	Goethals 345kV Voltage	Ravenswood 3	6.3	327.8	341.3	3138
3140 >E	Bowline 1 345kV Voltage	SBK Edic R945	7.3	327.8	333.6	2231
3140 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	7.4	327.8	333.6	2230
3140 >E	Roseton 345kV Voltage	SBK Princetown 345	7.6	327.8	328.3	2891
3141 >E	Roseton 345kV Voltage	SBK Marcy R3108	7.3	327.8	328.2	2968
3141 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	8.0	327.8	328.1	3104
3142 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	9.9	327.8	327.9	2968
3142 >E	Roseton 345kV Voltage	SBK Edic R945	7.6	327.8	331.5	2232
3142 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	7.4	327.8	333.3	2149
3142 >E	Roseton 345kV Voltage	SBK Edic R70	8.0	327.8	328.0	3182
3142 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	7.6	327.8	331.5	2231
3142 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	9.6	327.8	337.1	3384
3142 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	10.7	327.8	327.8	3182
3143 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	9.3	327.8	333.8	2149
3143 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	10.7	327.8	327.8	3127
3144 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	8.0	327.8	327.8	3127
3144 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	8.0	327.8	327.8	3103
3144 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	16.3	327.8	328.0	3107
3144 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	10.7	327.8	327.7	3103
3145 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	14.5	327.8	328.0	2970
3145 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	7.7	327.8	331.2	2149
3145 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	15.4	327.8	328.0	2895
3146 >E	Dunwoodie 345kV Voltage	SBK Edic R70	16.5	327.8	327.9	3186
3147 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	10.3	327.8	327.4	2897
3147 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	16.4	327.8	328.0	3111
3148 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	16.3	327.8	327.8	3131
3148 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	14.6	327.8	328.0	2972

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3148 >E	Sprain Brook 345kV Voltage	Marcy South S.	13.4	327.8	330.8	3571
3148 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	15.4	327.8	328.0	2898
3148 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	16.4	327.8	327.8	3107
3148 >E	Dunwoodie 345kV Voltage	Marcy South S.	13.6	327.8	330.9	3571
3150 >E	Sprain Brook 345kV Voltage	SBK Edic R70	16.6	327.8	327.9	3190
3151 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	16.4	327.8	327.8	3135
3152 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	16.5	327.8	327.8	3111
3153 >E	Buchanan North 345kV Voltage	SBK Princetown 345	13.6	327.8	328.6	2902
3154 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	12.5	327.8	328.6	2976
3157 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	10.9	327.8	334.9	3394
3159 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	17.1	218.5	222.1	2152
3160 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	18.4	218.5	219.0	2908
3161 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	14.8	327.8	328.1	3125
3161 >E	Millwood 345kV Voltage	Marcy South S.	12.5	327.8	331.9	3575
3161 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	10.1	327.8	329.5	2981
3164 >E	Buchanan North 345kV Voltage	SBK Edic R70	15.0	327.8	328.0	3204
3164 >E	Millwood 345kV Voltage	SBK Marcy R3108	13.3	327.8	328.3	2982
3165 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	14.9	327.8	327.8	3124
3165 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	14.9	327.8	327.8	3148
3166 >E	Millwood 345kV Voltage	SBK Princetown 345	14.2	327.8	328.2	2913
3167 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	15.1	327.8	328.1	3131
3168 >E	Pannell Road 345kV Voltage	Marcy South N.	16.2	327.8	339.4	3803
3169 >E	Pannell Road 345kV Voltage	SBK Princetown 345	10.1	327.8	328.8	2916
3170 >E	Millwood 345kV Voltage	SBK Edic R70	15.3	327.8	327.9	3211
3170 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	19.9	218.5	218.5	3152
3170 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	19.9	218.5	218.5	3129
3170 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	19.9	218.5	218.5	3135
3171 >E	Ramapo 500kV Voltage	Marcy South N.	34.7	500	502.8	3803
3171 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	15.2	327.8	327.8	3154
3172 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	15.2	327.8	327.8	3131
3175 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	21.7	218.5	222.9	3405
3179 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	10.6	327.8	327.8	3138
3179 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	10.6	327.8	327.8	3144
3180 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	10.6	327.8	327.8	3162
3182 >E	Pleasant Valley 345kV Voltage	Marcy South N.	14.1	327.8	334.6	3805

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3182 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	12.8	327.8	328.7	2994
3183 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	15.5	327.8	335.5	3410
3184 >E	St.Lawrence 230kV Voltage	SBK Edic R70	21.5	218.5	217.8	3226
3184 >E	Clay 345kV Voltage	Marcy South S.	11.9	327.8	332.9	3583
3185 >E	Buchanan South 345kV Voltage	SBK Princetown 345	13.8	327.8	328.5	2929
3189 >E	Station 80 345kV Voltage	SBK Marcy R3108	11.5	327.8	329.0	2998
3190 >E	Pannell Road 345kV Voltage	SBK Edic R70	10.8	327.8	326.8	3232
3190 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	14.8	327.8	328.1	3156
3192 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	14.0	327.8	336.4	3416
3193 >E	Station 80 345kV Voltage	SBK Princetown 345	11.4	327.8	328.6	2936
3194 >E	Buchanan South 345kV Voltage	SBK Edic R70	15.0	327.8	327.9	3236
3195 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	14.9	327.8	327.8	3177
3196 >E	St.Lawrence 230kV Voltage	Marcy South N.	24.2	218.5	223.7	3807
3196 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	14.9	327.8	327.8	3155
3199 >E	Millwood 345kV Voltage	Ph2 DC 1500	15.1	327.8	334.6	3420
3201 >E	Station 80 345kV Voltage	Ph2 DC 1500	14.9	327.8	336.0	3422
3201 >E	Dunwoodie 345kV Voltage	Marcy South N.	17.5	327.8	329.2	3808
3203 >E	Station 80 345kV Voltage	Marcy South N.	17.7	327.8	337.8	3809
3203 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	11.9	327.8	327.8	3162
3203 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	11.9	327.8	327.8	3169
3203 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	11.9	327.8	327.8	3185
3204 >E	Sprain Brook 345kV Voltage	Marcy South N.	17.5	327.8	329.2	3809
3205 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	18.1	327.8	333.4	3424
3206 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	18.0	327.8	333.5	3424
3210 >E	Ramapo 345kV Voltage	SBK Marcy R3108	12.3	327.8	329.7	3011
3212 >E	Station 80 345kV Voltage	SBK Edic R70	12.2	327.8	327.0	3255
3213 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	14.7	327.8	335.7	3429
3214 >E	Buchanan South 345kV Voltage	Marcy South S.	13.5	327.8	330.8	3592
3214 >E	Rainey 345kV Voltage	Volney-Marcy	8.0	327.8	327.3	3169
3215 >E	Ramapo 345kV Voltage	SBK Princetown 345	13.6	327.8	329.4	2953
3219 >E	Farragut 345kV Voltage	Volney-Marcy	8.4	327.8	327.3	3174
3222 >E	Ladentown 345kV Voltage	SBK Marcy R3108	12.3	327.8	329.7	3019
3224 >E	St.Lawrence 230kV Voltage	Marcy South S.	22.9	218.5	220.3	3595
3228 >E	Ladentown 345kV Voltage	SBK Princetown 345	13.5	327.8	329.3	2965
3232 >E	Roseton 345kV Voltage	Ph2 DC 1500	12.6	327.8	336.5	3441
3233 >E	Millwood 345kV Voltage	Marcy South N.	16.9	327.8	329.9	3814
3233 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	15.1	327.8	328.2	3200
3236 >E	Ramapo 345kV Voltage	Ph2 DC 1500	14.5	327.8	337.6	3444
3237 >E	Ramapo 345kV Voltage	SBK Edic R70	15.3	327.8	328.0	3281

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3237 >E	Somerset 345kV Voltage	Ravenswood 3	9.6	327.8	331.1	3159
3238 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	15.2	327.8	327.9	3197
3238 >E	Roseton 345kV Voltage	Marcy South S.	13.0	327.8	334.2	3600
3239 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	15.2	327.8	327.8	3219
3242 >E	Coopers Corners 345kV Voltage	Marcy South N.	11.6	327.8	312.3	3815
3244 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	12.2	327.8	330.1	3032
3244 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	12.2	327.8	330.1	3032
3245 >E	Watercure 230kV Voltage	Pre-Fault	12.9	NA	215	3245
3245 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	14.8	327.8	328.2	3213
3248 >E	Ladentown 345kV Voltage	Ph2 DC 1500	14.1	327.8	337.8	3451
3248 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	12.8	327.8	337.8	3451
3249 >E	Ladentown 345kV Voltage	SBK Edic R70	15.0	327.8	327.9	3294
3250 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	14.9	327.8	327.9	3209
3251 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	14.9	327.8	327.8	3230
3252 >E	Bowline 1 345kV Voltage	SBK Princeton 345	13.4	327.8	329.5	2984
3252 >E	Bowline 2 345kV Voltage	SBK Princeton 345	13.4	327.8	329.5	2985
3260 >E	Station 80 345kV Voltage	Marcy South S.	15.8	327.8	329.8	3607
3268 >E	Buchanan North 345kV Voltage	Marcy South S.	17.0	327.8	328.1	3609
3272 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	14.8	327.8	328.2	3240
3272 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	14.8	327.8	328.2	3241
3276 >E	Bowline 1 345kV Voltage	SBK Edic R70	15.0	327.8	327.9	3322
3276 >E	Bowline 2 345kV Voltage	SBK Edic R70	15.0	327.8	327.9	3322
3277 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	14.9	327.8	327.9	3236
3277 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	14.9	327.8	327.9	3236
3277 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	14.9	327.8	327.8	3256
3277 >E	Pannell Road 345kV Voltage	Marcy South S.	16.8	327.8	330.8	3612
3277 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	14.9	327.8	327.8	3256
3285 >E	Buchanan North 345kV Voltage	Marcy South N.	19.2	327.8	328.0	3822
3286 >E	Buchanan South 345kV Voltage	Marcy South N.	17.8	327.8	329.4	3822
3288 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	14.9	327.8	339.0	3476
3291 >E	Somerset 345kV Voltage	Volney-Marcy	11.7	327.8	326.0	3256
3296 >E	Somerset 345kV Voltage	Pre-Fault	20.6	NA	338	3296
3298 >E	Goethals 345kV Voltage	Volney-Marcy	11.6	327.8	327.3	3263
3304 >E	Watercure 230kV Voltage	SBK Marcy R3108	11.7	207	210.4	3070
3319 >E	Watercure 230kV Voltage	SBK Edic R945	14.4	207	222.6	2294
3321 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	14.5	207	222.5	2293
3323 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	14.6	207	222.4	2186

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3330 >E	Watercure 230kV Voltage	SBK Princetown 345	12.4	207	208.4	3049
3335 >E	Roseton 345kV Voltage	Marcy South N.	17.2	327.8	331.3	3830
3340 >E	Rock Tavern 345kV Voltage	Marcy South N.	16.0	327.8	323.3	3831
3346 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	12.8	207	207.1	3305
3347 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	12.9	207	207.0	3319
3348 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	12.9	207	206.9	3324
3356 >E	Watercure 230kV Voltage	SBK Edic R70	13.1	207	206.4	3406
3356 >E	Ladentown 345kV Voltage	Marcy South S.	16.3	327.8	327.8	3637
3382 >E	Rock Tavern 345kV Voltage	Marcy South S.	15.5	327.8	317.5	3646
3385 >E	Bowline 1 345kV Voltage	Marcy South S.	16.3	327.8	327.9	3646
3388 >E	Watercure 230kV Voltage	Ph2 DC 1500	18.8	207	222.5	3540
3390 >E	Bowline 2 345kV Voltage	Marcy South S.	16.3	327.8	327.9	3648
3392 >E	Ramapo 345kV Voltage	Marcy South S.	18.1	327.8	326.0	3649
3407 >E	Somerset 345kV Voltage	SBK Edic R945	17.7	327.8	335.2	2325
3408 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	17.8	327.8	335.1	2323
3415 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	18.0	327.8	334.9	2206
3419 >E	Ladentown 345kV Voltage	Marcy South N.	20.0	327.8	328.0	3844
3428 >E	Ramapo 345kV Voltage	Marcy South N.	21.1	327.8	327.1	3845
3440 >E	Watercure 230kV Voltage	Marcy South N.	29.5	207	229.4	3847
3456 >E	Bowline 1 345kV Voltage	Marcy South N.	20.1	327.8	328.1	3850
3463 >E	Bowline 2 345kV Voltage	Marcy South N.	20.1	327.8	328.1	3851
3485 >E	Somerset 345kV Voltage	SBK Marcy R3108	19.8	327.8	328.8	3183
3486 >E	Somerset 345kV Voltage	SBK Princetown 345	19.8	327.8	328.8	3179
3499 >E	Somerset 345kV Voltage	Ph2 DC 1500	23.9	327.8	338.7	3610
3506 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	20.6	327.8	327.8	3466
3506 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	20.6	327.8	327.8	3485
3507 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	20.7	327.8	327.7	3477
3516 >E	Somerset 345kV Voltage	SBK Edic R70	21.0	327.8	327.3	3574
3525 >E	Coopers Corners 345kV Voltage	Marcy South S.	15.3	327.8	269.5	3691
3538 >E	Niagara 230kV East Voltage	Ravenswood 3	36.7	218.5	222.0	3222
3538 >E	Niagara 230kV West Voltage	Ravenswood 3	36.7	218.5	222.0	3222
3547 >E	Niagara 345kV Voltage	Ravenswood 3	18.0	327.8	332.8	3224
3615 >E	Niagara 230kV East Voltage	Ph2 DC 1500	44.5	218.5	224.1	3683
3615 >E	Niagara 230kV West Voltage	Ph2 DC 1500	44.5	218.5	224.1	3683
3621 >E	Niagara 230kV East Voltage	Pre-Fault	75.0	NA	225	3621
3621 >E	Niagara 230kV West Voltage	Pre-Fault	75.0	NA	225	3621
3708 >E	Niagara 345kV Voltage	Volney-Marcy	23.1	327.8	325.1	3725
3714 >E	Somerset 345kV Voltage	Marcy South N.	34.3	327.8	338.3	3892
3729 >E	Rainey 345kV Voltage	Pre-Fault	51.0	NA	338	3729

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3733 >E	Farragut 345kV Voltage	Pre-Fault	52.9	NA	338	3733
3757 >E	Niagara 230kV East Voltage	Volney-Marcy	51.1	218.5	217.3	3781
3757 >E	Niagara 230kV West Voltage	Volney-Marcy	51.1	218.5	217.3	3781
3759 >E	Niagara 345kV Voltage	Pre-Fault	37.4	NA	338	3759
3766 >E	Somerset 345kV Voltage	Marcy South S.	32.4	327.8	329.4	3768
3842 >E	Rainey 345kV Voltage	SBK Edic R945	33.7	327.8	331.3	2478
3843 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	33.7	327.8	331.2	2473
3853 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	34.1	327.8	331.0	2297
3859 >E	Farragut 345kV Voltage	SBK Edic R945	35.0	327.8	331.2	2484
3860 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	35.1	327.8	331.2	2479
3870 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	35.4	327.8	330.9	2300
3887 >E	Gardenville 230kV Voltage	Ravenswood 3	32.0	207	212.7	3296
4028 >E	Goethals 345kV Voltage	Pre-Fault	72.9	NA	338	4028
4067 >E	Niagara 230kV East Voltage	SBK Princetown 345	72.3	218.5	219.1	3663
4067 >E	Niagara 230kV West Voltage	SBK Princetown 345	72.3	218.5	219.1	3663
4084 >E	Niagara 230kV East Voltage	SBK Marcy R3108	73.0	218.5	218.8	3556
4084 >E	Niagara 230kV West Voltage	SBK Marcy R3108	73.0	218.5	218.8	3556
4101 >E	Niagara 345kV Voltage	SBK Princetown 345	36.1	327.8	328.9	3691
4102 >E	Niagara 345kV Voltage	SBK Marcy R3108	36.0	327.8	328.8	3567
4109 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	75.1	218.5	218.5	4070
4109 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	75.1	218.5	218.5	4070
4110 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	75.1	218.5	218.5	4114
4110 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	75.1	218.5	218.5	4114
4113 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	75.3	218.5	218.4	4060
4113 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	75.3	218.5	218.4	4060
4116 >E	Rainey 345kV Voltage	SBK Marcy R3108	45.0	327.8	330.4	3576
4122 >E	Niagara 230kV East Voltage	SBK Edic R70	76.0	218.5	218.3	4210
4122 >E	Niagara 230kV West Voltage	SBK Edic R70	76.0	218.5	218.3	4210
4135 >E	Farragut 345kV Voltage	SBK Marcy R3108	46.6	327.8	330.4	3588
4136 >E	Niagara 345kV Voltage	Ph2 DC 1500	41.5	327.8	342.3	4013
4142 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	37.5	327.8	327.8	4102
4142 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	37.5	327.8	327.8	4146
4145 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	37.6	327.8	327.7	4091
4155 >E	Niagara 345kV Voltage	SBK Edic R70	37.9	327.8	327.4	4245
4158 >E	Rainey 345kV Voltage	Marcy South S.	46.6	327.8	332.7	3892
4174 >E	Rainey 345kV Voltage	SBK Princetown 345	47.7	327.8	329.3	3752
4176 >E	Niagara 345kV Voltage	SBK Edic R945	40.6	327.8	337.0	2596
4180 >E	Farragut 345kV Voltage	Marcy South S.	48.3	327.8	332.6	3899

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4182 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	40.8	327.8	336.9	2591
4185 >E	Goethals 345kV Voltage	SBK Edic R945	48.2	327.8	331.3	2599
4186 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	48.2	327.8	331.3	2593
4188 >E	Gardenville 230kV Voltage	Volney-Marcy	42.9	207	205.1	4267
4195 >E	Farragut 345kV Voltage	SBK Princetown 345	49.4	327.8	329.3	3770
4195 >E	Gardenville 230kV Voltage	Pre-Fault	67.1	NA	217	4195
4197 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	41.3	327.8	336.6	2368
4199 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	48.6	327.8	331.1	2368
4236 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	50.6	327.8	328.0	4245
4247 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	50.9	327.8	327.8	4189
4248 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	50.9	327.8	327.8	4209
4254 >E	Rainey 345kV Voltage	SBK Edic R70	51.3	327.8	327.7	4350
4258 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	52.4	327.8	328.1	4268
4269 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	52.7	327.8	327.9	4210
4272 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	52.8	327.8	327.8	4233
4277 >E	Farragut 345kV Voltage	SBK Edic R70	53.2	327.8	327.7	4373
4431 >E	Rainey 345kV Voltage	Ph2 DC 1500	57.5	327.8	337.9	4200
4456 >E	Farragut 345kV Voltage	Ph2 DC 1500	59.7	327.8	337.8	4216
4520 >E	Rainey 345kV Voltage	Marcy South N.	60.7	327.8	330.1	4024
4556 >E	Farragut 345kV Voltage	Marcy South N.	63.3	327.8	330.1	4030
4564 >E	Goethals 345kV Voltage	SBK Marcy R3108	63.8	327.8	330.6	3856
4637 >E	Goethals 345kV Voltage	Marcy South S.	66.7	327.8	332.6	4045
4652 >E	Goethals 345kV Voltage	SBK Princetown 345	67.7	327.8	329.4	4151
4662 >E	Niagara 230kV East Voltage	SBK Edic R945	112.2	218.5	224.3	2767
4662 >E	Niagara 230kV West Voltage	SBK Edic R945	112.2	218.5	224.3	2767
4663 >E	Gardenville 230kV Voltage	SBK Marcy R3108	60.0	207	210.0	3917
4673 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	113.0	218.5	224.2	2761
4673 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	113.0	218.5	224.2	2761
4688 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	114.1	218.5	224.2	2470
4688 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	114.1	218.5	224.2	2470
4750 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	72.1	327.8	328.1	4780
4755 >E	Gardenville 230kV Voltage	SBK Princetown 345	63.4	207	208.7	4236
4766 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	72.6	327.8	327.9	4688
4766 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	72.6	327.8	327.9	4728
4779 >E	Goethals 345kV Voltage	SBK Edic R70	73.3	327.8	327.7	4900
4863 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	67.0	207	207.0	4825
4867 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	67.2	207	207.0	4902

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

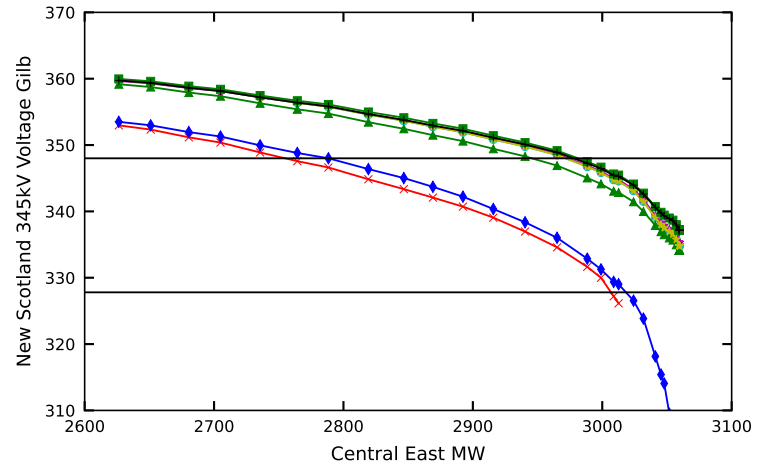
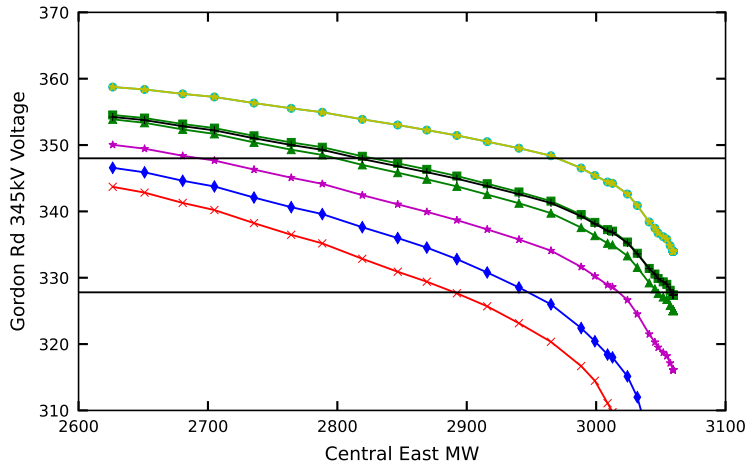
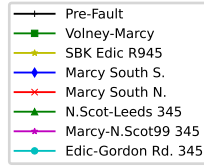
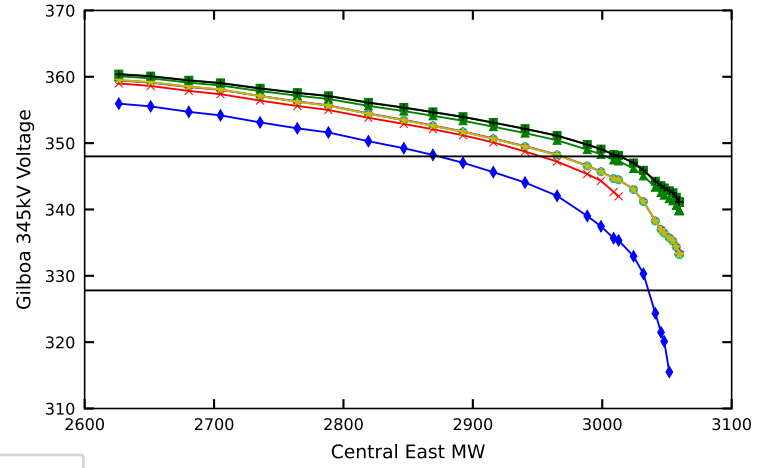
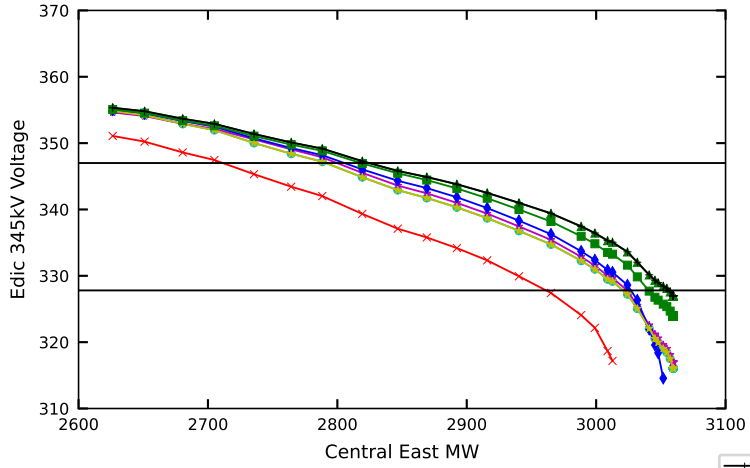
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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 1A

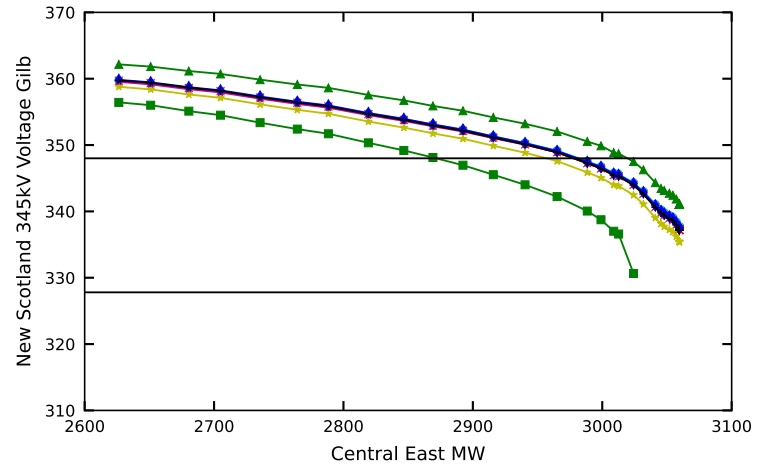
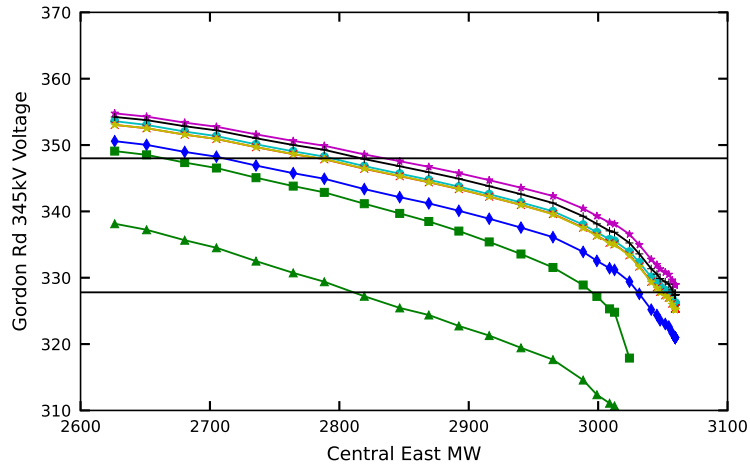
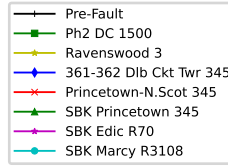
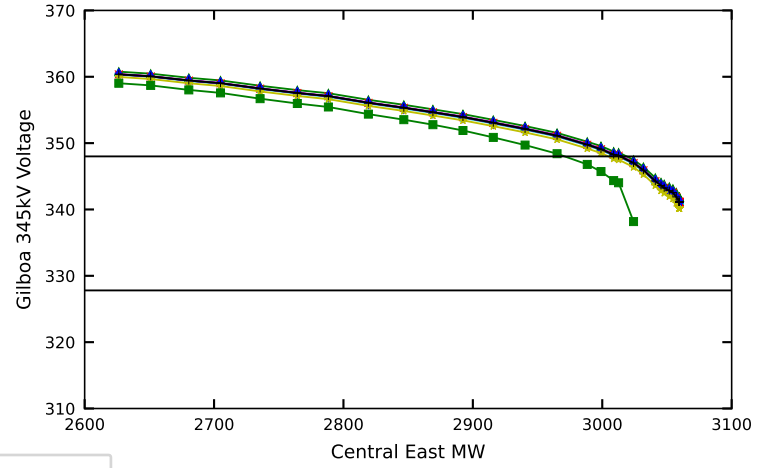
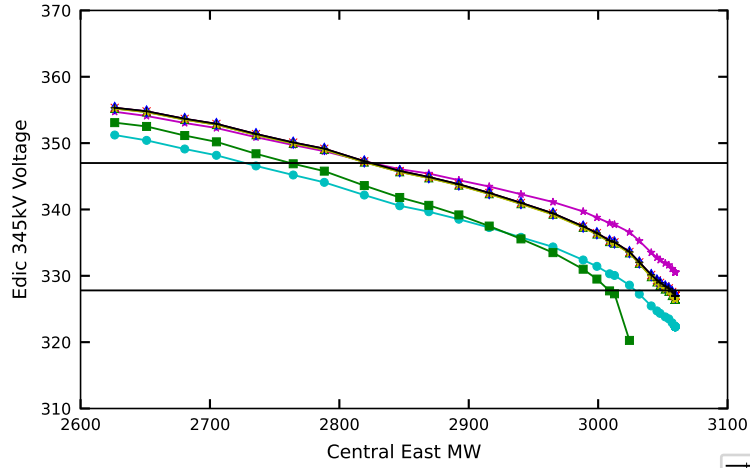
Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4875 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	67.4	207	206.9	4793
4901 >E	Gardenville 230kV Voltage	SBK Edic R70	68.3	207	206.5	5029
4991 >E	Goethals 345kV Voltage	Ph2 DC 1500	81.3	327.8	338.0	4554
5103 >E	Goethals 345kV Voltage	Marcy South N.	85.3	327.8	330.1	4119
5157 >E	Niagara 345kV Voltage	Marcy South N.	77.5	327.8	340.4	4128
5359 >E	Niagara 345kV Voltage	Marcy South S.	80.4	327.8	329.1	4275
5992 >E	Niagara 230kV East Voltage	Marcy South N.	208.7	218.5	227.1	4265
5992 >E	Niagara 230kV West Voltage	Marcy South N.	208.7	218.5	227.1	4265
6018 >E	Gardenville 230kV Voltage	Ph2 DC 1500	112.9	207	233.7	5204
6054 >E	Northport 138kV Voltage	SBK Edic R945	240.4	131.1	132.3	3258
6056 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	240.7	131.1	132.3	3240
6088 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	243.0	131.1	132.2	2761
6841 >E	Northport 138kV Voltage	Pre-Fault	435.1	NA	135	6841
7103 >E	Niagara 230kV East Voltage	Marcy South S.	273.9	218.5	219.3	4829
7103 >E	Niagara 230kV West Voltage	Marcy South S.	273.9	218.5	219.3	4829
7668 >E	Gardenville 230kV Voltage	SBK Edic R945	174.3	207	236.3	3827
7760 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	177.7	207	236.3	3830
7907 >E	Northport 138kV Voltage	SBK Marcy R3108	384.4	131.1	132.5	5941
7980 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	185.7	207	236.4	3154
8230 >E	Northport 138kV Voltage	SBK Princetown 345	410.4	131.1	131.8	7130
8519 >E	Northport 138kV Voltage	N.Scot-Leeds 345	433.8	131.1	131.1	8705
8522 >E	Northport 138kV Voltage	Princetown-N.Scot 345	433.8	131.1	131.1	8303
8523 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	433.8	131.1	131.1	8491
8567 >E	Northport 138kV Voltage	SBK Edic R70	437.6	131.1	131.0	8878
8700 >E	Northport 138kV Voltage	Ph2 DC 1500	452.8	131.1	135.0	6901
31512 >E	Gardenville 230kV Voltage	Marcy South N.	1119.6	207	327.7	8440
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

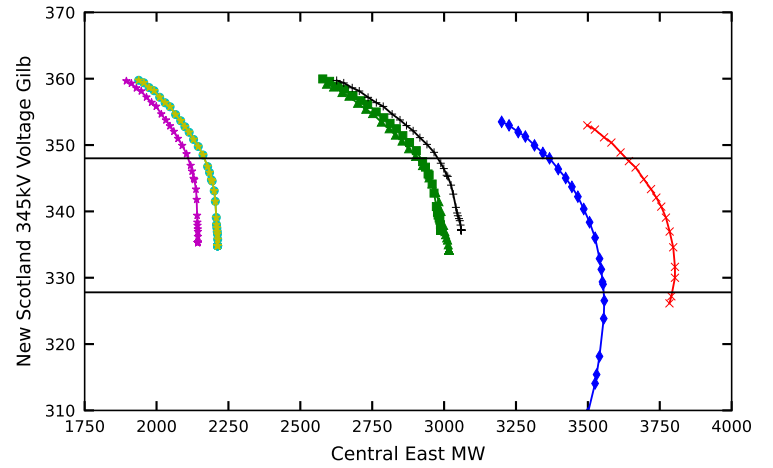
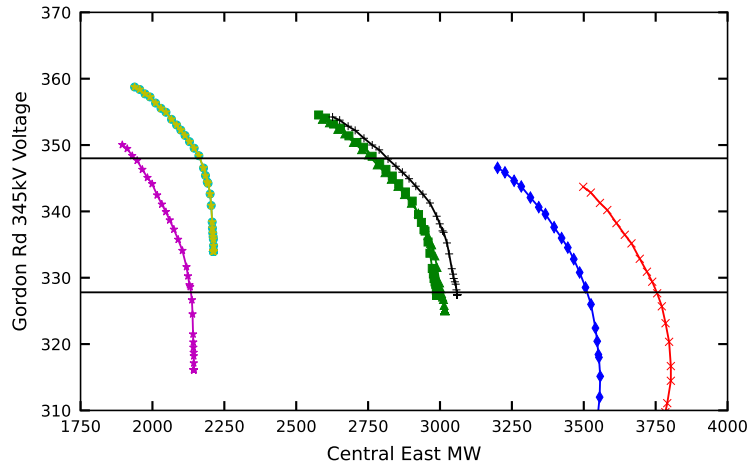
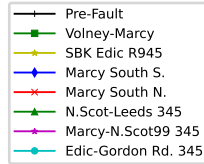
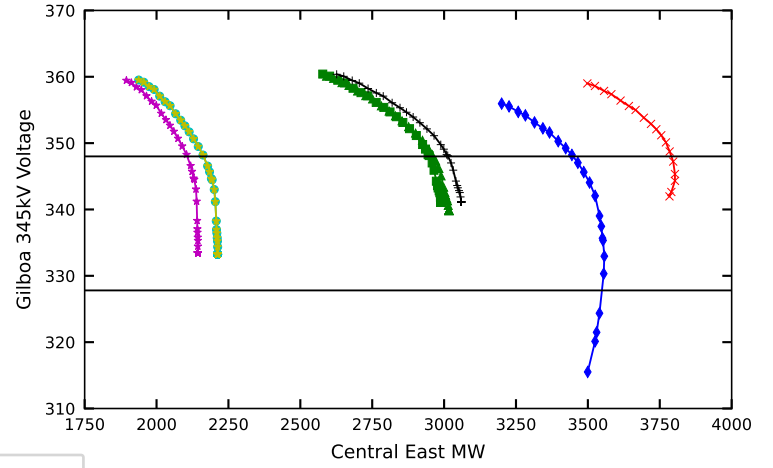
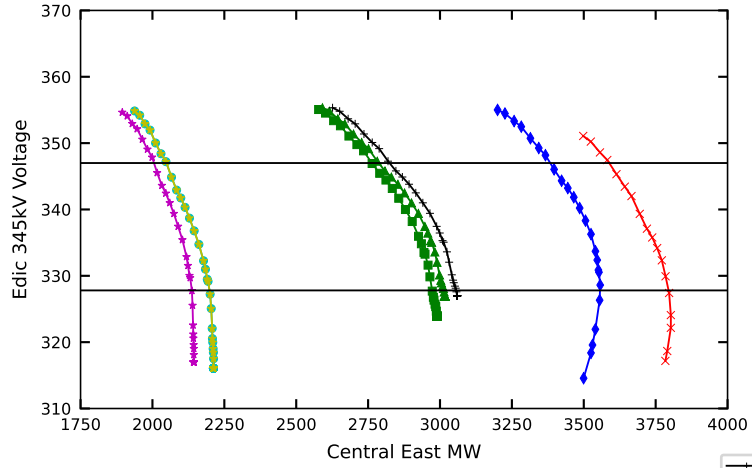
1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A Figure 1



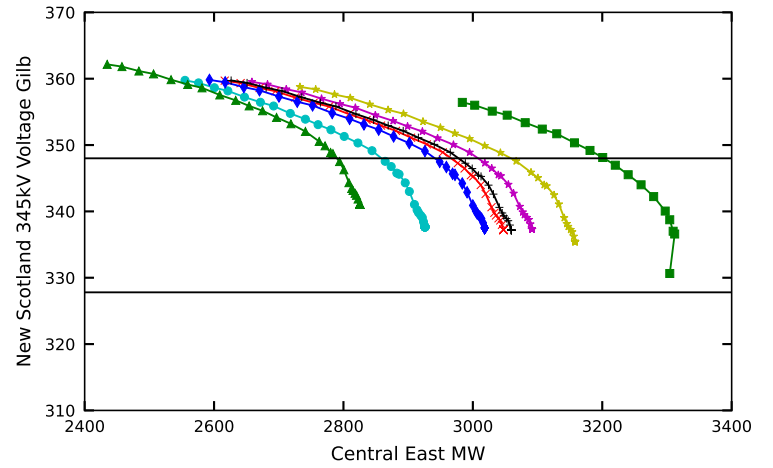
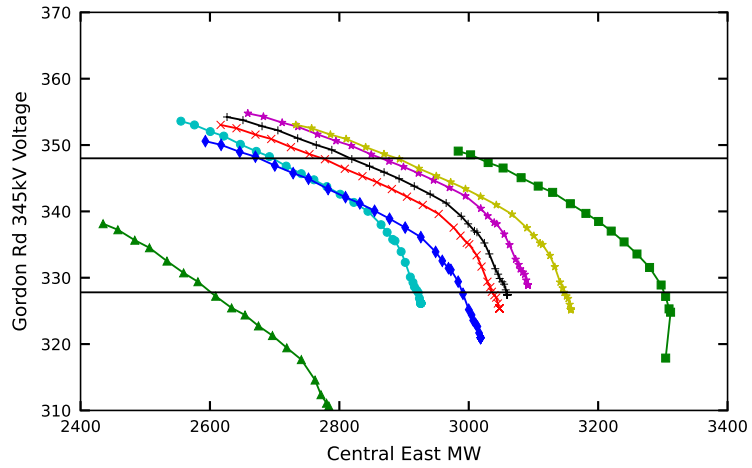
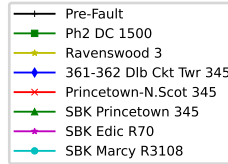
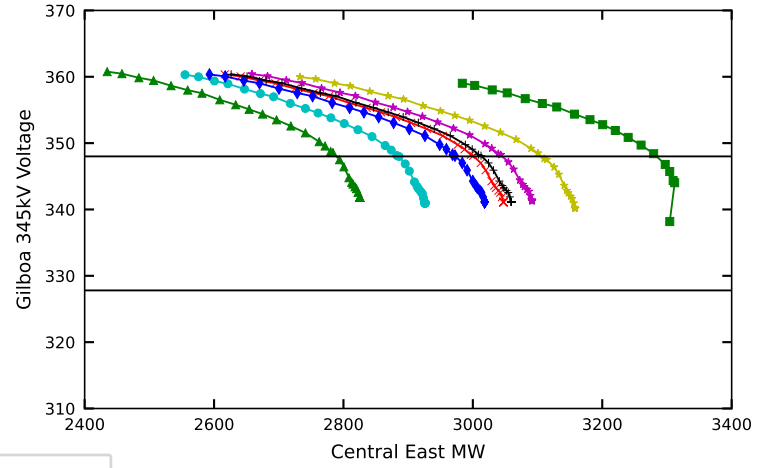
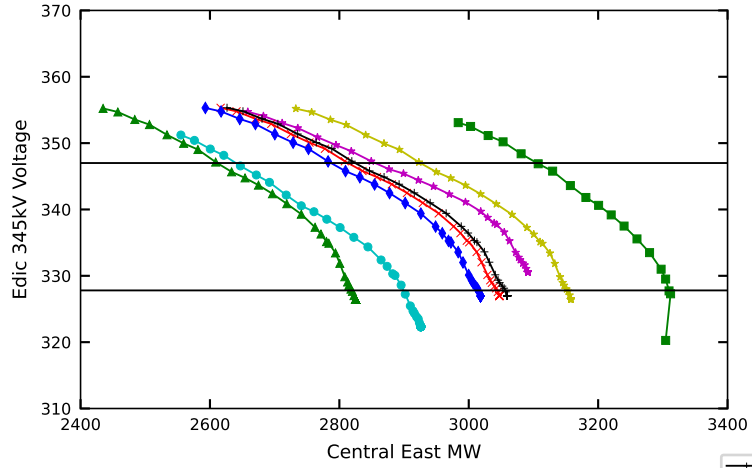
1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A Figure 2



1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A Figure 1



1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A

Interface: Central East

	8																
3059	t2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2
	9																
3059	t3	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2
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3059	t3	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2
	1																
3059	t3	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2
	2																
3059	t3	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2
	3																
3059	t3	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2
	4																
3059	t3	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2
	5																
3059	t3	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2
	6																
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	7																
3059	t3	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2
	8																
3059	t3	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2
	9																
3059	t4	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2
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Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

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Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 5O 2A

Interface: Central East

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Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1971 >E	Dunwoodie 345kV Voltage	Pre-Fault	174.8	NA	348	1971
2019 >E	Sprain Brook 345kV Voltage	Pre-Fault	169.8	NA	348	2019
2807	Marcy 345kV Voltage	Pre-Fault	16.1	NA	348	2807
2810	Gordon Rd 345kV Voltage	SBK Princetown 345	14.1	327.8	348.3	2601
2816	Gordon Rd 345kV Voltage	Pre-Fault	22.2	NA	348	2816
2823	Millwood 345kV Voltage	Pre-Fault	107.3	NA	348	2823
2824	Edic 345kV Voltage	Pre-Fault	18.7	NA	347	2824
2838	limit with 5% margin	Marcy South N.	NA	NA	NA	3612
2862	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3146
2872	limit with 5% margin	Marcy South S.	NA	NA	NA	3379
2890	Gordon Rd 345kV Voltage	Marcy South N.	13.3	327.8	345.0	3753
2901	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2036
2904	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2101
2904	limit with 5% margin	SBK Edic R945	NA	NA	NA	2101
2906	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2865
2906	limit with 5% margin	Volney-Marcy	NA	NA	NA	2839
2906	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2779
2906	limit with 5% margin	SBK Edic R70	NA	NA	NA	2936
2906	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2683
2906	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2894
2906	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2867
2906	limit with 5% margin	Ravenswood 3	NA	NA	NA	3000
2927	Buchanan North 345kV Voltage	Pre-Fault	64.9	NA	346	2927
2947	Gordon Rd 345kV Voltage	Marcy South S.	9.7	327.8	342.2	3511
2961	Edic 345kV Voltage	Marcy South N.	9.8	327.8	339.7	3794
2962	Marcy 345kV Voltage	Marcy South N.	9.7	327.8	339.5	3795
2977	New Scotland 345kV Voltage Alps	Pre-Fault	14.2	NA	348	2977
2977	New Scotland 345kV Voltage Gilb	Pre-Fault	14.2	NA	348	2977
2991 >E	Oakdale 345kV Voltage	Marcy South N.	6.5	320	341.9	3803
2995	Gordon Rd 345kV Voltage	Ph2 DC 1500	6.2	327.8	338.5	3301
3002	Pleasant Valley 345kV Voltage	Pre-Fault	15.9	NA	348	3002
3003	Rock Tavern 345kV Voltage	Pre-Fault	14.4	NA	348	3003
3008	Edic 345kV Voltage	Ph2 DC 1500	5.5	327.8	335.4	3309
3008	Marcy 345kV Voltage	Ph2 DC 1500	8.6	327.8	335.2	3309
3013	Gilboa 345kV Voltage	Pre-Fault	10.4	NA	348	3013
3016	Station 80 345kV Voltage	Pre-Fault	18.9	NA	346	3016
3016	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.8	327.8	334.5	2195
3016	Marcy 345kV Voltage	SBK Edic R945	5.8	327.8	334.4	2195
3017	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.8	327.8	336.2	2133
3018	New Scotland 345kV Voltage Alps	Marcy South S.	4.7	327.8	344.6	3554

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3018	New Scotland 345kV Voltage Gilb	Marcy South S.	4.7	327.8	344.6	3554
3018 >E	New Scotland 345kV Voltage Alps	Marcy South N.	7.9	327.8	345.1	3810
3018 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	7.9	327.8	345.1	3810
3019	Buchanan South 345kV Voltage	Pre-Fault	21.6	NA	346	3019
3019	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	339.0	2197
3019	Coopers Corners 345kV Voltage	SBK Edic R945	5.3	327.8	339.0	2197
3020	Edic 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	334.0	2198
3020	Edic 345kV Voltage	SBK Edic R945	5.9	327.8	334.0	2198
3021	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.3	327.8	338.8	2135
3022	Pannell Road 345kV Voltage	Pre-Fault	20.4	NA	346	3022
3023	Edic 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	333.7	2137
3027	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.4	327.8	332.8	2138
3027	Coopers Corners 345kV Voltage	Pre-Fault	6.3	NA	338	3027
3027	Fraser 345kV Voltage	Pre-Fault	4.6	NA	338	3027
3028	Edic 345kV Voltage	SBK Marcy R3108	5.6	327.8	332.7	2899
3028 >E	Edic 345kV Voltage	Marcy South S.	6.0	327.8	333.0	3558
3030 >E	Marcy 345kV Voltage	Marcy South S.	5.9	327.8	332.7	3559
3030	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	4.2	327.8	333.8	2990
3033	Fraser 345kV Voltage	SBK Edic R945	2.3	327.8	336.7	2204
3033	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.3	327.8	336.7	2204
3033	Fraser 345kV Voltage	Marcy-N.Scot99 345	2.3	327.8	336.6	2139
3034	Oakdale 345kV Voltage	Pre-Fault	3.1	NA	335	3034
3035	Clay 345kV Voltage	Pre-Fault	9.0	NA	345	3035
3037 >E	Ramapo 500kV Voltage	Ph2 DC 1500	19.4	500	506.9	3327
3040	Ramapo 500kV Voltage	Ravenswood 3	4.1	500	505.1	3140
3040	Edic 345kV Voltage	Volney-Marcy	4.3	327.8	330.2	2972
3040	Marcy 345kV Voltage	Volney-Marcy	4.2	327.8	330.0	2972
3044	Ramapo 345kV Voltage	Pre-Fault	12.4	NA	346	3044
3046	Oakdale 345kV Voltage	SBK Edic R945	5.0	320	331.8	2209
3046	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	5.0	320	331.8	2209
3047	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.9	320	331.8	2142
3047	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	330.0	3004
3047	Gordon Rd 345kV Voltage	Ravenswood 3	3.7	327.8	329.9	3147
3048	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	7.8	327.8	329.8	3036
3049 >E	Gilboa 345kV Voltage	Marcy South S.	4.9	327.8	344.6	3566
3053	Marcy 345kV Voltage	SBK Princetown 345	8.1	327.8	328.1	2818
3053	Edic 345kV Voltage	SBK Princetown 345	8.2	327.8	328.3	2819
3053	Edic 345kV Voltage	Ravenswood 3	8.3	327.8	328.3	3152
3053	Marcy 345kV Voltage	Ravenswood 3	8.2	327.8	328.1	3152
3054	Gordon Rd 345kV Voltage	SBK Marcy R3108	7.7	327.8	329.1	2921

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3055	Marcy 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	327.8	3012
3055	Marcy 345kV Voltage	SBK Marcy R3108	4.7	327.8	327.8	2922
3055	Marcy 345kV Voltage	SBK Edic R70	4.7	327.8	327.8	3086
3055	Marcy 345kV Voltage	Princeton-N.Scot 345	4.7	327.8	327.8	3043
3055	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	327.8	3013
3055	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	327.8	3014
3056	Edic 345kV Voltage	N.Scot-Leeds 345	4.7	327.8	327.8	3013
3056	Edic 345kV Voltage	Princeton-N.Scot 345	4.7	327.8	327.8	3043
3058	Gordon Rd 345kV Voltage	Volney-Marcy	3.0	327.8	327.9	2987
3059	Coopers Corners 345kV Voltage	Ravenswood 3	3.0	327.8	332.1	3157
3060 >E	Ladentown 345kV Voltage	Pre-Fault	4.7	NA	346	3060
3060 >E	Leeds 345kV Voltage	Pre-Fault	3.7	NA	345	3060
3062 >E	Ramapo 500kV Voltage	SBK Princetown 345	1.3	500	500.5	2828
3062 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	1.3	500	500.3	3019
3062 >E	Ramapo 500kV Voltage	Volney-Marcy	1.3	500	500.2	2990
3062 >E	Ramapo 500kV Voltage	SBK Edic R70	1.3	500	500.1	3094
3062 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	1.3	500	500.1	3021
3062 >E	Ramapo 500kV Voltage	SBK Marcy R3108	1.3	500	500.1	2928
3062 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	1.3	500	500.0	3050
3062 >E	Ramapo 500kV Voltage	Pre-Fault	1.3	NA	500	3062
3063 >E	Gordon Rd 345kV Voltage	SBK Edic R70	3.3	327.8	326.3	3095
3067 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	3.4	327.8	329.9	2833
3068 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	327.8	3025
3068 >E	Fraser 345kV Voltage	Volney-Marcy	3.0	327.8	327.8	2994
3068 >E	Fraser 345kV Voltage	SBK Marcy R3108	3.0	327.8	327.8	2933
3068 >E	Fraser 345kV Voltage	SBK Edic R70	3.0	327.8	327.8	3100
3068 >E	Fraser 345kV Voltage	SBK Princetown 345	3.0	327.8	327.8	2835
3068 >E	Fraser 345kV Voltage	Princeton-N.Scot 345	3.0	327.8	327.8	3056
3068 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.0	327.8	327.8	3027
3068 >E	Fraser 345kV Voltage	Ravenswood 3	3.0	327.8	327.8	3165
3069 >E	Roseton 345kV Voltage	Pre-Fault	5.5	NA	345	3069
3070 >E	Ramapo 500kV Voltage	SBK Edic R945	20.0	500	503.9	2216
3070 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	20.0	500	503.9	2216
3070 >E	Coopers Corners 345kV Voltage	SBK Edic R70	3.5	327.8	328.9	3103
3071 >E	Edic 345kV Voltage	SBK Edic R70	4.4	327.8	324.0	3104
3071 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	3.5	327.8	328.6	3028
3072 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	27.9	500	504.2	2147

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3072 >E	Bowline 1 345kV Voltage	Pre-Fault	4.7	NA	345	3072
3073 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	3.6	327.8	328.2	3032
3073 >E	Bowline 2 345kV Voltage	Pre-Fault	4.7	NA	345	3073
3074 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	3.6	327.8	327.9	3062
3075 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.0	320	324.1	2940
3075 >E	Coopers Corners 345kV Voltage	Volney-Marcy	3.5	327.8	327.6	2999
3075 >E	Dunwoodie 345kV Voltage	Ravenswood 3	4.6	327.8	336.1	3171
3075 >E	Gordon Rd 345kV Voltage	SBK Edic R945	2.7	327.8	322.0	2217
3075 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	322.0	2217
3076 >E	Gilboa 345kV Voltage	SBK Edic R945	3.0	327.8	337.0	2217
3076 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	337.0	2217
3076 >E	Sprain Brook 345kV Voltage	Ravenswood 3	4.7	327.8	336.1	3172
3078 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.1	320	329.0	3352
3078 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	2.9	327.8	331.1	3035
3078 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	2.9	327.8	331.1	3035
3078 >E	Oakdale 345kV Voltage	Volney-Marcy	3.0	320	323.1	3001
3082 >E	Oakdale 345kV Voltage	Ravenswood 3	3.1	320	321.9	3176
3082 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	3.0	327.8	329.8	3177
3082 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	3.0	327.8	329.8	3177
3082 >E	Buchanan North 345kV Voltage	Ravenswood 3	3.9	327.8	335.7	3177
3083 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	3.3	327.8	331.3	2219
3083 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	3.3	327.8	331.3	2219
3083 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	3.3	327.8	331.3	2219
3083 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	3.3	327.8	331.3	2219
3083 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.1	320	321.4	2852
3084 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	3.6	327.8	325.1	2948
3084 >E	Leeds 345kV Voltage	Marcy South S.	5.7	327.8	345.2	3579
3087 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	3.1	320	320.2	3046
3087 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.1	320	320.2	3044
3087 >E	Millwood 345kV Voltage	Ravenswood 3	4.4	327.8	336.2	3181
3087 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.1	320	320.1	3075
3087 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	3.0	327.8	328.1	3008
3087 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	3.0	327.8	328.1	3008
3088 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	3.1	327.8	327.8	3076
3088 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	3.1	327.8	327.8	3076
3089 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	3.1	327.8	327.6	3123
3089 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	3.1	327.8	327.6	3123
3089 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	3.1	327.8	327.5	3048

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3089 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	3.1	327.8	327.5	3048
3089 >E	St.Lawrence 230kV Voltage	Pre-Fault	13.0	NA	225	3089
3089 >E	Oakdale 345kV Voltage	SBK Edic R70	3.2	320	319.4	3123
3090 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	3.1	327.8	327.2	2954
3090 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	3.1	327.8	327.2	2954
3092 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	9.1	327.8	341.7	3361
3092 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	9.1	327.8	341.7	3361
3093 >E	Buchanan South 345kV Voltage	Ravenswood 3	4.1	327.8	336.4	3186
3093 >E	Rock Tavern 345kV Voltage	Ravenswood 3	3.4	327.8	335.4	3187
3096 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	329.3	3053
3096 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	5.6	327.8	338.1	2151
3097 >E	Gilboa 345kV Voltage	Ravenswood 3	3.0	327.8	329.0	3189
3098 >E	Fraser 345kV Voltage	Marcy South S.	6.8	327.8	327.8	3585
3098 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	3.0	327.8	324.4	2869
3098 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	3.0	327.8	324.4	2869
3099 >E	Clay 345kV Voltage	SBK Edic R945	4.8	327.8	338.3	2224
3099 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.8	327.8	338.3	2224
3100 >E	Gilboa 345kV Voltage	Volney-Marcy	3.1	327.8	328.0	3017
3100 >E	Gilboa 345kV Voltage	SBK Marcy R3108	3.1	327.8	328.0	2963
3100 >E	Ramapo 345kV Voltage	Ravenswood 3	3.6	327.8	335.8	3192
3100 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	3.1	327.8	327.8	3060
3100 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	3.1	327.8	327.8	3088
3101 >E	Fraser 345kV Voltage	Ph2 DC 1500	7.9	327.8	334.1	3367
3101 >E	Gilboa 345kV Voltage	SBK Edic R70	3.1	327.8	327.5	3136
3102 >E	Gilboa 345kV Voltage	SBK Princetown 345	3.1	327.8	327.2	2873
3103 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	10.6	327.8	336.5	3368
3104 >E	Ladentown 345kV Voltage	Ravenswood 3	3.7	327.8	336.5	3196
3110 >E	Bowline 1 345kV Voltage	Ravenswood 3	3.6	327.8	336.9	3201
3111 >E	Bowline 2 345kV Voltage	Ravenswood 3	3.7	327.8	336.9	3201
3113 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	4.5	327.8	333.6	3203
3115 >E	Roseton 345kV Voltage	Ravenswood 3	3.7	327.8	336.7	3205
3118 >E	Buchanan North 345kV Voltage	SBK Princetown 345	4.7	327.8	328.6	2891
3118 >E	Rock Tavern 345kV Voltage	SBK Edic R945	6.5	327.8	335.9	2229
3118 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	6.5	327.8	335.9	2229
3119 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	4.8	327.8	328.4	3076
3119 >E	Buchanan North 345kV Voltage	SBK Edic R70	4.9	327.8	328.3	3155
3120 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	7.2	327.8	331.1	2156
3120 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	7.2	327.8	331.1	2156
3121 >E	St.Lawrence 230kV Voltage	Volney-Marcy	7.9	218.5	222.6	3031

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3121 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	4.3	327.8	329.6	2894
3121 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	327.8	327.8	3081
3121 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	5.0	327.8	327.8	3109
3122 >E	Buchanan North 345kV Voltage	Volney-Marcy	4.9	327.8	327.7	3032
3122 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	4.8	327.8	327.7	2984
3122 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	5.8	327.8	328.2	3079
3123 >E	Dunwoodie 345kV Voltage	SBK Edic R70	5.9	327.8	328.1	3159
3123 >E	Clay 345kV Voltage	Marcy South N.	12.8	327.8	342.5	3837
3123 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	5.7	327.8	328.0	2897
3124 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	3.7	327.8	327.8	3081
3124 >E	Leeds 345kV Voltage	Volney-Marcy	3.7	327.8	327.8	3033
3124 >E	Leeds 345kV Voltage	SBK Marcy R3108	3.7	327.8	327.8	2985
3124 >E	Leeds 345kV Voltage	SBK Edic R70	3.7	327.8	327.8	3160
3124 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	3.7	327.8	327.8	3112
3124 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	3.7	327.8	327.8	3084
3124 >E	Leeds 345kV Voltage	Ravenswood 3	3.7	327.8	327.8	3212
3124 >E	Leeds 345kV Voltage	SBK Princetown 345	3.7	327.8	327.8	2898
3124 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	9.0	218.5	222.3	2986
3125 >E	Rock Tavern 345kV Voltage	SBK Edic R70	4.5	327.8	328.8	3161
3125 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	6.0	327.8	327.8	3113
3125 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	4.5	327.8	328.7	3082
3125 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	6.0	327.8	327.8	3085
3125 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	328.2	3082
3126 >E	Dunwoodie 345kV Voltage	Volney-Marcy	5.9	327.8	327.6	3035
3126 >E	Sprain Brook 345kV Voltage	SBK Edic R70	6.1	327.8	328.1	3163
3126 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	5.8	327.8	327.5	2988
3126 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	5.9	327.8	328.1	2901
3128 >E	St.Lawrence 230kV Voltage	SBK Edic R945	10.0	218.5	224.9	2231
3128 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	10.0	218.5	224.9	2231
3128 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	6.2	327.8	327.8	3116
3128 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	6.2	327.8	327.8	3088
3128 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	327.9	3088
3129 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	3117
3129 >E	Sprain Brook 345kV Voltage	Volney-Marcy	6.2	327.8	327.6	3037
3130 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	6.0	327.8	327.5	2991
3130 >E	Rock Tavern 345kV Voltage	Volney-Marcy	4.7	327.8	327.7	3037

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3131 >E	Ramapo 345kV Voltage	SBK Princetown 345	4.3	327.8	329.1	2905
3131 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	4.5	327.8	327.3	2992
3132 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	328.4	3088
3133 >E	Millwood 345kV Voltage	SBK Edic R70	5.6	327.8	328.2	3170
3133 >E	Millwood 345kV Voltage	SBK Princetown 345	5.4	327.8	328.2	2907
3133 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	4.4	327.8	328.5	3090
3134 >E	Ramapo 345kV Voltage	SBK Edic R70	4.4	327.8	328.5	3171
3135 >E	Buchanan South 345kV Voltage	SBK Princetown 345	5.0	327.8	328.5	2910
3135 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	5.7	327.8	327.8	3123
3135 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	327.8	3095
3135 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	5.2	327.8	328.4	3092
3136 >E	Buchanan South 345kV Voltage	SBK Edic R70	5.2	327.8	328.3	3173
3136 >E	Millwood 345kV Voltage	Volney-Marcy	5.7	327.8	327.6	3042
3136 >E	Millwood 345kV Voltage	SBK Marcy R3108	5.5	327.8	327.6	2996
3136 >E	Ramapo 345kV Voltage	SBK Marcy R3108	4.3	327.8	327.9	2997
3136 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	4.5	327.8	327.9	3096
3137 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	4.6	327.8	327.8	3125
3137 >E	Ramapo 345kV Voltage	Volney-Marcy	4.5	327.8	327.8	3042
3138 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	5.3	327.8	327.8	3098
3138 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	5.3	327.8	327.8	3126
3139 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	5.1	327.8	327.7	2999
3139 >E	Buchanan South 345kV Voltage	Volney-Marcy	5.3	327.8	327.7	3044
3139 >E	Clay 345kV Voltage	Volney-Marcy	6.4	327.8	332.4	3044
3139 >E	Ladentown 345kV Voltage	SBK Princetown 345	4.4	327.8	329.1	2915
3140 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	5.3	327.8	328.5	3097
3142 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	328.6	3099
3142 >E	Ladentown 345kV Voltage	SBK Edic R70	4.6	327.8	328.5	3180
3143 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	5.4	327.8	328.0	3181
3144 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	5.4	327.8	327.8	3132
3145 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	5.4	327.8	327.7	3105
3145 >E	Ladentown 345kV Voltage	SBK Marcy R3108	4.5	327.8	327.9	3005
3145 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	327.9	3105
3145 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	5.4	327.8	327.6	3048
3145 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	3133
3145 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	5.3	327.8	327.6	2922
3146 >E	Ladentown 345kV Voltage	Volney-Marcy	4.7	327.8	327.8	3048

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3146 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	9.3	327.8	338.7	2161
3146 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	5.4	327.8	327.4	3006
3147 >E	Bowline 1 345kV Voltage	SBK Princetown 345	4.4	327.8	329.2	2923
3147 >E	Clay 345kV Voltage	SBK Marcy R3108	7.4	327.8	331.4	3007
3147 >E	Bowline 2 345kV Voltage	SBK Princetown 345	4.4	327.8	329.2	2924
3148 >E	Pleasant Valley 345kV Voltage	Marcy South S.	10.2	327.8	339.1	3603
3149 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	5.1	327.8	327.8	2237
3149 >E	Leeds 345kV Voltage	SBK Edic R945	5.1	327.8	327.8	2237
3149 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	328.6	3106
3149 >E	Fraser 345kV Voltage	Marcy South N.	10.6	327.8	327.8	3844
3150 >E	Bowline 1 345kV Voltage	SBK Edic R70	4.6	327.8	328.5	3188
3150 >E	Pannell Road 345kV Voltage	SBK Edic R945	7.7	327.8	336.4	2237
3150 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	7.7	327.8	336.4	2237
3150 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	328.6	3107
3150 >E	Bowline 2 345kV Voltage	SBK Edic R70	4.6	327.8	328.5	3189
3152 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	4.5	327.8	328.0	3011
3153 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	327.9	3113
3153 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	4.5	327.8	328.0	3012
3153 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	3141
3153 >E	Bowline 1 345kV Voltage	Volney-Marcy	4.7	327.8	327.8	3054
3154 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	4.7	327.8	327.9	3114
3154 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	4.7	327.8	327.8	3142
3154 >E	Bowline 2 345kV Voltage	Volney-Marcy	4.7	327.8	327.8	3054
3156 >E	St.Lawrence 230kV Voltage	Ravenswood 3	11.6	218.5	219.8	3240
3159 >E	Station 80 345kV Voltage	Volney-Marcy	6.8	327.8	330.2	3057
3160 >E	Roseton 345kV Voltage	SBK Princetown 345	5.3	327.8	328.5	2938
3160 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	5.4	327.8	328.4	3117
3160 >E	Clay 345kV Voltage	Ravenswood 3	7.1	327.8	329.7	3243
3161 >E	Roseton 345kV Voltage	SBK Edic R70	5.4	327.8	328.3	3200
3162 >E	Station 80 345kV Voltage	Ravenswood 3	7.2	327.8	329.7	3245
3164 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	5.5	327.8	327.8	3124
3164 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	327.8	3152
3164 >E	Roseton 345kV Voltage	Volney-Marcy	5.5	327.8	327.7	3061
3165 >E	Roseton 345kV Voltage	SBK Marcy R3108	5.4	327.8	327.6	3023
3165 >E	Station 80 345kV Voltage	SBK Marcy R3108	7.3	327.8	329.3	3024
3171 >E	Oakdale 345kV Voltage	Marcy South S.	8.0	320	318.1	3612
3172 >E	Clay 345kV Voltage	SBK Princetown 345	7.8	327.8	328.2	2952
3172 >E	Pannell Road 345kV Voltage	Volney-Marcy	7.9	327.8	331.0	3067

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3173 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	13.0	218.5	218.5	3161
3174 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	13.0	218.5	218.5	3134
3174 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	13.0	218.5	218.5	3131
3175 >E	Station 80 345kV Voltage	SBK Edic R945	9.2	327.8	335.6	2244
3175 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	9.2	327.8	335.6	2244
3175 >E	Clay 345kV Voltage	N.Scot-Leeds 345	7.8	327.8	327.9	3132
3175 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	7.8	327.8	327.9	3136
3175 >E	Clay 345kV Voltage	Princetown-N.Scot 345	7.8	327.8	327.8	3163
3176 >E	Station 80 345kV Voltage	SBK Princetown 345	7.6	327.8	327.9	2956
3176 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	13.1	218.5	218.3	2956
3176 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	7.6	327.8	327.8	3137
3177 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	7.6	327.8	327.8	3133
3177 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	7.6	327.8	327.8	3165
3179 >E	St.Lawrence 230kV Voltage	SBK Edic R70	13.5	218.5	218.1	3219
3182 >E	Station 80 345kV Voltage	SBK Edic R70	7.8	327.8	327.1	3222
3182 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	8.8	327.8	329.9	3039
3183 >E	Pannell Road 345kV Voltage	Ravenswood 3	8.5	327.8	329.9	3262
3186 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	16.7	218.5	224.4	2169
3193 >E	Clay 345kV Voltage	SBK Edic R70	8.4	327.8	325.6	3234
3200 >E	Pannell Road 345kV Voltage	SBK Princetown 345	9.2	327.8	328.0	2983
3201 >E	Gilboa 345kV Voltage	Ph2 DC 1500	11.6	327.8	340.7	3429
3201 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	9.0	327.8	329.2	2251
3201 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	9.0	327.8	329.2	2251
3201 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	9.2	327.8	327.8	3162
3201 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	9.2	327.8	327.8	3158
3201 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	9.2	327.8	327.8	3189
3202 >E	Buchanan North 345kV Voltage	SBK Edic R945	13.8	327.8	332.7	2251
3202 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	13.8	327.8	332.7	2251
3202 >E	Leeds 345kV Voltage	Marcy South N.	11.2	327.8	343.4	3858
3205 >E	Gilboa 345kV Voltage	Marcy South N.	12.4	327.8	337.2	3858
3209 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	15.5	327.8	338.6	2173
3211 >E	Watercure 230kV Voltage	Pre-Fault	8.8	NA	215	3211
3212 >E	Pannell Road 345kV Voltage	SBK Edic R70	9.6	327.8	326.7	3254
3222 >E	Ramapo 345kV Voltage	SBK Edic R945	11.5	327.8	334.3	2256
3222 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	11.5	327.8	334.3	2256
3224 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	9.1	327.8	327.8	2176
3231 >E	Clay 345kV Voltage	Marcy South S.	12.6	327.8	333.0	3635

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3232 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	9.9	327.8	332.1	2259
3232 >E	Roseton 345kV Voltage	SBK Edic R945	9.9	327.8	332.1	2259
3241 >E	Clay 345kV Voltage	Ph2 DC 1500	15.5	327.8	338.3	3454
3243 >E	Somerset 345kV Voltage	Pre-Fault	14.4	NA	338	3243
3250 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	14.2	327.8	332.3	2264
3250 >E	Buchanan South 345kV Voltage	SBK Edic R945	14.2	327.8	332.3	2264
3251 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	15.5	327.8	331.3	2264
3251 >E	Millwood 345kV Voltage	SBK Edic R945	15.5	327.8	331.3	2264
3254 >E	Ladentown 345kV Voltage	SBK Edic R945	12.4	327.8	334.3	2265
3254 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	12.4	327.8	334.3	2265
3256 >E	Dunwoodie 345kV Voltage	Marcy South S.	18.3	327.8	331.6	3644
3259 >E	Watercure 230kV Voltage	Volney-Marcy	8.3	207	209.6	3127
3259 >E	Sprain Brook 345kV Voltage	Marcy South S.	18.3	327.8	331.6	3645
3261 >E	Ramapo 500kV Voltage	Marcy South S.	40.4	500	504.3	3646
3263 >E	Watercure 230kV Voltage	SBK Marcy R3108	8.6	207	209.1	3114
3265 >E	St.Lawrence 230kV Voltage	Marcy South N.	28.2	218.5	223.7	3874
3266 >E	Pannell Road 345kV Voltage	Marcy South N.	21.1	327.8	339.5	3874
3266 >E	Millwood 345kV Voltage	Marcy South S.	16.3	327.8	332.7	3648
3266 >E	Watercure 230kV Voltage	Ravenswood 3	8.6	207	208.7	3333
3269 >E	Leeds 345kV Voltage	Ph2 DC 1500	12.0	327.8	344.5	3472
3277 >E	Watercure 230kV Voltage	SBK Princetown 345	8.8	207	207.6	3069
3278 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	12.6	327.8	334.8	2272
3278 >E	Bowline 1 345kV Voltage	SBK Edic R945	12.6	327.8	334.8	2272
3278 >E	Rainey 345kV Voltage	Ravenswood 3	12.3	327.8	342.9	3344
3279 >E	Bowline 2 345kV Voltage	SBK Edic R945	12.5	327.8	334.8	2272
3279 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	12.5	327.8	334.8	2272
3281 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	21.1	327.8	330.9	2272
3281 >E	Sprain Brook 345kV Voltage	SBK Edic R945	21.1	327.8	330.9	2272
3281 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	8.8	207	207.1	3243
3281 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	8.8	207	207.0	3238
3282 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	8.8	207	207.0	3270
3283 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	21.4	327.8	330.8	2273
3283 >E	Dunwoodie 345kV Voltage	SBK Edic R945	21.4	327.8	330.8	2273
3287 >E	Watercure 230kV Voltage	SBK Edic R70	9.0	207	206.4	3335
3293 >E	Farragut 345kV Voltage	Ravenswood 3	12.9	327.8	342.2	3356
3298 >E	St.Lawrence 230kV Voltage	Marcy South S.	26.8	218.5	220.6	3660
3299 >E	Roseton 345kV Voltage	Marcy South S.	13.5	327.8	334.5	3660
3325 >E	Station 80 345kV Voltage	Marcy South S.	17.5	327.8	329.6	3670
3329 >E	Station 80 345kV Voltage	Marcy South N.	24.2	327.8	338.1	3891
3330 >E	Buchanan South 345kV Voltage	Marcy South S.	17.3	327.8	331.6	3672

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3332 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	18.0	327.8	343.3	3511
3335 >E	Pannell Road 345kV Voltage	Marcy South S.	18.1	327.8	330.7	3674
3339 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	13.6	207	220.3	2198
3345 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	24.2	327.8	340.7	3519
3347 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	16.2	327.8	333.1	2200
3350 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	23.4	327.8	340.2	2200
3351 >E	Somerset 345kV Voltage	Volney-Marcy	12.9	327.8	330.4	3191
3354 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	22.8	327.8	337.2	3525
3355 >E	Somerset 345kV Voltage	Ravenswood 3	13.5	327.8	330.2	3409
3355 >E	Pleasant Valley 345kV Voltage	Marcy South N.	21.0	327.8	337.4	3897
3363 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	28.5	327.8	335.5	2203
3367 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	20.2	327.8	343.0	3533
3368 >E	Buchanan North 345kV Voltage	Marcy South S.	20.1	327.8	328.4	3687
3372 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	40.2	218.5	224.7	3536
3378 >E	Somerset 345kV Voltage	SBK Marcy R3108	14.0	327.8	328.5	3220
3387 >E	Rainey 345kV Voltage	Pre-Fault	22.2	NA	338	3387
3389 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	14.4	327.8	327.8	3378
3389 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	14.4	327.8	327.8	3353
3389 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	14.4	327.8	327.8	3345
3390 >E	Somerset 345kV Voltage	SBK Princetown 345	14.4	327.8	327.8	3197
3391 >E	Farragut 345kV Voltage	Pre-Fault	23.2	NA	338	3391
3398 >E	Somerset 345kV Voltage	SBK Edic R70	14.8	327.8	327.2	3453
3405 >E	Station 80 345kV Voltage	Ph2 DC 1500	26.7	327.8	337.0	3556
3408 >E	Goethals 345kV Voltage	Ravenswood 3	17.5	327.8	341.5	3454
3410 >E	Millwood 345kV Voltage	Ph2 DC 1500	26.1	327.8	341.6	3560
3412 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	24.4	327.8	338.5	2213
3415 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	21.7	327.8	330.2	2213
3420 >E	Coopers Corners 345kV Voltage	Marcy South N.	17.2	327.8	311.2	3914
3420 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	24.7	327.8	342.8	3566
3425 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	31.3	327.8	339.7	3569
3429 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	31.7	327.8	339.7	3571
3434 >E	Ramapo 345kV Voltage	Ph2 DC 1500	23.1	327.8	344.3	3574
3442 >E	Ramapo 500kV Voltage	Marcy South N.	66.2	500	504.5	3920
3446 >E	Somerset 345kV Voltage	SBK Edic R945	18.0	327.8	337.8	2317
3446 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	18.0	327.8	337.8	2317
3455 >E	Watercure 230kV Voltage	SBK Edic R945	19.1	207	230.5	2319
3455 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	19.1	207	230.5	2319
3463 >E	Ladentown 345kV Voltage	Ph2 DC 1500	23.1	327.8	345.3	3593
3468 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	31.2	327.8	340.7	2223
3471 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	25.6	327.8	338.7	2224

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3484 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	30.7	327.8	335.7	2226
3486 >E	Rock Tavern 345kV Voltage	Marcy South S.	17.7	327.8	317.3	3731
3490 >E	Ladentown 345kV Voltage	Marcy South S.	19.9	327.8	328.2	3732
3499 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	23.0	327.8	346.6	3615
3506 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	34.9	327.8	334.2	2231
3506 >E	Roseton 345kV Voltage	Ph2 DC 1500	23.4	327.8	345.3	3620
3509 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	23.0	327.8	346.9	3621
3512 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	25.4	327.8	339.6	2232
3516 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	25.5	327.8	339.7	2233
3522 >E	Goethals 345kV Voltage	Pre-Fault	32.1	NA	338	3522
3523 >E	Bowline 1 345kV Voltage	Marcy South S.	19.9	327.8	328.3	3745
3524 >E	Ramapo 345kV Voltage	Marcy South S.	21.7	327.8	326.1	3745
3528 >E	Bowline 2 345kV Voltage	Marcy South S.	19.8	327.8	328.4	3747
3556 >E	Niagara 230kV East Voltage	Pre-Fault	64.3	NA	225	3556
3556 >E	Niagara 230kV West Voltage	Pre-Fault	64.3	NA	225	3556
3570 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	47.1	327.8	333.7	2243
3575 >E	Millwood 345kV Voltage	Marcy South N.	33.5	327.8	332.3	3954
3577 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	48.1	327.8	333.5	2245
3581 >E	Dunwoodie 345kV Voltage	Marcy South N.	39.1	327.8	331.5	3956
3585 >E	Sprain Brook 345kV Voltage	Marcy South N.	39.1	327.8	331.4	3957
3587 >E	Rainey 345kV Voltage	SBK Princetown 345	21.1	327.8	329.0	3419
3599 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	21.7	327.8	328.5	3553
3599 >E	Niagara 345kV Voltage	Pre-Fault	28.7	NA	338	3599
3599 >E	Rainey 345kV Voltage	SBK Marcy R3108	21.5	327.8	328.5	3424
3600 >E	Farragut 345kV Voltage	SBK Princetown 345	22.0	327.8	329.0	3433
3602 >E	Rainey 345kV Voltage	SBK Edic R70	21.8	327.8	328.3	3672
3612 >E	Rainey 345kV Voltage	Volney-Marcy	22.1	327.8	327.9	3371
3612 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	22.6	327.8	328.5	3567
3612 >E	Farragut 345kV Voltage	SBK Marcy R3108	22.4	327.8	328.4	3436
3613 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	22.2	327.8	327.8	3581
3613 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	22.2	327.8	327.8	3602
3615 >E	Farragut 345kV Voltage	SBK Edic R70	22.7	327.8	328.3	3686
3621 >E	Coopers Corners 345kV Voltage	Marcy South S.	16.6	327.8	267.6	3782
3625 >E	Farragut 345kV Voltage	Volney-Marcy	23.0	327.8	327.9	3381
3627 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	23.2	327.8	327.8	3595
3627 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	23.2	327.8	327.8	3616
3631 >E	Roseton 345kV Voltage	Marcy South N.	27.7	327.8	334.4	3969
3670 >E	Buchanan South 345kV Voltage	Marcy South N.	34.6	327.8	331.7	3979
3678 >E	Buchanan North 345kV Voltage	Marcy South N.	38.2	327.8	329.5	3981

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3702 >E	Rock Tavern 345kV Voltage	Marcy South N.	28.7	327.8	323.9	3987
3802 >E	Niagara 345kV Voltage	Volney-Marcy	25.7	327.8	330.9	3503
3808 >E	Goethals 345kV Voltage	SBK Princetown 345	30.4	327.8	329.1	3668
3818 >E	Niagara 345kV Voltage	Ravenswood 3	26.8	327.8	330.4	3802
3820 >E	Somerset 345kV Voltage	Marcy South S.	33.1	327.8	329.0	3856
3824 >E	Goethals 345kV Voltage	SBK Marcy R3108	30.9	327.8	328.6	3632
3827 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	31.3	327.8	328.5	3781
3833 >E	Goethals 345kV Voltage	SBK Edic R70	31.5	327.8	328.3	3919
3844 >E	Goethals 345kV Voltage	Volney-Marcy	31.8	327.8	328.0	3532
3848 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	32.0	327.8	327.9	3819
3849 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	32.1	327.8	327.8	3838
3866 >E	Niagara 230kV East Voltage	Volney-Marcy	56.9	218.5	220.2	3547
3866 >E	Niagara 230kV West Voltage	Volney-Marcy	56.9	218.5	220.2	3547
3879 >E	Niagara 345kV Voltage	SBK Marcy R3108	28.2	327.8	328.2	3682
3885 >E	Niagara 230kV East Voltage	Ravenswood 3	59.6	218.5	219.9	3859
3885 >E	Niagara 230kV West Voltage	Ravenswood 3	59.6	218.5	219.9	3859
3892 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	28.7	327.8	327.8	3881
3892 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	28.7	327.8	327.8	3864
3893 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	28.7	327.8	327.8	3846
3896 >E	Niagara 345kV Voltage	SBK Princetown 345	28.9	327.8	327.6	3767
3902 >E	Ladentown 345kV Voltage	Marcy South N.	37.9	327.8	329.5	4039
3910 >E	Niagara 345kV Voltage	SBK Edic R70	29.4	327.8	327.1	4002
3912 >E	Ramapo 345kV Voltage	Marcy South N.	39.8	327.8	328.0	4041
3960 >E	Niagara 230kV East Voltage	SBK Marcy R3108	63.2	218.5	218.7	3757
3960 >E	Niagara 230kV West Voltage	SBK Marcy R3108	63.2	218.5	218.7	3757
3969 >E	Bowline 1 345kV Voltage	Marcy South N.	38.1	327.8	329.5	4056
3974 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	64.3	218.5	218.5	3963
3974 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	64.3	218.5	218.5	3963
3974 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	64.3	218.5	218.5	3948
3974 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	64.3	218.5	218.5	3948
3975 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	64.4	218.5	218.5	3928
3975 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	64.4	218.5	218.5	3928
3977 >E	Niagara 230kV East Voltage	SBK Princetown 345	64.6	218.5	218.5	3858
3977 >E	Niagara 230kV West Voltage	SBK Princetown 345	64.6	218.5	218.5	3858
3983 >E	Bowline 2 345kV Voltage	Marcy South N.	38.0	327.8	329.6	4060
3983 >E	Somerset 345kV Voltage	Ph2 DC 1500	44.8	327.8	339.2	3917
3996 >E	Niagara 230kV East Voltage	SBK Edic R70	66.0	218.5	218.2	4094

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3996 >E	Niagara 230kV West Voltage	SBK Edic R70	66.0	218.5	218.2	4094
4035 >E	Somerset 345kV Voltage	Marcy South N.	47.2	327.8	338.3	4073
4043 >E	Watercure 230kV Voltage	Marcy South N.	64.4	207	240.0	4075
4070 >E	Niagara 230kV East Voltage	Marcy South S.	69.5	218.5	218.8	3951
4070 >E	Niagara 230kV West Voltage	Marcy South S.	69.5	218.5	218.8	3951
4222 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	41.1	327.8	341.7	2525
4222 >E	Niagara 345kV Voltage	SBK Edic R945	41.1	327.8	341.7	2525
4252 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	55.0	327.8	344.8	2375
4442 >E	Northport 138kV Voltage	Pre-Fault	157.5	NA	135	4442
4477 >E	Niagara 230kV East Voltage	SBK Edic R945	102.7	218.5	227.0	2594
4477 >E	Niagara 230kV West Voltage	SBK Edic R945	102.7	218.5	227.0	2594
4477 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	102.7	218.5	227.0	2594
4477 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	102.7	218.5	227.0	2594
4537 >E	Northport 138kV Voltage	Ravenswood 3	119.7	131.1	134.4	4412
4656 >E	Rainey 345kV Voltage	Marcy South S.	64.3	327.8	334.0	4172
4698 >E	Farragut 345kV Voltage	Marcy South S.	67.2	327.8	333.9	4188
4731 >E	Gardenville 230kV Voltage	Pre-Fault	95.8	NA	217	4731
4980 >E	Northport 138kV Voltage	SBK Princetown 345	151.4	131.1	131.6	4986
5001 >E	Watercure 230kV Voltage	Marcy South S.	74.4	207	188.8	4302
5006 >E	Northport 138kV Voltage	SBK Marcy R3108	153.3	131.1	131.4	4723
5017 >E	Northport 138kV Voltage	N.Scot-Leeds 345	154.5	131.1	131.3	4966
5022 >E	Northport 138kV Voltage	SBK Edic R70	154.8	131.1	131.3	5191
5050 >E	Northport 138kV Voltage	Volney-Marcy	156.9	131.1	131.1	4367
5054 >E	Northport 138kV Voltage	Princetown-N.Scot 345	157.4	131.1	131.1	5046
5054 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	157.4	131.1	131.1	5045
5087 >E	Niagara 345kV Voltage	Marcy South S.	69.9	327.8	328.7	4334
5156 >E	Gardenville 230kV Voltage	Volney-Marcy	76.9	207	212.6	4441
5290 >E	Gardenville 230kV Voltage	Ravenswood 3	82.2	207	211.2	5051
5331 >E	Goethals 345kV Voltage	Marcy South S.	92.7	327.8	333.6	4426
5333 >E	Niagara 345kV Voltage	Ph2 DC 1500	83.1	327.8	341.5	4759
5400 >E	Rainey 345kV Voltage	Ph2 DC 1500	94.0	327.8	349.2	4801
5422 >E	Farragut 345kV Voltage	Ph2 DC 1500	96.7	327.8	348.8	4815
5521 >E	Gardenville 230kV Voltage	SBK Marcy R3108	90.2	207	208.8	5198
5644 >E	Gardenville 230kV Voltage	SBK Princetown 345	94.6	207	207.5	5733
5674 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	95.3	207	207.2	5620
5679 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	95.5	207	207.1	5680
5686 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	95.7	207	207.0	5678
5710 >E	Niagara 230kV East Voltage	Ph2 DC 1500	186.4	218.5	226.7	4994
5710 >E	Niagara 230kV West Voltage	Ph2 DC 1500	186.4	218.5	226.7	4994

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5828 >E	Rainey 345kV Voltage	SBK Edic R945	111.8	327.8	339.8	2957
5829 >E	Gardenville 230kV Voltage	SBK Edic R70	100.9	207	205.5	6056
5832 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	112.0	327.8	339.8	2958
5990 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	120.5	327.8	340.3	3001
5990 >E	Farragut 345kV Voltage	SBK Edic R945	120.5	327.8	340.3	3000
6157 >E	Niagara 345kV Voltage	Marcy South N.	111.2	327.8	340.4	4622
6185 >E	Rainey 345kV Voltage	Marcy South N.	122.4	327.8	334.1	4629
6196 >E	Goethals 345kV Voltage	Ph2 DC 1500	128.0	327.8	349.0	5297
6231 >E	Farragut 345kV Voltage	Marcy South N.	126.6	327.8	334.0	4641
6287 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	113.9	327.8	350.0	2769
6805 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	271.0	218.5	231.6	2870
6805 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	271.0	218.5	231.6	2870
7300 >E	Goethals 345kV Voltage	Marcy South N.	169.7	327.8	334.2	4918
7846 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	378.0	131.1	132.4	3499
7846 >E	Northport 138kV Voltage	SBK Edic R945	378.0	131.1	132.4	3499
7928 >E	Niagara 230kV East Voltage	Marcy South N.	338.1	218.5	227.7	5080
7928 >E	Niagara 230kV West Voltage	Marcy South N.	338.1	218.5	227.7	5080
8419 >E	Northport 138kV Voltage	Marcy South S.	426.4	131.1	133.6	5589
9019 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	239.8	327.8	350.9	3298
9288 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	255.3	327.8	351.6	3350
9292 >E	Gardenville 230kV Voltage	Ph2 DC 1500	231.4	207	232.8	7228
10987 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	323.9	327.8	357.8	4344
10987 >E	Goethals 345kV Voltage	SBK Edic R945	323.9	327.8	357.8	4343
11588 >E	Northport 138kV Voltage	Ph2 DC 1500	677.3	131.1	143.2	8660
12213 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	346.4	207	278.1	4673
12232 >E	Gardenville 230kV Voltage	SBK Edic R945	347.1	207	278.2	4678
15222 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	959.2	131.1	135.5	4500
15491 >E	Northport 138kV Voltage	Marcy South N.	986.9	131.1	133.6	7036
18286 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	620.9	327.8	376.9	5093
21438 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	694.6	207	299.1	5703
99998 >E	Gardenville 230kV Voltage	Marcy South N.	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

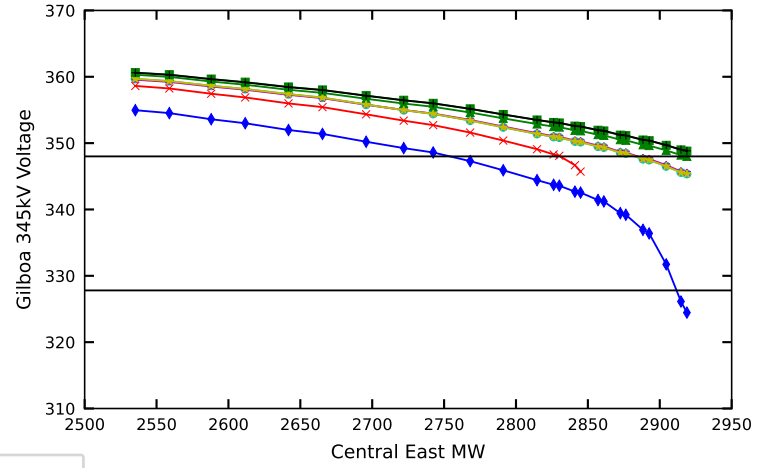
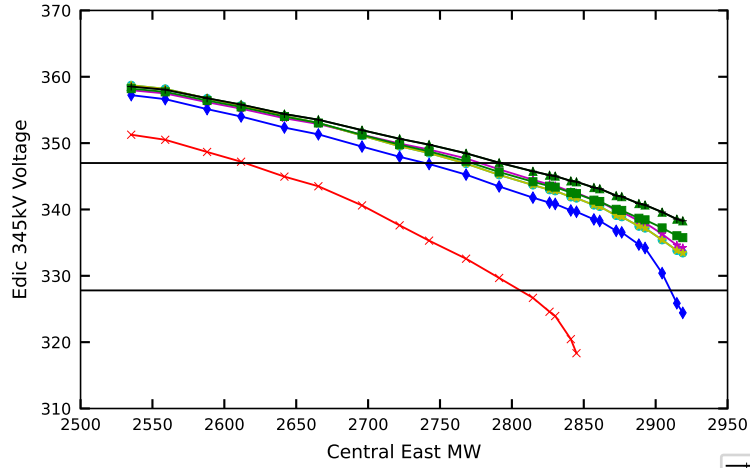
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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 2A

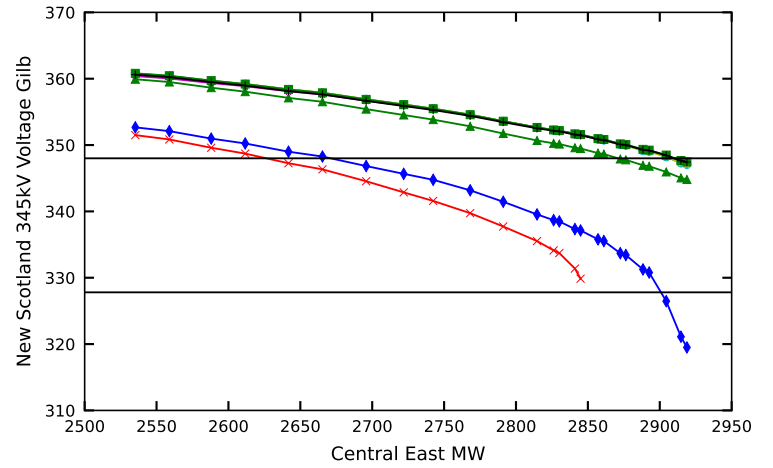
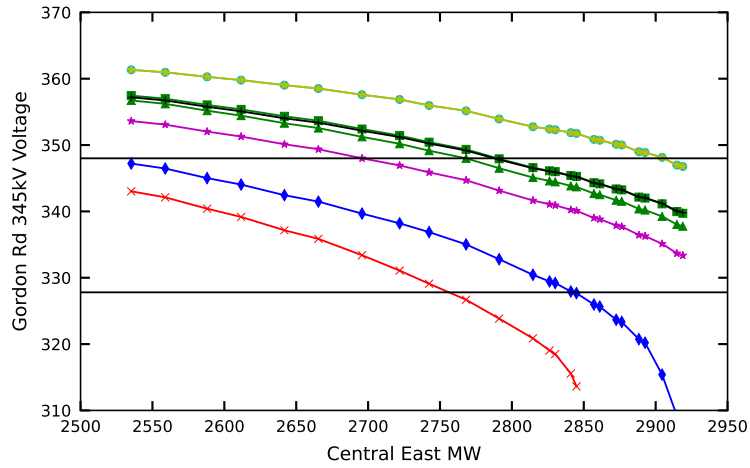
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
99998 >E	Watercure 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
99999 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

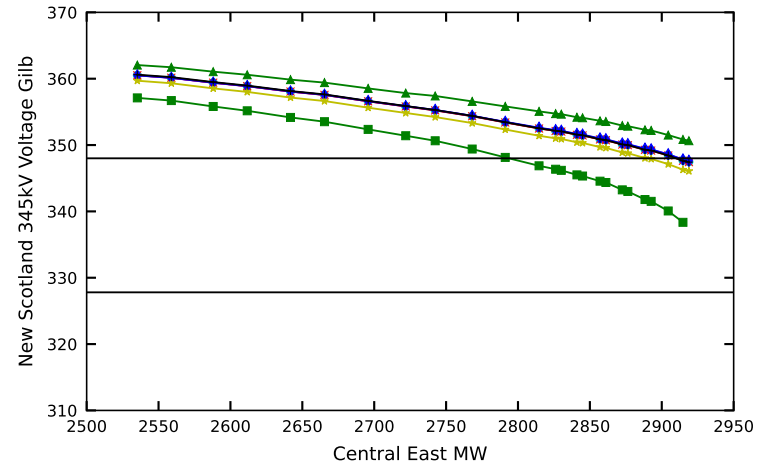
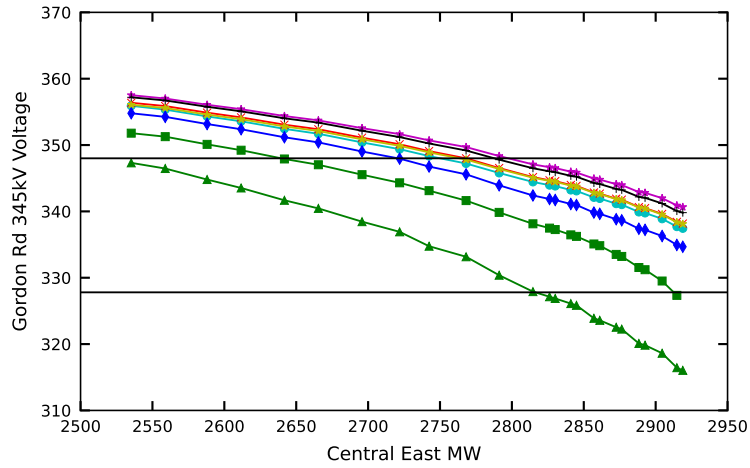
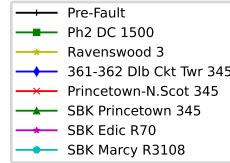
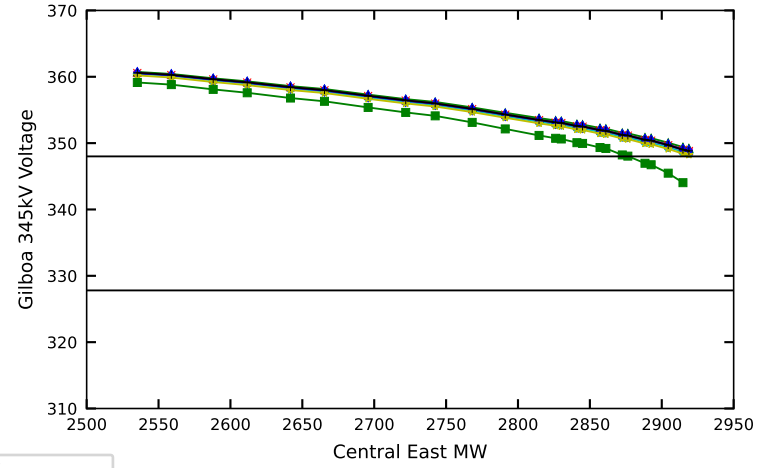
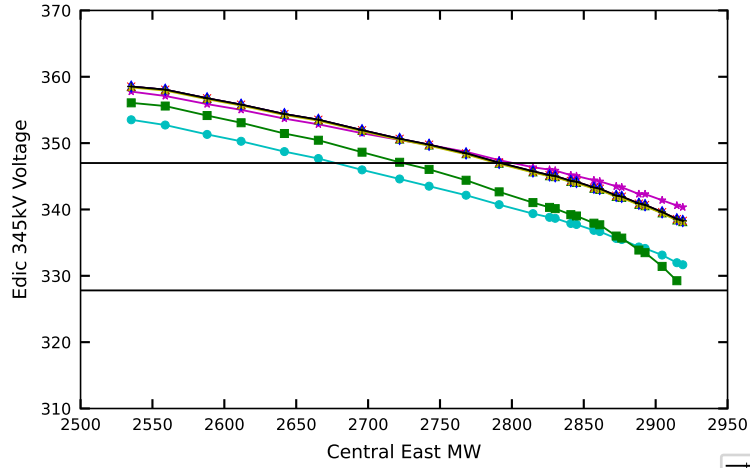
1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP Figure 1



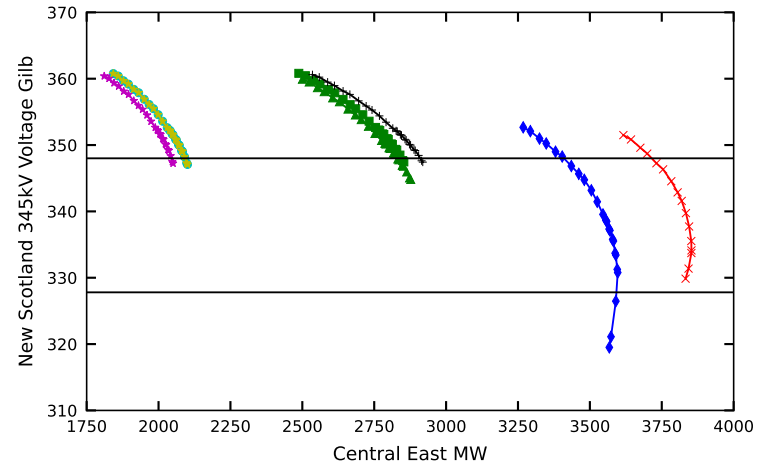
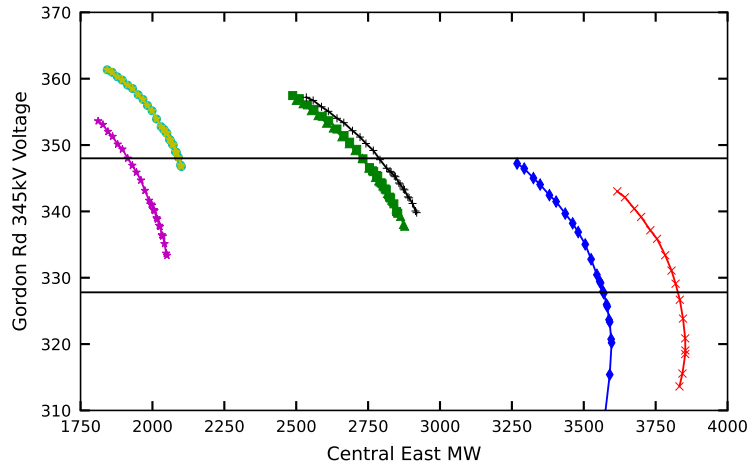
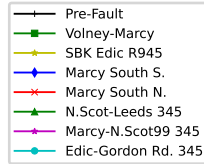
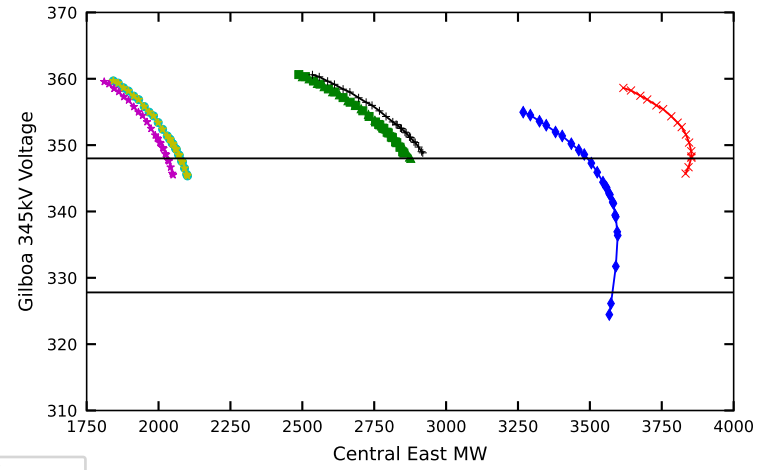
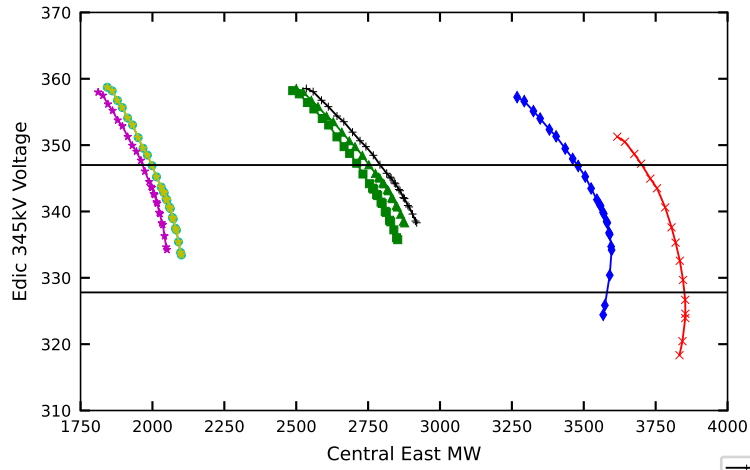
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



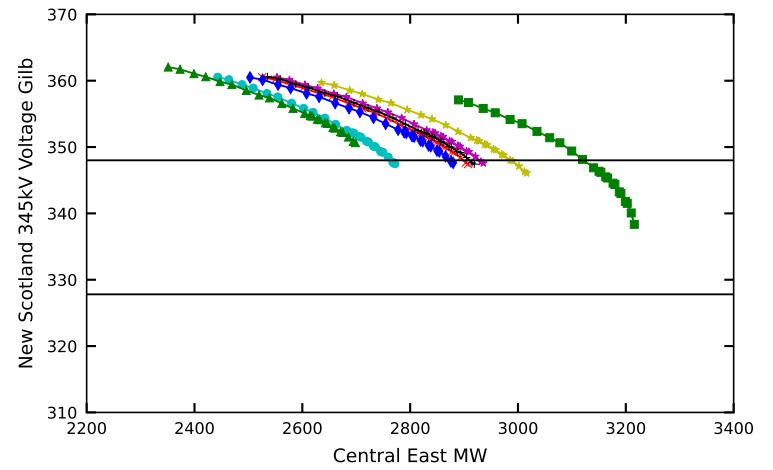
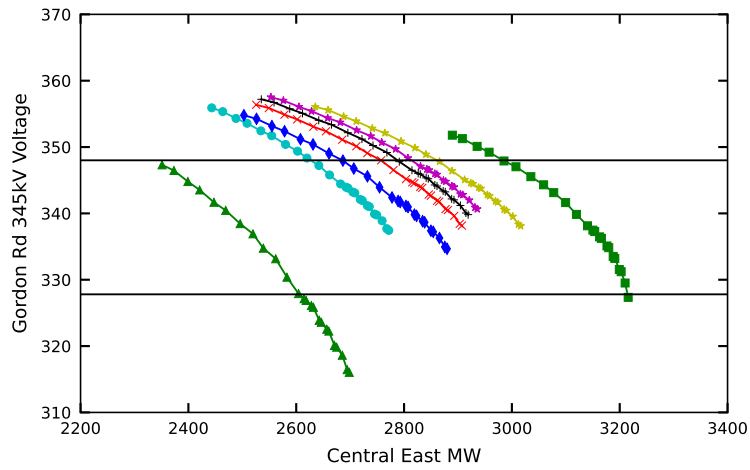
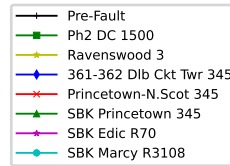
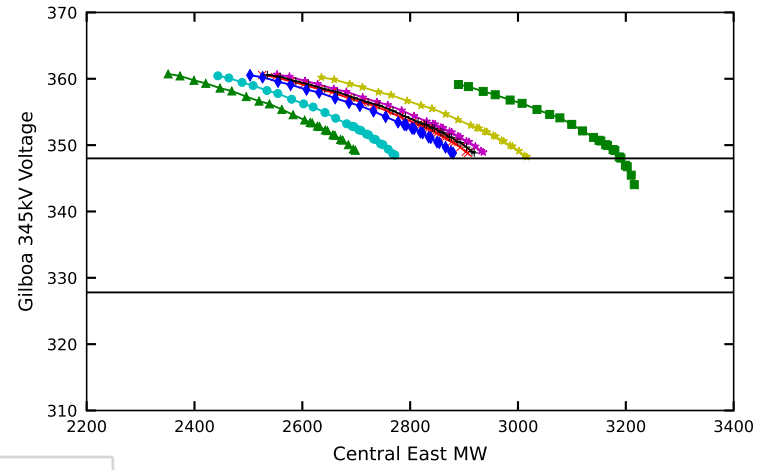
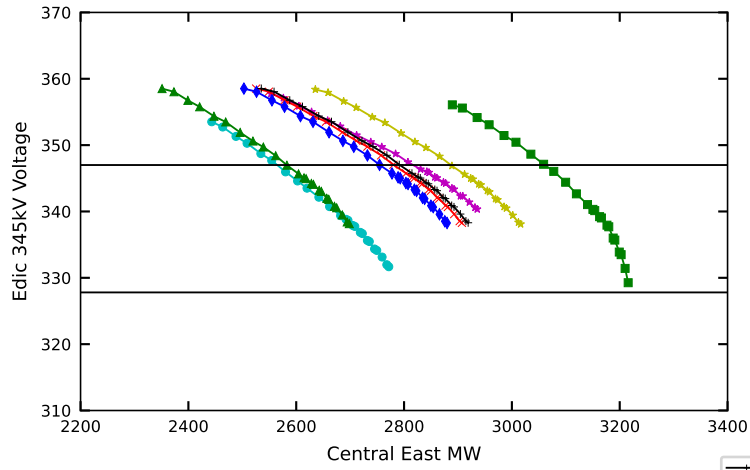
1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP Figure 2



1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP Figure 1



1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\3MSSC_OP\Sum2023_CEVC_Ph2_50_3MSSC_OP.xlsx

1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2535	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2558	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2588	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2611	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2641	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2665	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2695	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2721	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2742	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2768	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2791	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2814	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2826	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2830	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2840	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
2844	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
2857	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2861	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2872	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2876	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2888	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2892	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2904	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2914	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2918	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-16-2023 10:05

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2530 MS2270 DE1710 5O 3MSSC_OP

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\3MSSC_OP\Sum2023_CEVC_Ph2_5O_3MSSC_OP.xlsx

1: 2023S CEVC PH2 CE2530 MS2270 DE1710 5O 3MSSC_OP

Interface: Central East

Dlb Ckt																								
Twr 345																								
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																								
wood 3																								
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Ph2 DC																								
1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2427 <E	Dunwoodie 345kV Voltage	Pre-Fault	100.8	NA	348	2427
2436 <E	Sprain Brook 345kV Voltage	Pre-Fault	100.8	NA	348	2436
2684	limit with 5% margin	Marcy South N.	NA	NA	NA	3660
2705	Millwood 345kV Voltage	Pre-Fault	85.9	NA	348	2705
2747	limit with 5% margin	Marcy South S.	NA	NA	NA	3416
2756	Gordon Rd 345kV Voltage	Marcy South N.	10.7	327.8	349.7	3827
2759	Buchanan North 345kV Voltage	Pre-Fault	76.0	NA	346	2759
2769	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3054
2772	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1995
2772	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1947
2772	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2733
2772	limit with 5% margin	SBK Edic R945	NA	NA	NA	1995
2772	limit with 5% margin	Volney-Marcy	NA	NA	NA	2710
2772	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2633
2772	limit with 5% margin	SBK Edic R70	NA	NA	NA	2788
2772	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2563
2772	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2761
2772	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2735
2772	limit with 5% margin	Ravenswood 3	NA	NA	NA	2865
2775	Marcy 345kV Voltage	Pre-Fault	16.0	NA	348	2775
2787	Gordon Rd 345kV Voltage	Pre-Fault	16.6	NA	348	2787
2792	Edic 345kV Voltage	Pre-Fault	18.2	NA	347	2792
2805	Edic 345kV Voltage	Marcy South N.	7.8	327.8	346.2	3849
2807	Marcy 345kV Voltage	Marcy South N.	7.8	327.8	346.1	3850
2816	Gordon Rd 345kV Voltage	SBK Princetown 345	15.0	327.8	346.4	2605
2824	Rock Tavern 345kV Voltage	Pre-Fault	22.3	NA	348	2824
2840 >E	Oakdale 345kV Voltage	Marcy South N.	6.3	320	349.7	3854
2842	Gordon Rd 345kV Voltage	Marcy South S.	15.1	327.8	345.3	3568
2878 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.2	327.8	350.5	3855
2878 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.2	327.8	350.5	3855
2881	Coopers Corners 345kV Voltage	Pre-Fault	12.1	NA	338	2881
2893	Coopers Corners 345kV Voltage	SBK Edic R945	6.3	327.8	337.3	2083
2893	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.3	327.8	337.2	2083
2897	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	336.9	2038
2905	Buchanan South 345kV Voltage	Pre-Fault	14.9	NA	346	2905
2909 >E	Clay 345kV Voltage	Marcy South N.	7.7	327.8	352.2	3857
2909	Ramapo 500kV Voltage	Ph2 DC 1500	11.8	500	506.6	3212
2910	New Scotland 345kV Voltage Alps	Pre-Fault	12.7	NA	348	2910
2910	New Scotland 345kV Voltage Gilb	Pre-Fault	12.7	NA	348	2910
2912	Gordon Rd 345kV Voltage	Ph2 DC 1500	4.7	327.8	340.3	3214

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2919 >E	New Scotland 345kV Voltage Alps	Marcy South S.	9.1	327.8	348.5	3607
2919 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	9.1	327.8	348.5	3607
2920 >E	Station 80 345kV Voltage	Pre-Fault	43.6	NA	346	2920
2921 >E	Edic 345kV Voltage	Ph2 DC 1500	4.7	327.8	337.8	3219
2922 >E	Marcy 345kV Voltage	Ph2 DC 1500	4.7	327.8	337.7	3219
2923 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	4.7	327.8	334.2	3220
2924 >E	Pleasant Valley 345kV Voltage	Pre-Fault	31.2	NA	348	2924
2936 >E	Ramapo 345kV Voltage	Pre-Fault	38.3	NA	346	2936
2937 >E	Gilboa 345kV Voltage	Pre-Fault	22.8	NA	348	2937
2945 >E	Edic 345kV Voltage	Marcy South S.	8.3	327.8	338.1	3617
2947 >E	Marcy 345kV Voltage	Marcy South S.	8.3	327.8	337.9	3618
2954 >E	Fraser 345kV Voltage	Pre-Fault	12.8	NA	338	2954
2959 >E	Fraser 345kV Voltage	Ph2 DC 1500	4.6	327.8	336.0	3240
2960 >E	Oakdale 345kV Voltage	Pre-Fault	6.4	NA	335	2960
2960 >E	Gilboa 345kV Voltage	Marcy South S.	8.0	327.8	348.7	3623
2963 >E	Ramapo 500kV Voltage	Ravenswood 3	34.3	500	505.0	3059
2968 >E	Pannell Road 345kV Voltage	Pre-Fault	39.8	NA	346	2968
2969 >E	Coopers Corners 345kV Voltage	Ravenswood 3	13.3	327.8	331.2	3065
2971 >E	Edic 345kV Voltage	SBK Marcy R3108	13.6	327.8	335.0	2818
2972 >E	Marcy 345kV Voltage	SBK Edic R945	10.8	327.8	334.8	2137
2972 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	10.8	327.8	334.8	2137
2978 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	6.0	327.8	342.6	3250
2978 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	6.0	327.8	342.6	3250
2980 >E	Edic 345kV Voltage	SBK Edic R945	10.9	327.8	334.5	2142
2980 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	10.9	327.8	334.5	2142
2982 >E	Fraser 345kV Voltage	SBK Edic R945	9.3	327.8	335.8	2143
2982 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	9.3	327.8	335.8	2143
2985 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.1	320	335.3	3254
2987 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	9.2	327.8	335.4	2092
2987 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	10.7	327.8	334.0	2092
2991 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	13.1	327.8	329.6	2767
2992 >E	Pannell Road 345kV Voltage	Marcy South N.	13.3	327.8	347.2	3862
2993 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	13.4	327.8	335.4	2096
2993 >E	Fraser 345kV Voltage	Marcy South S.	6.9	327.8	338.6	3636
2996 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	10.7	327.8	333.4	2098
2996 >E	Ladentown 345kV Voltage	Pre-Fault	38.6	NA	346	2996
2999 >E	Oakdale 345kV Voltage	SBK Edic R945	5.5	320	328.9	2155
2999 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	5.5	320	328.9	2155
3001 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	5.5	320	328.7	2101
3005 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	6.8	327.8	337.7	3266
3008 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	328.3	2966

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3009 >E	Coopers Corners 345kV Voltage	SBK Edic R70	13.8	327.8	328.3	3026
3010 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	8.4	327.8	335.3	3268
3011 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	13.7	327.8	328.1	2972
3014 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	13.8	327.8	327.9	3002
3018 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	29.5	500	503.5	2111
3018 >E	Coopers Corners 345kV Voltage	Volney-Marcy	13.6	327.8	327.6	2949
3022 >E	Oakdale 345kV Voltage	SBK Marcy R3108	6.1	320	325.4	2864
3022 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	15.1	327.8	333.7	2983
3022 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	30.5	500	503.3	2171
3022 >E	Ramapo 500kV Voltage	SBK Edic R945	30.5	500	503.3	2171
3029 >E	Ramapo 345kV Voltage	Ph2 DC 1500	7.4	327.8	336.7	3279
3030 >E	Gilboa 345kV Voltage	Ph2 DC 1500	7.2	327.8	341.2	3280
3032 >E	Edic 345kV Voltage	Volney-Marcy	14.3	327.8	331.3	2962
3032 >E	Station 80 345kV Voltage	Marcy South N.	16.1	327.8	345.4	3864
3033 >E	Marcy 345kV Voltage	Volney-Marcy	14.1	327.8	331.0	2963
3038 >E	Oakdale 345kV Voltage	Volney-Marcy	6.4	320	322.9	2968
3039 >E	Clay 345kV Voltage	Ph2 DC 1500	7.6	327.8	344.2	3284
3044 >E	Oakdale 345kV Voltage	Ravenswood 3	6.3	320	321.9	3140
3045 >E	Roseton 345kV Voltage	Pre-Fault	25.2	NA	345	3045
3048 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	9.0	327.8	336.4	3289
3048 >E	Ladentown 345kV Voltage	Ph2 DC 1500	7.9	327.8	337.5	3289
3051 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	11.3	327.8	334.3	3291
3051 >E	Millwood 345kV Voltage	Ph2 DC 1500	9.8	327.8	335.7	3291
3051 >E	Oakdale 345kV Voltage	SBK Princetown 345	6.4	320	320.8	2825
3053 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	11.5	327.8	334.3	3292
3054 >E	Station 80 345kV Voltage	Ph2 DC 1500	11.2	327.8	339.1	3293
3055 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	320	320.2	3017
3056 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	6.4	320	320.1	3013
3056 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	6.4	320	320.1	3044
3059 >E	Oakdale 345kV Voltage	SBK Edic R70	6.4	320	319.6	3076
3060 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	10.8	327.8	340.6	3296
3061 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	7.9	327.8	338.2	3297
3064 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	7.9	327.8	338.3	3298
3072 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	16.0	327.8	330.8	2909
3072 >E	Ramapo 500kV Voltage	Marcy South S.	32.0	500	504.3	3667
3074 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	15.7	327.8	330.6	3032
3075 >E	Clay 345kV Voltage	Pre-Fault	27.2	NA	345	3075
3079 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	15.8	327.8	323.2	2914

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3082 >E	Leeds 345kV Voltage	Marcy South S.	11.9	327.8	353.6	3671
3083 >E	Edic 345kV Voltage	Ravenswood 3	16.0	327.8	328.1	3179
3084 >E	Fraser 345kV Voltage	Volney-Marcy	12.8	327.8	327.8	3012
3084 >E	Fraser 345kV Voltage	SBK Marcy R3108	12.8	327.8	327.8	2919
3084 >E	Fraser 345kV Voltage	SBK Princetown 345	12.8	327.8	327.8	2857
3084 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	12.8	327.8	327.8	3072
3084 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	12.8	327.8	327.8	3046
3084 >E	Fraser 345kV Voltage	Ravenswood 3	12.8	327.8	327.8	3180
3084 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	12.8	327.8	327.8	3041
3084 >E	Fraser 345kV Voltage	SBK Edic R70	12.8	327.8	327.8	3101
3085 >E	Edic 345kV Voltage	SBK Princetown 345	16.0	327.8	328.0	2857
3085 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	16.0	327.8	327.8	3042
3085 >E	Marcy 345kV Voltage	SBK Marcy R3108	16.0	327.8	327.8	2920
3085 >E	Marcy 345kV Voltage	SBK Edic R70	16.0	327.8	327.8	3102
3085 >E	Marcy 345kV Voltage	SBK Princetown 345	16.0	327.8	327.8	2857
3085 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	16.0	327.8	327.8	3073
3085 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	16.0	327.8	327.8	3046
3085 >E	Marcy 345kV Voltage	Ravenswood 3	16.0	327.8	327.8	3180
3087 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	16.1	327.8	327.9	3048
3087 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	16.3	327.8	329.9	3075
3087 >E	Edic 345kV Voltage	N.Scot-Leeds 345	16.1	327.8	327.8	3044
3088 >E	Edic 345kV Voltage	Princetown-N.Scot 345	16.1	327.8	327.8	3076
3089 >E	Gordon Rd 345kV Voltage	Ravenswood 3	16.5	327.8	329.8	3184
3096 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	10.3	327.8	339.5	3316
3100 >E	Bowline 1 345kV Voltage	Pre-Fault	38.8	NA	345	3100
3100 >E	St.Lawrence 230kV Voltage	Marcy South N.	25.8	218.5	229.1	3867
3103 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	20.2	218.5	224.9	3320
3104 >E	Leeds 345kV Voltage	Ph2 DC 1500	7.8	327.8	345.5	3320
3113 >E	Bowline 2 345kV Voltage	Pre-Fault	38.7	NA	345	3113
3115 >E	Gordon Rd 345kV Voltage	Volney-Marcy	16.5	327.8	328.3	3042
3119 >E	Leeds 345kV Voltage	Marcy South N.	12.4	327.8	352.3	3868
3124 >E	Roseton 345kV Voltage	Ph2 DC 1500	10.5	327.8	340.1	3331
3124 >E	Ramapo 500kV Voltage	SBK Princetown 345	34.6	500	500.4	2895
3125 >E	Ramapo 500kV Voltage	Volney-Marcy	33.9	500	500.4	3051
3125 >E	Gilboa 345kV Voltage	Marcy South N.	14.6	327.8	343.5	3869
3129 >E	Edic 345kV Voltage	SBK Edic R70	16.8	327.8	325.2	3146
3130 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	34.7	500	500.3	3086
3131 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	18.1	327.8	334.6	2244

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3131 >E	Rock Tavern 345kV Voltage	SBK Edic R945	18.1	327.8	334.6	2244
3132 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	17.7	327.8	334.6	2181
3135 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	34.8	500	500.1	3097
3138 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	35.0	500	500.0	3126
3140 >E	Ramapo 500kV Voltage	Pre-Fault	35.2	NA	500	3140
3140 >E	Ramapo 500kV Voltage	SBK Edic R70	35.4	500	500.0	3157
3143 >E	Gordon Rd 345kV Voltage	SBK Edic R70	17.4	327.8	326.6	3160
3147 >E	Watercure 230kV Voltage	Marcy South N.	23.6	207	232.8	3870
3161 >E	Fraser 345kV Voltage	Marcy South N.	16.1	327.8	327.8	3870
3177 >E	Ramapo 500kV Voltage	SBK Marcy R3108	41.9	500	498.9	3003
3184 >E	St.Lawrence 230kV Voltage	Marcy South S.	24.9	218.5	222.4	3711
3193 >E	Rock Tavern 345kV Voltage	Ravenswood 3	22.0	327.8	331.8	3287
3217 >E	Leeds 345kV Voltage	Pre-Fault	30.3	NA	345	3217
3218 >E	Ramapo 500kV Voltage	Marcy South N.	61.8	500	505.9	3873
3220 >E	Oakdale 345kV Voltage	Marcy South S.	13.4	320	339.5	3725
3226 >E	Dunwoodie 345kV Voltage	Ravenswood 3	45.4	327.8	334.6	3320
3229 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	18.3	327.8	332.2	3185
3229 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	18.3	327.8	332.2	3185
3232 >E	Sprain Brook 345kV Voltage	Ravenswood 3	45.7	327.8	334.6	3326
3236 >E	Clay 345kV Voltage	Marcy South S.	15.9	327.8	345.2	3731
3237 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	18.0	327.8	334.8	2246
3238 >E	Gilboa 345kV Voltage	SBK Edic R945	18.2	327.8	334.8	2317
3238 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	18.2	327.8	334.8	2317
3239 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	16.3	327.8	338.9	2318
3240 >E	Clay 345kV Voltage	SBK Edic R945	16.3	327.8	338.9	2318
3242 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	16.0	327.8	338.8	2249
3252 >E	Coopers Corners 345kV Voltage	Marcy South N.	17.0	327.8	313.3	3875
3253 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	20.8	327.8	329.0	3019
3261 >E	Buchanan North 345kV Voltage	Ravenswood 3	40.4	327.8	333.4	3355
3270 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	21.6	327.8	328.2	3226
3276 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	21.7	327.8	327.9	3238
3277 >E	Rock Tavern 345kV Voltage	SBK Edic R70	21.8	327.8	327.9	3294
3278 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	21.7	327.8	327.9	3266
3279 >E	Gordon Rd 345kV Voltage	SBK Edic R945	19.0	327.8	318.6	2344
3279 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	19.0	327.8	318.6	2344
3282 >E	Rock Tavern 345kV Voltage	Volney-Marcy	21.6	327.8	327.7	3203
3283 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	18.9	327.8	329.5	2347
3283 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	18.9	327.8	329.5	2347
3283 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	18.9	327.8	329.5	2347

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3283 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	18.9	327.8	329.5	2347
3283 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	20.0	327.8	329.5	3377
3283 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	20.0	327.8	329.5	3377
3284 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	18.8	327.8	329.5	2275
3284 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	18.8	327.8	329.5	2275
3285 >E	Pleasant Valley 345kV Voltage	Marcy South S.	27.1	327.8	346.7	3750
3294 >E	Pleasant Valley 345kV Voltage	Marcy South N.	23.9	327.8	343.5	3877
3300 >E	Clay 345kV Voltage	SBK Marcy R3108	20.0	327.8	336.7	3113
3301 >E	Somerset 345kV Voltage	Ph2 DC 1500	20.0	327.8	341.3	3429
3310 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	19.9	327.8	328.2	3230
3310 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	19.9	327.8	328.2	3230
3314 >E	St.Lawrence 230kV Voltage	Pre-Fault	77.9	NA	225	3314
3317 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	20.3	327.8	327.9	3305
3317 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	20.3	327.8	327.9	3305
3319 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	20.3	327.8	327.8	3129
3319 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	20.3	327.8	327.8	3129
3324 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	20.5	327.8	327.5	3286
3324 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	20.5	327.8	327.5	3286
3327 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	20.6	327.8	327.4	3344
3327 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	20.6	327.8	327.4	3344
3329 >E	Watercure 230kV Voltage	Ph2 DC 1500	20.2	207	228.7	3445
3351 >E	Rock Tavern 345kV Voltage	Marcy South N.	21.1	327.8	324.4	3880
3352 >E	Millwood 345kV Voltage	Ravenswood 3	44.2	327.8	333.8	3444
3352 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	34.3	327.8	331.1	2317
3359 >E	Buchanan North 345kV Voltage	SBK Edic R945	35.3	327.8	330.9	2399
3359 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	35.3	327.8	330.9	2399
3364 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	22.1	327.8	329.3	3320
3379 >E	Gilboa 345kV Voltage	Ravenswood 3	22.6	327.8	328.6	3472
3381 >E	Pannell Road 345kV Voltage	Marcy South S.	24.7	327.8	339.4	3788
3387 >E	Gilboa 345kV Voltage	SBK Marcy R3108	22.6	327.8	328.3	3191
3394 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	26.3	327.8	335.3	2343
3394 >E	Gilboa 345kV Voltage	Volney-Marcy	22.6	327.8	328.0	3310
3397 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	22.8	327.8	327.9	3385
3397 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	22.8	327.8	327.8	3360
3399 >E	Pannell Road 345kV Voltage	SBK Edic R945	26.9	327.8	335.1	2426
3399 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	26.9	327.8	335.1	2426
3400 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	22.9	327.8	330.9	2346
3401 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	23.2	327.8	330.8	2427

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1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3401 >E	Roseton 345kV Voltage	SBK Edic R945	23.2	327.8	330.8	2427
3402 >E	Buchanan South 345kV Voltage	Ravenswood 3	42.7	327.8	333.4	3494
3403 >E	Gilboa 345kV Voltage	SBK Edic R70	22.9	327.8	327.6	3420
3411 >E	Gilboa 345kV Voltage	SBK Princetown 345	23.0	327.8	327.2	3170
3414 >E	Roseton 345kV Voltage	Ravenswood 3	26.0	327.8	330.3	3506
3419 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	21.9	327.8	322.8	3178
3419 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	21.9	327.8	322.8	3178
3430 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	28.5	327.8	320.9	3229
3431 >E	Station 80 345kV Voltage	Marcy South S.	28.5	327.8	337.5	3808
3441 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	30.4	327.8	334.1	2372
3446 >E	Clay 345kV Voltage	Volney-Marcy	25.5	327.8	331.3	3360
3450 >E	Station 80 345kV Voltage	SBK Edic R945	31.1	327.8	333.8	2461
3450 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	31.1	327.8	333.8	2461
3455 >E	Somerset 345kV Voltage	Marcy South N.	30.9	327.8	348.1	3886
3462 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	37.9	327.8	328.2	3417
3464 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	33.8	327.8	332.2	2386
3466 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	41.3	327.8	329.3	2387
3468 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	24.9	327.8	328.2	3423
3468 >E	Dunwoodie 345kV Voltage	SBK Edic R945	42.2	327.8	329.2	2473
3469 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	42.2	327.8	329.2	2473
3470 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	41.5	327.8	329.4	2389
3471 >E	Roseton 345kV Voltage	SBK Princetown 345	24.8	327.8	328.1	3228
3473 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	42.4	327.8	329.3	2476
3473 >E	Sprain Brook 345kV Voltage	SBK Edic R945	42.4	327.8	329.3	2476
3475 >E	Clay 345kV Voltage	Ravenswood 3	24.9	327.8	330.3	3566
3475 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	38.3	327.8	327.9	3437
3476 >E	Buchanan North 345kV Voltage	Volney-Marcy	37.8	327.8	327.9	3389
3476 >E	Buchanan North 345kV Voltage	SBK Princetown 345	38.5	327.8	327.8	3233
3476 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	38.4	327.8	327.8	3465
3477 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	25.1	327.8	327.8	3439
3477 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	25.1	327.8	327.8	3465
3477 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	32.7	327.8	330.3	3568
3477 >E	Roseton 345kV Voltage	SBK Edic R70	25.2	327.8	327.8	3495
3478 >E	Buchanan North 345kV Voltage	SBK Edic R70	38.6	327.8	327.8	3495
3478 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	35.0	327.8	331.9	2480
3478 >E	Ramapo 345kV Voltage	SBK Edic R945	35.0	327.8	331.9	2480
3480 >E	Roseton 345kV Voltage	Volney-Marcy	25.0	327.8	327.7	3393
3492 >E	Ramapo 345kV Voltage	Ravenswood 3	41.9	327.8	331.5	3583
3499 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	32.3	327.8	332.7	3290

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3512 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	36.6	327.8	330.6	2415
3516 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	44.0	327.8	328.2	3470
3517 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	38.7	327.8	329.9	2419
3518 >E	Roseton 345kV Voltage	Marcy South N.	28.3	327.8	338.6	3889
3521 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	37.6	327.8	330.4	2509
3521 >E	Buchanan South 345kV Voltage	SBK Edic R945	37.6	327.8	330.4	2509
3523 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	39.6	327.8	329.7	2510
3523 >E	Millwood 345kV Voltage	SBK Edic R945	39.6	327.8	329.7	2510
3523 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	44.3	327.8	328.2	3478
3531 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	44.6	327.8	327.8	3520
3532 >E	Dunwoodie 345kV Voltage	SBK Edic R70	44.8	327.8	327.8	3549
3532 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	44.6	327.8	327.8	3495
3532 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	30.6	327.8	328.5	3487
3533 >E	St.Lawrence 230kV Voltage	SBK Edic R945	55.7	218.5	222.2	2517
3533 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	55.7	218.5	222.2	2517
3536 >E	Dunwoodie 345kV Voltage	Volney-Marcy	44.3	327.8	327.7	3447
3537 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	30.1	327.8	328.4	2519
3537 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	30.1	327.8	328.4	2519
3537 >E	Ladentown 345kV Voltage	Ravenswood 3	41.9	327.8	332.0	3628
3538 >E	Clay 345kV Voltage	SBK Princetown 345	27.1	327.8	328.0	3291
3538 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	29.8	327.8	328.4	2431
3538 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	34.3	327.8	332.0	2431
3539 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	45.0	327.8	327.8	3527
3539 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	44.9	327.8	327.8	3502
3540 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	27.1	327.8	327.9	3502
3540 >E	Sprain Brook 345kV Voltage	SBK Edic R70	45.1	327.8	327.8	3557
3541 >E	Clay 345kV Voltage	Princetown-N.Scot 345	27.1	327.8	327.8	3529
3541 >E	Clay 345kV Voltage	N.Scot-Leeds 345	27.2	327.8	327.8	3496
3542 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	44.7	327.8	327.6	3295
3543 >E	Sprain Brook 345kV Voltage	Volney-Marcy	44.5	327.8	327.7	3454
3545 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	55.2	218.5	222.0	2436
3549 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	45.0	327.8	327.6	3303
3553 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	35.5	327.8	331.6	2530
3553 >E	Ladentown 345kV Voltage	SBK Edic R945	35.5	327.8	331.6	2530
3555 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	31.2	327.8	327.8	3543
3557 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	31.3	327.8	327.7	3575
3557 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	31.2	327.8	327.7	3520

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3558 >E	Station 80 345kV Voltage	SBK Marcy R3108	36.9	327.8	331.4	3344
3559 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	31.1	327.8	327.7	3470
3568 >E	Roseton 345kV Voltage	SBK Marcy R3108	28.4	327.8	324.2	3353
3577 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	31.3	327.8	327.1	3329
3577 >E	Clay 345kV Voltage	SBK Edic R70	28.0	327.8	326.5	3594
3581 >E	Millwood 345kV Voltage	Marcy South N.	40.6	327.8	337.2	3893
3582 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	66.1	218.5	221.6	3365
3584 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	41.6	327.8	328.3	3538
3586 >E	Pannell Road 345kV Voltage	Ravenswood 3	36.5	327.8	330.5	3676
3600 >E	Station 80 345kV Voltage	Ravenswood 3	40.3	327.8	330.4	3690
3601 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	34.7	327.8	332.1	2470
3604 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	42.3	327.8	327.8	3592
3604 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	42.3	327.8	327.8	3567
3605 >E	Millwood 345kV Voltage	SBK Edic R70	42.5	327.8	327.8	3623
3606 >E	Millwood 345kV Voltage	Volney-Marcy	41.8	327.8	327.8	3515
3606 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	39.8	327.8	328.3	3560
3610 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	34.5	327.8	332.1	2475
3610 >E	Dunwoodie 345kV Voltage	Marcy South N.	48.6	327.8	335.6	3894
3615 >E	Millwood 345kV Voltage	SBK Princetown 345	42.4	327.8	327.6	3366
3616 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	37.8	327.8	328.3	3570
3616 >E	Bowline 1 345kV Voltage	Ravenswood 3	42.4	327.8	331.7	3706
3618 >E	Sprain Brook 345kV Voltage	Marcy South N.	48.7	327.8	335.7	3894
3618 >E	Bowline 1 345kV Voltage	SBK Edic R945	35.9	327.8	331.6	2575
3618 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	35.9	327.8	331.6	2575
3624 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	40.3	327.8	327.9	3587
3625 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	40.4	327.8	327.8	3613
3625 >E	Buchanan South 345kV Voltage	Volney-Marcy	39.9	327.8	327.8	3533
3627 >E	Bowline 2 345kV Voltage	Ravenswood 3	42.2	327.8	331.7	3716
3627 >E	Buchanan South 345kV Voltage	SBK Edic R70	40.6	327.8	327.8	3644
3627 >E	Ramapo 345kV Voltage	Volney-Marcy	37.6	327.8	328.0	3535
3628 >E	Bowline 2 345kV Voltage	SBK Edic R945	35.8	327.8	331.7	2581
3628 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	35.8	327.8	331.7	2581
3629 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	38.1	327.8	327.9	3592
3629 >E	Pannell Road 345kV Voltage	Volney-Marcy	38.5	327.8	329.4	3537
3630 >E	Ramapo 345kV Voltage	SBK Princetown 345	38.5	327.8	327.9	3380
3632 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	38.2	327.8	327.9	3620
3632 >E	Buchanan South 345kV Voltage	SBK Princetown 345	40.5	327.8	327.7	3382
3634 >E	Ramapo 345kV Voltage	SBK Edic R70	38.5	327.8	327.8	3651

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3634 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	34.2	327.8	325.3	3412
3635 >E	Buchanan North 345kV Voltage	Marcy South N.	43.5	327.8	332.8	3895
3655 >E	St.Lawrence 230kV Voltage	Volney-Marcy	67.9	218.5	220.6	3562
3661 >E	Buchanan South 345kV Voltage	Marcy South N.	40.6	327.8	336.3	3897
3665 >E	Millwood 345kV Voltage	Marcy South S.	47.6	327.8	341.9	3900
3667 >E	Station 80 345kV Voltage	Volney-Marcy	42.6	327.8	328.9	3573
3678 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	38.0	327.8	328.3	3632
3689 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	39.6	327.8	327.9	3653
3691 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	39.7	327.8	327.8	3679
3691 >E	Ladentown 345kV Voltage	Volney-Marcy	37.9	327.8	328.0	3597
3693 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	38.4	327.8	327.9	3657
3695 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	39.9	327.8	327.7	3648
3696 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	38.5	327.8	327.9	3684
3698 >E	Ladentown 345kV Voltage	SBK Edic R70	38.7	327.8	327.8	3716
3699 >E	Ladentown 345kV Voltage	SBK Princetown 345	38.8	327.8	327.8	3446
3699 >E	Pannell Road 345kV Voltage	SBK Princetown 345	40.1	327.8	327.6	3447
3703 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	54.7	327.8	324.0	3474
3712 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	52.0	327.8	321.7	3481
3712 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	43.5	327.8	327.9	3675
3714 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	43.6	327.8	327.8	3702
3714 >E	Dunwoodie 345kV Voltage	Marcy South S.	58.9	327.8	340.1	3919
3715 >E	Sprain Brook 345kV Voltage	Marcy South S.	58.3	327.8	340.1	3920
3717 >E	Pannell Road 345kV Voltage	SBK Edic R70	40.7	327.8	327.2	3735
3718 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	55.5	327.8	323.8	3487
3718 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	43.8	327.8	327.7	3672
3726 >E	Station 80 345kV Voltage	SBK Princetown 345	44.1	327.8	327.5	3473
3735 >E	Station 80 345kV Voltage	SBK Edic R70	44.6	327.8	327.3	3753
3739 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	30.3	327.8	327.8	2656
3739 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	30.3	327.8	327.8	2555
3739 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	30.3	327.8	327.8	3692
3739 >E	Leeds 345kV Voltage	SBK Edic R945	30.3	327.8	327.8	2656
3739 >E	Leeds 345kV Voltage	Volney-Marcy	30.3	327.8	327.8	3642
3739 >E	Leeds 345kV Voltage	SBK Marcy R3108	30.3	327.8	327.8	3505
3739 >E	Leeds 345kV Voltage	SBK Edic R70	30.3	327.8	327.8	3756
3739 >E	Leeds 345kV Voltage	SBK Princetown 345	30.3	327.8	327.8	3484
3739 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	30.3	327.8	327.8	3726
3739 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	30.3	327.8	327.8	3702

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1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3739 >E	Leeds 345kV Voltage	Ravenswood 3	30.3	327.8	327.8	3827
3746 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	38.2	327.8	328.3	3699
3756 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	38.1	327.8	328.4	3710
3759 >E	Bowline 1 345kV Voltage	Volney-Marcy	38.1	327.8	328.0	3662
3761 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	38.6	327.8	327.9	3724
3764 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	38.7	327.8	327.9	3752
3764 >E	Roseton 345kV Voltage	Marcy South S.	39.7	327.8	345.7	3939
3765 >E	St.Lawrence 230kV Voltage	Ravenswood 3	75.5	218.5	219.2	3853
3767 >E	Bowline 1 345kV Voltage	SBK Edic R70	38.9	327.8	327.8	3785
3769 >E	Bowline 2 345kV Voltage	Volney-Marcy	38.0	327.8	328.0	3672
3770 >E	Bowline 1 345kV Voltage	SBK Princetown 345	39.1	327.8	327.7	3514
3772 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	38.5	327.8	327.9	3736
3775 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	38.6	327.8	327.9	3763
3778 >E	Bowline 2 345kV Voltage	SBK Edic R70	38.8	327.8	327.8	3796
3780 >E	Bowline 2 345kV Voltage	SBK Princetown 345	38.9	327.8	327.7	3524
3788 >E	Buchanan South 345kV Voltage	Marcy South S.	47.4	327.8	341.7	3948
3790 >E	Buchanan North 345kV Voltage	Marcy South S.	49.8	327.8	337.7	3949
3806 >E	Ramapo 345kV Voltage	Marcy South N.	41.7	327.8	331.2	3904
3821 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	77.9	218.5	218.5	3809
3822 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	77.9	218.5	218.5	3786
3823 >E	Millwood 345kV Voltage	SBK Marcy R3108	53.6	327.8	322.7	3581
3824 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	78.1	218.5	218.5	3776
3835 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	78.5	218.5	218.3	3577
3839 >E	Rainey 345kV Voltage	Ph2 DC 1500	36.9	327.8	338.5	3727
3842 >E	Somerset 345kV Voltage	Pre-Fault	67.6	NA	338	3842
3846 >E	Ladentown 345kV Voltage	Marcy South N.	41.5	327.8	333.5	3906
3851 >E	Farragut 345kV Voltage	Ph2 DC 1500	38.1	327.8	338.2	3734
3886 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	53.2	327.8	321.4	3637
3896 >E	St.Lawrence 230kV Voltage	SBK Edic R70	84.6	218.5	217.5	3914
3910 >E	Watercure 230kV Voltage	Marcy South S.	38.7	207	225.6	3996
3927 >E	Bowline 1 345kV Voltage	Marcy South N.	42.0	327.8	334.0	3911
3941 >E	Bowline 2 345kV Voltage	Marcy South N.	41.8	327.8	334.1	3911
3981 >E	Niagara 345kV Voltage	Ph2 DC 1500	39.7	327.8	344.8	3806
4022 >E	Niagara 230kV East Voltage	Ph2 DC 1500	86.4	218.5	228.1	3829
4022 >E	Niagara 230kV West Voltage	Ph2 DC 1500	86.4	218.5	228.1	3829
4024 >E	Ramapo 345kV Voltage	SBK Marcy R3108	56.8	327.8	317.6	3760
4076 >E	Ladentown 345kV Voltage	Marcy South S.	48.9	327.8	341.4	4061
4082 >E	Ladentown 345kV Voltage	SBK Marcy R3108	55.5	327.8	317.8	3812

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1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4092 >E	Somerset 345kV Voltage	Marcy South S.	49.1	327.8	337.8	4068
4099 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	50.6	327.8	334.2	2776
4099 >E	Ramapo 345kV Voltage	Marcy South S.	51.0	327.8	339.5	4070
4131 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	51.9	327.8	333.7	2922
4131 >E	Somerset 345kV Voltage	SBK Edic R945	51.9	327.8	333.7	2922
4157 >E	Bowline 1 345kV Voltage	Marcy South S.	48.9	327.8	342.4	4093
4177 >E	Bowline 2 345kV Voltage	Marcy South S.	48.8	327.8	342.8	4101
4192 >E	Goethals 345kV Voltage	Ph2 DC 1500	51.9	327.8	338.0	3923
4200 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	56.6	327.8	316.6	3918
4210 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	56.2	327.8	316.6	3927
4312 >E	Somerset 345kV Voltage	Ravenswood 3	61.7	327.8	331.0	4394
4356 >E	Rock Tavern 345kV Voltage	Marcy South S.	54.9	327.8	331.9	4171
4424 >E	Somerset 345kV Voltage	SBK Marcy R3108	63.0	327.8	329.4	4118
4508 >E	Somerset 345kV Voltage	Volney-Marcy	67.1	327.8	328.1	4383
4525 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	67.3	327.8	327.9	4491
4529 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	67.5	327.8	327.8	4516
4539 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	67.9	327.8	327.7	4488
4551 >E	Somerset 345kV Voltage	SBK Edic R70	68.6	327.8	327.5	4570
4561 >E	Somerset 345kV Voltage	SBK Princetown 345	68.6	327.8	327.3	4273
4597 >E	Niagara 345kV Voltage	Marcy South N.	64.7	327.8	353.4	3946
4767 >E	Niagara 230kV East Voltage	Pre-Fault	235.0	NA	225	4767
4767 >E	Niagara 230kV West Voltage	Pre-Fault	235.0	NA	225	4767
4828 >E	Niagara 230kV East Voltage	Marcy South N.	144.3	218.5	233.4	3958
4828 >E	Niagara 230kV West Voltage	Marcy South N.	144.3	218.5	233.4	3958
5096 >E	Rainey 345kV Voltage	Ravenswood 3	114.3	327.8	339.2	5169
5113 >E	Coopers Corners 345kV Voltage	Marcy South S.	62.0	327.8	270.3	4469
5164 >E	Niagara 345kV Voltage	Pre-Fault	113.8	NA	338	5164
5231 >E	Farragut 345kV Voltage	Ravenswood 3	120.3	327.8	338.5	5302
5281 >E	Rainey 345kV Voltage	Pre-Fault	152.5	NA	338	5281
5311 >E	Farragut 345kV Voltage	Pre-Fault	159.5	NA	338	5311
5490 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	181.3	218.5	221.9	3632
5490 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	181.3	218.5	221.9	3632
5551 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	88.8	327.8	334.6	3671
5572 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	186.7	218.5	221.6	3899
5572 >E	Niagara 230kV East Voltage	SBK Edic R945	186.7	218.5	221.6	3899
5572 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	186.7	218.5	221.6	3899
5572 >E	Niagara 230kV West Voltage	SBK Edic R945	186.7	218.5	221.6	3899
5596 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	115.5	207	237.0	3698
5632 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	91.4	327.8	333.9	3940
5632 >E	Niagara 345kV Voltage	SBK Edic R945	91.4	327.8	333.9	3940

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\3MSSC_OP\Sum2023_CEVC_PH2_50_3MSSC_OP.xlsx

1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5635 >E	Niagara 345kV Voltage	Marcy South S.	90.5	327.8	338.2	4674
5727 >E	Niagara 230kV East Voltage	Marcy South S.	196.2	218.5	223.5	4710
5727 >E	Niagara 230kV West Voltage	Marcy South S.	196.2	218.5	223.5	4710
5807 >E	Watercure 230kV Voltage	SBK Edic R945	124.9	207	237.3	4058
5808 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	125.0	207	237.3	4059
5865 >E	Niagara 230kV East Voltage	Ravenswood 3	212.0	218.5	220.3	5929
5865 >E	Niagara 230kV West Voltage	Ravenswood 3	212.0	218.5	220.3	5929
5915 >E	Niagara 345kV Voltage	Ravenswood 3	103.3	327.8	331.4	5979
6209 >E	Goethals 345kV Voltage	Ravenswood 3	158.6	327.8	338.2	6269
6247 >E	Goethals 345kV Voltage	Pre-Fault	223.4	NA	338	6247
6271 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	233.3	218.5	218.6	6242
6271 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	233.3	218.5	218.6	6242
6288 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	234.6	218.5	218.5	6275
6288 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	234.6	218.5	218.5	6275
6290 >E	Niagara 230kV East Voltage	Volney-Marcy	234.8	218.5	218.5	6099
6290 >E	Niagara 230kV West Voltage	Volney-Marcy	234.8	218.5	218.5	6099
6309 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	113.3	327.8	327.9	6280
6312 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	236.2	218.5	218.4	6250
6312 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	236.2	218.5	218.4	6250
6319 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	113.6	327.8	327.8	6306
6322 >E	Niagara 230kV East Voltage	SBK Edic R70	237.6	218.5	218.4	6342
6322 >E	Niagara 230kV West Voltage	SBK Edic R70	237.6	218.5	218.4	6342
6327 >E	Niagara 345kV Voltage	Volney-Marcy	113.9	327.8	327.8	6135
6340 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	114.3	327.8	327.7	6278
6348 >E	Niagara 230kV East Voltage	SBK Princetown 345	238.5	218.5	218.3	5986
6348 >E	Niagara 230kV West Voltage	SBK Princetown 345	238.5	218.5	218.3	5986
6350 >E	Niagara 345kV Voltage	SBK Edic R70	115.0	327.8	327.6	6370
6389 >E	Niagara 345kV Voltage	SBK Princetown 345	115.8	327.8	327.2	6025
6425 >E	Niagara 345kV Voltage	SBK Marcy R3108	116.2	327.8	326.9	5908
6425 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	137.4	327.8	330.5	4208
6470 >E	Gardenville 230kV Voltage	Ph2 DC 1500	134.9	207	243.2	5184
6500 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	143.0	327.8	330.5	4255
6501 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	140.6	327.8	330.0	4529
6501 >E	Rainey 345kV Voltage	SBK Edic R945	140.6	327.8	330.0	4529
6581 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	146.6	327.8	330.0	4583
6581 >E	Farragut 345kV Voltage	SBK Edic R945	146.6	327.8	330.0	4583
6597 >E	Northport 138kV Voltage	Ph2 DC 1500	292.2	131.1	136.0	5254
6711 >E	Niagara 230kV East Voltage	SBK Marcy R3108	261.7	218.5	216.7	6164

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\3MSSC_OP\Sum2023_CEVC_PH2_50_3MSSC_OP.xlsx

1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6711 >E	Niagara 230kV West Voltage	SBK Marcy R3108	261.7	218.5	216.7	6164
6753 >E	Rainey 345kV Voltage	Volney-Marcy	148.8	327.8	328.4	6545
6778 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	150.5	327.8	328.2	6713
6791 >E	Rainey 345kV Voltage	SBK Princetown 345	150.3	327.8	328.1	6411
6811 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	151.5	327.8	328.0	6784
6832 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	152.3	327.8	327.8	6819
6843 >E	Farragut 345kV Voltage	Volney-Marcy	155.3	327.8	328.4	6632
6852 >E	Rainey 345kV Voltage	SBK Edic R70	153.2	327.8	327.7	6874
6873 >E	Rainey 345kV Voltage	Marcy South N.	153.2	327.8	341.0	4066
6876 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	157.3	327.8	328.2	6810
6884 >E	Farragut 345kV Voltage	SBK Princetown 345	156.9	327.8	328.1	6500
6911 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	158.4	327.8	328.0	6884
6925 >E	Farragut 345kV Voltage	Marcy South N.	158.2	327.8	340.7	4068
6929 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	159.1	327.8	327.9	6915
6956 >E	Farragut 345kV Voltage	SBK Edic R70	160.3	327.8	327.7	6977
7512 >E	Rainey 345kV Voltage	Marcy South S.	179.2	327.8	349.4	5410
7572 >E	Farragut 345kV Voltage	Marcy South S.	185.1	327.8	349.0	5434
7594 >E	Gardenville 230kV Voltage	Marcy South S.	174.7	207	222.8	5443
7662 >E	Rainey 345kV Voltage	SBK Marcy R3108	183.2	327.8	322.4	7015
7686 >E	Gardenville 230kV Voltage	Marcy South N.	198.1	207	258.7	4108
7767 >E	Farragut 345kV Voltage	SBK Marcy R3108	191.0	327.8	322.6	7109
7815 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	195.9	327.8	331.0	5063
7937 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	201.2	327.8	330.4	5503
7937 >E	Goethals 345kV Voltage	SBK Edic R945	201.2	327.8	330.4	5503
8276 >E	Goethals 345kV Voltage	Marcy South N.	212.6	327.8	340.7	4139
8298 >E	Goethals 345kV Voltage	Volney-Marcy	213.8	327.8	328.8	8033
8358 >E	Goethals 345kV Voltage	SBK Princetown 345	216.2	327.8	328.5	7913
8454 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	220.4	327.8	328.1	8431
8464 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	221.2	327.8	328.1	8388
8507 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	222.6	327.8	327.9	8492
8598 >E	Goethals 345kV Voltage	SBK Edic R70	226.3	327.8	327.5	8621
8785 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	216.6	207	218.8	5661
8968 >E	Gardenville 230kV Voltage	SBK Edic R945	223.5	207	218.3	6202
8973 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	223.7	207	218.3	6205
9135 >E	Goethals 345kV Voltage	Marcy South S.	248.1	327.8	349.3	6048
9426 >E	Goethals 345kV Voltage	SBK Marcy R3108	257.7	327.8	323.8	8593
9448 >E	Gardenville 230kV Voltage	Pre-Fault	369.4	NA	217	9448
11209	Gardenville 230kV Voltage	Ravenswood 3	303.6	207	212.2	11214

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\3MSSC_OP\Sum2023_CEVC_PH2_50_3MSSC_OP.xlsx

1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
12573	Gardenville 230kV Voltage	SBK Marcy R3108	351.2	207	208.5	11409
>E						
12659	Gardenville 230kV Voltage	Volney-Marcy	354.0	207	208.3	12233
>E						
12973	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	363.5	207	207.5	12964
>E						
13072	Gardenville 230kV Voltage	Princetown-N.Scot 345	366.9	207	207.2	13054
>E						
13181	Gardenville 230kV Voltage	SBK Princetown 345	372.0	207	206.9	12536
>E						
13192	Gardenville 230kV Voltage	N.Scot-Leeds 345	371.4	207	206.9	13088
>E						
13450	Gardenville 230kV Voltage	SBK Edic R70	380.8	207	206.2	13478
>E						
13954	Northport 138kV Voltage	Pre-Fault	1255.3	NA	135	13954
>E						
15447	Watercure 230kV Voltage	SBK Marcy R3108	524.5	207	253.6	13980
>E						
17069	Northport 138kV Voltage	Marcy-N.Scot99 345	1115.9	131.1	132.5	10759
>E						
17297	Northport 138kV Voltage	SBK Edic R945	1134.5	131.1	132.3	11849
>E						
17357	Northport 138kV Voltage	Edic-Gordon Rd. 345	1139.3	131.1	132.3	11890
>E						
18276	Northport 138kV Voltage	Marcy South N.	1216.4	131.1	136.4	4666
>E						
18644	Northport 138kV Voltage	Volney-Marcy	1238.1	131.1	131.3	17996
>E						
18697	Northport 138kV Voltage	N.Scot-Leeds 345	1243.8	131.1	131.2	18560
>E						
18850	Northport 138kV Voltage	Princetown-N.Scot 345	1255.3	131.1	131.1	18830
>E						
18922	Northport 138kV Voltage	SBK Edic R70	1261.2	131.1	131.0	18957
>E						
18926	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	1261.2	131.1	131.0	18935
>E						
19011	Northport 138kV Voltage	SBK Princetown 345	1267.1	131.1	131.0	18125
>E						
19793	Northport 138kV Voltage	Ravenswood 3	1362.6	131.1	130.3	19702
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

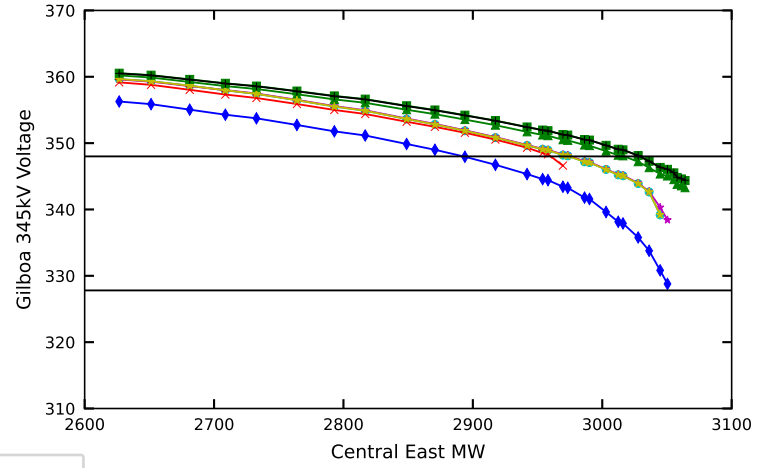
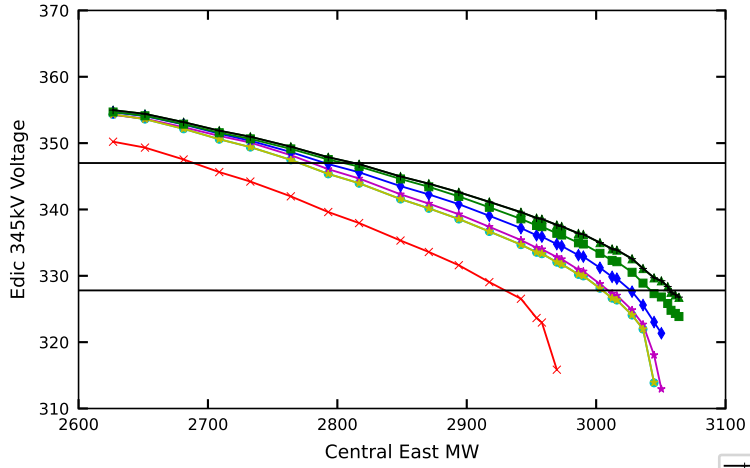
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1: 2023S CEVC PH2 CE2530 MS2270 DE1710 50 3MSSC_OP

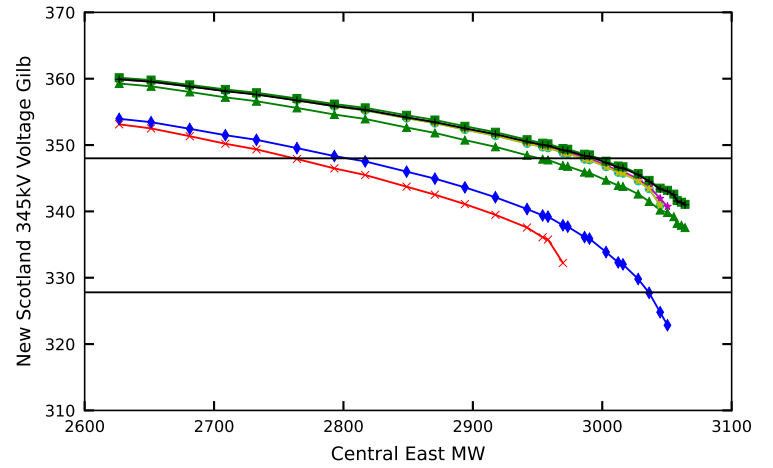
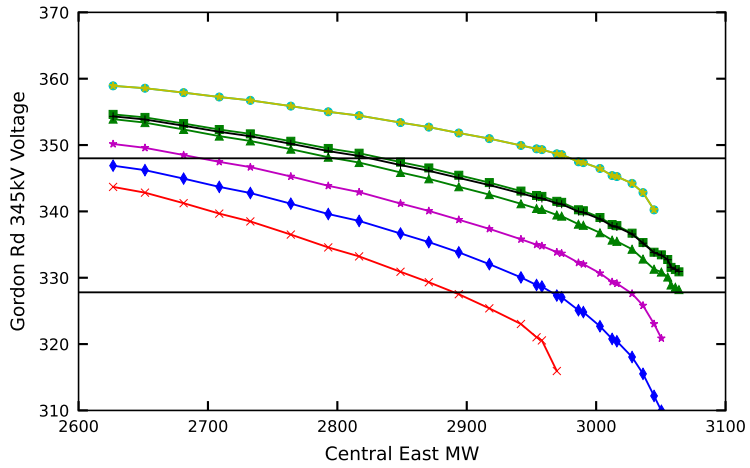
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
22289 >E	Northport 138kV Voltage	SBK Marcy R3108	1523.3	131.1	128.4	20101
34485 >E	Northport 138kV Voltage	Marcy South S.	2489.6	131.1	144.4	16004
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99999 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99999

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

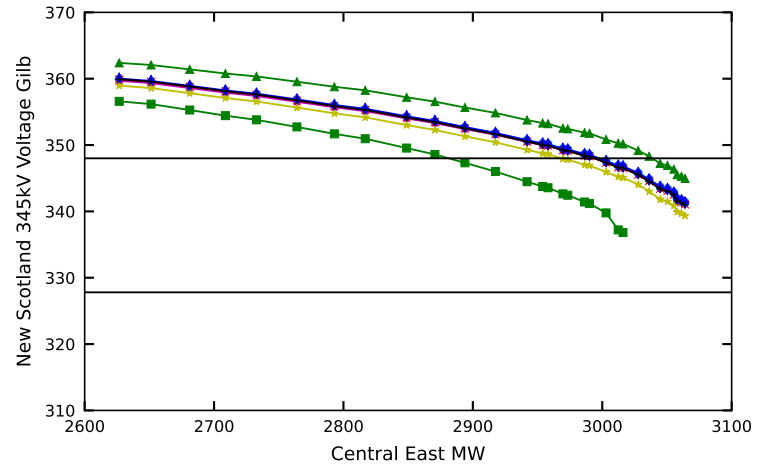
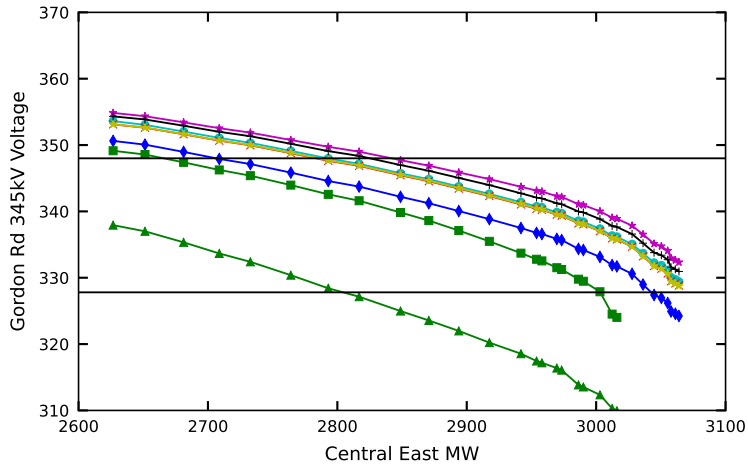
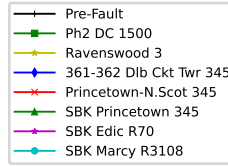
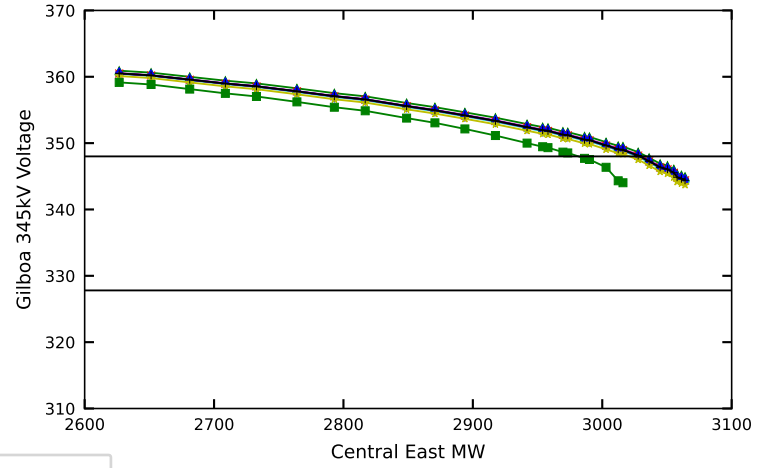
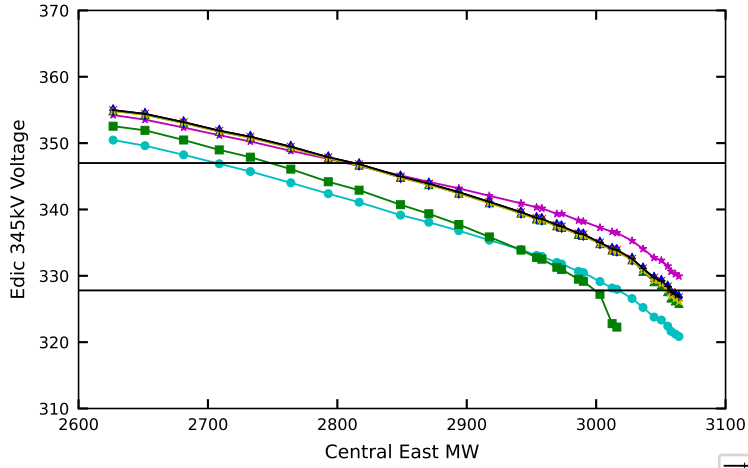
1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S Figure 1



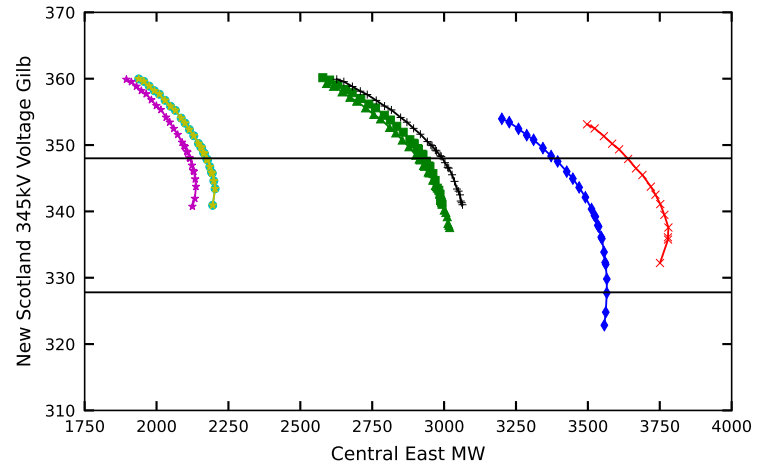
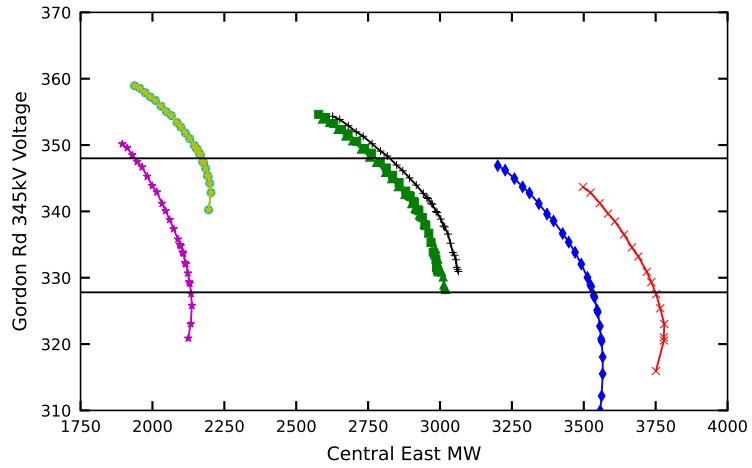
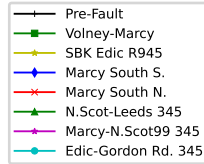
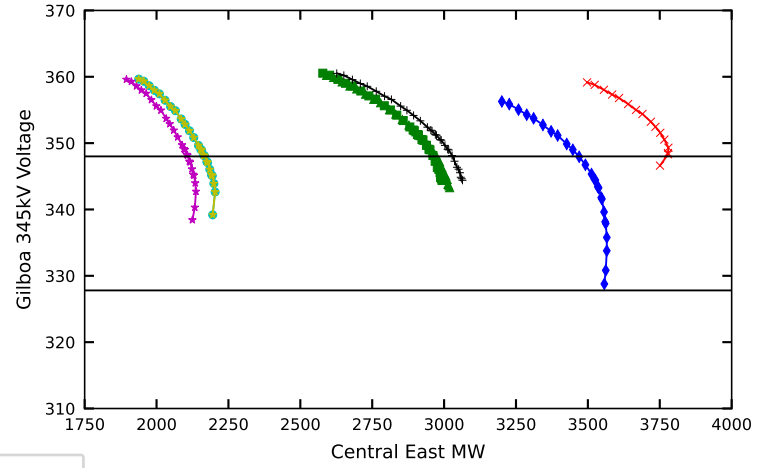
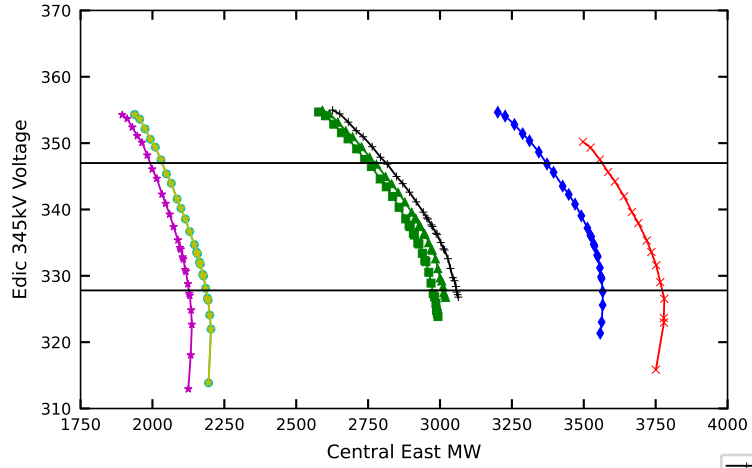
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



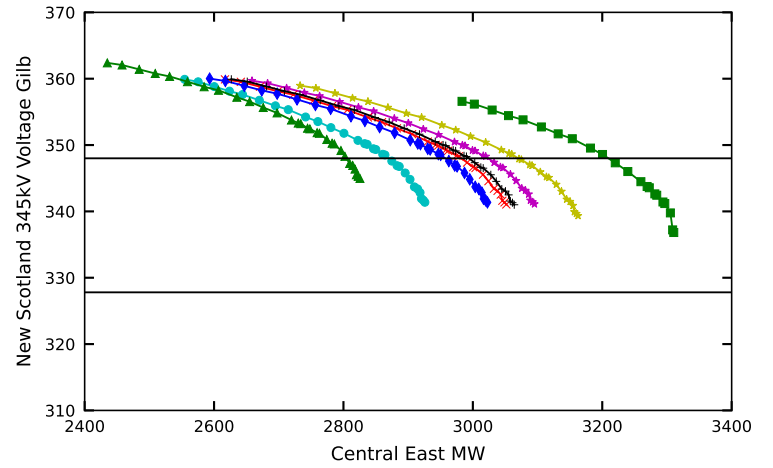
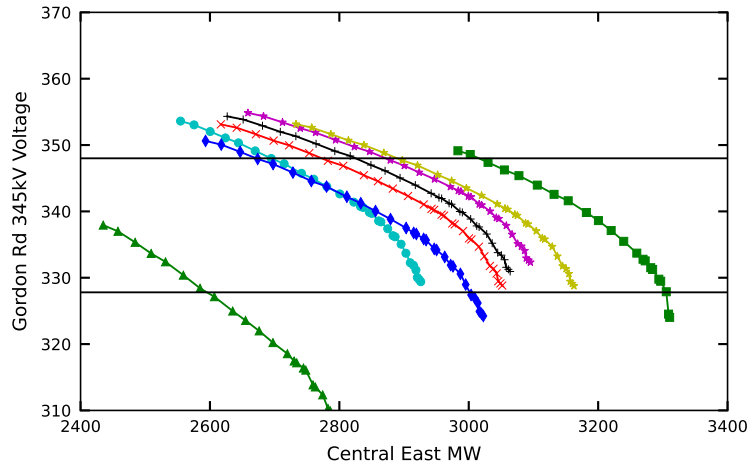
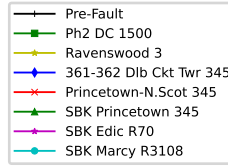
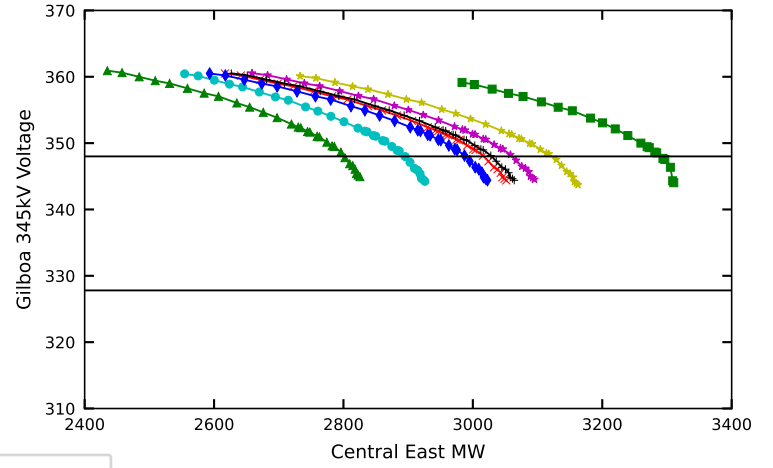
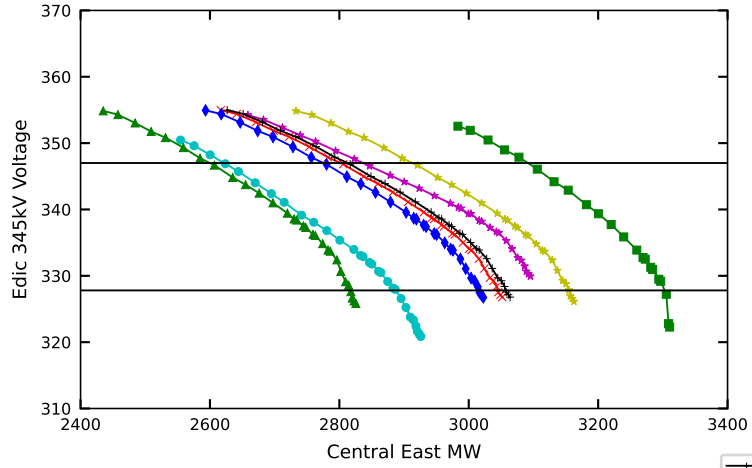
1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S Figure 2



1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S Figure 1



1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S Figure 2



Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\3S\Sum2023_CEVC_PH2_50_3S.xlsx

1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

Interface: Central East

Transfer r MW	bas e	ce0 1	ce0 2	ce0 3	ce0 7	ce0 8	ce1 1	ce1 3	ce1 5	ce2 0	ce3 0	ce3 1	ce3 2	log0 9	log1 5
2626	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2651	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2681	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2708	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2732	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2764	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2792	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2816	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2848	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2870	t1 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2893	t1 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2917	t1 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2941	t1 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2953	t1 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2958	t1 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2969	t1 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2973	t1 7	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2986	t1 8	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2990	t1 9	0	0	0	0	2	0	0	0	0	0	0	0	0	0
3002	t2 0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
3012	t2 1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
3016	t2 2	0	0	0	0	2	0	0	0	0	0	0	0	0	0
3027	t2 3	0	0	0	0	2	0	0	0	0	0	0	0	0	2
3036	t2 4	0	0	0	0	2	0	0	0	0	0	0	0	0	2
3044	t2 5	0	0	0	0	2	0	0	0	0	0	0	0	0	2
3050	t2 6	0	2	0	0	2	0	2	0	0	0	0	0	0	2
3055	t2 7	0	2	2	0	2	2	2	0	0	0	0	0	0	2
3057	t2	0	2	2	0	2	2	2	0	0	0	0	0	0	2

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\3S\Sum2023_CEVC_PH2_50_3S.xlsx

1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

Interface: Central East

	8															
3061	t2	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	9															
3063	t3	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	0															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

SBK Edic R70 ce30)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SBK Princ etow n 345 ce31)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Princ etow n- N.Sc ot 345 ce32)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
361- 362 Dlb Ckt Twr 345 log09) Rave nswod 3 log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
639 >E	Dunwoodie 345kV Voltage	Pre-Fault	437.2	NA	348	639
838 >E	Sprain Brook 345kV Voltage	Pre-Fault	409.1	NA	348	838
2790	Marcy 345kV Voltage	Pre-Fault	18.0	NA	348	2790
2794	limit with 5% margin	Marcy South N.	NA	NA	NA	3591
2804	Gordon Rd 345kV Voltage	SBK Princetown 345	18.7	327.8	348.7	2595
2812	Edic 345kV Voltage	Pre-Fault	22.9	NA	347	2812
2825	Gordon Rd 345kV Voltage	Pre-Fault	23.3	NA	348	2825
2847	Millwood 345kV Voltage	Pre-Fault	45.3	NA	348	2847
2865	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3145
2876	limit with 5% margin	Marcy South S.	NA	NA	NA	3387
2884	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2093
2884	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2030
2884	limit with 5% margin	SBK Edic R945	NA	NA	NA	2093
2890	Gordon Rd 345kV Voltage	Marcy South N.	12.8	327.8	345.2	3749
2910	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2868
2910	limit with 5% margin	Volney-Marcy	NA	NA	NA	2843
2910	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2779
2910	limit with 5% margin	SBK Edic R70	NA	NA	NA	2940
2910	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2684
2910	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2899
2910	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2871
2910	limit with 5% margin	Ravenswood 3	NA	NA	NA	3004
2929	Edic 345kV Voltage	Marcy South N.	9.7	327.8	340.4	3772
2931	Marcy 345kV Voltage	Marcy South N.	9.7	327.8	340.2	3774
2941	Buchanan North 345kV Voltage	Pre-Fault	63.5	NA	346	2941
2965	Gordon Rd 345kV Voltage	Marcy South S.	8.5	327.8	341.5	3531
2976 >E	Oakdale 345kV Voltage	Marcy South N.	8.6	320	342.0	3799
2979	Station 80 345kV Voltage	Pre-Fault	29.2	NA	346	2979
2989	Pannell Road 345kV Voltage	Pre-Fault	53.9	NA	346	2989
2993	New Scotland 345kV Voltage Alps	Pre-Fault	13.7	NA	348	2993
2993	New Scotland 345kV Voltage Gilb	Pre-Fault	13.7	NA	348	2993
2999	Edic 345kV Voltage	Ph2 DC 1500	6.6	327.8	335.4	3302
2999	Marcy 345kV Voltage	Ph2 DC 1500	6.5	327.8	335.2	3303
3000	Marcy 345kV Voltage	SBK Edic R945	6.7	327.8	335.1	2183
3000	Marcy 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	335.1	2183
3003	Gordon Rd 345kV Voltage	Ph2 DC 1500	2.8	327.8	338.8	3305
3004	Edic 345kV Voltage	SBK Edic R945	6.4	327.8	334.8	2186
3004	Edic 345kV Voltage	Edic-Gordon Rd. 345	6.3	327.8	334.8	2186
3009	Edic 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	334.4	2126
3016	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.4	327.8	333.7	2130

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3017	Clay 345kV Voltage	Pre-Fault	15.6	NA	345	3017
3017	Rock Tavern 345kV Voltage	Pre-Fault	20.6	NA	348	3017
3017	Edic 345kV Voltage	SBK Marcy R3108	8.4	327.8	333.7	2887
3022	Coopers Corners 345kV Voltage	SBK Edic R945	5.8	327.8	339.5	2196
3022	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	5.8	327.8	339.5	2196
3024	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.9	327.8	339.3	2133
3026	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.7	327.8	336.7	2133
3026	Edic 345kV Voltage	Marcy South S.	6.0	327.8	332.7	3565
3028 >E	Marcy 345kV Voltage	Marcy South S.	5.9	327.8	332.4	3565
3028	Pleasant Valley 345kV Voltage	Pre-Fault	19.4	NA	348	3028
3029	Gilboa 345kV Voltage	Pre-Fault	9.8	NA	348	3029
3032	Fraser 345kV Voltage	Pre-Fault	5.4	NA	338	3032
3034	Oakdale 345kV Voltage	Pre-Fault	4.3	NA	335	3034
3034	Coopers Corners 345kV Voltage	Pre-Fault	7.4	NA	338	3034
3035	Fraser 345kV Voltage	SBK Edic R945	3.6	327.8	337.3	2203
3035	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.6	327.8	337.3	2203
3036 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.5	327.8	337.1	2137
3038 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.3	327.8	344.6	3569
3038 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.3	327.8	344.6	3569
3038	Buchanan South 345kV Voltage	Pre-Fault	20.3	NA	346	3038
3040 >E	Ramapo 500kV Voltage	Ph2 DC 1500	19.3	500	507.3	3321
3042	Edic 345kV Voltage	Volney-Marcy	5.4	327.8	330.1	2973
3042	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	5.4	327.8	334.1	3001
3042	Marcy 345kV Voltage	Volney-Marcy	5.3	327.8	329.9	2974
3046 >E	Oakdale 345kV Voltage	SBK Edic R945	3.2	320	332.1	2209
3046 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.2	320	332.1	2209
3047 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.2	320	332.0	2140
3054	Edic 345kV Voltage	SBK Princetown 345	5.0	327.8	328.6	2817
3054	Marcy 345kV Voltage	SBK Princetown 345	5.0	327.8	328.4	2817
3055	Edic 345kV Voltage	Ravenswood 3	2.8	327.8	328.3	3154
3055	Marcy 345kV Voltage	Ravenswood 3	2.8	327.8	328.1	3155
3056	Marcy 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	327.8	3012
3056	Marcy 345kV Voltage	SBK Marcy R3108	3.0	327.8	327.8	2919
3056	Marcy 345kV Voltage	SBK Edic R70	3.0	327.8	327.8	3087
3056	Marcy 345kV Voltage	Princetown-N.Scot 345	3.0	327.8	327.8	3044
3056	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.0	327.8	327.8	3015
3056	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.0	327.8	327.8	3015
3056	Edic 345kV Voltage	N.Scot-Leeds 345	3.0	327.8	327.8	3012

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3057	Edic 345kV Voltage	Princetown-N.Scot 345	3.0	327.8	327.8	3044
3066 >E	New Scotland 345kV Voltage Alps	Marcy South N.	12.8	327.8	344.9	3851
3066 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	12.8	327.8	344.9	3851
3067 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	7.9	327.8	330.6	3022
3071 >E	Gordon Rd 345kV Voltage	Ravenswood 3	8.1	327.8	330.0	3169
3072 >E	Gilboa 345kV Voltage	Marcy South S.	5.6	327.8	344.9	3579
3072 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	8.6	327.8	329.9	3060
3077 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	8.6	327.8	329.4	2937
3080 >E	Ramapo 345kV Voltage	Pre-Fault	34.3	NA	346	3080
3082 >E	Edic 345kV Voltage	SBK Edic R70	8.4	327.8	324.4	3113
3085 >E	Coopers Corners 345kV Voltage	Ravenswood 3	10.1	327.8	332.1	3182
3088 >E	Gordon Rd 345kV Voltage	Volney-Marcy	8.1	327.8	328.1	3013
3092 >E	Fraser 345kV Voltage	Ph2 DC 1500	8.5	327.8	337.2	3346
3093 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	10.7	327.8	338.2	3346
3094 >E	Clay 345kV Voltage	SBK Edic R945	6.2	327.8	337.3	2233
3094 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	6.2	327.8	337.3	2233
3098 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	6.3	327.8	336.8	2156
3099 >E	Clay 345kV Voltage	Marcy South N.	16.2	327.8	342.8	3870
3100 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	9.3	327.8	343.8	3349
3100 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	9.3	327.8	343.8	3349
3101 >E	Ramapo 500kV Voltage	Ravenswood 3	30.5	500	505.4	3197
3102 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	8.2	327.8	327.8	3057
3102 >E	Fraser 345kV Voltage	Volney-Marcy	8.2	327.8	327.8	3024
3102 >E	Fraser 345kV Voltage	SBK Marcy R3108	8.2	327.8	327.8	2959
3102 >E	Fraser 345kV Voltage	SBK Edic R70	8.2	327.8	327.8	3135
3102 >E	Fraser 345kV Voltage	SBK Princetown 345	8.2	327.8	327.8	2863
3102 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	8.2	327.8	327.8	3090
3102 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	8.2	327.8	327.8	3061
3102 >E	Fraser 345kV Voltage	Ravenswood 3	8.2	327.8	327.8	3198
3104 >E	Gordon Rd 345kV Voltage	SBK Edic R70	9.0	327.8	326.2	3137
3107 >E	Oakdale 345kV Voltage	SBK Marcy R3108	9.1	320	324.6	2963
3108 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	10.3	327.8	330.1	2868
3108 >E	St.Lawrence 230kV Voltage	Pre-Fault	19.6	NA	225	3108
3109 >E	Oakdale 345kV Voltage	Ph2 DC 1500	9.5	320	334.6	3353
3113 >E	Fraser 345kV Voltage	Marcy South S.	7.8	327.8	327.8	3593
3118 >E	Oakdale 345kV Voltage	Volney-Marcy	8.6	320	323.4	3036
3122 >E	Coopers Corners 345kV Voltage	SBK Edic R70	11.1	327.8	328.8	3155
3124 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	10.9	327.8	328.6	3079
3127 >E	Ladentown 345kV Voltage	Pre-Fault	34.7	NA	346	3127
3127 >E	Gordon Rd 345kV Voltage	SBK Edic R945	6.1	327.8	320.3	2250

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3127 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	6.1	327.8	320.3	2250
3129 >E	Oakdale 345kV Voltage	Ravenswood 3	8.8	320	322.2	3222
3129 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	11.0	327.8	328.2	3088
3130 >E	Leeds 345kV Voltage	Marcy South S.	6.6	327.8	348.6	3598
3132 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	11.1	327.8	327.9	3120
3132 >E	Leeds 345kV Voltage	Pre-Fault	12.2	NA	345	3132
3134 >E	Coopers Corners 345kV Voltage	Volney-Marcy	10.6	327.8	327.7	3050
3134 >E	Oakdale 345kV Voltage	SBK Princetown 345	9.2	320	321.6	2895
3134 >E	Gilboa 345kV Voltage	SBK Edic R945	6.7	327.8	337.2	2253
3134 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	337.2	2253
3135 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	6.7	327.8	337.1	2168
3137 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	24.5	500	505.6	2168
3138 >E	Clay 345kV Voltage	Ph2 DC 1500	12.0	327.8	341.8	3367
3142 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	8.0	327.8	332.3	3096
3142 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	8.0	327.8	332.3	3096
3146 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	25.8	500	505.5	2259
3146 >E	Ramapo 500kV Voltage	SBK Edic R945	25.8	500	505.5	2259
3148 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	9.4	320	320.2	3106
3148 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	9.4	320	320.2	3102
3149 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	9.4	320	320.1	3137
3149 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	7.3	327.8	331.2	2261
3149 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	7.3	327.8	331.2	2261
3149 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	7.3	327.8	331.2	2261
3149 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	7.3	327.8	331.2	2261
3155 >E	Oakdale 345kV Voltage	Marcy South S.	7.3	320	319.2	3606
3155 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	7.5	327.8	330.4	2174
3155 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	7.5	327.8	330.4	2174
3157 >E	Oakdale 345kV Voltage	SBK Edic R70	9.6	320	319.3	3191
3159 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	13.6	218.5	222.4	3008
3160 >E	St.Lawrence 230kV Voltage	Volney-Marcy	12.5	218.5	222.3	3071
3163 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	8.6	327.8	330.0	3254
3163 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	8.6	327.8	330.0	3254
3165 >E	Rock Tavern 345kV Voltage	SBK Edic R945	9.1	327.8	338.5	2269
3165 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	338.5	2269
3166 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	9.0	327.8	338.4	2177
3172 >E	Clay 345kV Voltage	Volney-Marcy	10.6	327.8	332.1	3080
3172 >E	Roseton 345kV Voltage	Pre-Fault	27.6	NA	345	3172
3172 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	22.6	218.5	227.4	3383
3173 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	12.1	327.8	324.2	3020

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3175 >E	Clay 345kV Voltage	Marcy South S.	10.4	327.8	334.8	3612
3177 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	8.6	327.8	328.4	3085
3177 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	8.6	327.8	328.4	3085
3178 >E	Pannell Road 345kV Voltage	SBK Edic R945	11.0	327.8	335.6	2276
3178 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	11.0	327.8	335.6	2276
3181 >E	Clay 345kV Voltage	SBK Marcy R3108	13.3	327.8	331.3	3027
3183 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	9.0	327.8	327.8	3170
3183 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	9.0	327.8	327.8	3170
3184 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	11.2	327.8	335.3	2183
3185 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	9.1	327.8	327.5	3220
3185 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	9.1	327.8	327.5	3220
3185 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	9.0	327.8	327.5	3144
3185 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	9.0	327.8	327.5	3144
3188 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	9.2	327.8	327.2	3033
3188 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	9.2	327.8	327.2	3033
3188 >E	St.Lawrence 230kV Voltage	SBK Edic R945	18.2	218.5	220.8	2281
3188 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	18.2	218.5	220.8	2281
3188 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	17.4	218.5	220.8	2184
3201 >E	St.Lawrence 230kV Voltage	Ravenswood 3	16.7	218.5	220.2	3289
3202 >E	Clay 345kV Voltage	Ravenswood 3	11.5	327.8	329.6	3290
3203 >E	Fraser 345kV Voltage	Marcy South N.	14.0	327.8	327.8	3930
3205 >E	Pleasant Valley 345kV Voltage	Marcy South S.	12.5	327.8	341.3	3622
3212 >E	Clay 345kV Voltage	SBK Princetown 345	12.2	327.8	328.9	2972
3216 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	8.9	327.8	324.1	2975
3216 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	8.9	327.8	324.1	2975
3216 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	9.9	327.8	331.4	3169
3216 >E	St.Lawrence 230kV Voltage	Marcy South S.	19.3	218.5	220.7	3625
3218 >E	Gilboa 345kV Voltage	Ph2 DC 1500	12.5	327.8	343.9	3404
3219 >E	Station 80 345kV Voltage	SBK Edic R945	13.3	327.8	334.9	2296
3219 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	13.3	327.8	334.9	2296
3220 >E	Bowline 1 345kV Voltage	Pre-Fault	34.6	NA	345	3220
3224 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	13.6	327.8	334.6	2195
3225 >E	Clay 345kV Voltage	N.Scot-Leeds 345	12.6	327.8	327.9	3178
3225 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	12.6	327.8	327.9	3184
3225 >E	Clay 345kV Voltage	Princetown-N.Scot 345	12.6	327.8	327.8	3213
3228 >E	Bowline 2 345kV Voltage	Pre-Fault	34.6	NA	345	3228
3233 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	19.3	218.5	218.6	2992
3235 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	19.6	218.5	218.5	3223

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3236 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	19.6	218.5	218.5	3195
3236 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	19.6	218.5	218.5	3188
3240 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	18.1	327.8	340.5	3414
3241 >E	St.Lawrence 230kV Voltage	SBK Edic R70	20.2	218.5	218.2	3277
3246 >E	Gilboa 345kV Voltage	Ravenswood 3	11.5	327.8	328.8	3329
3251 >E	Clay 345kV Voltage	SBK Edic R70	13.6	327.8	325.8	3288
3254 >E	Gilboa 345kV Voltage	Volney-Marcy	11.5	327.8	328.1	3147
3256 >E	Gilboa 345kV Voltage	SBK Marcy R3108	11.7	327.8	328.0	3091
3257 >E	Gilboa 345kV Voltage	Princeton-N.Scot 345	11.7	327.8	327.8	3245
3257 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	11.7	327.8	327.8	3217
3261 >E	Gilboa 345kV Voltage	SBK Edic R70	11.8	327.8	327.6	3298
3261 >E	Gilboa 345kV Voltage	SBK Princetown 345	11.5	327.8	327.5	3020
3263 >E	Ramapo 500kV Voltage	SBK Princetown 345	33.4	500	501.1	3022
3264 >E	Buchanan North 345kV Voltage	SBK Edic R945	16.4	327.8	334.2	2319
3264 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	16.4	327.8	334.2	2319
3264 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	16.3	327.8	334.2	2208
3265 >E	Pannell Road 345kV Voltage	Volney-Marcy	15.2	327.8	330.5	3156
3274 >E	Station 80 345kV Voltage	Ph2 DC 1500	20.7	327.8	339.9	3430
3278 >E	Pannell Road 345kV Voltage	Ravenswood 3	15.7	327.8	329.7	3359
3284 >E	Ramapo 500kV Voltage	Volney-Marcy	35.3	500	500.6	3171
3287 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	36.4	500	500.5	3239
3289 >E	Pannell Road 345kV Voltage	Marcy South N.	27.4	327.8	339.7	3980
3295 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	18.3	327.8	328.7	3125
3299 >E	Ramapo 500kV Voltage	SBK Marcy R3108	36.9	500	500.2	3128
3299 >E	Rock Tavern 345kV Voltage	Ravenswood 3	18.9	327.8	334.3	3378
3299 >E	Pannell Road 345kV Voltage	SBK Princetown 345	16.6	327.8	328.4	3058
3300 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	37.3	500	500.2	3259
3301 >E	Pannell Road 345kV Voltage	Marcy South S.	17.1	327.8	333.1	3652
3302 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	14.9	327.8	336.9	2220
3303 >E	Ramapo 345kV Voltage	SBK Edic R945	15.1	327.8	336.8	2339
3303 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	15.1	327.8	336.8	2339
3303 >E	Station 80 345kV Voltage	Volney-Marcy	17.2	327.8	330.0	3187
3304 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	37.5	500	500.0	3292
3306 >E	Ramapo 500kV Voltage	Pre-Fault	37.7	NA	500	3306
3306 >E	Ramapo 500kV Voltage	SBK Edic R70	38.1	500	500.0	3345
3308 >E	Buchanan North 345kV Voltage	Ravenswood 3	30.4	327.8	335.7	3387
3308 >E	Station 80 345kV Voltage	Ravenswood 3	17.6	327.8	329.8	3387
3310 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	20.1	327.8	331.4	2343

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3310 >E	Sprain Brook 345kV Voltage	SBK Edic R945	20.1	327.8	331.4	2343
3310 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	17.0	327.8	327.8	3269
3310 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	17.0	327.8	327.8	3261
3310 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	16.9	327.8	327.8	3298
3313 >E	Dunwoodie 345kV Voltage	SBK Edic R945	20.5	327.8	331.4	2344
3313 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	20.5	327.8	331.4	2345
3315 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	20.2	327.8	331.3	2224
3317 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	17.7	327.8	332.4	2346
3317 >E	Millwood 345kV Voltage	SBK Edic R945	17.7	327.8	332.4	2346
3318 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	20.5	327.8	331.2	2225
3321 >E	Buchanan South 345kV Voltage	SBK Edic R945	16.8	327.8	333.8	2348
3321 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	16.8	327.8	333.8	2348
3321 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	17.8	327.8	332.2	2226
3323 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	16.8	327.8	333.7	2226
3327 >E	Sprain Brook 345kV Voltage	Ravenswood 3	44.9	327.8	336.0	3404
3328 >E	Dunwoodie 345kV Voltage	Ravenswood 3	45.8	327.8	336.0	3405
3328 >E	Pannell Road 345kV Voltage	SBK Edic R70	17.7	327.8	326.8	3367
3333 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	15.2	327.8	336.6	2229
3334 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	15.4	327.8	336.6	2355
3334 >E	Ladentown 345kV Voltage	SBK Edic R945	15.4	327.8	336.6	2355
3336 >E	Station 80 345kV Voltage	SBK Princetown 345	18.6	327.8	328.3	3094
3342 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	12.2	327.8	327.8	3293
3342 >E	Leeds 345kV Voltage	Volney-Marcy	12.2	327.8	327.8	3219
3342 >E	Leeds 345kV Voltage	SBK Edic R70	12.2	327.8	327.8	3382
3342 >E	Leeds 345kV Voltage	Ravenswood 3	12.2	327.8	327.8	3418
3342 >E	Leeds 345kV Voltage	SBK Marcy R3108	12.2	327.8	327.8	3166
3342 >E	Leeds 345kV Voltage	SBK Princetown 345	12.2	327.8	327.8	3100
3342 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	12.2	327.8	327.8	3330
3342 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	12.2	327.8	327.8	3302
3343 >E	Station 80 345kV Voltage	SBK Marcy R3108	20.6	327.8	327.9	3167
3345 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	18.7	327.8	345.5	3463
3345 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	18.9	327.8	327.8	3333
3345 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	18.9	327.8	327.8	3305
3345 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	18.9	327.8	327.8	3296
3357 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	15.2	327.8	337.2	2237
3357 >E	Millwood 345kV Voltage	Ravenswood 3	34.0	327.8	335.8	3432
3357 >E	Bowline 1 345kV Voltage	SBK Edic R945	15.3	327.8	337.2	2367
3357 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	15.3	327.8	337.2	2367

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3358 >E	Station 80 345kV Voltage	Marcy South S.	20.3	327.8	332.3	3670
3358 >E	Millwood 345kV Voltage	Marcy South S.	20.4	327.8	334.9	3670
3358 >E	Leeds 345kV Voltage	Ph2 DC 1500	14.5	327.8	349.1	3470
3360 >E	Station 80 345kV Voltage	SBK Edic R70	19.5	327.8	327.0	3400
3361 >E	Dunwoodie 345kV Voltage	Marcy South S.	24.0	327.8	333.7	3671
3361 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	15.1	327.8	337.3	2238
3362 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	15.2	327.8	337.3	2369
3362 >E	Bowline 2 345kV Voltage	SBK Edic R945	15.2	327.8	337.3	2369
3363 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	20.5	327.8	332.1	3438
3365 >E	Sprain Brook 345kV Voltage	Marcy South S.	24.0	327.8	333.6	3672
3368 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	25.4	327.8	342.3	3474
3370 >E	Gilboa 345kV Voltage	Marcy South N.	19.9	327.8	335.6	4026
3370 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	16.7	327.8	330.4	2373
3370 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	16.7	327.8	330.4	2373
3372 >E	Station 80 345kV Voltage	Marcy South N.	31.4	327.8	338.3	4027
3375 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	15.9	327.8	334.7	2376
3376 >E	Roseton 345kV Voltage	SBK Edic R945	15.9	327.8	334.7	2376
3378 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	15.9	327.8	334.6	2243
3379 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	16.9	327.8	329.9	2244
3379 >E	Ramapo 500kV Voltage	Marcy South S.	53.2	500	505.9	3677
3381 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	13.7	327.8	327.8	2379
3381 >E	Leeds 345kV Voltage	SBK Edic R945	13.7	327.8	327.8	2379
3381 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	13.7	327.8	327.8	2244
3385 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	19.7	327.8	330.5	3142
3389 >E	Buchanan South 345kV Voltage	Ravenswood 3	31.2	327.8	336.0	3461
3412 >E	Roseton 345kV Voltage	Marcy South S.	17.5	327.8	338.0	3687
3418 >E	Watercure 230kV Voltage	Pre-Fault	20.6	NA	215	3418
3424 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	22.4	327.8	345.8	3500
3424 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	21.8	327.8	328.7	3373
3429 >E	Ramapo 345kV Voltage	Ravenswood 3	27.2	327.8	335.8	3498
3432 >E	St.Lawrence 230kV Voltage	Marcy South N.	46.7	218.5	222.0	4062
3433 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	20.9	327.8	328.9	3382
3436 >E	Rock Tavern 345kV Voltage	SBK Edic R70	22.5	327.8	328.2	3478
3439 >E	Rock Tavern 345kV Voltage	Volney-Marcy	21.7	327.8	328.0	3297
3439 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	22.3	327.8	328.0	3399
3441 >E	Buchanan South 345kV Voltage	Marcy South S.	21.8	327.8	334.0	3697
3442 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	22.4	327.8	327.9	3430
3454 >E	Millwood 345kV Voltage	Ph2 DC 1500	28.1	327.8	343.7	3514
3454 >E	Ramapo 345kV Voltage	Ph2 DC 1500	23.9	327.8	346.2	3514
3456 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	20.8	327.8	327.8	3212

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3456 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	21.6	327.8	327.8	3444
3456 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	26.2	327.8	344.8	3515
3457 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	21.7	327.8	327.8	3499
3458 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	21.6	327.8	327.8	3417
3458 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	21.4	327.8	327.7	3313
3461 >E	Ladentown 345kV Voltage	Ravenswood 3	27.8	327.8	336.4	3527
3472 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	33.8	327.8	341.6	3523
3476 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	22.0	327.8	326.9	3281
3477 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	34.2	327.8	341.5	3525
3488 >E	Watercure 230kV Voltage	Ph2 DC 1500	22.6	207	224.1	3530
3489 >E	Ladentown 345kV Voltage	Ph2 DC 1500	24.1	327.8	347.4	3530
3491 >E	Buchanan North 345kV Voltage	Marcy South S.	25.3	327.8	330.4	3712
3504 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	24.1	327.8	325.2	3305
3506 >E	Bowline 1 345kV Voltage	Ravenswood 3	27.6	327.8	336.7	3568
3508 >E	Roseton 345kV Voltage	Ravenswood 3	25.0	327.8	332.8	3571
3512 >E	Somerset 345kV Voltage	Pre-Fault	34.3	NA	338	3512
3512 >E	Bowline 2 345kV Voltage	Ravenswood 3	27.7	327.8	336.8	3575
3520 >E	Watercure 230kV Voltage	Ravenswood 3	19.0	207	210.1	3582
3522 >E	Watercure 230kV Voltage	Volney-Marcy	19.0	207	210.0	3364
3526 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	24.0	327.8	348.7	3548
3533 >E	Buchanan North 345kV Voltage	SBK Princetown 345	32.8	327.8	329.8	3289
3536 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	24.0	327.8	349.1	3553
3541 >E	Watercure 230kV Voltage	SBK Marcy R3108	20.2	207	209.0	3338
3549 >E	Leeds 345kV Voltage	Marcy South N.	24.1	327.8	341.7	4129
3564 >E	Roseton 345kV Voltage	Ph2 DC 1500	25.5	327.8	348.1	3565
3565 >E	Watercure 230kV Voltage	SBK Princetown 345	20.3	207	207.9	3320
3575 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	36.3	327.8	328.7	3522
3581 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	20.6	207	207.1	3541
3583 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	20.6	207	207.0	3570
3583 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	20.6	207	207.0	3530
3596 >E	Watercure 230kV Voltage	SBK Edic R70	21.0	207	206.4	3643
3597 >E	Buchanan North 345kV Voltage	Volney-Marcy	36.6	327.8	328.1	3426
3602 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	37.5	327.8	327.9	3562
3603 >E	Coopers Corners 345kV Voltage	Marcy South N.	23.8	327.8	308.6	4160
3604 >E	Buchanan North 345kV Voltage	SBK Edic R70	38.0	327.8	327.9	3651
3604 >E	Somerset 345kV Voltage	SBK Edic R945	25.1	327.8	336.2	2493
3604 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	25.1	327.8	336.2	2493
3605 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	37.7	327.8	327.9	3593

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3607 >E	Ramapo 345kV Voltage	SBK Princetown 345	29.4	327.8	330.6	3361
3607 >E	Roseton 345kV Voltage	SBK Princetown 345	25.6	327.8	329.2	3362
3611 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	25.3	327.8	336.1	2316
3622 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	26.7	327.8	328.7	3568
3623 >E	Millwood 345kV Voltage	SBK Princetown 345	36.0	327.8	329.2	3377
3623 >E	Rock Tavern 345kV Voltage	Marcy South S.	21.8	327.8	318.6	3754
3629 >E	Buchanan South 345kV Voltage	SBK Princetown 345	33.4	327.8	329.7	3383
3639 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	38.3	327.8	327.0	3422
3641 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	38.5	327.8	328.8	3586
3643 >E	Roseton 345kV Voltage	Volney-Marcy	27.1	327.8	327.9	3463
3644 >E	Roseton 345kV Voltage	SBK Edic R70	27.7	327.8	327.9	3692
3644 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	27.5	327.8	327.9	3605
3645 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	27.5	327.8	327.9	3633
3655 >E	Ladentown 345kV Voltage	Marcy South S.	25.6	327.8	330.8	3764
3660 >E	Ladentown 345kV Voltage	SBK Princetown 345	30.0	327.8	330.6	3414
3661 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	36.2	327.8	328.8	3606
3671 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	33.0	327.8	328.8	3616
3677 >E	Millwood 345kV Voltage	Volney-Marcy	39.5	327.8	327.9	3490
3677 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	40.1	327.8	327.9	3637
3678 >E	Millwood 345kV Voltage	SBK Edic R70	40.6	327.8	327.9	3727
3678 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	40.2	327.8	327.9	3666
3679 >E	Ramapo 345kV Voltage	Marcy South S.	27.1	327.8	328.2	3772
3685 >E	Roseton 345kV Voltage	SBK Marcy R3108	28.5	327.8	326.4	3462
3689 >E	Ramapo 345kV Voltage	Volney-Marcy	33.1	327.8	328.3	3500
3691 >E	Buchanan South 345kV Voltage	Volney-Marcy	36.8	327.8	328.0	3502
3695 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	37.6	327.8	327.9	3656
3697 >E	Buchanan South 345kV Voltage	SBK Edic R70	38.0	327.8	327.9	3747
3697 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	37.7	327.8	327.9	3684
3698 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	34.0	327.8	328.0	3658
3700 >E	Ramapo 345kV Voltage	SBK Edic R70	34.5	327.8	327.9	3750
3701 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	48.0	327.8	329.2	3454
3702 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	34.2	327.8	327.9	3689
3708 >E	Bowline 1 345kV Voltage	SBK Princetown 345	29.8	327.8	330.9	3461
3708 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	48.8	327.8	329.2	3462
3709 >E	Bowline 1 345kV Voltage	Marcy South S.	26.1	327.8	331.2	3782
3715 >E	Bowline 2 345kV Voltage	SBK Princetown 345	29.8	327.8	330.9	3468
3717 >E	Pleasant Valley 345kV Voltage	Marcy South N.	38.1	327.8	335.3	4226

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3718 >E	Bowline 2 345kV Voltage	Marcy South S.	26.0	327.8	331.3	3785
3719 >E	Millwood 345kV Voltage	SBK Marcy R3108	41.2	327.8	326.9	3491
3721 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	33.3	327.8	328.9	3665
3723 >E	Somerset 345kV Voltage	Ph2 DC 1500	33.8	327.8	343.3	3640
3727 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	51.7	327.8	328.7	3671
3734 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	38.4	327.8	326.9	3504
3734 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	52.6	327.8	328.7	3677
3737 >E	Ramapo 345kV Voltage	SBK Marcy R3108	34.7	327.8	326.9	3507
3742 >E	Ladentown 345kV Voltage	Volney-Marcy	33.6	327.8	328.3	3543
3751 >E	Somerset 345kV Voltage	Ravenswood 3	30.9	327.8	331.0	3794
3752 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	34.4	327.8	328.0	3712
3755 >E	Ladentown 345kV Voltage	SBK Edic R70	34.9	327.8	327.9	3806
3756 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	34.6	327.8	327.9	3743
3760 >E	Coopers Corners 345kV Voltage	Marcy South S.	19.8	327.8	265.5	3798
3769 >E	Somerset 345kV Voltage	Volney-Marcy	30.8	327.8	330.5	3565
3772 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	54.2	327.8	327.9	3733
3773 >E	Sprain Brook 345kV Voltage	Volney-Marcy	53.4	327.8	327.9	3568
3773 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	54.4	327.8	327.9	3761
3774 >E	Sprain Brook 345kV Voltage	SBK Edic R70	55.0	327.8	327.9	3826
3776 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	33.3	327.8	328.9	3719
3780 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	55.2	327.8	327.9	3740
3781 >E	Dunwoodie 345kV Voltage	Volney-Marcy	54.4	327.8	327.9	3575
3781 >E	Dunwoodie 345kV Voltage	SBK Edic R70	55.9	327.8	327.9	3834
3781 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	55.4	327.8	327.9	3768
3784 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	33.3	327.8	328.9	3727
3789 >E	Ladentown 345kV Voltage	SBK Marcy R3108	35.0	327.8	326.9	3552
3798 >E	Bowline 1 345kV Voltage	Volney-Marcy	33.5	327.8	328.3	3588
3806 >E	Bowline 2 345kV Voltage	Volney-Marcy	33.5	327.8	328.3	3595
3808 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	34.4	327.8	328.0	3769
3812 >E	Bowline 1 345kV Voltage	SBK Edic R70	34.8	327.8	327.9	3866
3812 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	34.5	327.8	327.9	3800
3816 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	34.3	327.8	328.0	3777
3820 >E	Bowline 2 345kV Voltage	SBK Edic R70	34.8	327.8	327.9	3874
3821 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	34.5	327.8	327.9	3808
3827 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	56.0	327.8	326.9	3584
3835 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	57.1	327.8	326.9	3592

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3844 >E	Somerset 345kV Voltage	SBK Princetown 345	33.7	327.8	328.3	3595
3846 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	34.9	327.8	326.9	3601
3854 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	34.9	327.8	326.9	3608
3862 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	34.3	327.8	327.8	3849
3863 >E	Somerset 345kV Voltage	361-362 D1b Ckt Twr 345	34.4	327.8	327.7	3824
3864 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	34.4	327.8	327.7	3806
3872 >E	Somerset 345kV Voltage	SBK Edic R70	34.8	327.8	327.5	3927
3918 >E	Ramapo 500kV Voltage	Marcy South N.	128.3	500	503.9	4341
3929 >E	Somerset 345kV Voltage	SBK Marcy R3108	37.8	327.8	325.8	3672
3956 >E	Watercure 230kV Voltage	Marcy South N.	60.4	207	232.7	4363
4047 >E	Somerset 345kV Voltage	Marcy South S.	42.3	327.8	332.9	3889
4063 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	48.0	207	241.3	2457
4114 >E	Dunwoodie 345kV Voltage	Marcy South N.	70.5	327.8	328.5	4454
4124 >E	Sprain Brook 345kV Voltage	Marcy South N.	70.6	327.8	328.4	4460
4133 >E	Millwood 345kV Voltage	Marcy South N.	61.9	327.8	328.8	4465
4140 >E	Watercure 230kV Voltage	SBK Edic R945	51.5	207	241.9	2765
4140 >E	Rock Tavern 345kV Voltage	Marcy South N.	44.8	327.8	319.2	4469
4140 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	51.5	207	241.9	2765
4189 >E	Roseton 345kV Voltage	Marcy South N.	49.2	327.8	330.7	4497
4246 >E	Buchanan North 345kV Voltage	Marcy South N.	66.9	327.8	325.4	4530
4312 >E	Buchanan South 345kV Voltage	Marcy South N.	64.3	327.8	327.0	4568
4334 >E	Somerset 345kV Voltage	Marcy South N.	63.4	327.8	338.5	4580
4436 >E	Niagara 230kV East Voltage	Pre-Fault	172.6	NA	225	4436
4436 >E	Niagara 230kV West Voltage	Pre-Fault	172.6	NA	225	4436
4450 >E	Niagara 345kV Voltage	Pre-Fault	70.8	NA	338	4450
4589 >E	Niagara 230kV East Voltage	Ph2 DC 1500	116.8	218.5	228.2	4043
4589 >E	Niagara 230kV West Voltage	Ph2 DC 1500	116.8	218.5	228.2	4043
4603 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	53.2	327.8	338.9	3001
4603 >E	Niagara 345kV Voltage	SBK Edic R945	53.2	327.8	338.9	3001
4608 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	53.4	327.8	338.9	2627
4613 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	61.4	327.8	333.1	2629
4614 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	62.7	327.8	332.9	2629
4616 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	61.7	327.8	333.0	3008
4616 >E	Rainey 345kV Voltage	SBK Edic R945	61.7	327.8	333.0	3008
4619 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	63.0	327.8	332.8	3009
4619 >E	Farragut 345kV Voltage	SBK Edic R945	63.0	327.8	332.8	3009
4635 >E	Ramapo 345kV Voltage	Marcy South N.	69.0	327.8	322.3	4754
4665 >E	Niagara 345kV Voltage	Ph2 DC 1500	58.9	327.8	346.3	4078
4770 >E	Ladentown 345kV Voltage	Marcy South N.	71.7	327.8	321.7	4832
4798 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	124.2	218.5	225.5	2687

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4798 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	124.2	218.5	225.5	2687
4801 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	124.4	218.5	225.5	3102
4801 >E	Niagara 230kV East Voltage	SBK Edic R945	124.4	218.5	225.5	3102
4801 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	124.4	218.5	225.5	3102
4801 >E	Niagara 230kV West Voltage	SBK Edic R945	124.4	218.5	225.5	3102
4808 >E	Niagara 345kV Voltage	Ravenswood 3	60.0	327.8	333.0	4765
4856 >E	Niagara 345kV Voltage	Volney-Marcy	60.5	327.8	332.3	4448
4911 >E	Niagara 230kV East Voltage	Ravenswood 3	131.3	218.5	222.2	4859
4911 >E	Niagara 230kV West Voltage	Ravenswood 3	131.3	218.5	222.2	4859
4952 >E	Bowline 1 345kV Voltage	Marcy South N.	74.1	327.8	320.3	4936
4972 >E	Niagara 230kV East Voltage	Volney-Marcy	132.7	218.5	221.9	4542
4972 >E	Niagara 230kV West Voltage	Volney-Marcy	132.7	218.5	221.9	4542
4997 >E	Rainey 345kV Voltage	Marcy South S.	76.5	327.8	337.9	4190
5043 >E	Farragut 345kV Voltage	Marcy South S.	79.8	327.8	337.8	4205
5094 >E	Niagara 345kV Voltage	SBK Princetown 345	68.3	327.8	328.9	4829
5112 >E	Bowline 2 345kV Voltage	Marcy South N.	78.8	327.8	318.1	5028
5129 >E	Niagara 345kV Voltage	SBK Edic R70	69.5	327.8	328.4	5222
5173 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	85.2	327.8	332.6	2804
5176 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	70.9	327.8	327.8	5162
5180 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	71.1	327.8	327.7	5144
5183 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	71.2	327.8	327.7	5101
5198 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	86.3	327.8	332.3	3304
5199 >E	Goethals 345kV Voltage	SBK Edic R945	86.3	327.8	332.3	3304
5356 >E	Niagara 230kV East Voltage	SBK Princetown 345	159.1	218.5	219.7	5088
5356 >E	Niagara 230kV West Voltage	SBK Princetown 345	159.1	218.5	219.7	5088
5359 >E	Niagara 230kV East Voltage	SBK Edic R70	159.4	218.5	219.6	5458
5359 >E	Niagara 230kV West Voltage	SBK Edic R70	159.4	218.5	219.6	5458
5381 >E	Niagara 345kV Voltage	SBK Marcy R3108	77.9	327.8	324.9	4927
5560 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	172.8	218.5	218.5	5546
5560 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	172.8	218.5	218.5	5546
5562 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	172.9	218.5	218.5	5527
5562 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	172.9	218.5	218.5	5527
5565 >E	Watercure 230kV Voltage	Marcy South S.	95.5	207	191.9	4370
5569 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	173.4	218.5	218.4	5480
5569 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	173.4	218.5	218.4	5480
5581 >E	Rainey 345kV Voltage	Ph2 DC 1500	100.6	327.8	351.9	4505
5605 >E	Farragut 345kV Voltage	Ph2 DC 1500	103.5	327.8	351.4	4515
5726 >E	Goethals 345kV Voltage	Marcy South S.	107.3	327.8	337.8	4422

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5749 >E	Niagara 230kV East Voltage	SBK Marcy R3108	186.0	218.5	217.4	5244
5749 >E	Niagara 230kV West Voltage	SBK Marcy R3108	186.0	218.5	217.4	5244
5817 >E	Gardenville 230kV Voltage	Ph2 DC 1500	105.7	207	226.5	4614
5926 >E	Rainey 345kV Voltage	Ravenswood 3	153.6	327.8	343.8	5792
6103 >E	Farragut 345kV Voltage	Ravenswood 3	161.5	327.8	343.5	5954
6269 >E	Niagara 345kV Voltage	Marcy South S.	107.3	327.8	334.4	4594
6409 >E	Goethals 345kV Voltage	Ph2 DC 1500	136.1	327.8	351.6	4890
7275 >E	Niagara 345kV Voltage	Marcy South N.	152.9	327.8	340.6	6272
7674 >E	Rainey 345kV Voltage	Pre-Fault	302.1	NA	338	7674
7797 >E	Gardenville 230kV Voltage	Pre-Fault	269.5	NA	217	7797
7897 >E	Farragut 345kV Voltage	Pre-Fault	327.0	NA	338	7897
7990 >E	Gardenville 230kV Voltage	Ravenswood 3	180.8	207	216.3	7688
8053 >E	Goethals 345kV Voltage	Ravenswood 3	243.9	327.8	348.2	7746
8256 >E	Niagara 230kV East Voltage	Marcy South S.	358.9	218.5	222.9	5224
8256 >E	Niagara 230kV West Voltage	Marcy South S.	358.9	218.5	222.9	5224
8282 >E	Gardenville 230kV Voltage	Volney-Marcy	190.7	207	215.2	7228
8979 >E	Rainey 345kV Voltage	Marcy South N.	227.1	327.8	329.6	7252
9077 >E	Farragut 345kV Voltage	Marcy South N.	235.4	327.8	329.6	7309
9132 >E	Rainey 345kV Voltage	SBK Princetown 345	237.6	327.8	333.2	8815
9432 >E	Farragut 345kV Voltage	SBK Princetown 345	254.1	327.8	333.3	9111
9549 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	244.7	207	240.8	4169
9629 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	518.9	131.1	133.6	5560
9629 >E	Northport 138kV Voltage	SBK Edic R945	518.9	131.1	133.6	5559
9670 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	521.8	131.1	133.5	4207
9782 >E	Gardenville 230kV Voltage	SBK Edic R945	253.8	207	241.0	5637
9785 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	253.9	207	241.0	5639
9930 >E	Gardenville 230kV Voltage	SBK Princetown 345	250.6	207	209.1	9603
9980 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	272.3	327.8	330.4	9813
10044 >E	Northport 138kV Voltage	Marcy South S.	552.6	131.1	135.3	5792
10084 >E	Niagara 230kV East Voltage	Marcy South N.	492.7	218.5	228.2	7888
10084 >E	Niagara 230kV West Voltage	Marcy South N.	492.7	218.5	228.2	7888
10205 >E	Gardenville 230kV Voltage	SBK Edic R70	259.2	207	208.1	10447
10299 >E	Rainey 345kV Voltage	Volney-Marcy	283.3	327.8	329.3	8865
10373 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	293.3	327.8	330.4	10200
10501 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	269.9	207	207.0	10483

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
10540	Gardenville 230kV Voltage	N.Scot-Leeds 345	271.5	207	206.8	10364
>E						
10541	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	271.5	207	206.8	10520
>E						
10608	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	296.2	327.8	328.3	10588
>E						
10705	Rainey 345kV Voltage	Princetown-N.Scot 345	300.1	327.8	328.0	10687
>E						
10708	Farragut 345kV Voltage	Volney-Marcy	305.1	327.8	329.4	9197
>E						
10810	Rainey 345kV Voltage	SBK Marcy R3108	302.1	327.8	327.6	9615
>E						
10848	Rainey 345kV Voltage	SBK Edic R70	306.1	327.8	327.5	11109
>E						
11063	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	320.1	327.8	328.3	11044
>E						
11146	Farragut 345kV Voltage	Princetown-N.Scot 345	323.5	327.8	328.1	11127
>E						
11190	Goethals 345kV Voltage	Marcy South N.	320.4	327.8	329.9	8524
>E						
11231	Farragut 345kV Voltage	SBK Marcy R3108	324.7	327.8	327.8	9978
>E						
11310	Farragut 345kV Voltage	SBK Edic R70	330.5	327.8	327.6	11585
>E						
11558	Gardenville 230kV Voltage	SBK Marcy R3108	310.8	207	203.0	10261
>E						
12148	Northport 138kV Voltage	Ph2 DC 1500	720.5	131.1	144.5	7562
>E						
13451	Northport 138kV Voltage	Pre-Fault	1184.8	NA	135	13451
>E						
15940	Northport 138kV Voltage	Ravenswood 3	1042.6	131.1	132.9	14993
>E						
16832	Northport 138kV Voltage	SBK Princetown 345	1086.1	131.1	132.1	16416
>E						
17591	Northport 138kV Voltage	N.Scot-Leeds 345	1147.6	131.1	131.5	17290
>E						
17891	Northport 138kV Voltage	Volney-Marcy	1169.6	131.1	131.3	15028
>E						
18073	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	1184.8	131.1	131.1	18074
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

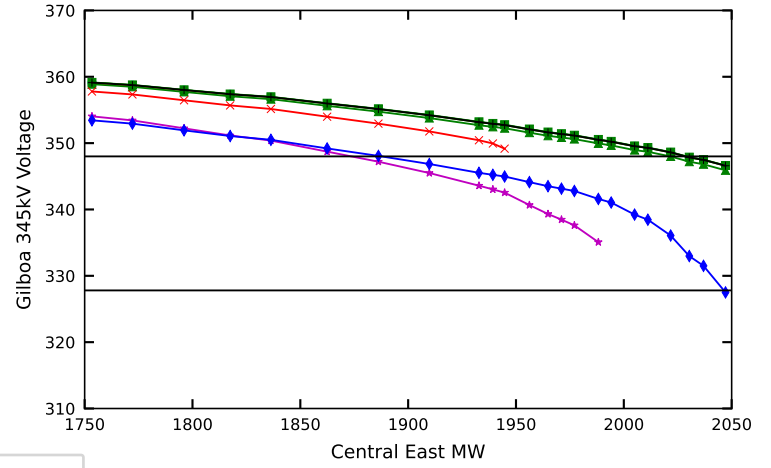
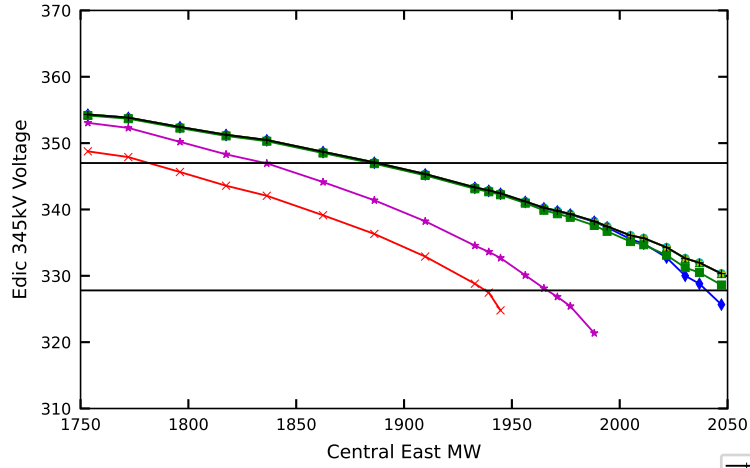
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\3S\Sum2023_CEVC_PH2_50_3S.xlsx

1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 3S

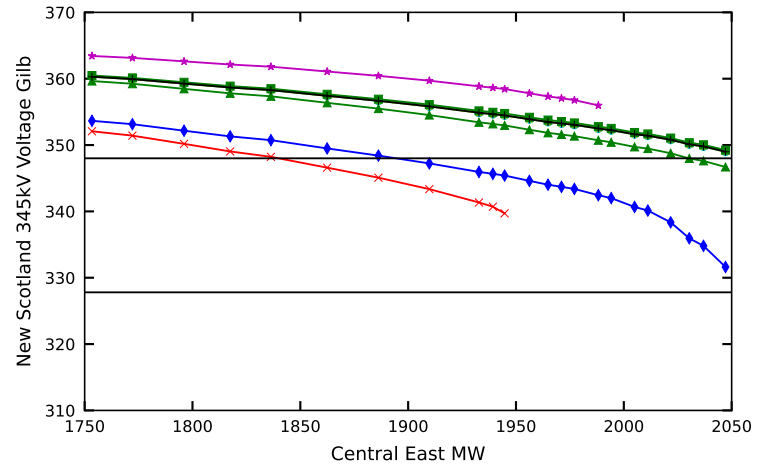
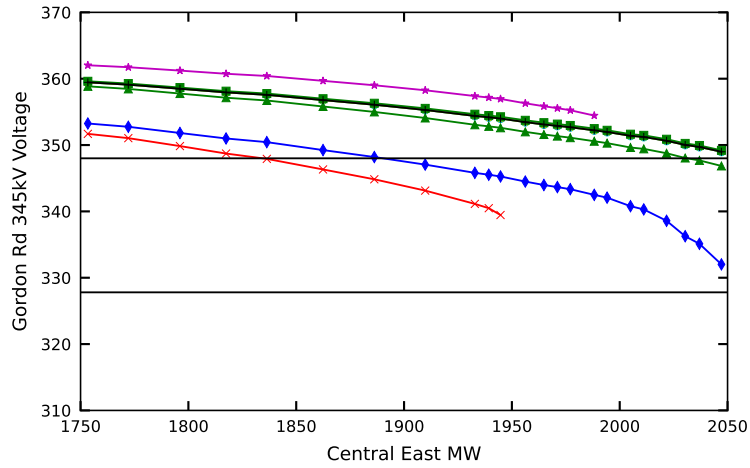
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
18165 >E	Northport 138kV Voltage	SBK Edic R70	1192.6	131.1	131.0	18642
18170 >E	Northport 138kV Voltage	Princetown-N.Scot 345	1192.6	131.1	131.0	18146
18398 >E	Northport 138kV Voltage	SBK Marcy R3108	1208.4	131.1	130.8	16167
18478 >E	Goethals 345kV Voltage	SBK Princetown 345	616.4	327.8	338.6	18040
19081 >E	Goethals 345kV Voltage	Pre-Fault	1086.1	NA	338	19081
23717 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	829.4	327.8	333.7	23308
24995 >E	Goethals 345kV Voltage	Volney-Marcy	877.2	327.8	332.6	20794
25371 >E	Northport 138kV Voltage	Marcy South N.	1762.3	131.1	131.6	16682
27401 >E	Goethals 345kV Voltage	SBK Marcy R3108	970.5	327.8	330.3	23942
28360 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	1013.7	327.8	329.5	28389
29226 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	1048.6	327.8	328.7	29192
31134 >E	Goethals 345kV Voltage	SBK Edic R70	1126.3	327.8	326.9	31995
99998 >E	Gardenville 230kV Voltage	Marcy South N.	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

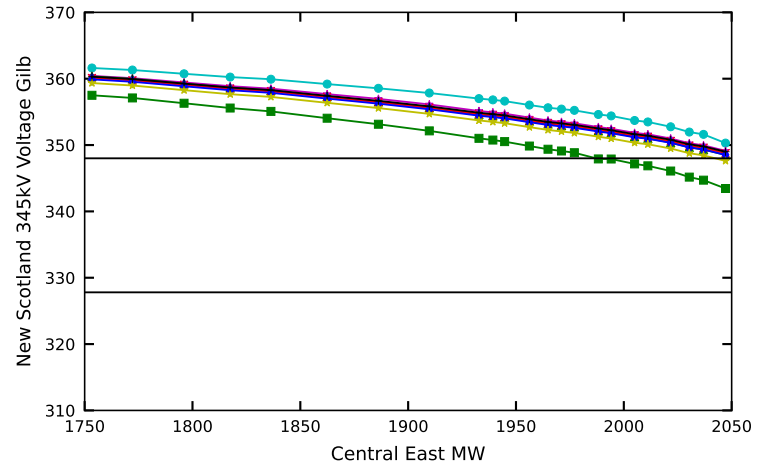
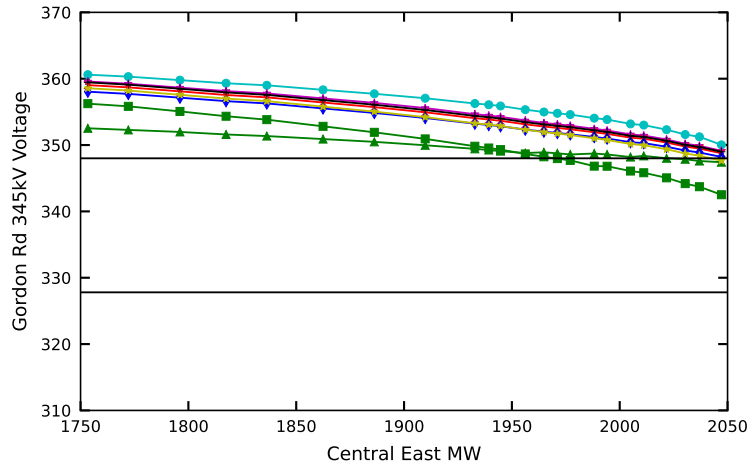
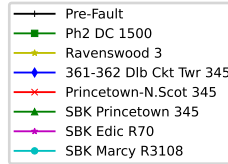
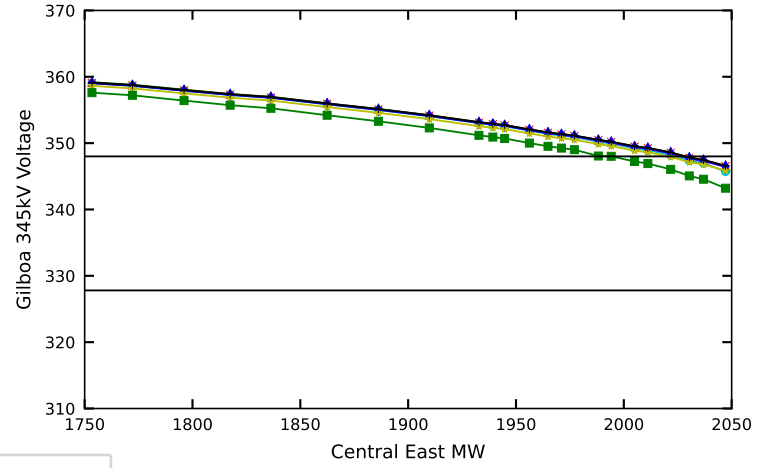
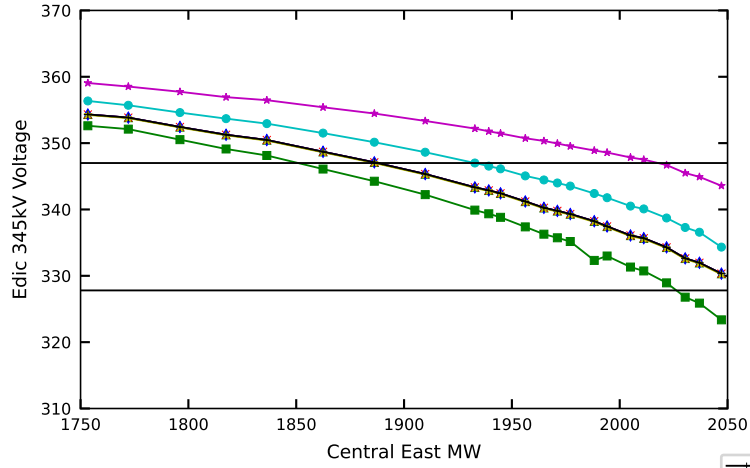
1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS Figure 1



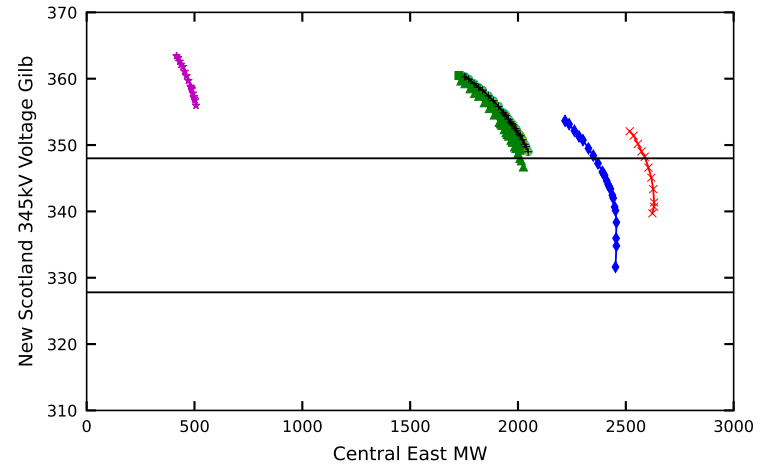
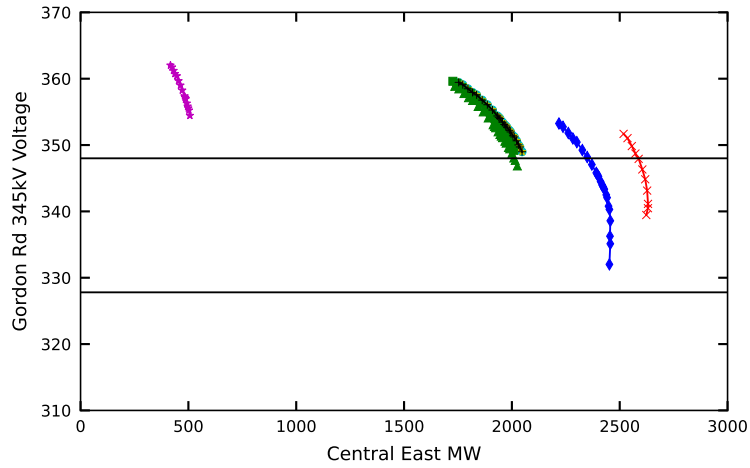
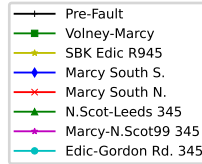
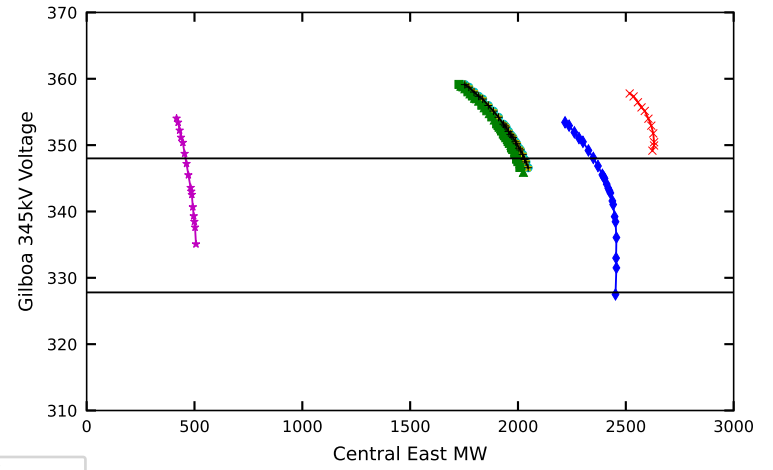
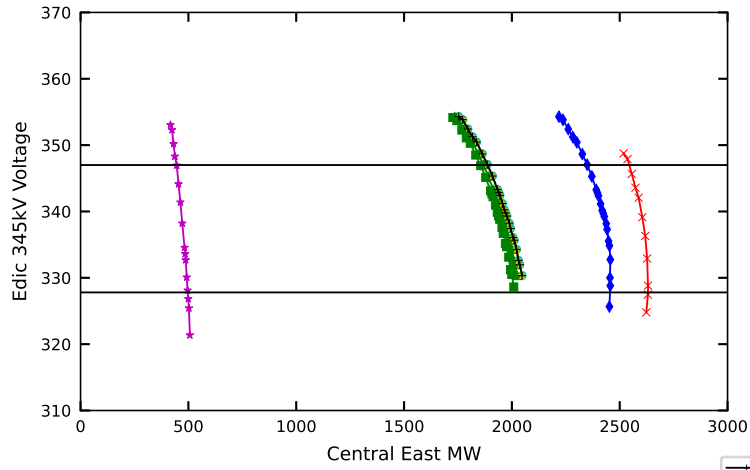
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



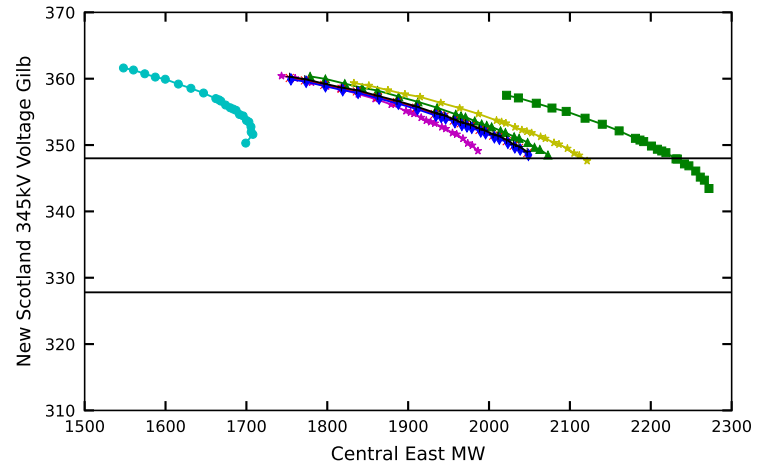
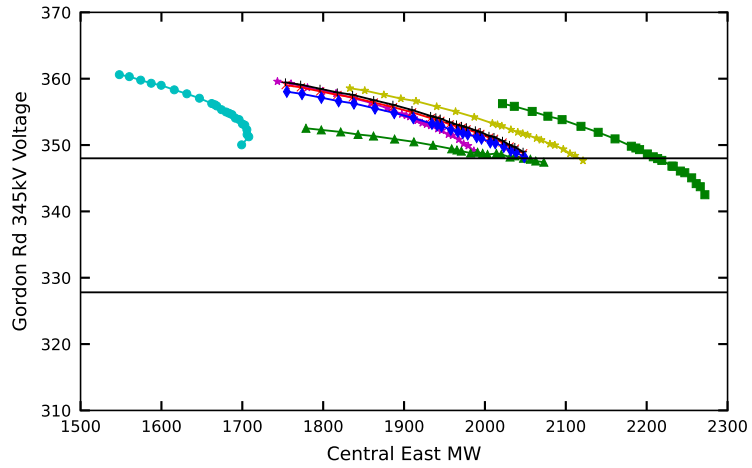
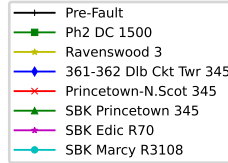
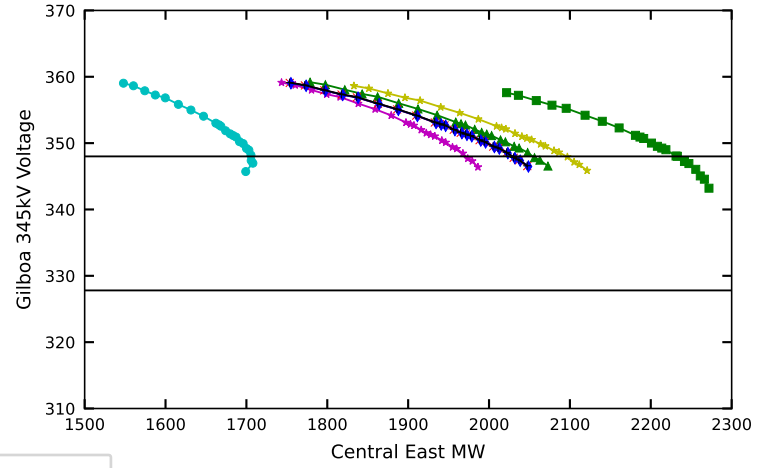
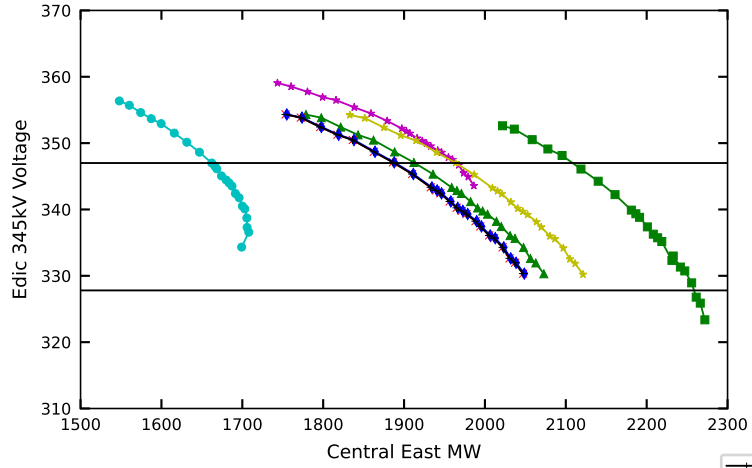
1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS Figure 2



1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS Figure 1



1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS

Interface: Central East

Transfer	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
	MW	e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
1753	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1772	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1796	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1817	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1836	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1862	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1886	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1909	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1932	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1939	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
1944	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
1956	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
1964	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
1971	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
1977	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
1988	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
1994	t1	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2004	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2011	t1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2021	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2030	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2036	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2047	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	3															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-08-2023 16:17

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1750 MS2270 DE1420 5O 14_OS

Interface: Central East

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1710 <E	Dunwoodie 345kV Voltage	Pre-Fault	67.3	NA	348	1710
1716 <E	Sprain Brook 345kV Voltage	Pre-Fault	67.1	NA	348	1716
1836	limit with 5% margin	Marcy South N.	NA	NA	NA	2499
1860	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	7.2	327.8	347.5	453
1865	Marcy 345kV Voltage	Pre-Fault	14.6	NA	348	1865
1879	Oakdale 345kV Voltage	Marcy South N.	6.3	320	350.1	2614
1887	Edic 345kV Voltage	Pre-Fault	13.4	NA	347	1887
1888	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.4	327.8	348.8	463
1888	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	481
1920	limit with 5% margin	Marcy South S.	NA	NA	NA	2333
1931	Marcy 345kV Voltage	Marcy South N.	5.5	327.8	342.9	2630
1934	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.9	320	345.0	482
1935	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1622
1938 >E	Edic 345kV Voltage	Marcy South N.	5.6	327.8	342.8	2632
1941	Millwood 345kV Voltage	Pre-Fault	102.4	NA	348	1941
1944	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1944
1944	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	1923
1944	limit with 5% margin	SBK Edic R945	NA	NA	NA	1944
1944	limit with 5% margin	Volney-Marcy	NA	NA	NA	1908
1944	limit with 5% margin	SBK Edic R70	NA	NA	NA	1886
1944	limit with 5% margin	SBK Princetown 345	NA	NA	NA	1969
1944	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	1944
1944	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	1946
1944	limit with 5% margin	Ravenswood 3	NA	NA	NA	2015
1944	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2158
1966	Edic 345kV Voltage	Marcy-N.Scot99 345	4.9	327.8	340.1	497
1968	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.9	327.8	339.3	498
1968	Ramapo 500kV Voltage	Marcy-N.Scot99 345	19.2	500	507.7	498
1976	Buchanan North 345kV Voltage	Pre-Fault	84.3	NA	346	1976
1994	Coopers Corners 345kV Voltage	Pre-Fault	9.3	NA	338	1994
1998	Fraser 345kV Voltage	Pre-Fault	7.5	NA	338	1998
2004 >E	Clay 345kV Voltage	Marcy South N.	8.0	327.8	348.0	2643
2004	Rock Tavern 345kV Voltage	Pre-Fault	16.6	NA	348	2004
2012	Marcy 345kV Voltage	SBK Marcy R3108	2.9	327.8	334.7	1703
2019	Oakdale 345kV Voltage	Pre-Fault	10.2	NA	335	2019
2020 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	348.7	519
2022 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.5	327.8	347.0	520
2023	Marcy 345kV Voltage	Ph2 DC 1500	3.9	327.8	333.2	2256
2026	Edic 345kV Voltage	Ph2 DC 1500	4.0	327.8	333.4	2258
2027	Station 80 345kV Voltage	Pre-Fault	17.9	NA	346	2027

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2028	Marcy 345kV Voltage	SBK Edic R70	3.8	327.8	332.2	1972
2028	Gilboa 345kV Voltage	Pre-Fault	11.3	NA	348	2028
2028	Pannell Road 345kV Voltage	Pre-Fault	15.1	NA	346	2028
2029 >E	Pannell Road 345kV Voltage	Marcy South N.	9.3	327.8	344.3	2647
2036 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	6.6	327.8	346.6	525
2038 >E	Fraser 345kV Voltage	Marcy South S.	3.7	327.8	332.9	2462
2040	Clay 345kV Voltage	Pre-Fault	10.8	NA	345	2040
2042 >E	Marcy 345kV Voltage	Marcy South S.	5.0	327.8	330.7	2464
2045	Coopers Corners 345kV Voltage	Ph2 DC 1500	4.7	327.8	332.1	2270
2045	Coopers Corners 345kV Voltage	Ravenswood 3	6.3	327.8	332.0	2120
2045 >E	Station 80 345kV Voltage	Marcy South N.	9.6	327.8	342.6	2650
2046 >E	Edic 345kV Voltage	Marcy South S.	5.0	327.8	331.0	2466
2047 >E	Marcy 345kV Voltage	Volney-Marcy	5.4	327.8	329.4	2009
2050 >E	Fraser 345kV Voltage	Ph2 DC 1500	3.8	327.8	330.3	2273
2050 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	5.6	207	231.7	531
2051 >E	Edic 345kV Voltage	Volney-Marcy	5.5	327.8	329.6	2012
2057 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	6.1	327.8	327.8	2057
2057 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	327.8	2035
2057 >E	Marcy 345kV Voltage	SBK Edic R945	6.1	327.8	327.8	2057
2057 >E	Marcy 345kV Voltage	SBK Princetown 345	6.1	327.8	327.8	2083
2057 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	327.8	2057
2057 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	327.8	2059
2057 >E	Marcy 345kV Voltage	Ravenswood 3	6.1	327.8	327.8	2131
2058 >E	Gilboa 345kV Voltage	Marcy South S.	4.4	327.8	346.2	2470
2059 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.5	320	327.1	2278
2059 >E	New Scotland 345kV Voltage Alps	Pre-Fault	12.8	NA	348	2059
2059 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	12.8	NA	348	2059
2061 >E	Gordon Rd 345kV Voltage	Pre-Fault	14.1	NA	348	2061
2061 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	345.5	535
2062 >E	Edic 345kV Voltage	Ravenswood 3	6.2	327.8	327.9	2135
2062 >E	Edic 345kV Voltage	SBK Princetown 345	6.2	327.8	327.8	2088
2062 >E	Edic 345kV Voltage	N.Scot-Leeds 345	6.2	327.8	327.8	2040
2062 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	6.2	327.8	327.8	2064
2062 >E	Edic 345kV Voltage	Princetown-N.Scot 345	6.2	327.8	327.8	2063
2062 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	6.2	327.8	327.8	2062
2062 >E	Edic 345kV Voltage	SBK Edic R945	6.2	327.8	327.8	2062
2063 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	327.8	2063
2063 >E	Fraser 345kV Voltage	SBK Princetown 345	5.5	327.8	327.8	2089
2063 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	327.8	2064

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2063 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	5.5	327.8	327.8	2065
2063 >E	Fraser 345kV Voltage	Ravenswood 3	5.5	327.8	327.8	2137
2063 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	327.8	2041
2063 >E	Fraser 345kV Voltage	SBK Edic R945	5.5	327.8	327.8	2063
2063 >E	Fraser 345kV Voltage	Volney-Marcy	5.5	327.8	327.8	2024
2063 >E	Fraser 345kV Voltage	SBK Edic R70	5.5	327.8	327.8	1997
2067 >E	Ramapo 500kV Voltage	Ph2 DC 1500	25.8	500	506.1	2283
2071 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	6.6	327.8	328.2	2048
2072 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.5	320	325.9	1719
2073 >E	Coopers Corners 345kV Voltage	SBK Edic R70	6.4	327.8	327.9	2004
2073 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	6.6	327.8	327.9	2098
2073 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	6.7	327.8	327.8	2075
2073 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	6.7	327.8	327.8	2073
2073 >E	Coopers Corners 345kV Voltage	SBK Edic R945	6.7	327.8	327.8	2073
2073 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	327.8	2073
2074 >E	Buchanan South 345kV Voltage	Pre-Fault	25.9	NA	346	2074
2075 >E	Fraser 345kV Voltage	SBK Marcy R3108	7.8	327.8	327.8	1720
2077 >E	Coopers Corners 345kV Voltage	Volney-Marcy	6.6	327.8	327.3	2036
2079 >E	Watercure 230kV Voltage	Marcy South N.	14.7	207	232.5	2656
2082 >E	Oakdale 345kV Voltage	Volney-Marcy	4.6	320	322.2	2041
2084 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.9	327.8	347.2	2481
2084 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.9	327.8	347.2	2481
2085 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	8.4	327.8	345.0	545
2085 >E	Oakdale 345kV Voltage	Ravenswood 3	4.7	320	321.5	2158
2086 >E	Gordon Rd 345kV Voltage	Marcy South N.	11.5	327.8	348.4	2657
2088 >E	New Scotland 345kV Voltage Alps	Marcy South N.	11.5	327.8	348.4	2657
2088 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	11.5	327.8	348.4	2657
2088 >E	Gordon Rd 345kV Voltage	Marcy South S.	6.2	327.8	347.0	2482
2088 >E	Oakdale 345kV Voltage	Marcy South S.	5.6	320	328.2	2482
2092 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	4.8	320	320.1	2068
2092 >E	Oakdale 345kV Voltage	SBK Princetown 345	4.8	320	320.1	2117
2092 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	4.8	320	320.0	2094
2092 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	4.8	320	320.0	2092
2092 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	4.8	320	320.0	2092
2092 >E	Oakdale 345kV Voltage	SBK Edic R945	4.8	320	320.0	2092
2096 >E	Pleasant Valley 345kV Voltage	Pre-Fault	25.1	NA	348	2096
2097 >E	Ramapo 345kV Voltage	Pre-Fault	22.9	NA	346	2097
2098 >E	Oakdale 345kV Voltage	SBK Edic R70	4.8	320	318.8	2021

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2100 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	11.8	218.5	228.5	551
2100 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	13.8	218.5	227.3	1728
2112 >E	Ramapo 500kV Voltage	Ravenswood 3	48.3	500	505.3	2183
2114 >E	Fraser 345kV Voltage	Marcy South N.	10.7	327.8	327.8	2662
2117 >E	Edic 345kV Voltage	SBK Marcy R3108	9.2	327.8	323.9	1733
2124 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	10.3	327.8	324.0	1735
2136 >E	Clay 345kV Voltage	Ph2 DC 1500	7.0	327.8	336.1	2321
2137 >E	Ladentown 345kV Voltage	Pre-Fault	23.8	NA	346	2137
2143 >E	St.Lawrence 230kV Voltage	Pre-Fault	31.5	NA	225	2143
2162 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	14.3	327.8	341.6	575
2163 >E	Gilboa 345kV Voltage	Ph2 DC 1500	7.5	327.8	336.6	2336
2163 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	11.8	327.8	345.5	575
2167 >E	Edic 345kV Voltage	SBK Edic R70	7.6	327.8	311.1	2068
2171 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.4	327.8	340.2	2341
2173 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	8.1	327.8	339.1	2342
2173 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	8.1	327.8	339.1	2342
2179 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	17.2	218.5	223.9	2345
2183 >E	Somerset 345kV Voltage	Marcy South N.	12.4	327.8	341.6	2674
2188 >E	Clay 345kV Voltage	Marcy South S.	9.7	327.8	335.6	2521
2189 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	10.0	327.8	334.7	2351
2191 >E	Leeds 345kV Voltage	Marcy South S.	7.6	327.8	350.8	2523
2198 >E	Roseton 345kV Voltage	Pre-Fault	23.8	NA	345	2198
2200 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	9.7	327.8	334.3	2357
2200 >E	Bowline 1 345kV Voltage	Pre-Fault	23.9	NA	345	2200
2201 >E	Clay 345kV Voltage	Volney-Marcy	10.0	327.8	330.0	2150
2207 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	12.8	327.8	346.0	593
2210 >E	Bowline 2 345kV Voltage	Pre-Fault	23.7	NA	345	2210
2213 >E	St.Lawrence 230kV Voltage	Marcy South N.	24.5	218.5	224.1	2679
2215 >E	Rock Tavern 345kV Voltage	Ravenswood 3	12.5	327.8	333.2	2282
2220 >E	Clay 345kV Voltage	Ravenswood 3	10.6	327.8	328.3	2286
2224 >E	Clay 345kV Voltage	N.Scot-Leeds 345	10.7	327.8	327.9	2197
2224 >E	Clay 345kV Voltage	SBK Princetown 345	10.7	327.8	327.8	2246
2224 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	10.8	327.8	327.8	2225
2225 >E	Clay 345kV Voltage	Princetown-N.Scot 345	10.8	327.8	327.8	2225
2225 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	10.8	327.8	327.8	2225
2225 >E	Clay 345kV Voltage	SBK Edic R945	10.8	327.8	327.8	2225
2225 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	12.7	327.8	347.1	600
2227 >E	St.Lawrence 230kV Voltage	SBK Edic R70	21.3	218.5	222.3	2110
2232 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	12.7	327.8	347.4	602
2234 >E	Station 80 345kV Voltage	Ph2 DC 1500	13.0	327.8	335.0	2376

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1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2249 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	11.2	327.8	329.1	2221
2253 >E	Gilboa 345kV Voltage	Ravenswood 3	11.4	327.8	328.8	2318
2257 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	11.1	327.8	332.5	2228
2257 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	11.1	327.8	332.5	2228
2257 >E	Gilboa 345kV Voltage	SBK Edic R70	11.3	327.8	328.5	2130
2259 >E	Ramapo 500kV Voltage	Marcy South N.	47.6	500	501.8	2687
2259 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	16.2	327.8	342.2	613
2262 >E	Gilboa 345kV Voltage	SBK Princetown 345	11.5	327.8	328.0	2283
2263 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	11.6	327.8	327.9	2264
2264 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	11.6	327.8	327.9	2264
2264 >E	Pannell Road 345kV Voltage	Volney-Marcy	13.2	327.8	329.3	2208
2264 >E	Gilboa 345kV Voltage	Volney-Marcy	11.6	327.8	327.8	2208
2265 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	11.6	327.8	327.8	2265
2265 >E	Gilboa 345kV Voltage	SBK Edic R945	11.6	327.8	327.8	2265
2268 >E	St.Lawrence 230kV Voltage	Marcy South S.	22.3	218.5	220.7	2553
2270 >E	Pannell Road 345kV Voltage	Marcy South S.	14.5	327.8	335.1	2554
2273 >E	Buchanan North 345kV Voltage	Ravenswood 3	21.8	327.8	335.2	2337
2274 >E	Dunwoodie 345kV Voltage	Ravenswood 3	26.2	327.8	336.1	2338
2274 >E	Sprain Brook 345kV Voltage	Ravenswood 3	26.0	327.8	336.1	2338
2275 >E	Pannell Road 345kV Voltage	Ravenswood 3	13.7	327.8	328.5	2339
2275 >E	Leeds 345kV Voltage	Pre-Fault	22.0	NA	345	2275
2278 >E	Clay 345kV Voltage	SBK Marcy R3108	13.6	327.8	329.3	1785
2279 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	12.2	327.8	332.6	2250
2279 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	14.4	327.8	349.3	621
2282 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	13.4	327.8	328.3	2253
2284 >E	Rock Tavern 345kV Voltage	SBK Edic R70	13.3	327.8	328.1	2149
2284 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	327.8	2255
2284 >E	Pannell Road 345kV Voltage	SBK Princetown 345	13.9	327.8	327.8	2305
2285 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	13.9	327.8	327.8	2285
2285 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	13.9	327.8	327.8	2285
2285 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	13.9	327.8	327.8	2285
2285 >E	Pannell Road 345kV Voltage	SBK Edic R945	13.9	327.8	327.8	2285
2286 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	13.5	327.8	328.0	2306
2288 >E	St.Lawrence 230kV Voltage	Volney-Marcy	26.8	218.5	220.4	2230
2288 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	13.6	327.8	327.9	2289
2288 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	13.6	327.8	327.8	2288
2289 >E	Clay 345kV Voltage	SBK Edic R70	11.6	327.8	321.8	2152
2289 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	13.6	327.8	327.8	2289

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1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2289 >E	Rock Tavern 345kV Voltage	SBK Edic R945	13.6	327.8	327.8	2289
2290 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	12.3	327.8	329.9	2354
2290 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	12.3	327.8	329.9	2354
2294 >E	Rock Tavern 345kV Voltage	Volney-Marcy	13.6	327.8	327.4	2235
2298 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	12.2	327.8	329.3	2319
2298 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	12.2	327.8	329.3	2319
2300 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	18.8	327.8	340.1	630
2301 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	17.5	327.8	334.1	2413
2309 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	12.3	327.8	328.4	2166
2309 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	12.3	327.8	328.4	2166
2309 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	12.7	327.8	328.4	2310
2309 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	12.7	327.8	328.4	2310
2314 >E	Gordon Rd 345kV Voltage	Ravenswood 3	13.5	327.8	330.1	2376
2314 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	15.3	327.8	344.5	635
2314 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	12.7	327.8	328.0	2314
2314 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	12.7	327.8	328.0	2314
2316 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	22.4	327.8	338.1	636
2316 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	12.6	327.8	327.9	2256
2316 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	12.6	327.8	327.9	2256
2317 >E	Station 80 345kV Voltage	Marcy South S.	17.0	327.8	334.7	2572
2317 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	12.8	327.8	327.8	2317
2317 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	12.8	327.8	327.8	2317
2317 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	12.8	327.8	327.8	2317
2317 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	12.8	327.8	327.8	2317
2318 >E	Millwood 345kV Voltage	Ravenswood 3	23.2	327.8	335.8	2380
2322 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	22.8	327.8	338.0	638
2323 >E	Gilboa 345kV Voltage	Marcy South N.	17.3	327.8	335.5	2698
2330 >E	Pannell Road 345kV Voltage	SBK Edic R70	14.6	327.8	324.6	2180
2331 >E	Niagara 345kV Voltage	Marcy South N.	14.7	327.8	339.2	2700
2335 >E	St.Lawrence 230kV Voltage	Ravenswood 3	31.2	218.5	218.9	2396
2337 >E	Ramapo 345kV Voltage	Ph2 DC 1500	15.8	327.8	335.5	2433
2337 >E	Gordon Rd 345kV Voltage	SBK Edic R70	13.6	327.8	328.4	2186
2342 >E	Buchanan South 345kV Voltage	Ravenswood 3	22.3	327.8	335.7	2403
2342 >E	Ramapo 500kV Voltage	SBK Marcy R3108	47.3	500	498.8	1806
2343 >E	Station 80 345kV Voltage	Volney-Marcy	17.6	327.8	329.2	2280
2344 >E	Gordon Rd 345kV Voltage	Volney-Marcy	13.9	327.8	327.9	2282
2346 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	14.1	327.8	327.8	2346
2346 >E	Gordon Rd 345kV Voltage	SBK Edic R945	14.1	327.8	327.8	2346
2346 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	31.4	218.5	218.6	2366

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Interface: Central East

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1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2348 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	31.5	218.5	218.5	2349
2348 >E	St.Lawrence 230kV Voltage	Princeton-N.Scot 345	31.5	218.5	218.5	2348
2348 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	31.5	218.5	218.5	2348
2348 >E	St.Lawrence 230kV Voltage	SBK Edic R945	31.5	218.5	218.5	2348
2349 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	31.6	218.5	218.5	2318
2351 >E	Gordon Rd 345kV Voltage	Princeton-N.Scot 345	14.5	327.8	327.5	2350
2351 >E	Pleasant Valley 345kV Voltage	Marcy South S.	16.7	327.8	342.1	2586
2352 >E	Station 80 345kV Voltage	Ravenswood 3	18.2	327.8	328.7	2412
2356 >E	Gilboa 345kV Voltage	SBK Marcy R3108	16.7	327.8	329.4	1810
2356 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	13.8	327.8	336.8	651
2359 >E	Ramapo 345kV Voltage	Ravenswood 3	20.2	327.8	334.6	2419
2360 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	15.4	327.8	326.8	2361
2368 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	18.6	327.8	327.8	2336
2368 >E	Station 80 345kV Voltage	SBK Princeton 345	18.6	327.8	327.8	2387
2369 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	18.6	327.8	327.8	2369
2369 >E	Station 80 345kV Voltage	Princeton-N.Scot 345	18.6	327.8	327.8	2368
2369 >E	Station 80 345kV Voltage	SBK Edic R945	18.6	327.8	327.8	2369
2369 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	18.6	327.8	327.8	2369
2373 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	18.0	327.8	334.5	2453
2375 >E	Ladentown 345kV Voltage	Ph2 DC 1500	16.3	327.8	336.0	2455
2378 >E	Millwood 345kV Voltage	Ph2 DC 1500	19.1	327.8	333.6	2456
2379 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	13.9	327.8	333.2	661
2379 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	13.9	327.8	333.2	661
2381 >E	Ramapo 500kV Voltage	SBK Edic R70	51.8	500	500.5	2215
2386 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	22.3	327.8	332.6	2460
2388 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	22.6	327.8	332.5	2462
2389 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	54.0	500	500.4	2357
2392 >E	Ladentown 345kV Voltage	Ravenswood 3	20.7	327.8	335.3	2451
2395 >E	Ramapo 500kV Voltage	Volney-Marcy	53.9	500	500.3	2328
2398 >E	Ramapo 500kV Voltage	SBK Princeton 345	55.1	500	500.2	2416
2402 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	16.4	327.8	336.6	2470
2403 >E	Watercure 230kV Voltage	Marcy South S.	15.6	207	218.0	2606
2407 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	55.6	500	500.0	2407
2407 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	16.2	327.8	336.6	2472
2408 >E	Ramapo 500kV Voltage	Princeton-N.Scot 345	55.7	500	500.0	2408
2409 >E	Ramapo 500kV Voltage	Pre-Fault	55.7	NA	500	2409
2409 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	55.7	500	500.0	2409

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 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2409 >E	Ramapo 500kV Voltage	SBK Edic R945	55.7	500	500.0	2409
2423 >E	Niagara 230kV East Voltage	Marcy South N.	36.1	218.5	227.1	2715
2423 >E	Niagara 230kV West Voltage	Marcy South N.	36.1	218.5	227.1	2715
2423 >E	Station 80 345kV Voltage	SBK Edic R70	19.6	327.8	324.9	2245
2424 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	17.4	327.8	334.9	2481
2426 >E	Bowline 1 345kV Voltage	Ravenswood 3	20.8	327.8	335.5	2484
2428 >E	Roseton 345kV Voltage	Ph2 DC 1500	16.8	327.8	335.3	2484
2432 >E	Bowline 2 345kV Voltage	Ravenswood 3	20.6	327.8	335.6	2489
2444 >E	Leeds 345kV Voltage	Ph2 DC 1500	14.6	327.8	337.3	2493
2444 >E	Ramapo 500kV Voltage	Marcy South S.	60.2	500	502.8	2623
2450 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	24.9	327.8	328.3	2415
2454 >E	Buchanan North 345kV Voltage	SBK Princetown 345	25.2	327.8	328.1	2471
2456 >E	Buchanan North 345kV Voltage	SBK Edic R70	25.0	327.8	328.0	2267
2460 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	25.4	327.8	327.9	2460
2461 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	25.4	327.8	327.8	2461
2462 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	25.4	327.8	327.8	2462
2462 >E	Buchanan North 345kV Voltage	SBK Edic R945	25.4	327.8	327.8	2462
2468 >E	Buchanan North 345kV Voltage	Volney-Marcy	25.5	327.8	327.6	2395
2473 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	24.8	327.8	331.3	1848
2486 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	23.2	327.8	332.4	2541
2487 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	18.9	327.8	328.0	1852
2487 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	18.9	327.8	328.0	1852
2490 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	19.3	327.8	328.4	1853
2494 >E	Roseton 345kV Voltage	Ravenswood 3	21.9	327.8	332.6	2549
2500 >E	Coopers Corners 345kV Voltage	Marcy South N.	20.1	327.8	299.7	2729
2503 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	22.5	327.8	328.3	2467
2507 >E	Ramapo 345kV Voltage	SBK Edic R70	22.5	327.8	328.1	2302
2508 >E	Ramapo 345kV Voltage	SBK Princetown 345	22.8	327.8	328.1	2524
2513 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	22.9	327.8	327.9	2513
2514 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	22.9	327.8	327.8	2514
2515 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	22.9	327.8	327.8	2515
2515 >E	Ramapo 345kV Voltage	SBK Edic R945	22.9	327.8	327.8	2515
2519 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	26.6	327.8	328.4	2482
2520 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	30.8	327.8	328.3	2484
2521 >E	Ramapo 345kV Voltage	Volney-Marcy	23.0	327.8	327.5	2444
2522 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	31.1	327.8	328.3	2485
2524 >E	Millwood 345kV Voltage	SBK Princetown 345	26.9	327.8	328.2	2540
2525 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	31.2	327.8	328.1	2541
2526 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	31.5	327.8	328.1	2542

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2532 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	25.4	327.8	328.4	2495
2532 >E	Millwood 345kV Voltage	SBK Edic R70	27.0	327.8	327.9	2320
2532 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	27.1	327.8	327.9	2532
2533 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	31.5	327.8	327.9	2533
2534 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	27.2	327.8	327.8	2534
2534 >E	Sprain Brook 345kV Voltage	SBK Edic R70	31.4	327.8	327.8	2321
2535 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	27.2	327.8	327.8	2535
2535 >E	Millwood 345kV Voltage	SBK Edic R945	27.2	327.8	327.8	2535
2535 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	31.5	327.8	327.8	2535
2535 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	31.8	327.8	327.9	2535
2536 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	31.6	327.8	327.8	2536
2536 >E	Sprain Brook 345kV Voltage	SBK Edic R945	31.6	327.8	327.8	2536
2536 >E	Dunwoodie 345kV Voltage	SBK Edic R70	31.6	327.8	327.8	2322
2536 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	31.8	327.8	327.8	2536
2537 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	31.8	327.8	327.8	2537
2537 >E	Dunwoodie 345kV Voltage	SBK Edic R945	31.8	327.8	327.8	2537
2537 >E	Buchanan South 345kV Voltage	SBK Princetown 345	25.7	327.8	328.2	2553
2542 >E	Buchanan South 345kV Voltage	SBK Edic R70	25.6	327.8	328.0	2327
2544 >E	Millwood 345kV Voltage	Volney-Marcy	27.4	327.8	327.5	2465
2545 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	25.9	327.8	327.9	2544
2546 >E	Sprain Brook 345kV Voltage	Volney-Marcy	31.8	327.8	327.5	2467
2546 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	25.9	327.8	327.8	2546
2547 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	25.9	327.8	327.8	2547
2547 >E	Buchanan South 345kV Voltage	SBK Edic R945	25.9	327.8	327.8	2547
2547 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	23.4	327.8	337.3	727
2547 >E	Dunwoodie 345kV Voltage	Volney-Marcy	32.1	327.8	327.5	2468
2555 >E	Buchanan South 345kV Voltage	Volney-Marcy	26.1	327.8	327.5	2475
2557 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	23.3	327.8	328.4	2519
2562 >E	Ladentown 345kV Voltage	SBK Princetown 345	23.6	327.8	328.1	2577
2562 >E	Ladentown 345kV Voltage	SBK Edic R70	23.4	327.8	328.1	2340
2565 >E	Dunwoodie 345kV Voltage	Marcy South N.	34.2	327.8	324.7	2740
2568 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	23.7	327.8	327.9	2568
2570 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	23.8	327.8	327.8	2569
2570 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	23.8	327.8	327.8	2570
2570 >E	Ladentown 345kV Voltage	SBK Edic R945	23.8	327.8	327.8	2570
2574 >E	Somerset 345kV Voltage	Pre-Fault	36.9	NA	338	2574

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2575 >E	Sprain Brook 345kV Voltage	Marcy South N.	34.5	327.8	324.6	2742
2577 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	24.2	327.8	328.8	2538
2577 >E	Ladentown 345kV Voltage	Volney-Marcy	23.9	327.8	327.5	2495
2578 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	26.9	327.8	317.1	1881
2587 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	24.7	327.8	328.4	2602
2590 >E	Somerset 345kV Voltage	Ph2 DC 1500	24.6	327.8	337.6	2574
2592 >E	Station 80 345kV Voltage	SBK Marcy R3108	31.1	327.8	331.4	1886
2594 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	23.4	327.8	328.4	2555
2597 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	23.5	327.8	328.4	2558
2599 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	25.0	327.8	327.9	2599
2599 >E	Roseton 345kV Voltage	SBK Princetown 345	23.6	327.8	328.2	2614
2601 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	25.0	327.8	327.8	2601
2602 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	24.9	327.8	327.8	2367
2602 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	23.2	327.8	328.4	2563
2602 >E	Roseton 345kV Voltage	SBK Edic R70	23.5	327.8	328.0	2368
2602 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	25.1	327.8	327.8	2602
2602 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	25.1	327.8	327.8	2602
2603 >E	Bowline 1 345kV Voltage	SBK Edic R70	23.5	327.8	328.2	2368
2604 >E	Bowline 1 345kV Voltage	SBK Princetown 345	23.7	327.8	328.1	2618
2606 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	23.8	327.8	327.9	2606
2607 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	23.8	327.8	327.8	2607
2608 >E	Bowline 2 345kV Voltage	SBK Edic R70	23.3	327.8	328.2	2372
2608 >E	Roseton 345kV Voltage	SBK Edic R945	23.8	327.8	327.8	2608
2608 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	23.8	327.8	327.8	2608
2608 >E	Bowline 2 345kV Voltage	SBK Princetown 345	23.5	327.8	328.1	2622
2610 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	23.9	327.8	327.9	2609
2611 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	25.2	327.8	327.5	2526
2611 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	23.9	327.8	327.8	2611
2612 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	23.9	327.8	327.8	2612
2612 >E	Bowline 1 345kV Voltage	SBK Edic R945	23.9	327.8	327.8	2612
2615 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	23.6	327.8	327.9	2614
2615 >E	Roseton 345kV Voltage	Volney-Marcy	23.9	327.8	327.5	2530
2616 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	23.6	327.8	327.8	2616
2616 >E	Roseton 345kV Voltage	Marcy South S.	23.1	327.8	335.0	2691
2616 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	23.7	327.8	327.8	2616
2616 >E	Bowline 2 345kV Voltage	SBK Edic R945	23.7	327.8	327.8	2616
2619 >E	Bowline 1 345kV Voltage	Volney-Marcy	24.0	327.8	327.5	2534

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2623 >E	Bowline 2 345kV Voltage	Volney-Marcy	23.7	327.8	327.5	2538
2635 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	28.0	207	231.5	761
2642 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	48.1	218.5	231.8	764
2642 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	48.1	218.5	231.8	764
2648 >E	Leeds 345kV Voltage	Marcy South N.	25.4	327.8	341.1	2754
2653 >E	Leeds 345kV Voltage	Volney-Marcy	21.9	327.8	327.8	2565
2653 >E	Leeds 345kV Voltage	SBK Princetown 345	21.9	327.8	327.8	2666
2653 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	21.9	327.8	327.8	2652
2653 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	22.0	327.8	327.8	2653
2653 >E	Leeds 345kV Voltage	SBK Edic R945	22.0	327.8	327.8	2653
2653 >E	Leeds 345kV Voltage	SBK Edic R70	22.0	327.8	327.8	2402
2653 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	22.0	327.8	327.8	2652
2653 >E	Leeds 345kV Voltage	Ravenswood 3	22.0	327.8	327.8	2700
2653 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	22.0	327.8	327.8	2612
2669 >E	Gardenville 230kV Voltage	Marcy South N.	32.9	207	225.9	2758
2698 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	26.1	327.8	353.3	786
2708 >E	Dunwoodie 345kV Voltage	Marcy South S.	40.2	327.8	331.7	2727
2710 >E	Watercure 230kV Voltage	Ph2 DC 1500	30.0	207	230.6	2641
2714 >E	Millwood 345kV Voltage	Marcy South S.	35.2	327.8	332.6	2729
2724 >E	Sprain Brook 345kV Voltage	Marcy South S.	40.8	327.8	331.6	2733
2739 >E	Millwood 345kV Voltage	Marcy South N.	37.9	327.8	323.9	2770
2820 >E	Pleasant Valley 345kV Voltage	Marcy South N.	37.4	327.8	331.5	2784
2822 >E	Buchanan North 345kV Voltage	Marcy South N.	42.8	327.8	321.7	2785
2829 >E	Somerset 345kV Voltage	Marcy South S.	33.2	327.8	337.7	2774
2880 >E	Buchanan South 345kV Voltage	Marcy South S.	38.9	327.8	329.0	2795
2887 >E	Somerset 345kV Voltage	Ravenswood 3	35.3	327.8	329.5	2924
2890 >E	Buchanan South 345kV Voltage	Marcy South N.	41.6	327.8	322.0	2796
2895 >E	Somerset 345kV Voltage	Volney-Marcy	34.9	327.8	329.3	2787
2949 >E	Somerset 345kV Voltage	SBK Princetown 345	36.9	327.8	327.9	2956
2949 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	36.9	327.8	327.8	2899
2950 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	36.9	327.8	327.8	2949
2951 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	36.9	327.8	327.8	2950
2951 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	36.9	327.8	327.8	2951
2951 >E	Somerset 345kV Voltage	SBK Edic R945	36.9	327.8	327.8	2951
2968 >E	Rock Tavern 345kV Voltage	Marcy South S.	31.7	327.8	299.2	2829
2969 >E	Buchanan North 345kV Voltage	Marcy South S.	45.5	327.8	323.0	2830
2992 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	33.9	327.8	327.8	902
3031 >E	Rock Tavern 345kV Voltage	Marcy South N.	39.2	327.8	311.1	2821
3046 >E	Somerset 345kV Voltage	SBK Edic R70	39.3	327.8	325.2	2672

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1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3058 >E	Leeds 345kV Voltage	SBK Marcy R3108	36.4	327.8	327.8	2036
3092 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	60.1	327.8	318.0	2047
3140 >E	Coopers Corners 345kV Voltage	Marcy South S.	28.6	327.8	207.9	2897
3190 >E	Roseton 345kV Voltage	Marcy South N.	45.7	327.8	324.6	2848
3196 >E	Ramapo 345kV Voltage	SBK Marcy R3108	53.3	327.8	314.9	2080
3204 >E	Gordon Rd 345kV Voltage	SBK Princetown 345	59.0	327.8	267.1	3206
3236 >E	Rainey 345kV Voltage	Ravenswood 3	60.2	327.8	341.6	3258
3275 >E	Ramapo 345kV Voltage	Marcy South N.	52.5	327.8	316.8	2863
3284 >E	Roseton 345kV Voltage	SBK Marcy R3108	50.2	327.8	318.0	2108
3308 >E	Farragut 345kV Voltage	Ravenswood 3	63.4	327.8	340.8	3326
3324 >E	Ramapo 345kV Voltage	Marcy South S.	49.8	327.8	313.6	2970
3352 >E	Ladentown 345kV Voltage	Marcy South N.	53.3	327.8	315.2	2876
3374 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	56.8	327.8	321.1	2137
3380 >E	Ladentown 345kV Voltage	Marcy South S.	50.7	327.8	315.7	2992
3427 >E	Niagara 230kV East Voltage	Ph2 DC 1500	101.4	218.5	225.8	3040
3427 >E	Niagara 230kV West Voltage	Ph2 DC 1500	101.4	218.5	225.8	3040
3437 >E	Niagara 345kV Voltage	Ph2 DC 1500	48.7	327.8	340.5	3046
3440 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	68.2	327.8	316.0	2158
3451 >E	Millwood 345kV Voltage	SBK Marcy R3108	73.5	327.8	317.1	2162
3474 >E	Ladentown 345kV Voltage	SBK Marcy R3108	61.6	327.8	313.0	2169
3498 >E	Somerset 345kV Voltage	SBK Marcy R3108	58.4	327.8	333.4	2177
3539 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	90.1	327.8	317.9	2190
3553 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	91.4	327.8	317.9	2195
3571 >E	Niagara 230kV East Voltage	Pre-Fault	191.4	NA	225	3571
3571 >E	Niagara 230kV West Voltage	Pre-Fault	191.4	NA	225	3571
3584 >E	Rainey 345kV Voltage	Pre-Fault	96.4	NA	338	3584
3592 >E	Farragut 345kV Voltage	Pre-Fault	100.1	NA	338	3592
3593 >E	Bowline 1 345kV Voltage	Marcy South N.	59.0	327.8	310.5	2918
3609 >E	Bowline 2 345kV Voltage	Marcy South N.	58.7	327.8	311.6	2921
3617 >E	Bowline 1 345kV Voltage	Marcy South S.	56.3	327.8	311.2	3085
3629 >E	Bowline 2 345kV Voltage	Marcy South S.	55.9	327.8	311.3	3090
3637 >E	Niagara 345kV Voltage	Pre-Fault	79.5	NA	338	3637
3696 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	66.5	327.8	310.6	2241
3708 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	65.8	327.8	310.5	2244
3819 >E	Rainey 345kV Voltage	Ph2 DC 1500	68.2	327.8	335.6	3258
3845 >E	Farragut 345kV Voltage	Ph2 DC 1500	70.6	327.8	335.5	3273
3846 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	71.8	327.8	343.6	1238
3873 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	74.3	327.8	343.4	1248
3875 >E	Goethals 345kV Voltage	Ravenswood 3	86.0	327.8	339.6	3868
3983 >E	Niagara 230kV East Voltage	Marcy South S.	136.7	218.5	225.9	3230
3983 >E	Niagara 230kV West Voltage	Marcy South S.	136.7	218.5	225.9	3230

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\14_OS\Sum2023_CEVC_PH2_50_14_OS.xlsx

1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4033 >E	Niagara 345kV Voltage	Marcy South S.	66.7	327.8	340.9	3249
4091 >E	Goethals 345kV Voltage	Pre-Fault	134.3	NA	338	4091
4185 >E	Niagara 345kV Voltage	Ravenswood 3	72.0	327.8	331.1	4165
4281 >E	Niagara 230kV East Voltage	Ravenswood 3	157.4	218.5	221.3	4257
4281 >E	Niagara 230kV West Voltage	Ravenswood 3	157.4	218.5	221.3	4257
4305 >E	Niagara 345kV Voltage	Volney-Marcy	74.9	327.8	329.6	4083
4409 >E	Goethals 345kV Voltage	Ph2 DC 1500	93.5	327.8	335.6	3587
4442 >E	Niagara 345kV Voltage	SBK Princetown 345	79.3	327.8	327.9	4418
4444 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	79.4	327.8	327.8	4347
4446 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	79.4	327.8	327.8	4439
4447 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	79.5	327.8	327.8	4445
4447 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	79.5	327.8	327.8	4447
4447 >E	Niagara 345kV Voltage	SBK Edic R945	79.5	327.8	327.8	4447
4466 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	98.3	327.8	343.3	1482
4473 >E	Gardenville 230kV Voltage	Ph2 DC 1500	92.2	207	223.4	3622
4508 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	94.3	327.8	328.4	4409
4534 >E	Rainey 345kV Voltage	SBK Princetown 345	95.3	327.8	328.1	4508
4552 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	97.9	327.8	328.4	4452
4556 >E	Rainey 345kV Voltage	SBK Edic R70	95.9	327.8	327.9	3710
4560 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	96.2	327.8	327.9	4553
4565 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	96.3	327.8	327.8	4563
4567 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	96.4	327.8	327.8	4567
4567 >E	Rainey 345kV Voltage	SBK Edic R945	96.4	327.8	327.8	4567
4579 >E	Farragut 345kV Voltage	SBK Princetown 345	99.0	327.8	328.1	4552
4596 >E	Rainey 345kV Voltage	Volney-Marcy	97.3	327.8	327.5	4351
4601 >E	Farragut 345kV Voltage	SBK Edic R70	99.6	327.8	327.9	3742
4607 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	99.9	327.8	327.9	4599
4610 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	100.0	327.8	327.8	4608
4612 >E	Farragut 345kV Voltage	SBK Edic R945	100.0	327.8	327.8	4612
4612 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	100.1	327.8	327.8	4612
4625 >E	Niagara 230kV East Voltage	Volney-Marcy	178.5	218.5	219.5	4377
4625 >E	Niagara 230kV West Voltage	Volney-Marcy	178.5	218.5	219.5	4377
4643 >E	Farragut 345kV Voltage	Volney-Marcy	101.0	327.8	327.5	4394
4693 >E	Gardenville 230kV Voltage	Marcy South S.	103.2	207	224.4	3510
4694 >E	Niagara 345kV Voltage	SBK Edic R70	86.3	327.8	324.7	3805
4808 >E	Niagara 230kV East Voltage	SBK Princetown 345	190.9	218.5	218.5	4776
4808 >E	Niagara 230kV West Voltage	SBK Princetown 345	190.9	218.5	218.5	4776
4809 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	191.0	218.5	218.5	4701

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\14_OS\Sum2023_CEVC_PH2_50_14_OS.xlsx

1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4809 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	191.0	218.5	218.5	4701
4814 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	191.3	218.5	218.5	4806
4814 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	191.3	218.5	218.5	4806
4815 >E	Niagara 230kV East Voltage	Princeton-N.Scot 345	191.4	218.5	218.5	4813
4815 >E	Niagara 230kV West Voltage	Princeton-N.Scot 345	191.4	218.5	218.5	4813
4815 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	191.4	218.5	218.5	4815
4815 >E	Niagara 230kV East Voltage	SBK Edic R945	191.4	218.5	218.5	4815
4815 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	191.4	218.5	218.5	4815
4815 >E	Niagara 230kV West Voltage	SBK Edic R945	191.4	218.5	218.5	4815
5213 >E	Niagara 230kV East Voltage	SBK Edic R70	215.8	218.5	216.4	4162
5213 >E	Niagara 230kV West Voltage	SBK Edic R70	215.8	218.5	216.4	4162
5343 >E	Rainey 345kV Voltage	Marcy South S.	124.3	327.8	334.9	3766
5380 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	131.3	327.8	328.4	5255
5399 >E	Farragut 345kV Voltage	Marcy South S.	128.9	327.8	334.8	3788
5417 >E	Goethals 345kV Voltage	SBK Princeton 345	132.8	327.8	328.1	5372
5446 >E	Goethals 345kV Voltage	SBK Edic R70	133.6	327.8	327.9	4322
5453 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	134.1	327.8	327.9	5443
5458 >E	Goethals 345kV Voltage	Princeton-N.Scot 345	134.2	327.8	327.8	5455
5460 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	134.3	327.8	327.8	5460
5460 >E	Goethals 345kV Voltage	SBK Edic R945	134.3	327.8	327.8	5460
5500 >E	Goethals 345kV Voltage	Volney-Marcy	135.6	327.8	327.5	5181
5504 >E	Gardenville 230kV Voltage	SBK Marcy R3108	130.4	207	215.8	2821
5527 >E	Rainey 345kV Voltage	Marcy South N.	132.4	327.8	324.0	3252
5637 >E	Farragut 345kV Voltage	Marcy South N.	139.2	327.8	324.0	3271
5880 >E	Niagara 345kV Voltage	SBK Marcy R3108	125.3	327.8	335.1	2942
5949 >E	Gardenville 230kV Voltage	Pre-Fault	231.1	NA	217	5949
6012 >E	Niagara 230kV East Voltage	SBK Marcy R3108	271.3	218.5	221.9	2985
6012 >E	Niagara 230kV West Voltage	SBK Marcy R3108	271.3	218.5	221.9	2985
6270 >E	Watercure 230kV Voltage	Volney-Marcy	170.8	207	220.5	5888
6499 >E	Goethals 345kV Voltage	Marcy South S.	173.3	327.8	334.8	4222
6627 >E	Watercure 230kV Voltage	Ravenswood 3	185.6	207	219.5	6500
6806 >E	Goethals 345kV Voltage	Marcy South N.	186.4	327.8	324.4	3473
7061 >E	Gardenville 230kV Voltage	Ravenswood 3	187.8	207	212.2	6915
7416 >E	Gardenville 230kV Voltage	Volney-Marcy	200.7	207	210.7	6941
8176 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	228.2	207	207.4	7964
8217 >E	Watercure 230kV Voltage	Pre-Fault	353.0	NA	215	8217
8229 >E	Gardenville 230kV Voltage	SBK Princeton 345	229.9	207	207.1	8127
8251 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr	230.8	207	207.0	8231

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\14_OS\Sum2023_CEVC_PH2_50_14_OS.xlsx

1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
8255 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	231.0	207	207.0	8250
8258 >E	Gardenville 230kV Voltage	SBK Edic R945	231.1	207	207.0	8258
8260 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	231.1	207	207.0	8260
8595 >E	Gardenville 230kV Voltage	SBK Edic R70	241.8	207	205.5	6487
8616 >E	Northport 138kV Voltage	Pre-Fault	748.8	NA	135	8616
9300 >E	Northport 138kV Voltage	Ph2 DC 1500	573.5	131.1	134.1	6310
9461 >E	Northport 138kV Voltage	Ravenswood 3	599.2	131.1	133.9	9209
9567 >E	Rainey 345kV Voltage	SBK Marcy R3108	283.8	327.8	313.3	4126
9590 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	600.2	131.1	137.2	3499
9659 >E	Farragut 345kV Voltage	SBK Marcy R3108	293.0	327.8	313.6	4156
10631 >E	Watercure 230kV Voltage	SBK Princetown 345	337.5	207	208.2	10479
10704 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	340.3	207	208.0	10414
10963 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	350.1	207	207.2	10933
11021 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	352.3	207	207.1	11013
11041 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	353.0	207	207.0	11041
11041 >E	Watercure 230kV Voltage	SBK Edic R945	353.0	207	207.0	11041
11334 >E	Northport 138kV Voltage	N.Scot-Leeds 345	733.2	131.1	131.4	11024
11491 >E	Northport 138kV Voltage	SBK Princetown 345	745.4	131.1	131.2	11320
11517 >E	Northport 138kV Voltage	SBK Edic R70	747.1	131.1	131.1	8494
11524 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	747.9	131.1	131.1	11492
11536 >E	Northport 138kV Voltage	Princetown-N.Scot 345	748.8	131.1	131.1	11527
11536 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	748.8	131.1	131.1	11536
11536 >E	Northport 138kV Voltage	SBK Edic R945	748.8	131.1	131.1	11536
11638 >E	Northport 138kV Voltage	Volney-Marcy	756.4	131.1	131.0	10820
12236 >E	Goethals 345kV Voltage	SBK Marcy R3108	396.8	327.8	313.9	4984

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

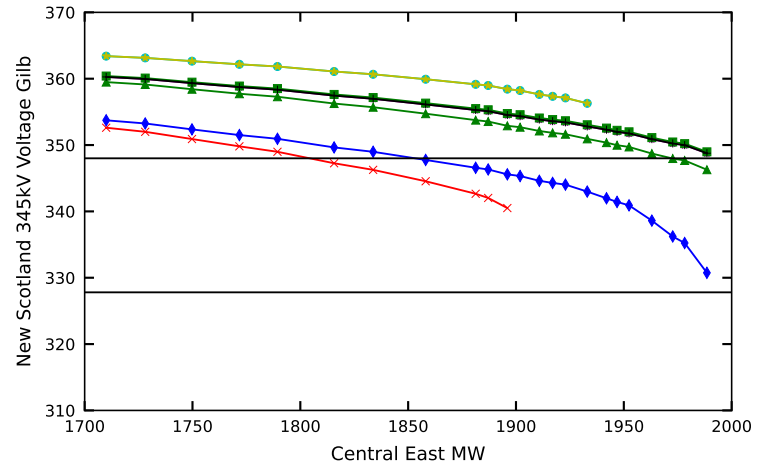
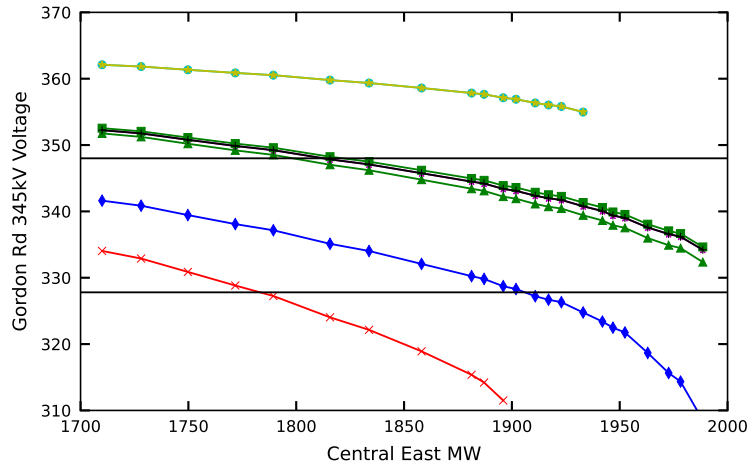
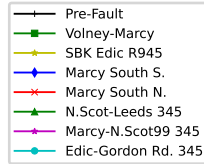
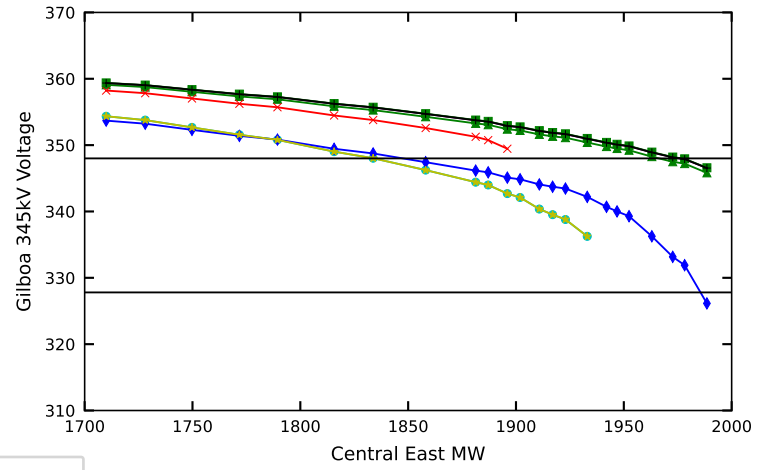
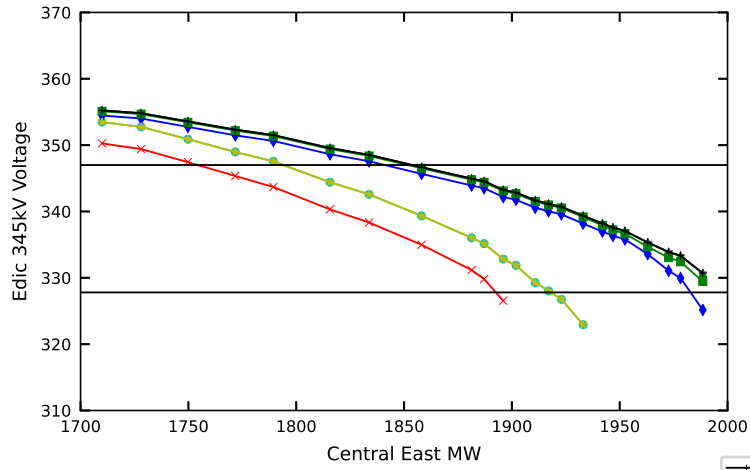
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\14_OS\Sum2023_CEVC_PH2_50_14_OS.xlsx

1: 2023S CEVC PH2 CE1750 MS2270 DE1420 50 14_OS

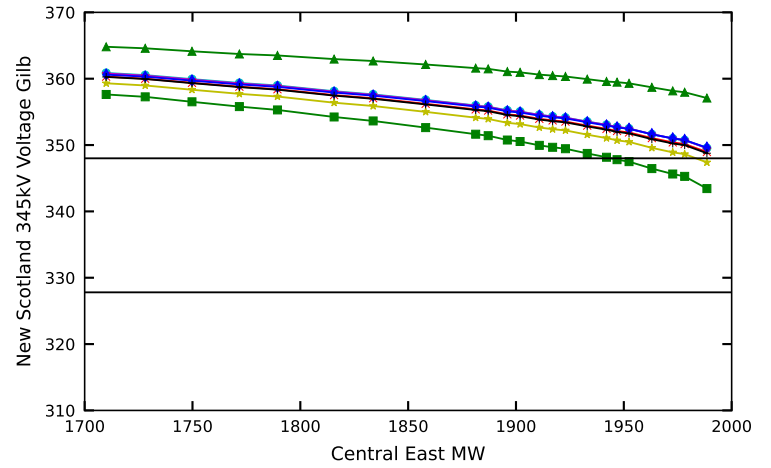
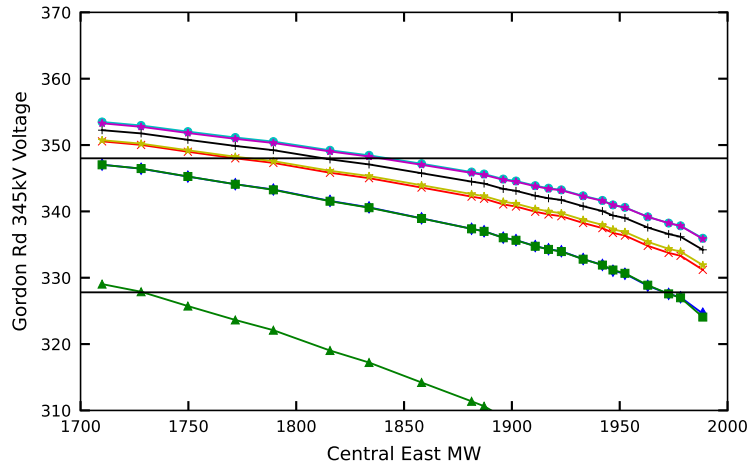
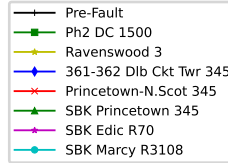
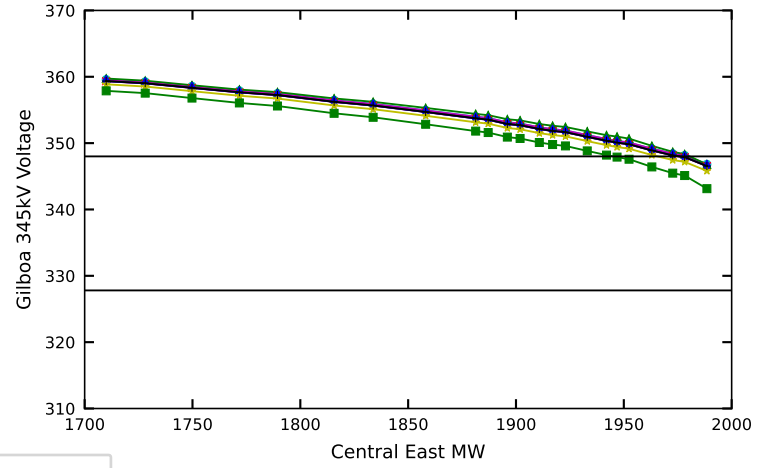
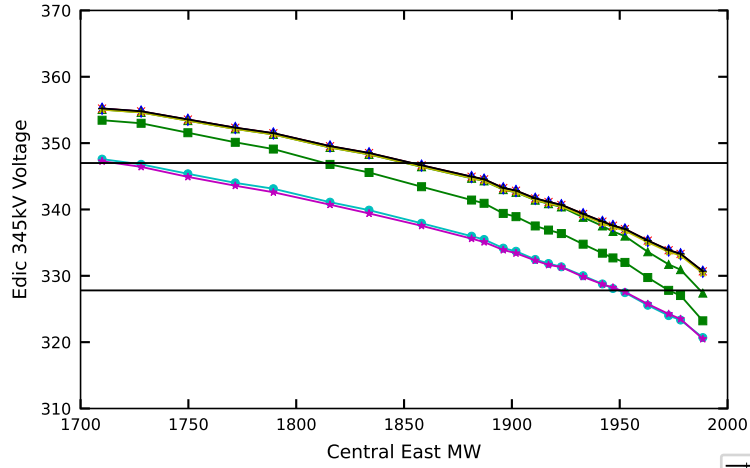
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
13327 >E	Watercure 230kV Voltage	SBK Edic R70	433.9	207	200.5	9739
14322 >E	Northport 138kV Voltage	Marcy South S.	966.5	131.1	134.4	7306
32268 >E	Northport 138kV Voltage	SBK Marcy R3108	2376.4	131.1	124.6	11418
99998 >E	Northport 138kV Voltage	Marcy South N.	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

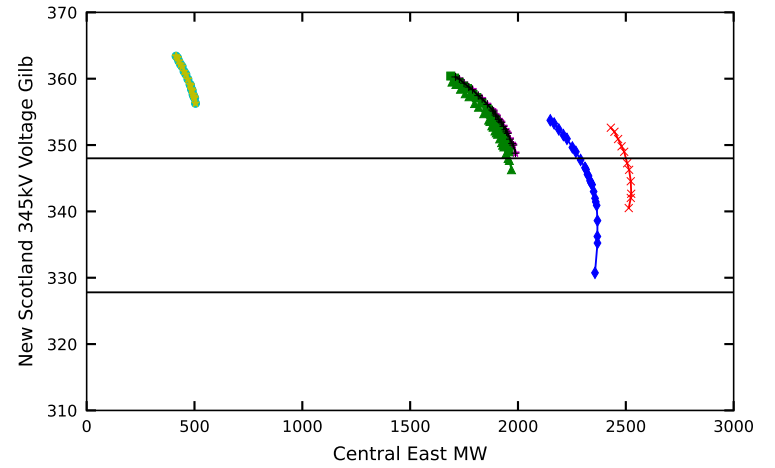
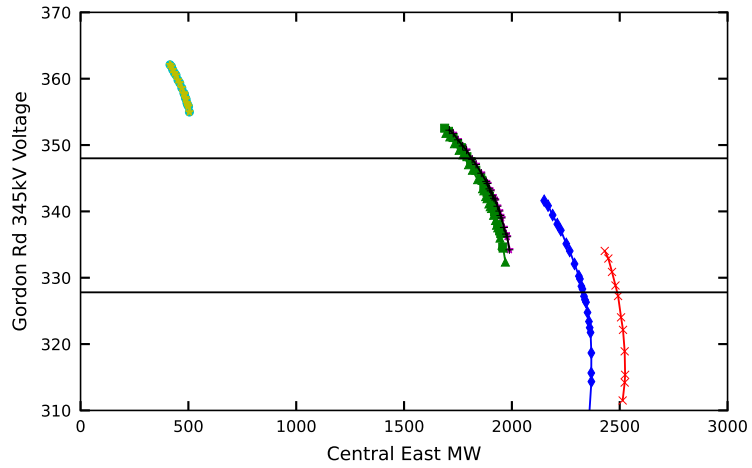
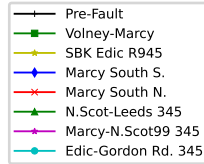
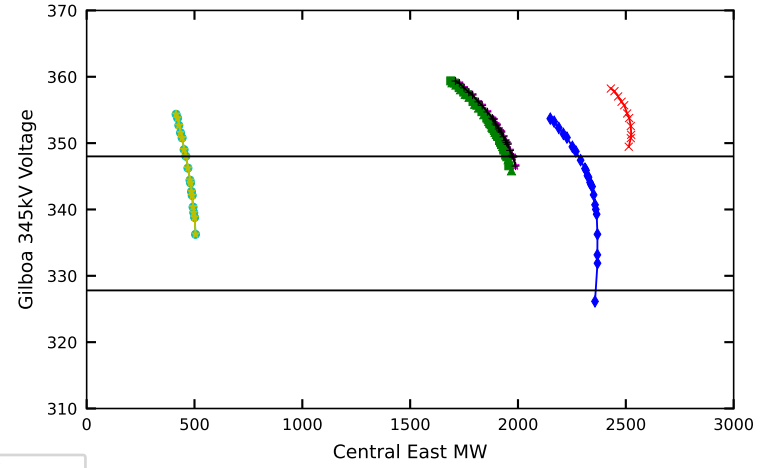
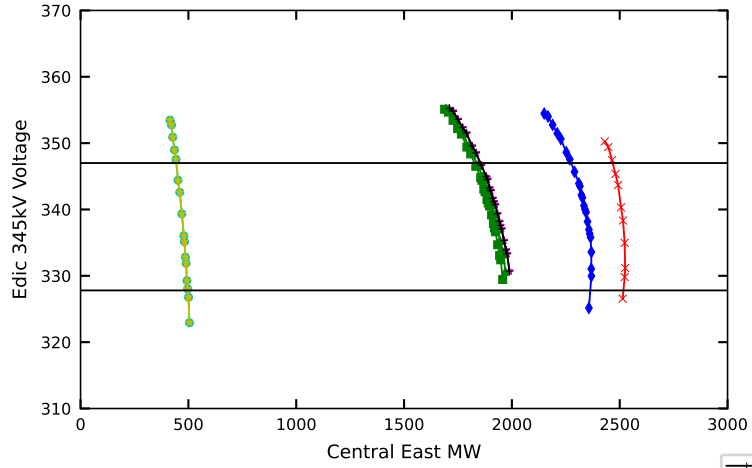
1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS Figure 1



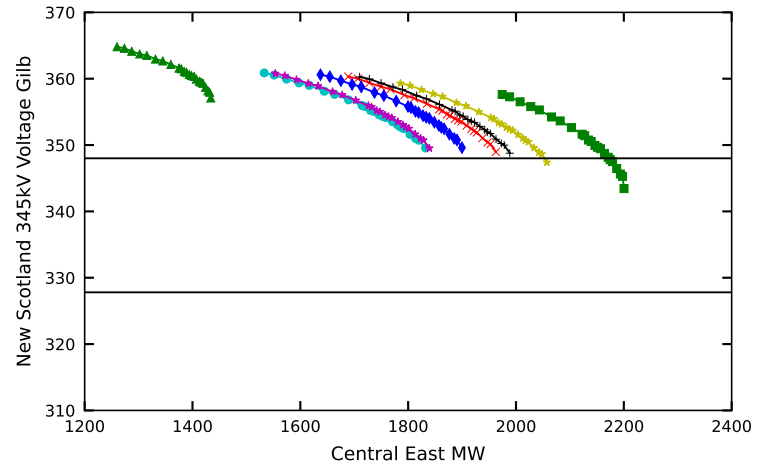
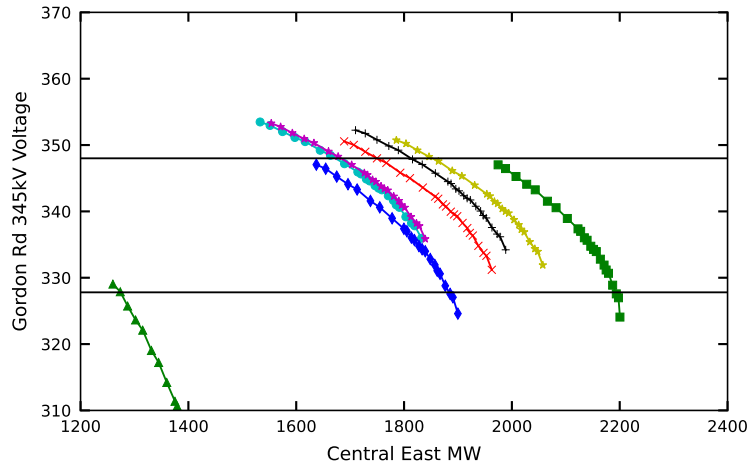
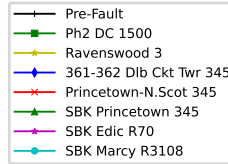
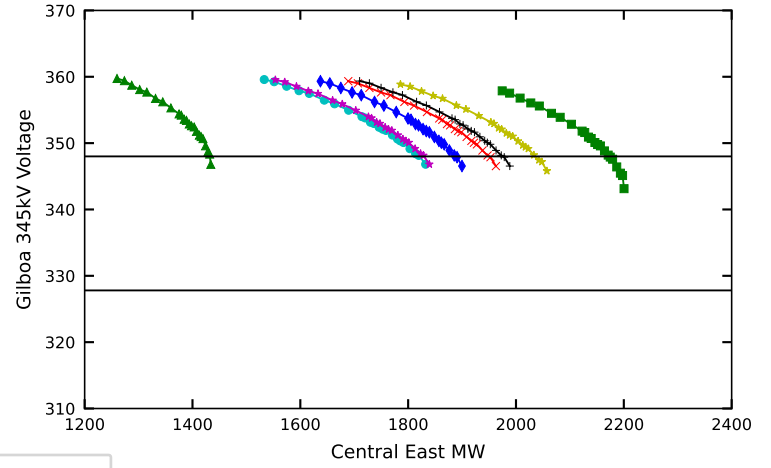
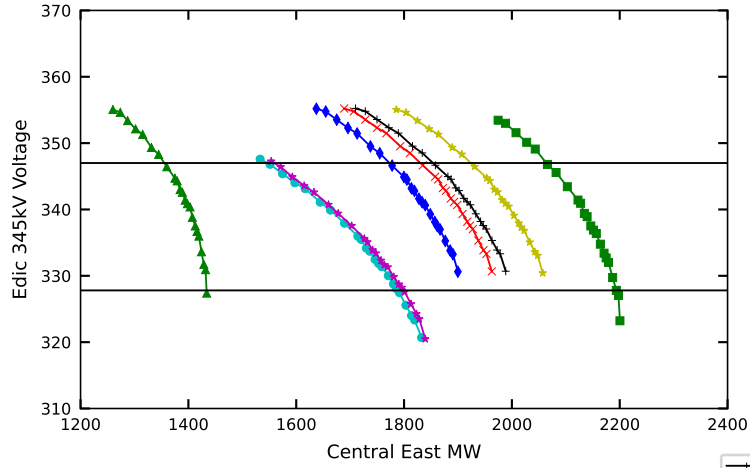
1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_05 Figure 2



1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_05 Figure 1



1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
1709	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1728	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1749	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1771	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1789	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1815	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1833	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1858	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1881	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1887	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
1895	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
1901	t1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	2															
1910	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	3															
1916	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	4															
1922	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
1933	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
1941	t1	0	1	0	0	2	0	1	0	0	0	0	0	0	0	0
	7															
1946	t1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	8															
1952	t1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	9															
1963	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	0															
1972	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	1															
1978	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	2															
1988	t2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0
	3															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-10-2023 13:35

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 5O 18_OS

Interface: Central East

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1664 <E	Dunwoodie 345kV Voltage	Pre-Fault	82.9	NA	348	1664
1672 <E	Sprain Brook 345kV Voltage	Pre-Fault	82.9	NA	348	1672
1728	Gordon Rd 345kV Voltage	SBK Princetown 345	10.1	327.8	351.7	1274
1783	Gordon Rd 345kV Voltage	Marcy South N.	11.2	327.8	349.4	2488
1787	limit with 5% margin	Marcy South N.	NA	NA	NA	2398
1812	Gordon Rd 345kV Voltage	Pre-Fault	19.0	NA	348	1812
1817	Coopers Corners 345kV Voltage	SBK Edic R945	8.4	327.8	347.8	452
1817	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	8.4	327.8	347.8	452
1835	Oakdale 345kV Voltage	Marcy South N.	5.6	320	350.4	2515
1836	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	479
1836	limit with 5% margin	SBK Edic R945	NA	NA	NA	479
1845	Fraser 345kV Voltage	SBK Edic R945	5.4	327.8	349.1	464
1845	Fraser 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	349.1	464
1846	Marcy 345kV Voltage	Pre-Fault	13.2	NA	348	1846
1853	Edic 345kV Voltage	Pre-Fault	13.1	NA	347	1853
1864	limit with 5% margin	Marcy South S.	NA	NA	NA	2250
1889	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1889
1889	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	1871
1889	limit with 5% margin	Volney-Marcy	NA	NA	NA	1859
1889	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1740
1889	limit with 5% margin	SBK Edic R70	NA	NA	NA	1747
1889	limit with 5% margin	SBK Princetown 345	NA	NA	NA	1362
1889	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	1864
1889	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	1804
1889	limit with 5% margin	Ravenswood 3	NA	NA	NA	1954
1889	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2090
1889	Oakdale 345kV Voltage	SBK Edic R945	2.9	320	345.3	482
1889	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.9	320	345.3	482
1901 >E	Edic 345kV Voltage	Marcy South N.	6.1	327.8	343.4	2526
1903	Millwood 345kV Voltage	Pre-Fault	41.1	NA	348	1903
1906	Gordon Rd 345kV Voltage	Marcy South S.	8.2	327.8	342.8	2330
1915 >E	Marcy 345kV Voltage	Marcy South N.	6.2	327.8	342.9	2528
1918	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.7	327.8	341.1	497
1918	Edic 345kV Voltage	SBK Edic R945	4.8	327.8	341.1	497
1920	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.7	327.8	341.4	498
1920	Marcy 345kV Voltage	SBK Edic R945	4.8	327.8	341.4	498
1921	Coopers Corners 345kV Voltage	SBK Marcy R3108	15.4	327.8	340.4	1757
1923	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	13.5	500	507.7	500
1923	Ramapo 500kV Voltage	SBK Edic R945	13.4	500	507.7	500
1931	Buchanan North 345kV Voltage	Pre-Fault	39.5	NA	346	1931

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1944	Coopers Corners 345kV Voltage	Pre-Fault	13.0	NA	338	1944
1947	Coopers Corners 345kV Voltage	SBK Edic R70	11.2	327.8	337.8	1796
1949	Edic 345kV Voltage	SBK Marcy R3108	9.0	327.8	337.3	1788
1950	Fraser 345kV Voltage	Pre-Fault	10.5	NA	338	1950
1950	Edic 345kV Voltage	SBK Edic R70	8.5	327.8	337.2	1799
1957	Rock Tavern 345kV Voltage	Pre-Fault	12.7	NA	348	1957
1962	Station 80 345kV Voltage	Pre-Fault	18.5	NA	346	1962
1963	Oakdale 345kV Voltage	Pre-Fault	5.6	NA	335	1963
1966 >E	Gilboa 345kV Voltage	SBK Edic R945	4.0	327.8	348.6	518
1966 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	4.0	327.8	348.6	518
1967 >E	Clay 345kV Voltage	SBK Edic R945	4.0	327.8	346.5	518
1967 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.0	327.8	346.5	518
1970	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	7.9	327.8	336.8	1883
1970	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.4	327.8	336.8	2192
1972	Edic 345kV Voltage	Ph2 DC 1500	7.1	327.8	333.9	2193
1975	Gilboa 345kV Voltage	Pre-Fault	20.6	NA	348	1975
1977 >E	Fraser 345kV Voltage	Marcy South S.	2.9	327.8	333.3	2373
1977 >E	Clay 345kV Voltage	Marcy South N.	9.1	327.8	348.3	2533
1978	Pannell Road 345kV Voltage	Pre-Fault	11.4	NA	346	1978
1978	Marcy 345kV Voltage	Ph2 DC 1500	2.7	327.8	333.7	2197
1978	Coopers Corners 345kV Voltage	SBK Princetown 345	3.3	327.8	334.0	1431
1981 >E	Rock Tavern 345kV Voltage	SBK Edic R945	6.0	327.8	347.0	524
1981 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	347.0	524
1984	Clay 345kV Voltage	Pre-Fault	7.0	NA	345	1984
1986	Coopers Corners 345kV Voltage	Ph2 DC 1500	3.2	327.8	332.2	2199
1987	Coopers Corners 345kV Voltage	Ravenswood 3	4.1	327.8	332.1	2056
1987	Edic 345kV Voltage	SBK Princetown 345	2.9	327.8	331.0	1433
1989 >E	Fraser 345kV Voltage	SBK Princetown 345	2.7	327.8	330.6	1434
1989 >E	Marcy 345kV Voltage	SBK Princetown 345	2.9	327.8	330.9	1434
1989 >E	Fraser 345kV Voltage	Ph2 DC 1500	2.6	327.8	330.5	2200
1990 >E	Edic 345kV Voltage	Marcy South S.	4.8	327.8	330.8	2377
1992 >E	Gilboa 345kV Voltage	Marcy South S.	3.5	327.8	346.3	2378
1994 >E	Edic 345kV Voltage	Volney-Marcy	3.5	327.8	329.2	1962
1995 >E	New Scotland 345kV Voltage Alps	Pre-Fault	8.5	NA	348	1995
1995 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	8.5	NA	348	1995
1995 >E	Oakdale 345kV Voltage	Ph2 DC 1500	2.4	320	327.2	2202
1996 >E	Marcy 345kV Voltage	Volney-Marcy	3.4	327.8	329.2	1964
1996 >E	Pannell Road 345kV Voltage	SBK Edic R945	5.9	327.8	344.3	530
1996 >E	Watercure 230kV Voltage	SBK Edic R945	5.5	207	231.9	530
1997 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	5.9	327.8	344.3	530

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1997 >E	Oakdale 345kV Voltage	SBK Princetown 345	2.5	320	326.7	1435
1997 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	5.5	207	231.9	530
1998 >E	Edic 345kV Voltage	Ravenswood 3	3.9	327.8	328.1	2066
1999 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	327.8	1999
1999 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	3.6	327.8	327.8	1973
1999 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	3.6	327.8	327.8	1980
1999 >E	Fraser 345kV Voltage	Volney-Marcy	3.6	327.8	327.8	1967
1999 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	3.6	327.8	327.8	1909
1999 >E	Fraser 345kV Voltage	SBK Marcy R3108	3.6	327.8	327.8	1845
1999 >E	Fraser 345kV Voltage	SBK Edic R70	3.6	327.8	327.8	1851
1999 >E	Fraser 345kV Voltage	Ravenswood 3	3.6	327.8	327.8	2067
1999 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.9	1909
1999 >E	Edic 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	1973
1999 >E	Edic 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	327.8	1980
1999 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	327.8	1999
2000 >E	Marcy 345kV Voltage	Marcy South S.	4.9	327.8	329.7	2381
2001 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	4.2	327.8	328.7	1911
2001 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	3.9	327.8	327.8	1982
2001 >E	Marcy 345kV Voltage	Ravenswood 3	3.9	327.8	327.8	2069
2001 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	327.8	2001
2001 >E	Marcy 345kV Voltage	SBK Marcy R3108	3.9	327.8	327.8	1848
2001 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	3.9	327.8	327.8	1975
2001 >E	Marcy 345kV Voltage	SBK Edic R70	3.9	327.8	327.8	1853
2001 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	3.9	327.8	327.8	1911
2002 >E	Ramapo 500kV Voltage	Ph2 DC 1500	17.5	500	506.2	2203
2003 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	4.2	327.8	328.2	1984
2004 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	4.2	327.8	328.1	1977
2005 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	4.9	327.8	331.0	1978
2005 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	4.3	327.8	327.8	2005
2005 >E	Oakdale 345kV Voltage	SBK Edic R70	2.9	320	323.9	1857
2007 >E	Oakdale 345kV Voltage	Marcy South S.	3.7	320	326.9	2383
2007 >E	Buchanan South 345kV Voltage	Pre-Fault	17.3	NA	346	2007
2007 >E	Coopers Corners 345kV Voltage	Volney-Marcy	4.2	327.8	327.2	1974
2009 >E	Gordon Rd 345kV Voltage	Ravenswood 3	5.1	327.8	330.2	2076
2010 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	4.9	327.8	330.0	1991
2011 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.1	320	322.1	1860
2011 >E	Oakdale 345kV Voltage	Volney-Marcy	3.0	320	322.0	1978

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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2012 >E	New Scotland 345kV Voltage Alps	Marcy South S.	4.6	327.8	346.8	2385
2012 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	4.6	327.8	346.8	2385
2013 >E	Oakdale 345kV Voltage	Ravenswood 3	3.0	320	321.6	2080
2014 >E	Station 80 345kV Voltage	SBK Edic R945	6.8	327.8	343.4	537
2015 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	343.4	537
2015 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	3.1	320	320.7	1924
2017 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.1	320	320.2	1990
2017 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.1	320	320.1	1998
2018 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.1	320	320.0	2018
2021 >E	Ramapo 345kV Voltage	Pre-Fault	14.9	NA	346	2021
2022 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.2	327.8	327.8	2022
2023 >E	Gordon Rd 345kV Voltage	Volney-Marcy	5.1	327.8	327.5	1988
2024 >E	Pleasant Valley 345kV Voltage	Pre-Fault	17.1	NA	348	2024
2026 >E	St.Lawrence 230kV Voltage	Pre-Fault	11.5	NA	225	2026
2030 >E	Watercure 230kV Voltage	Marcy South N.	14.6	207	232.7	2538
2030 >E	Gordon Rd 345kV Voltage	SBK Edic R70	5.3	327.8	326.1	1884
2032 >E	Ramapo 500kV Voltage	Ravenswood 3	31.5	500	505.2	2097
2033 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	5.5	327.8	325.7	1887
2038 >E	Pannell Road 345kV Voltage	Marcy South N.	13.0	327.8	346.1	2538
2043 >E	Clay 345kV Voltage	SBK Edic R70	5.6	327.8	336.7	1898
2048 >E	Ladentown 345kV Voltage	Pre-Fault	15.8	NA	346	2048
2049 >E	Clay 345kV Voltage	Ph2 DC 1500	4.8	327.8	335.7	2216
2056 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	8.5	218.5	222.4	2218
2063 >E	Clay 345kV Voltage	SBK Princetown 345	5.3	327.8	333.8	1449
2063 >E	Fraser 345kV Voltage	Marcy South N.	10.1	327.8	330.1	2541
2064 >E	New Scotland 345kV Voltage Alps	Marcy South N.	12.3	327.8	348.7	2541
2064 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	12.3	327.8	348.7	2541
2068 >E	Gilboa 345kV Voltage	Ph2 DC 1500	5.2	327.8	336.1	2221
2074 >E	Clay 345kV Voltage	SBK Marcy R3108	7.1	327.8	332.2	1938
2075 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	5.6	327.8	338.4	2223
2075 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	5.6	327.8	338.4	2223
2078 >E	St.Lawrence 230kV Voltage	SBK Edic R945	14.5	218.5	226.2	563
2079 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	14.6	218.5	226.1	563
2080 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	7.7	327.8	335.0	1945
2083 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	9.9	218.5	220.1	1453
2085 >E	Station 80 345kV Voltage	Marcy South N.	15.2	327.8	345.3	2543
2087 >E	St.Lawrence 230kV Voltage	Volney-Marcy	10.6	218.5	219.7	2046
2089 >E	Roseton 345kV Voltage	Pre-Fault	15.6	NA	345	2089
2091 >E	Buchanan North 345kV Voltage	SBK Edic R945	12.6	327.8	342.0	569
2091 >E	Ramapo 345kV Voltage	SBK Edic R945	10.4	327.8	345.8	569

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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2091 >E	Bowline 1 345kV Voltage	Pre-Fault	16.0	NA	345	2091
2091 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	12.6	327.8	341.9	568
2092 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	10.5	327.8	345.8	568
2092 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	6.6	327.8	333.5	2227
2092 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	11.1	218.5	219.3	1960
2092 >E	Clay 345kV Voltage	Volney-Marcy	6.6	327.8	329.6	2050
2095 >E	Rock Tavern 345kV Voltage	SBK Edic R70	7.9	327.8	333.2	1953
2096 >E	St.Lawrence 230kV Voltage	Ravenswood 3	11.4	218.5	218.9	2156
2096 >E	St.Lawrence 230kV Voltage	SBK Edic R70	11.4	218.5	218.9	1955
2097 >E	Leeds 345kV Voltage	Marcy South S.	5.9	327.8	350.8	2414
2097 >E	Bowline 2 345kV Voltage	Pre-Fault	15.8	NA	345	2097
2100 >E	Rock Tavern 345kV Voltage	Ravenswood 3	8.3	327.8	332.6	2160
2100 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	7.2	327.8	332.6	1457
2101 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	11.5	218.5	218.5	2101
2101 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	11.5	218.5	218.5	2079
2101 >E	Clay 345kV Voltage	Ravenswood 3	6.9	327.8	328.3	2161
2101 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	11.5	218.5	218.5	2072
2102 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	11.6	218.5	218.4	2001
2103 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	7.0	327.8	328.1	2002
2104 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	8.1	327.8	335.0	2230
2105 >E	Clay 345kV Voltage	Princetown-N.Scot 345	7.0	327.8	327.9	2075
2105 >E	Clay 345kV Voltage	N.Scot-Leeds 345	7.0	327.8	327.8	2082
2105 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	327.8	2105
2108 >E	Ramapo 500kV Voltage	SBK Princetown 345	23.6	500	503.0	1458
2109 >E	Ramapo 500kV Voltage	SBK Marcy R3108	29.2	500	502.9	1981
2111 >E	Pannell Road 345kV Voltage	SBK Edic R70	9.3	327.8	334.3	1971
2114 >E	Clay 345kV Voltage	Marcy South S.	8.7	327.8	333.6	2420
2115 >E	Gilboa 345kV Voltage	SBK Princetown 345	6.7	327.8	330.0	1460
2121 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	7.4	327.8	329.1	2098
2123 >E	Pannell Road 345kV Voltage	SBK Princetown 345	8.7	327.8	333.2	1462
2124 >E	Gilboa 345kV Voltage	Ravenswood 3	7.6	327.8	328.8	2182
2125 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	7.4	327.8	332.6	2102
2125 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	7.4	327.8	332.6	2102
2127 >E	Station 80 345kV Voltage	Ph2 DC 1500	9.7	327.8	334.9	2236
2128 >E	Ramapo 500kV Voltage	SBK Edic R70	29.9	500	502.4	1988
2130 >E	Ladentown 345kV Voltage	SBK Edic R945	11.2	327.8	346.4	585
2131 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	11.3	327.8	346.4	584
2132 >E	Gilboa 345kV Voltage	Volney-Marcy	7.6	327.8	327.8	2086
2132 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	7.7	327.8	327.8	2132

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2132 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	7.7	327.8	327.8	2101
2133 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	7.7	327.8	327.7	2028
2134 >E	Gilboa 345kV Voltage	SBK Edic R70	7.7	327.8	327.5	1995
2135 >E	Gilboa 345kV Voltage	SBK Marcy R3108	7.7	327.8	327.4	2013
2138 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	8.5	327.8	328.2	2114
2138 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	8.5	327.8	328.2	2032
2140 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	8.6	327.8	327.9	2109
2141 >E	Station 80 345kV Voltage	SBK Edic R70	11.1	327.8	333.8	2003
2141 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	8.6	327.8	327.8	2141
2144 >E	Rock Tavern 345kV Voltage	Volney-Marcy	8.6	327.8	327.4	2097
2145 >E	Buchanan North 345kV Voltage	Ravenswood 3	15.1	327.8	334.7	2201
2145 >E	Leeds 345kV Voltage	Pre-Fault	14.7	NA	345	2145
2145 >E	Bowline 1 345kV Voltage	SBK Edic R945	11.2	327.8	347.5	591
2146 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	11.2	327.8	347.5	591
2147 >E	Dunwoodie 345kV Voltage	Ravenswood 3	18.2	327.8	335.8	2203
2147 >E	Sprain Brook 345kV Voltage	Ravenswood 3	18.1	327.8	335.8	2203
2150 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	8.3	327.8	329.7	2206
2150 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	8.3	327.8	329.7	2206
2151 >E	Bowline 2 345kV Voltage	SBK Edic R945	11.2	327.8	347.9	593
2152 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	11.2	327.8	347.8	593
2153 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	11.4	327.8	330.6	2036
2154 >E	Station 80 345kV Voltage	SBK Princetown 345	10.4	327.8	332.9	1468
2165 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	8.4	327.8	327.9	2116
2165 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	8.4	327.8	327.9	2116
2166 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	8.5	327.8	327.8	2166
2166 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	8.5	327.8	327.8	2166
2166 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	12.2	327.8	333.5	2247
2169 >E	Pannell Road 345kV Voltage	Volney-Marcy	10.8	327.8	329.2	2119
2170 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	8.6	327.8	327.3	2138
2170 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	8.6	327.8	327.3	2138
2173 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	8.5	327.8	326.9	2037
2173 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	8.5	327.8	326.9	2037
2175 >E	Buchanan South 345kV Voltage	SBK Edic R945	14.3	327.8	342.7	603
2176 >E	Pannell Road 345kV Voltage	Ravenswood 3	11.2	327.8	328.6	2230
2176 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	14.3	327.8	342.6	603
2178 >E	Somerset 345kV Voltage	SBK Edic R945	11.9	327.8	346.9	604
2178 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	8.7	327.8	326.4	2066
2178 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	8.7	327.8	326.4	2066
2178 >E	Millwood 345kV Voltage	Ravenswood 3	16.2	327.8	335.3	2232

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2179 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	12.0	327.8	346.8	604
2183 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	11.3	327.8	328.1	2072
2183 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	9.0	327.8	325.7	2073
2183 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	9.0	327.8	325.7	2073
2185 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	11.4	327.8	327.9	2152
2185 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	11.4	327.8	327.8	2160
2185 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	11.4	327.8	327.8	2185
2187 >E	Station 80 345kV Voltage	SBK Marcy R3108	13.5	327.8	330.4	2077
2191 >E	Ramapo 345kV Voltage	Ph2 DC 1500	11.0	327.8	334.6	2253
2195 >E	Buchanan South 345kV Voltage	Ravenswood 3	15.6	327.8	335.1	2247
2196 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	32.7	500	500.3	2084
2196 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	32.5	500	500.3	2171
2197 >E	Pannell Road 345kV Voltage	Marcy South S.	13.7	327.8	333.5	2449
2200 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	15.2	327.8	331.5	2093
2200 >E	Ramapo 500kV Voltage	Volney-Marcy	32.5	500	500.2	2147
2203 >E	Ramapo 345kV Voltage	Ravenswood 3	13.9	327.8	333.8	2255
2204 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	33.2	500	500.1	2171
2206 >E	Station 80 345kV Voltage	Volney-Marcy	12.8	327.8	329.0	2152
2207 >E	Pleasant Valley 345kV Voltage	Marcy South S.	12.2	327.8	342.2	2452
2207 >E	Ramapo 500kV Voltage	Pre-Fault	33.4	NA	500	2207
2207 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	33.4	500	500.0	2207
2209 >E	Station 80 345kV Voltage	Ravenswood 3	13.1	327.8	328.8	2260
2211 >E	Station 80 345kV Voltage	Marcy South S.	14.6	327.8	332.5	2454
2212 >E	Millwood 345kV Voltage	SBK Edic R945	16.5	327.8	340.6	618
2213 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	16.6	327.8	340.6	617
2217 >E	Buchanan North 345kV Voltage	SBK Edic R70	15.7	327.8	330.4	2084
2220 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	13.4	327.8	328.0	2105
2220 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	12.7	327.8	333.7	2261
2221 >E	Ladentown 345kV Voltage	Ph2 DC 1500	11.6	327.8	335.1	2261
2221 >E	Ramapo 345kV Voltage	SBK Marcy R3108	13.5	327.8	332.6	2120
2222 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	13.5	327.8	327.9	2188
2222 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	13.5	327.8	327.8	2196
2223 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	13.5	327.8	327.8	2223
2223 >E	Millwood 345kV Voltage	Ph2 DC 1500	13.5	327.8	332.9	2262
2223 >E	Buchanan North 345kV Voltage	SBK Princetown 345	14.8	327.8	330.0	1483
2224 >E	Sprain Brook 345kV Voltage	SBK Edic R945	19.7	327.8	338.6	623

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2225 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	19.8	327.8	338.5	622
2228 >E	St.Lawrence 230kV Voltage	Marcy South S.	22.6	218.5	219.4	2459
2228 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	15.7	327.8	331.9	2263
2230 >E	Dunwoodie 345kV Voltage	SBK Edic R945	20.0	327.8	338.4	625
2230 >E	Ladentown 345kV Voltage	Ravenswood 3	14.5	327.8	334.5	2280
2230 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	15.9	327.8	331.8	2264
2231 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	20.1	327.8	338.4	625
2233 >E	Roseton 345kV Voltage	SBK Edic R945	13.9	327.8	345.1	627
2234 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	14.0	327.8	345.1	626
2239 >E	Ramapo 345kV Voltage	SBK Princetown 345	12.9	327.8	331.4	1486
2241 >E	Ramapo 345kV Voltage	SBK Edic R70	13.9	327.8	331.3	2109
2242 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	11.7	327.8	335.6	2267
2245 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	11.6	327.8	335.7	2268
2247 >E	Ramapo 500kV Voltage	Marcy South S.	41.0	500	503.1	2466
2253 >E	Gordon Rd 345kV Voltage	SBK Edic R945	11.8	327.8	310.7	635
2253 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	16.4	327.8	328.3	2226
2254 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	11.8	327.8	310.6	634
2254 >E	Roseton 345kV Voltage	Ph2 DC 1500	11.6	327.8	334.4	2270
2257 >E	Bowline 1 345kV Voltage	Ravenswood 3	14.7	327.8	334.6	2304
2258 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	12.3	327.8	334.3	2271
2259 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	16.6	327.8	327.9	2140
2260 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	16.6	327.8	327.8	2225
2261 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	16.7	327.8	327.8	2261
2261 >E	Bowline 2 345kV Voltage	Ravenswood 3	14.6	327.8	334.7	2308
2263 >E	Ladentown 345kV Voltage	SBK Marcy R3108	14.3	327.8	332.4	2171
2264 >E	Buchanan North 345kV Voltage	Volney-Marcy	16.7	327.8	327.6	2204
2264 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	15.9	327.8	331.1	2173
2266 >E	Millwood 345kV Voltage	SBK Marcy R3108	16.9	327.8	330.5	2175
2268 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	19.6	327.8	330.0	2177
2269 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	19.8	327.8	330.0	2179
2273 >E	Leeds 345kV Voltage	Ph2 DC 1500	10.3	327.8	336.3	2275
2282 >E	Buchanan South 345kV Voltage	SBK Edic R70	16.4	327.8	330.1	2153
2282 >E	Millwood 345kV Voltage	SBK Edic R70	17.4	327.8	329.6	2154
2283 >E	Ramapo 500kV Voltage	Marcy South N.	58.6	500	503.4	2560
2283 >E	Ladentown 345kV Voltage	SBK Edic R70	14.8	327.8	331.1	2155
2284 >E	Sprain Brook 345kV Voltage	SBK Edic R70	20.2	327.8	329.3	2155
2284 >E	Ladentown 345kV Voltage	SBK Princetown 345	13.8	327.8	331.1	1495
2284 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	12.3	327.8	331.5	648
2284 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	12.3	327.8	331.5	648
2284 >E	St.Lawrence 230kV Voltage	Marcy South N.	32.0	218.5	226.8	2560

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2285 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	12.4	327.8	331.5	647
2285 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	12.4	327.8	331.5	647
2285 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	14.7	327.8	328.3	2257
2285 >E	Dunwoodie 345kV Voltage	SBK Edic R70	20.3	327.8	329.2	2157
2289 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	14.8	327.8	328.0	2167
2289 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	14.5	327.8	332.6	2204
2291 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	14.9	327.8	327.9	2255
2292 >E	Gilboa 345kV Voltage	Marcy South N.	17.5	327.8	336.7	2561
2292 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	14.9	327.8	327.8	2292
2294 >E	Roseton 345kV Voltage	Ravenswood 3	14.9	327.8	331.9	2338
2294 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	14.3	327.8	332.6	2209
2296 >E	Ramapo 345kV Voltage	Volney-Marcy	14.9	327.8	327.6	2233
2298 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	16.2	327.8	332.0	2342
2298 >E	Buchanan South 345kV Voltage	SBK Princetown 345	16.0	327.8	329.2	1498
2300 >E	Roseton 345kV Voltage	SBK Marcy R3108	14.4	327.8	331.5	2217
2304 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	17.8	327.8	328.4	2275
2305 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	20.6	327.8	328.3	2276
2306 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	20.7	327.8	328.3	2277
2308 >E	Millwood 345kV Voltage	SBK Princetown 345	17.4	327.8	328.2	1500
2309 >E	Bowline 1 345kV Voltage	SBK Princetown 345	14.0	327.8	331.3	1500
2311 >E	Bowline 1 345kV Voltage	SBK Edic R70	14.9	327.8	331.2	2184
2312 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	16.9	327.8	328.4	2282
2312 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	20.3	327.8	327.9	1501
2313 >E	Bowline 2 345kV Voltage	SBK Princetown 345	13.9	327.8	331.4	1501
2314 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	20.5	327.8	327.9	1501
2315 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	18.2	327.8	327.8	2315
2315 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	21.0	327.8	327.8	2315
2315 >E	Bowline 2 345kV Voltage	SBK Edic R70	14.8	327.8	331.3	2189
2315 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	18.2	327.8	327.8	2279
2315 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	21.1	327.8	327.8	2279
2316 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	21.2	327.8	327.8	2316
2317 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	21.2	327.8	327.8	2280
2317 >E	Roseton 345kV Voltage	SBK Edic R70	14.8	327.8	330.4	2191
2317 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	18.2	327.8	327.7	2192
2318 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	21.1	327.8	327.7	2192
2319 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	21.3	327.8	327.7	2193
2320 >E	Millwood 345kV Voltage	Volney-Marcy	18.3	327.8	327.5	2254

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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2321 >E	Sprain Brook 345kV Voltage	Volney-Marcy	21.2	327.8	327.5	2255
2322 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	17.3	327.8	327.8	2322
2322 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	17.3	327.8	327.8	2285
2322 >E	Dunwoodie 345kV Voltage	Volney-Marcy	21.3	327.8	327.5	2256
2322 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	17.3	327.8	327.8	2196
2326 >E	Buchanan South 345kV Voltage	Volney-Marcy	17.3	327.8	327.5	2260
2326 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	15.5	327.8	328.4	2297
2332 >E	Roseton 345kV Voltage	SBK Princetown 345	14.5	327.8	329.4	1505
2333 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	15.7	327.8	328.0	2206
2334 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	11.8	327.8	307.9	1506
2334 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	11.8	327.8	307.9	1506
2334 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	15.7	327.8	327.8	2297
2335 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	15.8	327.8	327.8	2335
2339 >E	Ladentown 345kV Voltage	Volney-Marcy	15.8	327.8	327.6	2271
2345 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	16.5	327.8	329.3	2272
2348 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	15.3	327.8	328.4	2318
2352 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	16.5	327.8	328.9	2321
2356 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	16.7	327.8	328.6	2232
2356 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	15.7	327.8	328.4	2326
2357 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	15.6	327.8	327.8	2319
2357 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	15.6	327.8	327.8	2357
2357 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	15.6	327.8	327.8	2227
2360 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	15.6	327.8	328.4	2330
2361 >E	Roseton 345kV Voltage	Volney-Marcy	15.7	327.8	327.6	2291
2363 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	15.9	327.8	328.0	2233
2365 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	16.0	327.8	327.8	2327
2366 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	16.0	327.8	327.8	2366
2367 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	15.8	327.8	328.0	2236
2369 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	15.8	327.8	327.9	2330
2370 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	15.8	327.8	327.8	2370
2370 >E	Bowline 1 345kV Voltage	Volney-Marcy	16.0	327.8	327.5	2299
2370 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	17.1	327.8	327.8	2370
2372 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	17.2	327.8	327.7	2333
2374 >E	Bowline 2 345kV Voltage	Volney-Marcy	15.9	327.8	327.5	2302
2374 >E	Somerset 345kV Voltage	Pre-Fault	27.0	NA	338	2374
2374 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	17.2	327.8	327.5	2303

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2376 >E	Roseton 345kV Voltage	Marcy South S.	15.9	327.8	335.7	2511
2378 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	17.4	327.8	327.3	2246
2391 >E	Millwood 345kV Voltage	Marcy South S.	21.6	327.8	332.5	2516
2391 >E	Somerset 345kV Voltage	Ph2 DC 1500	18.3	327.8	337.4	2306
2397 >E	Dunwoodie 345kV Voltage	Marcy South S.	25.2	327.8	331.8	2518
2399 >E	Leeds 345kV Voltage	Ravenswood 3	14.7	327.8	327.8	2435
2399 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	14.7	327.8	327.8	2399
2399 >E	Leeds 345kV Voltage	Volney-Marcy	14.7	327.8	327.8	2325
2399 >E	Leeds 345kV Voltage	SBK Marcy R3108	14.7	327.8	327.8	2339
2399 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	14.7	327.8	327.8	2264
2399 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	14.7	327.8	327.8	2367
2399 >E	Leeds 345kV Voltage	SBK Edic R70	14.7	327.8	327.8	2278
2399 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	14.7	327.8	327.8	2359
2401 >E	Sprain Brook 345kV Voltage	Marcy South S.	25.2	327.8	331.6	2519
2421 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	18.1	327.8	324.8	1524
2440 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	21.1	327.8	337.8	711
2441 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	21.1	327.8	337.8	710
2442 >E	Rock Tavern 345kV Voltage	Marcy South S.	15.9	327.8	310.0	2533
2448 >E	Somerset 345kV Voltage	Marcy South N.	26.2	327.8	348.2	2575
2455 >E	Somerset 345kV Voltage	SBK Edic R70	21.1	327.8	335.0	2339
2461 >E	Somerset 345kV Voltage	SBK Princetown 345	20.0	327.8	334.8	1532
2476 >E	Leeds 345kV Voltage	SBK Princetown 345	16.8	327.8	322.6	1535
2485 >E	Coopers Corners 345kV Voltage	Marcy South N.	20.8	327.8	302.0	2578
2492 >E	Buchanan South 345kV Voltage	Marcy South S.	23.8	327.8	329.7	2551
2506 >E	Niagara 230kV East Voltage	SBK Edic R945	41.9	218.5	230.9	738
2506 >E	Niagara 230kV West Voltage	SBK Edic R945	41.9	218.5	230.9	738
2511 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	42.3	218.5	230.9	738
2511 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	42.3	218.5	230.9	738
2528 >E	Gardenville 230kV Voltage	SBK Edic R945	25.6	207	230.9	747
2530 >E	Buchanan North 345kV Voltage	Marcy South S.	27.1	327.8	325.0	2564
2534 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	25.9	207	230.8	747
2542 >E	Niagara 345kV Voltage	SBK Edic R945	22.2	327.8	350.7	753
2547 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	22.4	327.8	350.6	752
2556 >E	Watercure 230kV Voltage	Ph2 DC 1500	25.9	207	234.1	2349
2563 >E	Somerset 345kV Voltage	SBK Marcy R3108	25.6	327.8	331.0	2541
2597 >E	Somerset 345kV Voltage	Ravenswood 3	25.6	327.8	329.7	2618
2609 >E	Watercure 230kV Voltage	Marcy South S.	26.4	207	225.3	2591
2614 >E	Somerset 345kV Voltage	Volney-Marcy	25.7	327.8	329.1	2517
2628 >E	Coopers Corners 345kV Voltage	Marcy South S.	16.9	327.8	236.0	2598

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Interface: Central East

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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2643 >E	Somerset 345kV Voltage	Marcy South S.	28.8	327.8	334.1	2603
2644 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	26.8	327.8	328.0	2482
2648 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	26.9	327.8	327.9	2600
2649 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	27.0	327.8	327.8	2609
2650 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	27.0	327.8	327.8	2650
2699 >E	Leeds 345kV Voltage	Marcy South N.	28.1	327.8	342.5	2597
2741 >E	Ramapo 345kV Voltage	Marcy South S.	29.6	327.8	318.5	2637
2787 >E	Ladentown 345kV Voltage	Marcy South S.	30.6	327.8	319.6	2652
2799 >E	Leeds 345kV Voltage	SBK Edic R945	28.8	327.8	327.8	858
2799 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	28.8	327.8	327.8	854
2812 >E	Watercure 230kV Voltage	SBK Princetown 345	35.6	207	234.9	1605
2833 >E	Rainey 345kV Voltage	Ravenswood 3	42.7	327.8	341.0	2835
2884 >E	Farragut 345kV Voltage	Ravenswood 3	45.0	327.8	340.2	2881
2934 >E	Bowline 1 345kV Voltage	Marcy South S.	34.2	327.8	315.7	2703
2940 >E	Bowline 2 345kV Voltage	Marcy South S.	33.9	327.8	315.9	2705
2997 >E	Niagara 230kV East Voltage	Ph2 DC 1500	74.2	218.5	225.6	2466
2997 >E	Niagara 230kV West Voltage	Ph2 DC 1500	74.2	218.5	225.6	2466
3015 >E	Niagara 345kV Voltage	Ph2 DC 1500	36.0	327.8	340.3	2470
3029 >E	Rainey 345kV Voltage	Pre-Fault	65.2	NA	338	3029
3034 >E	Farragut 345kV Voltage	Pre-Fault	67.7	NA	338	3034
3083 >E	Gardenville 230kV Voltage	Marcy South N.	52.4	207	230.1	2631
3084 >E	Niagara 230kV East Voltage	Pre-Fault	137.4	NA	225	3084
3084 >E	Niagara 230kV West Voltage	Pre-Fault	137.4	NA	225	3084
3122 >E	Pleasant Valley 345kV Voltage	Marcy South N.	50.6	327.8	333.4	2635
3138 >E	Niagara 230kV East Voltage	Marcy South N.	89.3	218.5	231.3	2636
3138 >E	Niagara 230kV West Voltage	Marcy South N.	89.3	218.5	231.3	2636
3148 >E	Niagara 345kV Voltage	Pre-Fault	57.9	NA	338	3148
3174 >E	Niagara 230kV East Voltage	SBK Princetown 345	83.5	218.5	224.3	1681
3174 >E	Niagara 230kV West Voltage	SBK Princetown 345	83.5	218.5	224.3	1681
3180 >E	Niagara 345kV Voltage	SBK Princetown 345	40.0	327.8	337.4	1682
3181 >E	Niagara 230kV East Voltage	SBK Edic R70	87.1	218.5	224.3	3116
3181 >E	Niagara 230kV West Voltage	SBK Edic R70	87.1	218.5	224.3	3116
3187 >E	Niagara 345kV Voltage	SBK Edic R70	41.7	327.8	337.3	3122
3250 >E	Niagara 345kV Voltage	Marcy South N.	48.2	327.8	351.7	2646
3251 >E	Rainey 345kV Voltage	Ph2 DC 1500	48.6	327.8	334.6	2533
3270 >E	Farragut 345kV Voltage	Ph2 DC 1500	50.3	327.8	334.5	2538
3286 >E	Goethals 345kV Voltage	Ravenswood 3	61.0	327.8	338.9	3252
3287 >E	Rock Tavern 345kV Voltage	Marcy South N.	49.1	327.8	311.6	2649
3371 >E	Goethals 345kV Voltage	Pre-Fault	90.8	NA	338	3371
3443 >E	Niagara 345kV Voltage	SBK Marcy R3108	50.4	327.8	332.9	3627

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3452 >E	Niagara 230kV East Voltage	SBK Marcy R3108	106.5	218.5	222.3	3639
3452 >E	Niagara 230kV West Voltage	SBK Marcy R3108	106.5	218.5	222.3	3639
3530 >E	Niagara 345kV Voltage	Ravenswood 3	51.9	327.8	331.4	3477
3535 >E	Rainey 345kV Voltage	SBK Edic R945	61.8	327.8	343.9	1158
3542 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	62.1	327.8	343.9	1154
3554 >E	Farragut 345kV Voltage	SBK Edic R945	63.7	327.8	343.6	1166
3561 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	64.0	327.8	343.6	1162
3569 >E	Rainey 345kV Voltage	SBK Marcy R3108	61.4	327.8	329.7	3782
3575 >E	Niagara 230kV East Voltage	Ravenswood 3	111.8	218.5	221.4	3518
3575 >E	Niagara 230kV West Voltage	Ravenswood 3	111.8	218.5	221.4	3518
3597 >E	Farragut 345kV Voltage	SBK Marcy R3108	63.7	327.8	329.7	3817
3608 >E	Rainey 345kV Voltage	SBK Edic R70	62.6	327.8	329.1	3573
3630 >E	Roseton 345kV Voltage	Marcy South N.	62.1	327.8	325.8	2680
3635 >E	Farragut 345kV Voltage	SBK Edic R70	64.9	327.8	329.1	3602
3649 >E	Niagara 345kV Voltage	Volney-Marcy	55.0	327.8	329.3	3444
3649 >E	Rainey 345kV Voltage	SBK Princetown 345	63.1	327.8	328.5	1780
3655 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	63.8	327.8	328.4	3582
3672 >E	Goethals 345kV Voltage	Ph2 DC 1500	66.6	327.8	334.7	2644
3677 >E	Farragut 345kV Voltage	SBK Princetown 345	65.5	327.8	328.5	1786
3683 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	66.2	327.8	328.4	3610
3695 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	65.2	327.8	327.8	3695
3695 >E	Buchanan North 345kV Voltage	Marcy South N.	85.1	327.8	322.8	2686
3698 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	65.3	327.8	327.8	3615
3706 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	65.6	327.8	327.6	3425
3711 >E	Rainey 345kV Voltage	Volney-Marcy	65.7	327.8	327.6	3499
3724 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	67.7	327.8	327.8	3724
3726 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	57.5	327.8	328.0	3443
3727 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	67.8	327.8	327.8	3643
3735 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	68.0	327.8	327.6	3451
3735 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	57.8	327.8	327.9	3651
3737 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	57.9	327.8	327.8	3662
3739 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	57.9	327.8	327.8	3739
3741 >E	Farragut 345kV Voltage	Volney-Marcy	68.2	327.8	327.6	3526
3742 >E	Gardenville 230kV Voltage	Ph2 DC 1500	66.6	207	223.0	2662
3769 >E	Millwood 345kV Voltage	Marcy South N.	85.7	327.8	324.5	2692
3798 >E	Niagara 345kV Voltage	Marcy South S.	63.0	327.8	335.6	3001
3862 >E	Niagara 230kV East Voltage	Volney-Marcy	129.6	218.5	219.3	3634
3862 >E	Niagara 230kV West Voltage	Volney-Marcy	129.6	218.5	219.3	3634

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3890 >E	Sprain Brook 345kV Voltage	Marcy South N.	103.4	327.8	323.8	2703
3897 >E	Dunwoodie 345kV Voltage	Marcy South N.	104.2	327.8	323.8	2704
3938 >E	Buchanan South 345kV Voltage	Marcy South N.	86.9	327.8	323.3	2707
3955 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	136.1	218.5	218.7	3646
3955 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	136.1	218.5	218.7	3646
3971 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	137.0	218.5	218.5	3879
3971 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	137.0	218.5	218.5	3879
3974 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	137.2	218.5	218.5	3891
3974 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	137.2	218.5	218.5	3891
3977 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	137.4	218.5	218.5	3977
3977 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	137.4	218.5	218.5	3977
3977 >E	Gardenville 230kV Voltage	SBK Princetown 345	76.0	207	221.5	1848
4059 >E	Goethals 345kV Voltage	SBK Edic R945	84.2	327.8	343.6	1372
4068 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	84.5	327.8	343.5	1366
4091 >E	Ramapo 345kV Voltage	Marcy South N.	85.0	327.8	319.4	2721
4126 >E	Rainey 345kV Voltage	Marcy South S.	80.8	327.8	335.3	3115
4151 >E	Goethals 345kV Voltage	SBK Marcy R3108	86.0	327.8	329.4	4501
4161 >E	Farragut 345kV Voltage	Marcy South S.	83.7	327.8	335.2	3127
4182 >E	Goethals 345kV Voltage	SBK Edic R70	86.9	327.8	329.1	4187
4233 >E	Goethals 345kV Voltage	SBK Princetown 345	87.9	327.8	328.5	1902
4238 >E	Niagara 230kV East Voltage	Marcy South S.	155.1	218.5	223.6	3153
4238 >E	Niagara 230kV West Voltage	Marcy South S.	155.1	218.5	223.6	3153
4244 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	88.8	327.8	328.4	4152
4297 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	90.8	327.8	327.8	4297
4301 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	90.9	327.8	327.8	4198
4311 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	91.3	327.8	327.6	3963
4318 >E	Goethals 345kV Voltage	Volney-Marcy	91.5	327.8	327.6	4043
4367 >E	Gardenville 230kV Voltage	SBK Edic R70	91.4	207	219.1	4385
4412 >E	Ladentown 345kV Voltage	Marcy South N.	93.5	327.8	319.0	2749
4696 >E	Gardenville 230kV Voltage	Pre-Fault	160.1	NA	217	4696
4836 >E	Bowline 1 345kV Voltage	Marcy South N.	103.5	327.8	314.8	2787
4863 >E	Bowline 2 345kV Voltage	Marcy South N.	102.9	327.8	318.5	2789
4874 >E	Goethals 345kV Voltage	Marcy South S.	112.5	327.8	335.3	3373
5137 >E	Gardenville 230kV Voltage	SBK Marcy R3108	120.4	207	214.2	5718
5238 >E	Watercure 230kV Voltage	SBK Edic R70	136.8	207	242.0	5318
5318 >E	Gardenville 230kV Voltage	Marcy South S.	132.6	207	225.8	3526
5435 >E	Gardenville 230kV Voltage	Ravenswood 3	129.0	207	212.4	5231
5789 >E	Gardenville 230kV Voltage	Volney-Marcy	141.9	207	210.2	5359

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Interface: Central East

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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6111 >E	Gardenville 230kV Voltage	361-362 D1b Ckt Twr 345	153.7	207	208.2	5562
6244 >E	Gardenville 230kV Voltage	Princeton-N.Scot 345	158.3	207	207.3	6076
6250 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	158.5	207	207.3	6095
6297 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	160.1	207	207.0	6297
6332 >E	Northport 138kV Voltage	Pre-Fault	495.1	NA	135	6332
6915 >E	Northport 138kV Voltage	Ph2 DC 1500	389.5	131.1	133.8	3498
7116 >E	Northport 138kV Voltage	Ravenswood 3	414.3	131.1	133.4	6779
7899 >E	Northport 138kV Voltage	SBK Marcy R3108	468.0	131.1	131.8	9125
8044 >E	Northport 138kV Voltage	SBK Edic R70	478.9	131.1	131.5	8322
8138 >E	Northport 138kV Voltage	N.Scot-Leeds 345	485.5	131.1	131.4	7922
8177 >E	Northport 138kV Voltage	SBK Princetown 345	487.6	131.1	131.3	2724
8262 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	495.1	131.1	131.1	8262
8272 >E	Northport 138kV Voltage	Princeton-N.Scot 345	495.8	131.1	131.1	8037
8301 >E	Northport 138kV Voltage	361-362 D1b Ckt Twr 345	498.0	131.1	131.0	7507
8317 >E	Northport 138kV Voltage	Volney-Marcy	499.1	131.1	131.0	7621
8541 >E	Northport 138kV Voltage	SBK Edic R945	521.5	131.1	137.5	3201
8562 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	523.2	131.1	137.5	3180
9453 >E	Northport 138kV Voltage	Marcy South S.	588.3	131.1	134.4	4953
10754 >E	Rainey 345kV Voltage	Marcy South N.	324.1	327.8	324.2	3313
10837 >E	Farragut 345kV Voltage	Marcy South N.	333.9	327.8	324.4	3320
13656 >E	Goethals 345kV Voltage	Marcy South N.	447.6	327.8	325.1	3570
27921 >E	Watercure 230kV Voltage	Ravenswood 3	1054.3	207	309.2	25938
35342 >E	Watercure 230kV Voltage	Volney-Marcy	1348.9	207	331.1	31808
36642 >E	Northport 138kV Voltage	Marcy South N.	2728.8	131.1	128.4	5612
38478 >E	Watercure 230kV Voltage	SBK Marcy R3108	1498.4	207	340.4	46857
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princeton-N.Scot 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

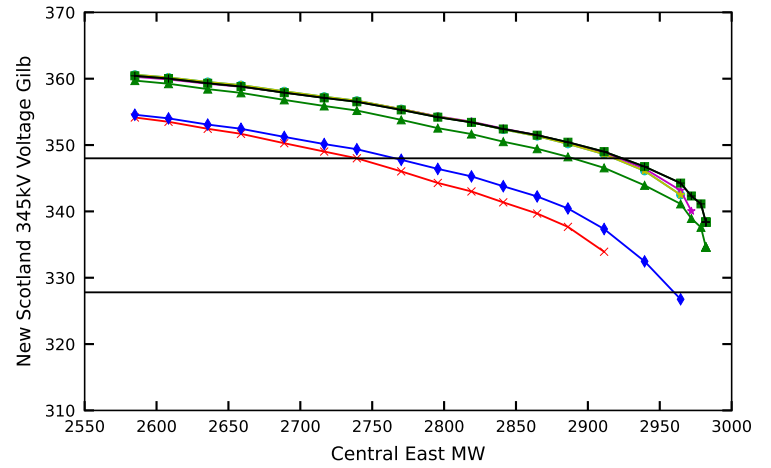
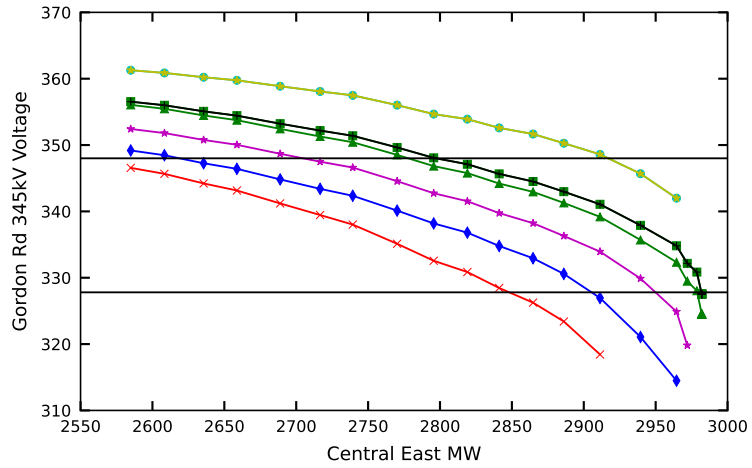
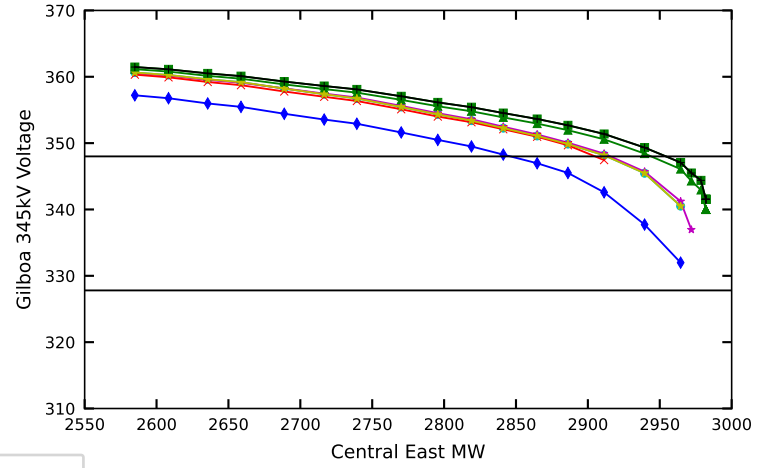
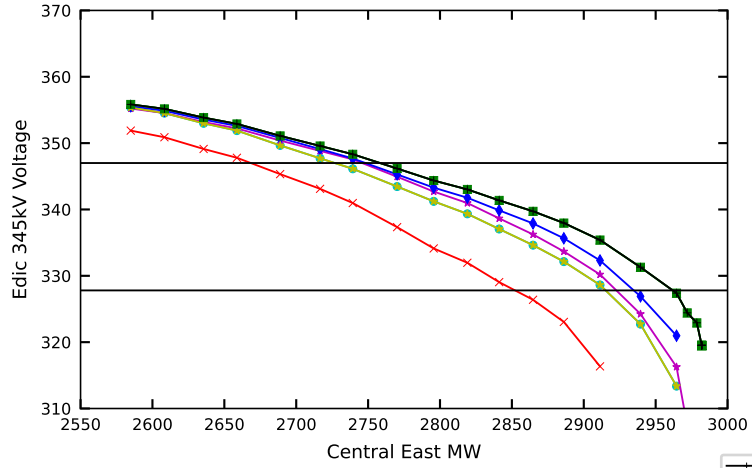
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1: 2023S CEVC PH2 CE1710 MS2270 DE1420 50 18_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
>E						
99998	Watercure 230kV Voltage	361-362 D1b Ckt Twr	NA	207	NA	99998
>E		345				

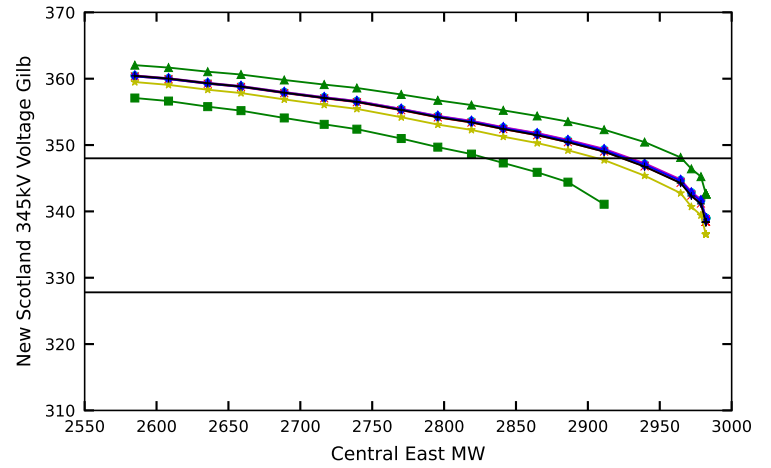
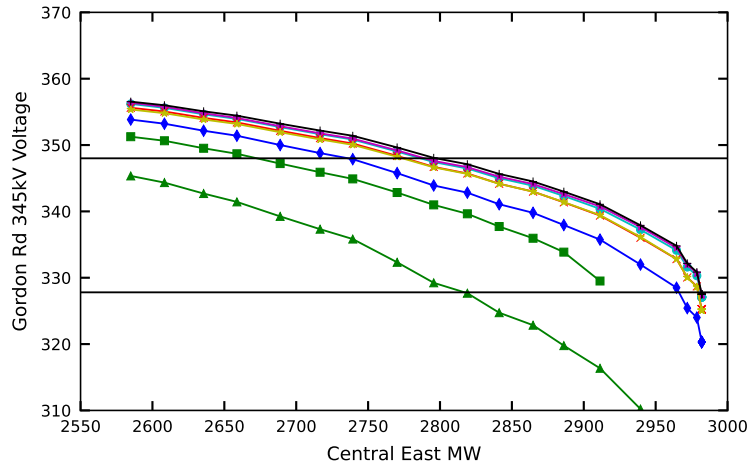
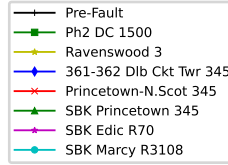
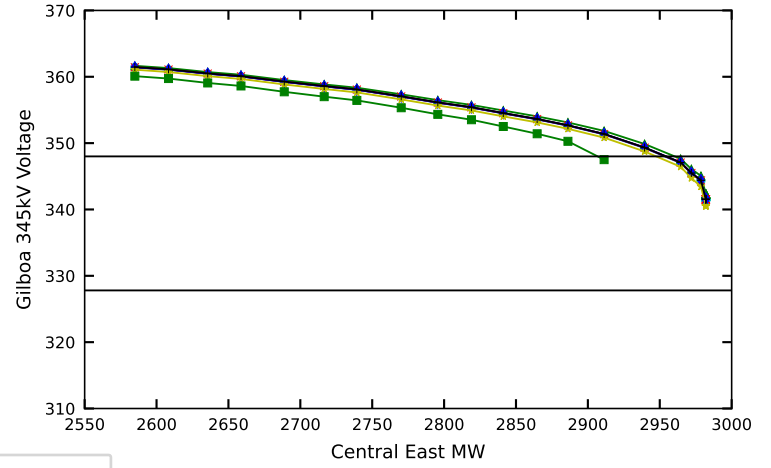
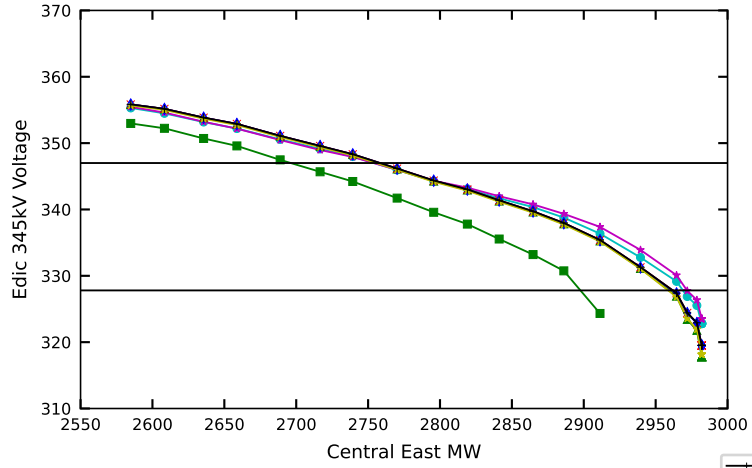
Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS Figure 1

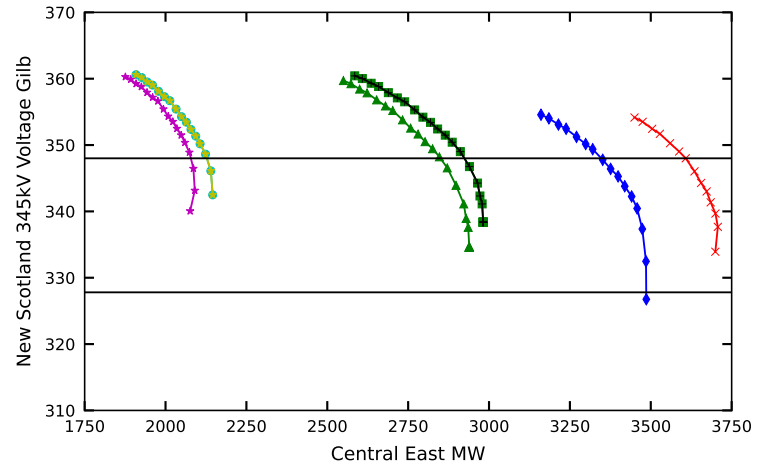
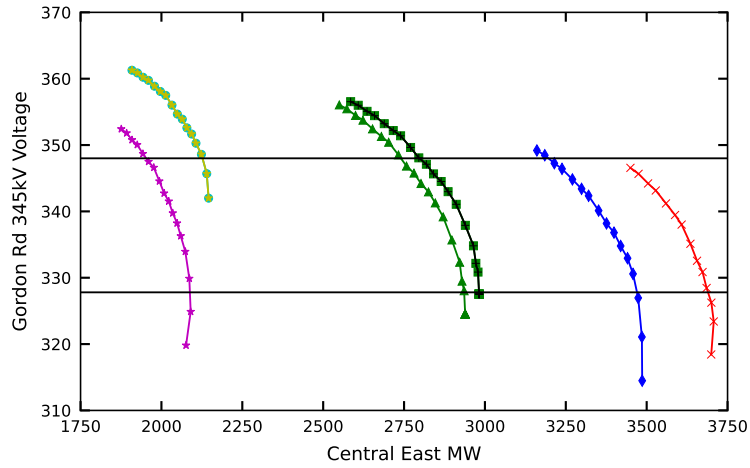
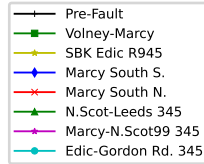
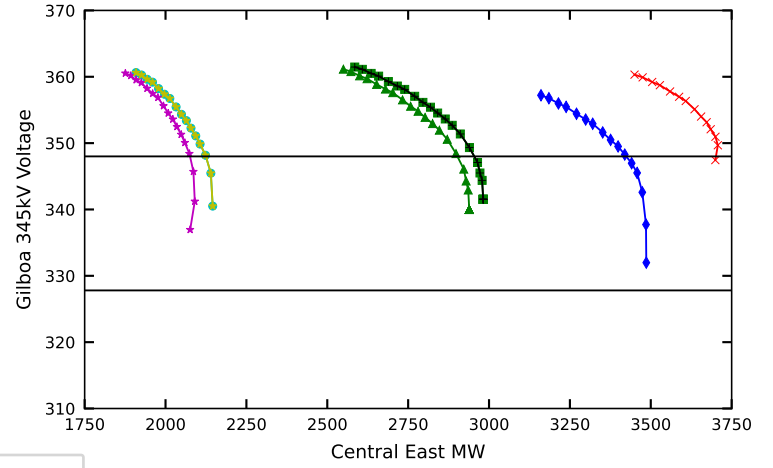
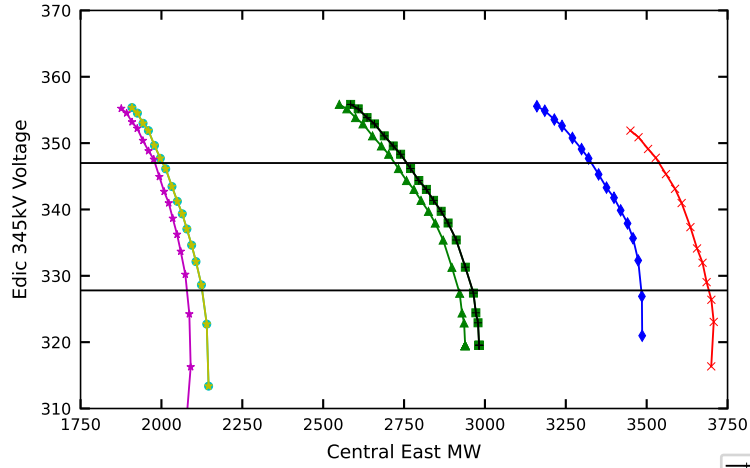


- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

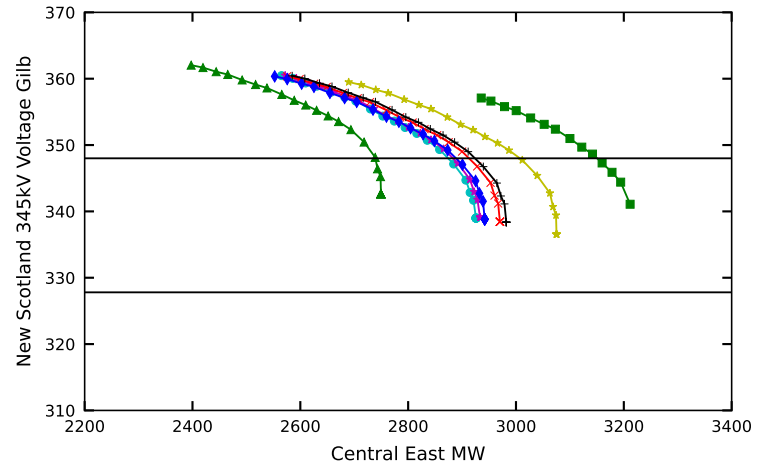
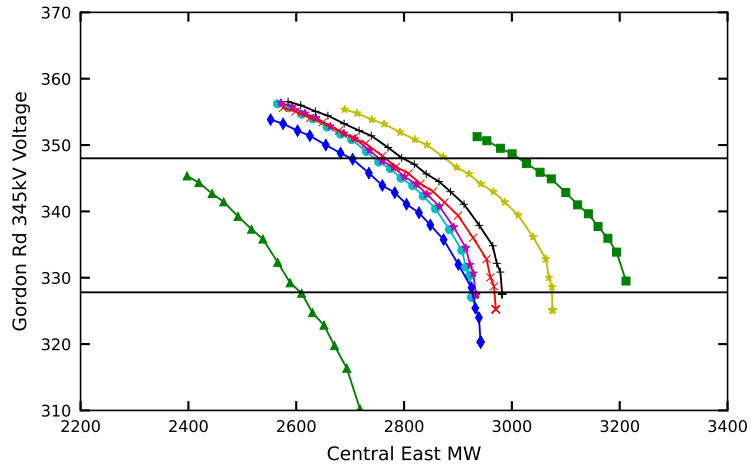
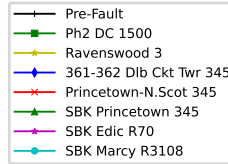
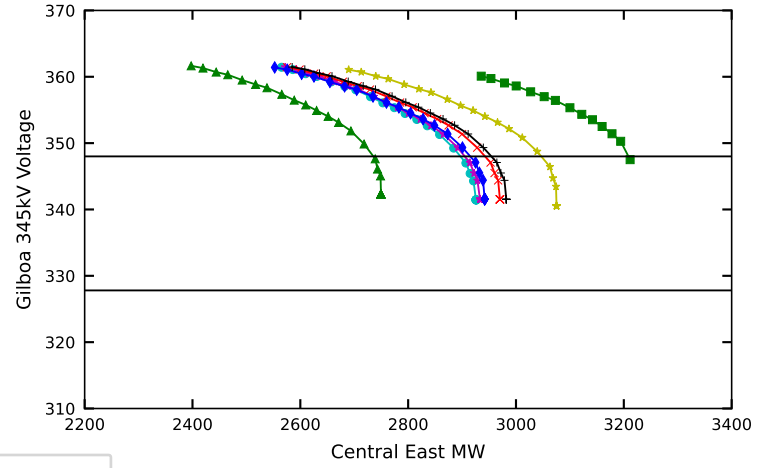
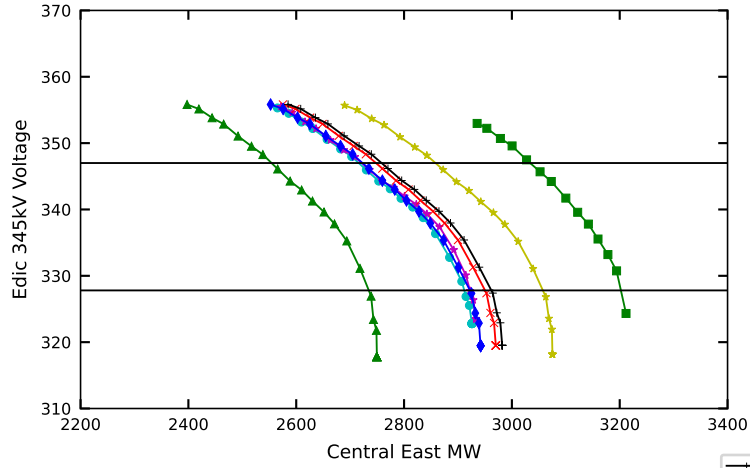
1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS Figure 2



1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS Figure 1



1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2588	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2611	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2636	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2659	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2690	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2717	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2739	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2773	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2798	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2820	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2843	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2865	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2889	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2912	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2937	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	5															
2948	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	6															
2960	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	7															
2965	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	8															
2966	t1	0	0	0	0	2	1	0	0	0	0	0	0	0	0	2
	9															
2970	t2	0	1	0	0	2	1	1	0	0	0	0	0	0	0	2
	0															
2972	t2	0	2	1	0	2	2	2	0	0	0	0	0	0	0	2
	1															
2974	t2	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	2															
2976	t2	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	3															
2978	t2	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	4															
2978	t2	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 5O 19_OS

Interface: Central East

Twr 345																								
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																								
wood 3																								
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2
Ph2 DC																								
1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2492 <E	Dunwoodie 345kV Voltage	Pre-Fault	102.9	NA	348	2492
2503 <E	Sprain Brook 345kV Voltage	Pre-Fault	103.1	NA	348	2503
2702	Marcy 345kV Voltage	Pre-Fault	15.4	NA	348	2702
2717	Edic 345kV Voltage	Pre-Fault	15.6	NA	347	2717
2744	limit with 5% margin	Marcy South N.	NA	NA	NA	3514
2767	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3050
2774	Gordon Rd 345kV Voltage	Pre-Fault	22.1	NA	348	2774
2788	Gordon Rd 345kV Voltage	SBK Princetown 345	12.9	327.8	347.4	2581
2791	Millwood 345kV Voltage	Pre-Fault	106.1	NA	348	2791
2800	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1983
2812	limit with 5% margin	Marcy South S.	NA	NA	NA	3308
2816	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2035
2816	limit with 5% margin	SBK Edic R945	NA	NA	NA	2035
2829	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2609
2829	limit with 5% margin	Ravenswood 3	NA	NA	NA	2918
2829	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2788
2829	limit with 5% margin	Volney-Marcy	NA	NA	NA	2829
2829	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2776
2829	limit with 5% margin	SBK Edic R70	NA	NA	NA	2783
2829	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2818
2829	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2791
2840	Gordon Rd 345kV Voltage	Marcy South N.	11.6	327.8	344.6	3687
2842	Edic 345kV Voltage	Marcy South N.	9.5	327.8	338.5	3688
2842	Marcy 345kV Voltage	Marcy South N.	9.4	327.8	338.4	3689
2874	Buchanan North 345kV Voltage	Pre-Fault	56.5	NA	346	2874
2878	Oakdale 345kV Voltage	Marcy South N.	5.8	320	341.2	3699
2878	Edic 345kV Voltage	Ph2 DC 1500	5.1	327.8	335.5	3188
2879	Marcy 345kV Voltage	Ph2 DC 1500	5.0	327.8	335.3	3188
2888	Gordon Rd 345kV Voltage	Marcy South S.	7.8	327.8	341.3	3451
2893	Marcy 345kV Voltage	SBK Edic R945	7.1	327.8	334.0	2112
2893	Marcy 345kV Voltage	Edic-Gordon Rd. 345	7.1	327.8	334.0	2112
2898	Edic 345kV Voltage	SBK Edic R945	7.3	327.8	333.6	2116
2898	Edic 345kV Voltage	Edic-Gordon Rd. 345	7.3	327.8	333.6	2116
2906	Station 80 345kV Voltage	Pre-Fault	27.4	NA	346	2906
2908	Edic 345kV Voltage	Marcy-N.Scot99 345	7.2	327.8	332.6	2070
2910	New Scotland 345kV Voltage Alps	Pre-Fault	17.2	NA	348	2910
2910	New Scotland 345kV Voltage Gilb	Pre-Fault	17.2	NA	348	2910
2913	Marcy 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	332.0	2073
2915	Pannell Road 345kV Voltage	Pre-Fault	33.2	NA	346	2915
2919	Edic 345kV Voltage	Marcy South S.	7.5	327.8	331.5	3468

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2919	Marcy 345kV Voltage	Marcy South S.	7.4	327.8	331.3	3469
2931 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	12.7	327.8	337.9	3222
2931	Oakdale 345kV Voltage	Pre-Fault	7.4	NA	335	2931
2938	Fraser 345kV Voltage	Pre-Fault	5.7	NA	338	2938
2938	Clay 345kV Voltage	Pre-Fault	11.2	NA	345	2938
2939	Rock Tavern 345kV Voltage	Pre-Fault	12.9	NA	348	2939
2940	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	339.1	2140
2940	Coopers Corners 345kV Voltage	SBK Edic R945	3.4	327.8	339.1	2140
2943	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	338.7	2087
2945	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.8	327.8	336.8	2142
2945	Fraser 345kV Voltage	SBK Edic R945	2.7	327.8	336.8	2142
2945	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	336.1	2087
2946	Gilboa 345kV Voltage	Pre-Fault	9.9	NA	348	2946
2947	Edic 345kV Voltage	Ravenswood 3	5.9	327.8	328.1	3047
2947	Marcy 345kV Voltage	SBK Princetown 345	5.8	327.8	327.9	2724
2947	Marcy 345kV Voltage	Ravenswood 3	5.9	327.8	327.9	3047
2947	Edic 345kV Voltage	SBK Princetown 345	5.8	327.8	328.1	2724
2948	Coopers Corners 345kV Voltage	Pre-Fault	7.3	NA	338	2948
2948	Marcy 345kV Voltage	Volney-Marcy	8.2	327.8	327.8	2948
2948	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	8.2	327.8	327.8	2909
2948	Marcy 345kV Voltage	N.Scot-Leeds 345	8.2	327.8	327.8	2906
2948	Marcy 345kV Voltage	SBK Edic R70	8.2	327.8	327.8	2898
2948	Marcy 345kV Voltage	SBK Marcy R3108	8.2	327.8	327.8	2891
2948	Marcy 345kV Voltage	Princetown-N.Scot 345	8.2	327.8	327.8	2936
2949 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.1	327.8	336.2	2088
2949	Oakdale 345kV Voltage	SBK Edic R945	2.5	320	331.8	2142
2949	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.5	320	331.8	2142
2949	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	8.3	327.8	327.8	2910
2949	Edic 345kV Voltage	N.Scot-Leeds 345	8.3	327.8	327.8	2907
2950	Edic 345kV Voltage	Princetown-N.Scot 345	8.3	327.8	327.8	2938
2950	Edic 345kV Voltage	Volney-Marcy	8.3	327.8	327.8	2950
2952	Pleasant Valley 345kV Voltage	Pre-Fault	24.1	NA	348	2952
2953 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.1	320	331.0	2088
2955	New Scotland 345kV Voltage Alps	Marcy South S.	5.1	327.8	344.5	3481
2955	New Scotland 345kV Voltage Gilb	Marcy South S.	5.1	327.8	344.5	3481
2956 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.4	327.8	345.8	3701
2956 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.4	327.8	345.8	3701
2957 >E	Clay 345kV Voltage	Marcy South N.	7.7	327.8	345.0	3701
2962	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr	5.0	327.8	334.2	2922

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
2962	Buchanan South 345kV Voltage	Pre-Fault	21.4	NA	346	2962
2962	Edic 345kV Voltage	SBK Marcy R3108	9.5	327.8	326.2	2904
2966	Edic 345kV Voltage	SBK Edic R70	1.9	327.8	325.2	2915
2975	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	2.2	327.8	330.6	2932
2976	Gordon Rd 345kV Voltage	Ravenswood 3	1.8	327.8	330.1	3071
2976	Gordon Rd 345kV Voltage	Princeton-N.Scot 345	2.0	327.8	330.0	2965
2977	Ramapo 500kV Voltage	Ravenswood 3	0.9	500	505.2	3071
2978	Ramapo 345kV Voltage	Pre-Fault	0.5	NA	346	2978
2978	St.Lawrence 230kV Voltage	Pre-Fault	0.3	NA	225	2978
2978	Gordon Rd 345kV Voltage	SBK Marcy R3108	0.1	327.8	328.3	2921
2978	Gordon Rd 345kV Voltage	SBK Edic R70	0.1	327.8	327.9	2929
2978	Gordon Rd 345kV Voltage	Volney-Marcy	0.1	327.8	327.8	2978
2978 >E	Fraser 345kV Voltage	SBK Marcy R3108	0.1	327.8	327.8	2922
2978 >E	Fraser 345kV Voltage	SBK Edic R70	0.1	327.8	327.8	2930
2978 >E	Fraser 345kV Voltage	Princeton-N.Scot 345	0.1	327.8	327.8	2966
2978 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	0.1	327.8	327.8	2935
2978 >E	Fraser 345kV Voltage	Volney-Marcy	0.1	327.8	327.8	2978
2978 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	0.1	327.8	327.8	2938
2978 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	0.2	327.8	328.6	2935
2978 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	0.2	327.8	328.1	2938
2978 >E	Ladentown 345kV Voltage	Pre-Fault	0.5	NA	346	2978
2978 >E	Coopers Corners 345kV Voltage	Princeton-N.Scot 345	0.2	327.8	327.9	2966
2978 >E	Coopers Corners 345kV Voltage	Volney-Marcy	0.2	327.8	327.8	2978
2978 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	0.1	320	320.3	2938
2978 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	0.1	320	320.2	2935
2978 >E	Oakdale 345kV Voltage	Princeton-N.Scot 345	0.1	320	320.1	2967
2978 >E	Oakdale 345kV Voltage	Volney-Marcy	0.1	320	320.0	2978
2979 >E	Coopers Corners 345kV Voltage	Ravenswood 3	1.7	327.8	331.9	3072
2979 >E	Leeds 345kV Voltage	Pre-Fault	0.2	NA	345	2979
2979 >E	Oakdale 345kV Voltage	SBK Marcy R3108	0.2	320	319.7	2928
2979 >E	Oakdale 345kV Voltage	SBK Edic R70	0.2	320	319.2	2937
2979 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	0.1	327.8	332.0	2935
2979 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	0.1	327.8	332.0	2935
2979 >E	Coopers Corners 345kV Voltage	SBK Edic R70	0.2	327.8	325.7	2939
2979 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	0.2	327.8	325.6	2930
2979 >E	Roseton 345kV Voltage	Pre-Fault	0.4	NA	345	2979
2979 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	0.1	327.8	327.8	2979

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2979 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	0.1	327.8	327.8	2979
2979 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	0.1	327.8	327.7	2967
2979 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	0.1	327.8	327.7	2967
2979 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	0.1	327.8	327.2	2939
2979 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	0.1	327.8	327.2	2939
2979 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	0.1	327.8	326.7	2936
2979 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	0.1	327.8	326.7	2936
2979 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	0.1	327.8	329.7	2935
2979 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	0.1	327.8	326.6	2946
2979 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	0.1	327.8	326.6	2946
2980 >E	Gilboa 345kV Voltage	Volney-Marcy	0.1	327.8	327.8	2980
2980 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	0.1	327.8	327.8	2968
2980 >E	Gilboa 345kV Voltage	SBK Marcy R3108	0.1	327.8	327.7	2938
2980 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	0.1	327.8	327.7	2939
2980 >E	St.Lawrence 230kV Voltage	Volney-Marcy	0.3	218.5	218.5	2980
2980 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	0.3	218.5	218.5	2968
2980 >E	Gilboa 345kV Voltage	SBK Edic R70	0.1	327.8	327.7	2948
2980 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	0.3	218.5	218.5	2939
2980 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	0.3	218.5	218.4	2935
2980 >E	Bowline 1 345kV Voltage	Pre-Fault	0.5	NA	345	2980
2980 >E	Bowline 2 345kV Voltage	Pre-Fault	0.5	NA	345	2980
2980 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	0.2	327.8	327.9	2939
2980 >E	Clay 345kV Voltage	N.Scot-Leeds 345	0.2	327.8	327.9	2935
2980 >E	Clay 345kV Voltage	Princetown-N.Scot 345	0.2	327.8	327.8	2968
2980 >E	Clay 345kV Voltage	Volney-Marcy	0.2	327.8	327.8	2980
2980 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	0.4	218.5	217.3	2941
2980 >E	St.Lawrence 230kV Voltage	SBK Edic R70	0.4	218.5	217.1	2953
2981 >E	Fraser 345kV Voltage	Ravenswood 3	1.7	327.8	327.8	3072
2981 >E	Fraser 345kV Voltage	SBK Princetown 345	1.7	327.8	327.8	2748
2981 >E	Gilboa 345kV Voltage	Marcy South S.	5.1	327.8	345.3	3484
2981 >E	Ramapo 500kV Voltage	SBK Princetown 345	0.9	500	500.4	2749
2981 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	0.9	500	500.5	2936
2982 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	0.2	327.8	327.8	2940
2982 >E	Leeds 345kV Voltage	Volney-Marcy	0.2	327.8	327.8	2982
2982 >E	Leeds 345kV Voltage	SBK Marcy R3108	0.2	327.8	327.8	2954

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2982 >E	Leeds 345kV Voltage	SBK Edic R70	0.2	327.8	327.8	2967
2982 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	0.2	327.8	327.8	2969
2982 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	0.2	327.8	327.8	2936
2982 >E	Clay 345kV Voltage	SBK Marcy R3108	0.3	327.8	318.6	2955
2982 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	0.9	500	500.1	2940
2982 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	0.9	500	500.0	2969
2982 >E	Ramapo 500kV Voltage	Pre-Fault	0.9	NA	500	2982
2982 >E	Ramapo 500kV Voltage	Volney-Marcy	0.9	500	500.0	2982
2982 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	1.6	327.8	329.8	2749
2982 >E	Clay 345kV Voltage	SBK Edic R70	0.3	327.8	316.4	2972
2982 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	0.3	327.8	327.9	2940
2982 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	0.3	327.8	327.8	2936
2982 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	0.3	327.8	327.8	2970
2982 >E	Pannell Road 345kV Voltage	Volney-Marcy	0.3	327.8	327.8	2982
2982 >E	Ramapo 500kV Voltage	SBK Marcy R3108	0.9	500	499.7	2960
2982 >E	Ramapo 500kV Voltage	SBK Edic R70	1.0	500	499.6	2973
2983 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	0.3	327.8	328.9	2936
2983 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	0.3	327.8	327.8	2940
2983 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	0.3	327.8	327.8	2936
2983 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	0.3	327.8	327.8	2970
2983 >E	Station 80 345kV Voltage	Volney-Marcy	0.3	327.8	327.8	2983
2983 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	0.3	327.8	327.9	2941
2983 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	0.3	327.8	327.8	2970
2983 >E	Rock Tavern 345kV Voltage	Volney-Marcy	0.3	327.8	327.8	2983
2983 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	0.3	327.8	326.7	2969
2983 >E	Rock Tavern 345kV Voltage	SBK Edic R70	0.3	327.8	326.7	2984
2984 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	0.3	327.8	328.8	2936
2984 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	0.4	327.8	327.8	2984
2984 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	0.4	327.8	327.8	2971
2984 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	0.4	327.8	327.6	2941
2984 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	0.4	327.8	327.4	2977
2984 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	0.4	327.8	327.4	2993
2985 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	0.5	327.8	328.8	2937
2985 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	0.5	327.8	319.2	2982
2985 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	0.6	327.8	328.6	2937
2985 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	0.6	327.8	328.6	2937

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2985 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	0.5	327.8	328.7	2937
2985 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	0.6	327.8	327.8	2972
2985 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	0.6	327.8	327.8	2942
2985 >E	Buchanan North 345kV Voltage	Volney-Marcy	0.6	327.8	327.8	2985
2985 >E	Station 80 345kV Voltage	SBK Marcy R3108	0.5	327.8	320.2	2986
2985 >E	Pannell Road 345kV Voltage	SBK Edic R70	0.5	327.8	317.4	3005
2986 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	0.6	327.8	327.3	2988
2986 >E	Sprain Brook 345kV Voltage	Volney-Marcy	0.6	327.8	327.8	2986
2986 >E	Buchanan North 345kV Voltage	SBK Edic R70	0.6	327.8	327.3	3006
2986 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	0.6	327.8	327.8	2972
2986 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	0.6	327.8	327.7	2942
2986 >E	Dunwoodie 345kV Voltage	Volney-Marcy	0.6	327.8	327.8	2986
2986 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	0.6	327.8	327.8	2972
2986 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	0.6	327.8	327.7	2942
2986 >E	Millwood 345kV Voltage	Volney-Marcy	0.5	327.8	327.8	2986
2986 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	0.5	327.8	327.8	2972
2986 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	0.6	327.8	327.5	2990
2986 >E	Sprain Brook 345kV Voltage	SBK Edic R70	0.6	327.8	327.4	3009
2986 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	0.5	327.8	327.7	2942
2986 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	0.6	327.8	327.5	2990
2986 >E	Station 80 345kV Voltage	SBK Edic R70	0.5	327.8	318.7	3009
2986 >E	Dunwoodie 345kV Voltage	SBK Edic R70	0.6	327.8	327.5	3009
2986 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	0.5	327.8	328.8	2937
2986 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	328.7	2937
2986 >E	Millwood 345kV Voltage	SBK Marcy R3108	0.5	327.8	327.4	2992
2986 >E	Millwood 345kV Voltage	SBK Edic R70	0.5	327.8	327.4	3011
2986 >E	Oakdale 345kV Voltage	Ravenswood 3	2.1	320	322.6	3073
2986 >E	Somerset 345kV Voltage	Pre-Fault	0.6	NA	338	2986
2986 >E	Roseton 345kV Voltage	Volney-Marcy	0.4	327.8	327.8	2986
2986 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	0.4	327.8	327.8	2973
2986 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	0.4	327.8	327.8	2942
2986 >E	Buchanan South 345kV Voltage	Volney-Marcy	0.5	327.8	327.8	2986
2986 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	0.5	327.8	327.8	2973
2986 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	0.5	327.8	327.8	2942
2986 >E	Roseton 345kV Voltage	SBK Marcy R3108	0.4	327.8	327.3	2996

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2986 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	0.5	327.8	329.0	2937
2986 >E	Roseton 345kV Voltage	SBK Edic R70	0.4	327.8	327.3	3015
2987 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	0.5	327.8	327.3	2998
2987 >E	Buchanan South 345kV Voltage	SBK Edic R70	0.5	327.8	327.3	3018
2987 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	0.5	327.8	327.8	2943
2987 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	0.5	327.8	327.8	2974
2987 >E	Ramapo 345kV Voltage	Volney-Marcy	0.5	327.8	327.8	2987
2987 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	0.5	327.8	329.1	2938
2987 >E	Oakdale 345kV Voltage	SBK Princeton 345	2.2	320	322.0	2752
2987 >E	Ramapo 345kV Voltage	SBK Marcy R3108	0.5	327.8	327.2	3004
2987 >E	Ramapo 345kV Voltage	SBK Edic R70	0.5	327.8	327.1	3025
2988 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	0.5	327.8	327.8	2974
2988 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	0.5	327.8	327.8	2943
2988 >E	Ladentown 345kV Voltage	Volney-Marcy	0.5	327.8	327.8	2988
2988 >E	Clay 345kV Voltage	SBK Edic R945	4.1	327.8	342.3	2143
2988 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	0.5	327.8	329.2	2938
2988 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	0.5	327.8	329.2	2938
2988 >E	Ladentown 345kV Voltage	SBK Marcy R3108	0.5	327.8	327.2	3010
2988 >E	Ladentown 345kV Voltage	SBK Edic R70	0.5	327.8	327.2	3032
2989 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	342.3	2144
2989 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	0.5	327.8	327.8	2975
2989 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	0.5	327.8	327.8	2943
2989 >E	Bowline 1 345kV Voltage	Volney-Marcy	0.5	327.8	327.8	2989
2989 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	0.5	327.8	327.8	2975
2989 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	0.5	327.8	327.8	2944
2989 >E	Bowline 2 345kV Voltage	Volney-Marcy	0.5	327.8	327.8	2989
2989 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	0.5	327.8	327.2	3018
2989 >E	Bowline 1 345kV Voltage	SBK Edic R70	0.5	327.8	327.1	3041
2989 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	0.5	327.8	327.2	3019
2989 >E	Bowline 2 345kV Voltage	SBK Edic R70	0.5	327.8	327.1	3042
2990 >E	Dunwoodie 345kV Voltage	Ravenswood 3	2.3	327.8	334.9	3074
2991 >E	Sprain Brook 345kV Voltage	Ravenswood 3	2.4	327.8	334.9	3074
2993 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	0.6	327.8	327.8	2946
2993 >E	Somerset 345kV Voltage	Princeton-N.Scot 345	0.6	327.8	327.8	2978
2993 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	0.6	327.8	327.8	2939
2993 >E	Somerset 345kV Voltage	Volney-Marcy	0.6	327.8	327.8	2993

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2997 >E	Buchanan North 345kV Voltage	Ravenswood 3	2.6	327.8	333.9	3076
2998 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	1.9	327.8	330.2	3076
2998 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	1.9	327.8	330.2	3076
2999 >E	Fraser 345kV Voltage	Marcy South S.	6.1	327.8	329.4	3486
3001 >E	Somerset 345kV Voltage	SBK Marcy R3108	1.0	327.8	315.8	3117
3001 >E	Niagara 230kV East Voltage	Pre-Fault	3.0	NA	225	3001
3001 >E	Niagara 230kV West Voltage	Pre-Fault	3.0	NA	225	3001
3002 >E	Somerset 345kV Voltage	SBK Edic R70	1.0	327.8	313.7	3169
3002 >E	Millwood 345kV Voltage	Ravenswood 3	3.0	327.8	334.3	3077
3003 >E	St.Lawrence 230kV Voltage	SBK Edic R945	8.0	218.5	225.9	2144
3004 >E	Rock Tavern 345kV Voltage	Ravenswood 3	2.2	327.8	331.7	3077
3004 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	8.1	218.5	225.9	2144
3004 >E	Gilboa 345kV Voltage	Ravenswood 3	1.8	327.8	329.1	3077
3004 >E	Niagara 345kV Voltage	Pre-Fault	1.4	NA	338	3004
3005 >E	Oakdale 345kV Voltage	Ph2 DC 1500	8.1	320	326.5	3266
3007 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	2.3	327.8	327.4	2762
3007 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	5.1	327.8	338.8	2098
3008 >E	St.Lawrence 230kV Voltage	Ravenswood 3	5.0	218.5	221.4	3078
3009 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	2.4	327.8	327.4	2763
3009 >E	Clay 345kV Voltage	Ravenswood 3	2.7	327.8	331.7	3078
3010 >E	Gilboa 345kV Voltage	SBK Princetown 345	2.0	327.8	326.2	2764
3010 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	2.0	327.8	324.0	2764
3010 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	2.0	327.8	324.0	2764
3011 >E	Buchanan South 345kV Voltage	Ravenswood 3	3.3	327.8	334.0	3079
3012 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	2.2	327.8	327.9	2765
3013 >E	Clay 345kV Voltage	SBK Princetown 345	2.9	327.8	330.8	2765
3014 >E	Gilboa 345kV Voltage	SBK Edic R945	4.3	327.8	342.0	2144
3014 >E	Buchanan North 345kV Voltage	SBK Princetown 345	2.6	327.8	327.5	2766
3014 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	341.9	2144
3018 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	1.3	327.8	327.8	2959
3018 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	1.4	327.8	327.8	2999
3018 >E	Niagara 345kV Voltage	Volney-Marcy	1.4	327.8	327.8	3018
3018 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	1.4	327.8	327.8	2947
3018 >E	Rainey 345kV Voltage	Pre-Fault	2.7	NA	338	3018
3019 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	6.1	218.5	219.9	2769
3019 >E	Farragut 345kV Voltage	Pre-Fault	2.8	NA	338	3019
3020 >E	Pannell Road 345kV Voltage	Ravenswood 3	3.1	327.8	331.0	3081
3021 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	3.0	218.5	218.5	2960
3021 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr	3.0	218.5	218.5	2960

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3021 >E	Ramapo 500kV Voltage	SBK Edic R945	15.6	500	505.7	2145
3021 >E	Niagara 230kV East Voltage	Princeton-N.Scot 345	3.0	218.5	218.5	3001
3021 >E	Niagara 230kV West Voltage	Princeton-N.Scot 345	3.0	218.5	218.5	3001
3021 >E	Niagara 230kV East Voltage	Volney-Marcy	3.0	218.5	218.5	3021
3021 >E	Niagara 230kV West Voltage	Volney-Marcy	3.0	218.5	218.5	3021
3021 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	3.0	218.5	218.5	2948
3021 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	3.0	218.5	218.5	2948
3022 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	15.8	500	505.7	2145
3023 >E	Gordon Rd 345kV Voltage	SBK Edic R945	4.5	327.8	324.0	2145
3023 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	323.9	2145
3023 >E	Millwood 345kV Voltage	SBK Princeton 345	3.0	327.8	327.2	2771
3025 >E	Pannell Road 345kV Voltage	SBK Princeton 345	3.3	327.8	329.8	2772
3025 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	3.3	327.8	331.3	3082
3026 >E	Oakdale 345kV Voltage	Marcy South S.	5.8	320	320.1	3489
3029 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	17.8	500	505.4	2102
3030 >E	Leeds 345kV Voltage	SBK Princeton 345	2.4	327.8	327.8	2775
3030 >E	Leeds 345kV Voltage	Ravenswood 3	2.4	327.8	327.8	3083
3032 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	5.4	327.8	339.3	2102
3032 >E	Buchanan South 345kV Voltage	SBK Princeton 345	3.3	327.8	327.2	2776
3034 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	6.3	327.8	336.1	2102
3035 >E	Pannell Road 345kV Voltage	Marcy South N.	12.3	327.8	342.8	3704
3036 >E	Ladentown 345kV Voltage	Ravenswood 3	4.2	327.8	332.8	3084
3037 >E	Roseton 345kV Voltage	Ravenswood 3	3.4	327.8	330.7	3084
3038 >E	Ramapo 345kV Voltage	Ravenswood 3	4.6	327.8	332.2	3084
3039 >E	Pleasant Valley 345kV Voltage	SBK Princeton 345	3.3	327.8	326.9	2780
3041 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	5.5	327.8	334.9	2145
3041 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	5.5	327.8	334.9	2145
3041 >E	St.Lawrence 230kV Voltage	Marcy South N.	18.0	218.5	225.5	3704
3041 >E	Gardenville 230kV Voltage	Pre-Fault	3.7	NA	217	3041
3041 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	2.5	327.8	329.4	2955
3041 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	5.6	327.8	334.8	2146
3041 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	5.6	327.8	334.8	2146
3042 >E	Fraser 345kV Voltage	Ph2 DC 1500	10.5	327.8	327.5	3287
3042 >E	Station 80 345kV Voltage	Ravenswood 3	4.6	327.8	331.5	3085
3043 >E	Leeds 345kV Voltage	Marcy South S.	6.3	327.8	348.5	3491
3043 >E	Niagara 345kV Voltage	SBK Marcy R3108	2.2	327.8	309.3	3481
3043 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	6.8	327.8	335.1	2104
3043 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	2.7	327.8	329.4	2956
3045 >E	Bowline 1 345kV Voltage	Ravenswood 3	4.3	327.8	332.6	3086
3045 >E	Rainey 345kV Voltage	Volney-Marcy	2.7	327.8	327.8	3045

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
3045 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	2.7	327.8	327.8	3021
3046 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	2.7	327.8	327.7	2973
3046 >E	Rainey 345kV Voltage	SBK Marcy R3108	2.7	327.8	327.7	3504
3046 >E	Rainey 345kV Voltage	SBK Edic R70	2.7	327.8	327.7	3606
3046 >E	Bowline 2 345kV Voltage	Ravenswood 3	4.3	327.8	332.7	3086
3047 >E	Niagara 345kV Voltage	SBK Edic R70	2.3	327.8	306.3	3619
3048 >E	Farragut 345kV Voltage	Volney-Marcy	2.8	327.8	327.8	3048
3048 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	2.8	327.8	327.8	3023
3048 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	2.8	327.8	327.7	2974
3048 >E	Farragut 345kV Voltage	SBK Edic R70	2.8	327.8	327.7	3630
3048 >E	Farragut 345kV Voltage	SBK Marcy R3108	2.8	327.8	327.7	3525
3048 >E	Roseton 345kV Voltage	SBK Princetown 345	3.4	327.8	327.3	2784
3050 >E	Station 80 345kV Voltage	SBK Princetown 345	4.9	327.8	330.1	2785
3051 >E	Goethals 345kV Voltage	Pre-Fault	5.0	NA	338	3051
3058 >E	Niagara 230kV East Voltage	SBK Marcy R3108	5.5	218.5	206.2	3611
3058 >E	Niagara 230kV West Voltage	SBK Marcy R3108	5.5	218.5	206.2	3611
3058 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	7.3	327.8	338.8	2107
3059 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	13.7	218.5	223.8	2107
3060 >E	Ladentown 345kV Voltage	SBK Princetown 345	4.2	327.8	326.9	2791
3060 >E	Rock Tavern 345kV Voltage	SBK Edic R945	7.6	327.8	339.9	2146
3060 >E	Ramapo 345kV Voltage	SBK Princetown 345	4.6	327.8	326.9	2791
3061 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	6.7	327.8	331.7	2107
3061 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	6.7	327.8	331.7	2107
3061 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	7.7	327.8	339.8	2146
3063 >E	Station 80 345kV Voltage	Marcy South N.	13.5	327.8	341.3	3704
3064 >E	Niagara 230kV East Voltage	SBK Edic R70	5.9	218.5	204.3	3786
3064 >E	Niagara 230kV West Voltage	SBK Edic R70	5.9	218.5	204.3	3786
3069 >E	Fraser 345kV Voltage	Marcy South N.	11.6	327.8	327.8	3705
3070 >E	Bowline 1 345kV Voltage	SBK Princetown 345	4.3	327.8	326.8	2796
3070 >E	Bowline 2 345kV Voltage	SBK Princetown 345	4.3	327.8	326.8	2796
3077 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	3.6	207	207.2	2989
3077 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	3.6	207	207.2	2966
3077 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	3.6	207	207.1	3047
3077 >E	Gardenville 230kV Voltage	Volney-Marcy	3.7	207	207.0	3077
3082 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	15.4	327.8	328.6	3311
3084 >E	Pannell Road 345kV Voltage	SBK Edic R945	11.2	327.8	347.3	2147
3089 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	11.6	327.8	347.5	2147
3092 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	329.8	2971

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3096 >E	Northport 138kV Voltage	Pre-Fault	13.3	NA	135	3096
3096 >E	Watercure 230kV Voltage	Ravenswood 3	5.1	207	211.2	3097
3096 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	330.3	2113
3097 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	10.5	327.8	330.4	2114
3098 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	333.5	2114
3102 >E	Goethals 345kV Voltage	SBK Marcy R3108	5.0	327.8	327.9	3986
3102 >E	Goethals 345kV Voltage	SBK Edic R70	5.0	327.8	327.8	4167
3102 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	5.0	327.8	327.8	3067
3102 >E	Goethals 345kV Voltage	Volney-Marcy	5.0	327.8	327.8	3102
3102 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	327.8	327.8	3002
3106 >E	Ramapo 500kV Voltage	Ph2 DC 1500	78.4	500	507.2	3325
3106 >E	Watercure 230kV Voltage	SBK Princetown 345	5.4	207	209.5	2815
3107 >E	St.Lawrence 230kV Voltage	Marcy South S.	18.4	218.5	222.7	3497
3113 >E	Clay 345kV Voltage	Marcy South S.	11.2	327.8	334.4	3498
3116 >E	Pleasant Valley 345kV Voltage	Marcy South S.	11.8	327.8	341.2	3498
3123 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	10.6	327.8	331.5	2118
3131 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	16.6	327.8	335.1	3340
3131 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	16.6	327.8	335.1	3340
3132 >E	Watercure 230kV Voltage	SBK Edic R945	8.5	207	227.1	2149
3134 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	10.5	327.8	333.0	2120
3135 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	8.7	207	227.0	2149
3138 >E	Buchanan North 345kV Voltage	SBK Edic R945	13.2	327.8	335.4	2149
3139 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	13.3	327.8	335.3	2149
3140 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	336.5	2121
3142 >E	Northport 138kV Voltage	N.Scot-Leeds 345	12.9	131.1	131.5	2987
3143 >E	Rainey 345kV Voltage	Ravenswood 3	8.9	327.8	338.9	3107
3148 >E	Northport 138kV Voltage	Volney-Marcy	13.3	131.1	131.1	3148
3148 >E	Northport 138kV Voltage	SBK Marcy R3108	13.3	131.1	131.1	4381
3148 >E	Northport 138kV Voltage	SBK Edic R70	13.4	131.1	131.1	4626
3148 >E	Northport 138kV Voltage	Princetown-N.Scot 345	13.4	131.1	131.1	3104
3148 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	13.4	131.1	131.1	3026
3158 >E	Farragut 345kV Voltage	Ravenswood 3	9.6	327.8	338.2	3110
3158 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	10.5	327.8	336.1	2124
3163 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	9.8	327.8	335.9	2125
3168 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	15.6	218.5	222.0	2126
3168 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	15.6	218.5	222.0	2126
3169 >E	Ramapo 345kV Voltage	SBK Edic R945	12.1	327.8	338.4	2150
3170 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	12.2	327.8	338.3	2150
3175 >E	Gilboa 345kV Voltage	Marcy South N.	14.0	327.8	338.5	3708

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3176 >E	Somerset 345kV Voltage	Ravenswood 3	8.9	327.8	333.1	3114
3176 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	10.5	327.8	336.7	2127
3180 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	10.5	327.8	336.9	2128
3183 >E	Sprain Brook 345kV Voltage	SBK Edic R945	16.6	327.8	332.4	2150
3184 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	16.7	327.8	332.3	2151
3185 >E	Dunwoodie 345kV Voltage	SBK Edic R945	16.9	327.8	332.3	2150
3186 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	17.0	327.8	332.2	2151
3192 >E	Buchanan South 345kV Voltage	SBK Edic R945	14.0	327.8	335.2	2151
3192 >E	Millwood 345kV Voltage	SBK Edic R945	14.9	327.8	333.7	2151
3194 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	15.0	327.8	333.6	2151
3194 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	14.1	327.8	335.2	2151
3196 >E	Ramapo 500kV Voltage	Marcy South S.	37.3	500	504.6	3507
3198 >E	Ladentown 345kV Voltage	SBK Edic R945	12.6	327.8	338.4	2151
3199 >E	Somerset 345kV Voltage	SBK Princetown 345	9.5	327.8	331.0	2865
3200 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	12.7	327.8	338.3	2152
3207 >E	Gardenville 230kV Voltage	SBK Marcy R3108	8.4	207	171.4	4893
3209 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	12.5	327.8	330.3	2133
3211 >E	Roseton 345kV Voltage	SBK Edic R945	11.9	327.8	335.7	2151
3212 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	12.0	327.8	335.6	2152
3215 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	12.1	327.8	334.9	2134
3219 >E	Bowline 1 345kV Voltage	SBK Edic R945	12.6	327.8	339.1	2152
3221 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	12.7	327.8	339.0	2152
3225 >E	Bowline 2 345kV Voltage	SBK Edic R945	12.6	327.8	339.3	2152
3227 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	12.7	327.8	339.2	2153
3229 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	13.5	327.8	331.9	2152
3230 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	13.6	327.8	331.8	2153
3237 >E	Dunwoodie 345kV Voltage	Marcy South S.	20.8	327.8	333.1	3511
3238 >E	Sprain Brook 345kV Voltage	Marcy South S.	20.7	327.8	333.1	3511
3239 >E	Gardenville 230kV Voltage	SBK Edic R70	9.6	207	162.6	5540
3242 >E	Millwood 345kV Voltage	Marcy South S.	18.2	327.8	334.4	3511
3242 >E	Leeds 345kV Voltage	Marcy South N.	14.4	327.8	346.7	3710
3252 >E	Clay 345kV Voltage	Ph2 DC 1500	24.0	327.8	328.6	3412
3254 >E	Goethals 345kV Voltage	Ravenswood 3	13.5	327.8	337.8	3131
3270 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	12.2	327.8	327.8	2154
3270 >E	Leeds 345kV Voltage	SBK Edic R945	12.2	327.8	327.8	2153
3273 >E	Gilboa 345kV Voltage	Ph2 DC 1500	18.5	327.8	331.0	3424
3278 >E	Rainey 345kV Voltage	SBK Princetown 345	11.8	327.8	327.2	2908
3279 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	12.7	327.8	327.8	2145
3295 >E	Farragut 345kV Voltage	SBK Princetown 345	12.7	327.8	327.2	2917
3301 >E	Station 80 345kV Voltage	Ph2 DC 1500	26.9	327.8	331.6	3440
3307 >E	Roseton 345kV Voltage	Marcy South S.	16.4	327.8	337.5	3518

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3314 >E	Buchanan South 345kV Voltage	Marcy South S.	19.3	327.8	333.5	3519
3317 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	13.1	327.8	336.2	2152
3318 >E	Watercure 230kV Voltage	Marcy South N.	26.5	207	232.0	3712
3329 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	28.4	327.8	330.9	3457
3349 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	18.6	207	230.6	2157
3360 >E	Buchanan North 345kV Voltage	Marcy South S.	22.6	327.8	330.1	3524
3384 >E	Coopers Corners 345kV Voltage	Marcy South N.	18.9	327.8	310.8	3714
3388 >E	Pannell Road 345kV Voltage	Marcy South S.	28.0	327.8	335.7	3527
3403 >E	Pleasant Valley 345kV Voltage	Marcy South N.	25.7	327.8	339.1	3714
3403 >E	Station 80 345kV Voltage	SBK Edic R945	36.7	327.8	374.0	2158
3418 >E	Somerset 345kV Voltage	Marcy South N.	24.7	327.8	343.9	3715
3431 >E	Ramapo 500kV Voltage	Marcy South N.	72.2	500	505.4	3715
3450 >E	Goethals 345kV Voltage	SBK Princetown 345	18.9	327.8	327.3	3000
3450 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	40.5	327.8	377.2	2161
3476 >E	Niagara 230kV East Voltage	Marcy South S.	36.6	218.5	219.8	3536
3476 >E	Niagara 230kV West Voltage	Marcy South S.	36.6	218.5	219.8	3536
3498 >E	Ladentown 345kV Voltage	Marcy South S.	22.5	327.8	330.6	3538
3504 >E	Rock Tavern 345kV Voltage	Marcy South S.	20.4	327.8	318.3	3539
3525 >E	Niagara 345kV Voltage	Ravenswood 3	18.8	327.8	334.7	3189
3536 >E	Bowline 1 345kV Voltage	Marcy South S.	22.5	327.8	330.8	3542
3538 >E	Ramapo 345kV Voltage	Marcy South S.	24.6	327.8	328.2	3542
3541 >E	Bowline 2 345kV Voltage	Marcy South S.	22.3	327.8	330.9	3543
3554 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	31.9	327.8	328.2	3590
3587 >E	Niagara 230kV East Voltage	Ravenswood 3	43.6	218.5	222.3	3202
3587 >E	Niagara 230kV West Voltage	Ravenswood 3	43.6	218.5	222.3	3202
3587 >E	Niagara 345kV Voltage	SBK Princetown 345	20.5	327.8	332.1	3073
3625 >E	Station 80 345kV Voltage	Marcy South S.	42.7	327.8	337.0	3551
3642 >E	Leeds 345kV Voltage	Ph2 DC 1500	27.3	327.8	332.4	3642
3667 >E	Niagara 230kV East Voltage	SBK Princetown 345	48.2	218.5	220.9	3116
3667 >E	Niagara 230kV West Voltage	SBK Princetown 345	48.2	218.5	220.9	3116
3687 >E	Millwood 345kV Voltage	Marcy South N.	42.1	327.8	333.0	3723
3687 >E	Dunwoodie 345kV Voltage	Marcy South N.	48.8	327.8	332.0	3723
3690 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	28.2	207	218.1	2217
3690 >E	Coopers Corners 345kV Voltage	Marcy South S.	20.1	327.8	261.4	3558
3692 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	38.0	327.8	331.5	3672
3693 >E	Sprain Brook 345kV Voltage	Marcy South N.	48.8	327.8	332.0	3723
3708 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	50.4	327.8	331.3	3682
3735 >E	Roseton 345kV Voltage	Marcy South N.	33.9	327.8	335.8	3724
3761 >E	Rock Tavern 345kV Voltage	Marcy South N.	33.4	327.8	324.0	3725
3777 >E	Buchanan North 345kV Voltage	Marcy South N.	46.3	327.8	330.0	3725
3807 >E	Buchanan South 345kV Voltage	Marcy South N.	43.7	327.8	332.1	3726

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\19_OS\Sum2023_CEVC_PH2_50_19_OS.xlsx

1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3831 >E	Niagara 230kV East Voltage	Marcy South N.	66.5	218.5	226.9	3727
3831 >E	Niagara 230kV West Voltage	Marcy South N.	66.5	218.5	226.9	3727
3848 >E	Millwood 345kV Voltage	Ph2 DC 1500	53.2	327.8	330.5	3764
3852 >E	Ramapo 345kV Voltage	Ph2 DC 1500	46.6	327.8	331.2	3767
3861 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	50.5	327.8	331.1	3772
3896 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	63.9	327.8	329.9	3792
3898 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	64.3	327.8	329.8	3794
3927 >E	Ladentown 345kV Voltage	Ph2 DC 1500	47.1	327.8	331.6	3811
3930 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	38.0	327.8	332.7	2259
3935 >E	Somerset 345kV Voltage	Ph2 DC 1500	47.4	327.8	333.3	3816
3945 >E	Roseton 345kV Voltage	Ph2 DC 1500	44.0	327.8	330.0	3821
3959 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	39.9	327.8	332.7	2264
4002 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	47.0	327.8	331.7	3855
4021 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	46.9	327.8	331.8	3867
4049 >E	Ramapo 345kV Voltage	Marcy South N.	48.0	327.8	328.4	3733
4112 >E	Ladentown 345kV Voltage	Marcy South N.	48.6	327.8	328.9	3735
4192 >E	Niagara 345kV Voltage	Marcy South N.	46.6	327.8	347.5	3738
4193 >E	Bowline 1 345kV Voltage	Marcy South N.	48.6	327.8	329.0	3738
4285 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	53.1	327.8	332.8	2321
4291 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	179.5	218.5	179.7	4026
4343 >E	Bowline 2 345kV Voltage	Marcy South N.	53.3	327.8	326.6	3742
4504 >E	Rainey 345kV Voltage	SBK Edic R945	60.4	327.8	336.2	2197
4514 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	60.8	327.8	336.1	2201
4539 >E	Farragut 345kV Voltage	SBK Edic R945	63.0	327.8	336.2	2199
4548 >E	Rainey 345kV Voltage	Marcy South S.	62.1	327.8	335.7	3648
4550 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	63.4	327.8	336.0	2203
4562 >E	Farragut 345kV Voltage	Marcy South S.	63.9	327.8	335.4	3649
4636 >E	Gardenville 230kV Voltage	Ravenswood 3	61.6	207	219.7	3427
5080 >E	Gardenville 230kV Voltage	SBK Princetown 345	77.6	207	215.8	3873
5116 >E	Goethals 345kV Voltage	SBK Edic R945	86.2	327.8	336.1	2219
5130 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	86.8	327.8	336.0	2224
5153 >E	Goethals 345kV Voltage	Marcy South S.	87.7	327.8	334.9	3711
5784 >E	Gardenville 230kV Voltage	Marcy South S.	106.3	207	215.1	3777
5805 >E	Niagara 345kV Voltage	Ph2 DC 1500	104.2	327.8	336.3	4922
6415 >E	Gardenville 230kV Voltage	Marcy South N.	141.0	207	243.0	3803
6742 >E	Watercure 230kV Voltage	Ph2 DC 1500	175.5	207	243.2	5476
7002 >E	Rainey 345kV Voltage	Marcy South N.	155.2	327.8	335.3	3821
7065 >E	Farragut 345kV Voltage	Marcy South N.	160.7	327.8	335.2	3822
7278 >E	Niagara 230kV East Voltage	Ph2 DC 1500	307.2	218.5	225.7	5793
7278 >E	Niagara 230kV West Voltage	Ph2 DC 1500	307.2	218.5	225.7	5793
7715 >E	Rainey 345kV Voltage	Ph2 DC 1500	184.3	327.8	331.9	6052

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7774 >E	Farragut 345kV Voltage	Ph2 DC 1500	190.3	327.8	332.0	6086
8467 >E	Goethals 345kV Voltage	Marcy South N.	217.2	327.8	335.4	3864
8638 >E	Northport 138kV Voltage	SBK Edic R945	447.2	131.1	134.5	2344
8668 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	449.5	131.1	134.4	2358
9127 >E	Goethals 345kV Voltage	Ph2 DC 1500	245.3	327.8	333.2	6887
9840 >E	Northport 138kV Voltage	Marcy South S.	542.7	131.1	135.1	4200
18883 >E	Northport 138kV Voltage	Marcy South N.	1257.7	131.1	134.0	4171
21191 >E	Northport 138kV Voltage	Ph2 DC 1500	1443.9	131.1	133.3	14022
99998 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Edic R945	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Niagara 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
99998 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV East Voltage	SBK Edic R945	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	SBK Edic R945	NA	218.5	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

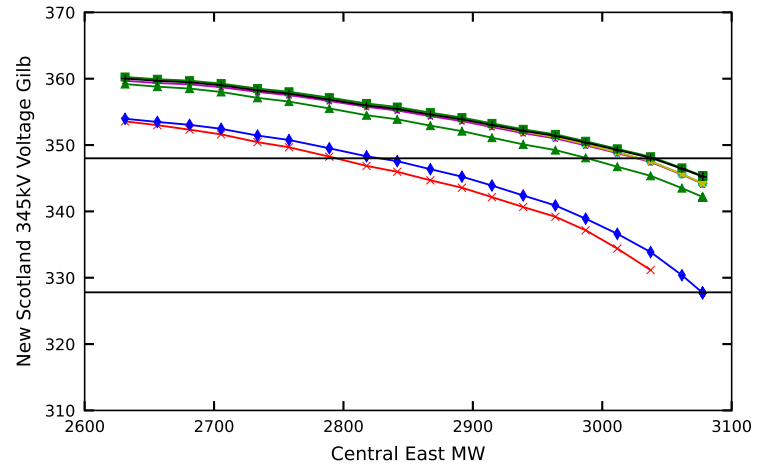
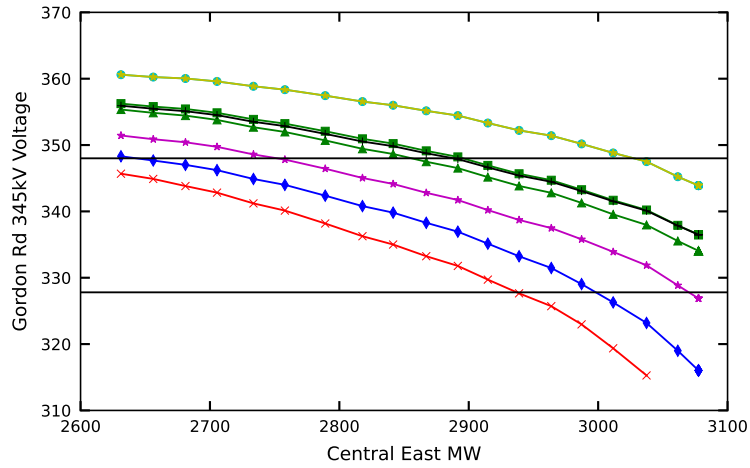
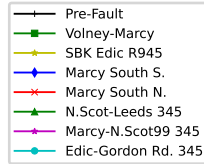
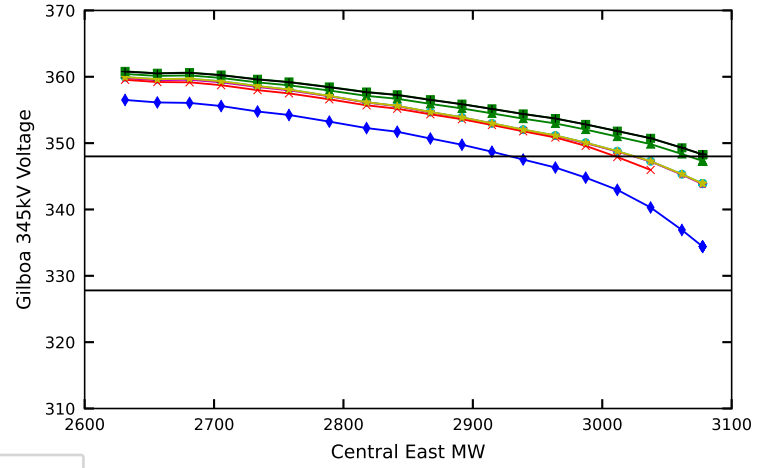
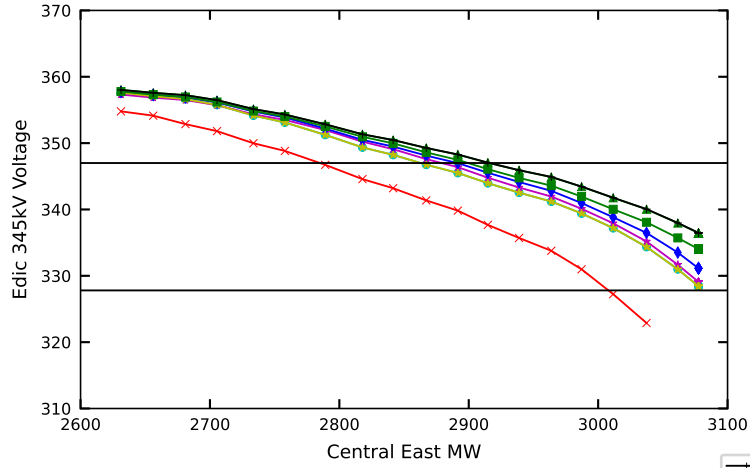
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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 19_OS

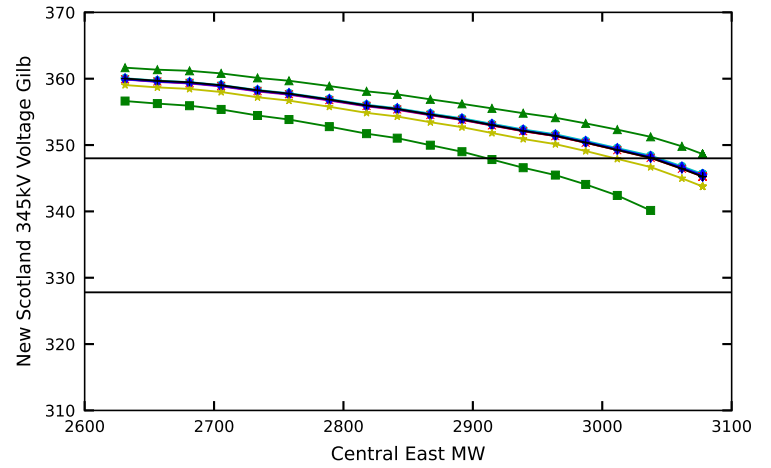
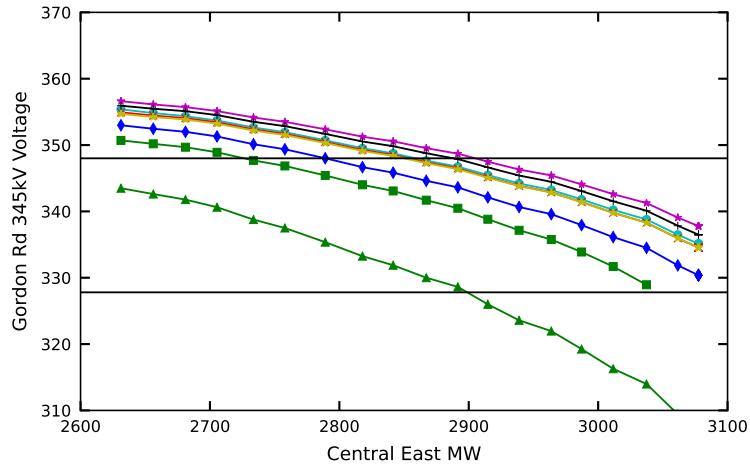
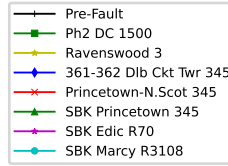
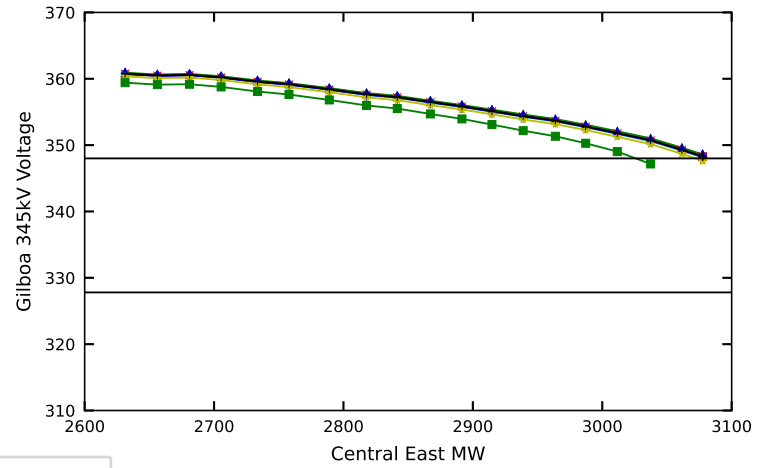
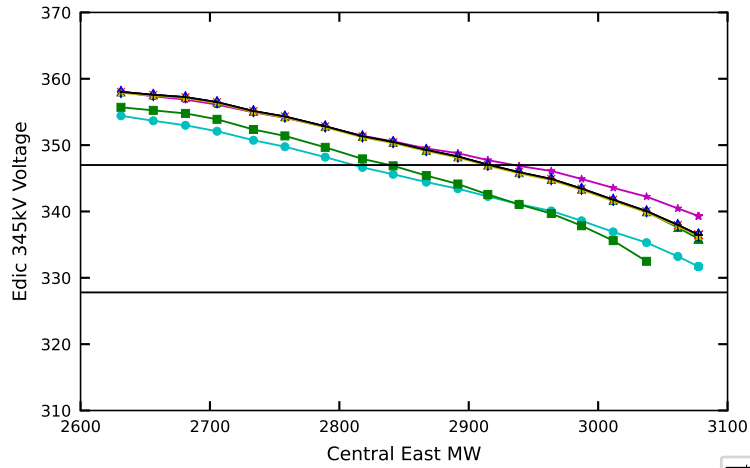
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				<-Post->	<-Pre->	
>E						
99998	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

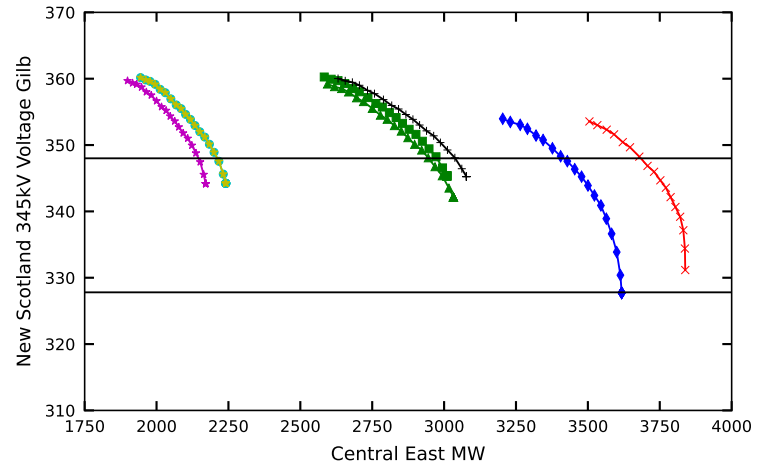
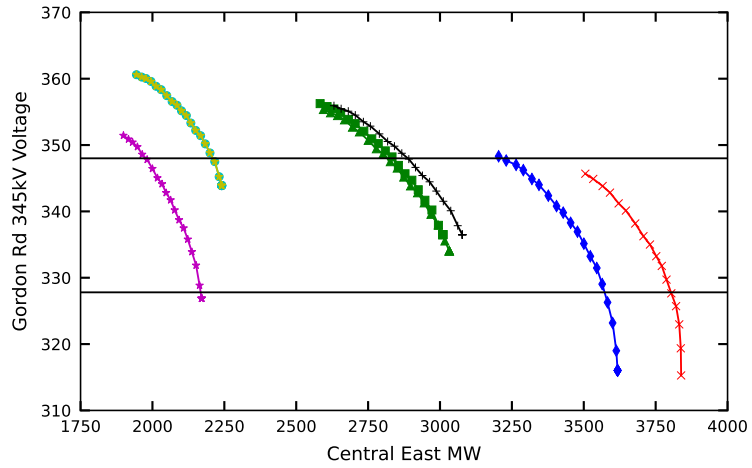
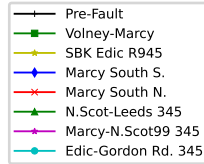
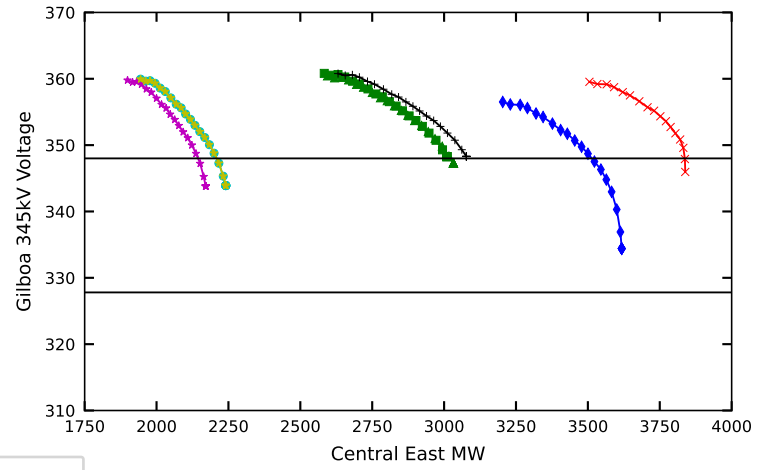
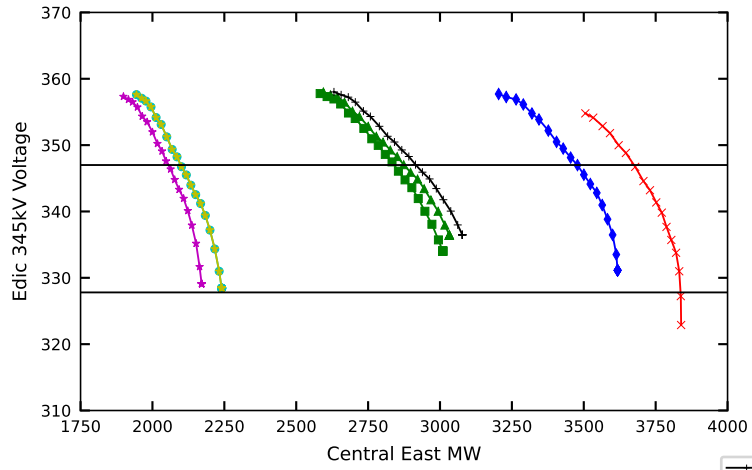
1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_05 Figure 1



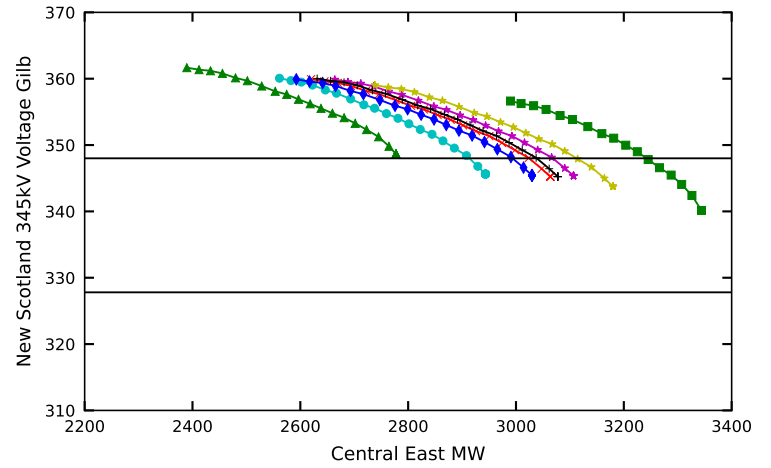
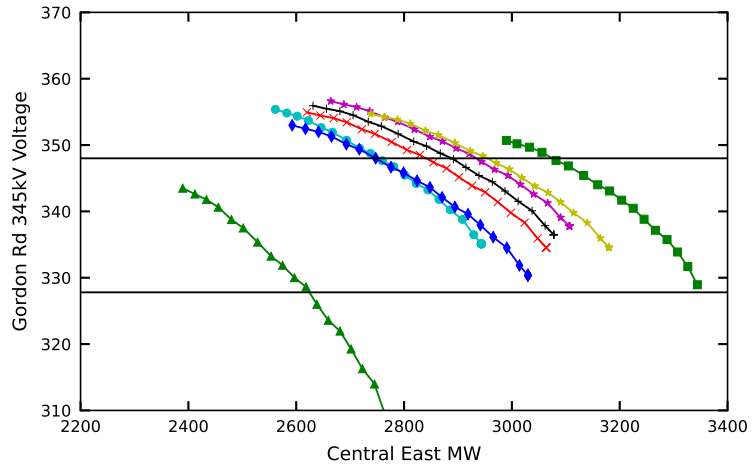
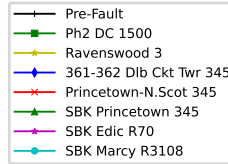
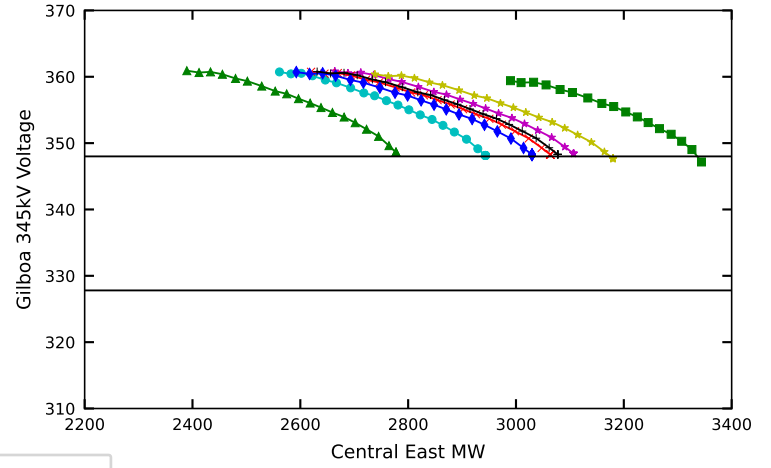
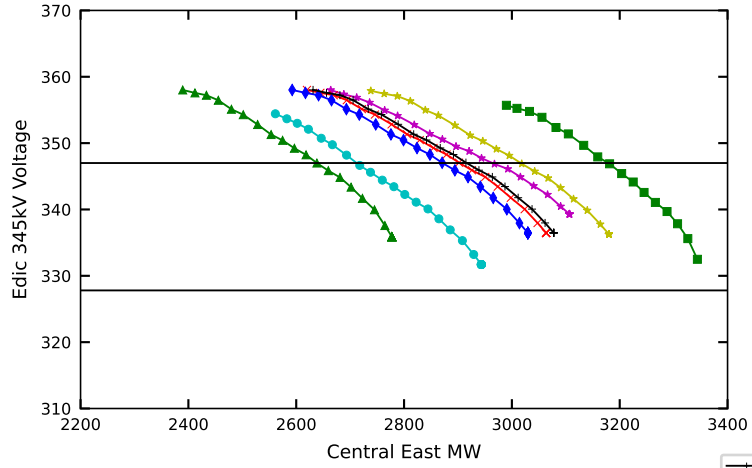
1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_05 Figure 2



1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS Figure 1



1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2631	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2656	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2681	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2705	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2733	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2757	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2789	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2817	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2841	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2867	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2891	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2914	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2938	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2963	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2987	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
3011	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
3037	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7															
3061	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	8															
3077	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	9															
3077	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	0															
3077	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	1															
3077	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	2															
3077	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	3															
3077	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	4															
3077	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-15-2023 10:20

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Interface: Central East

Twr 345																											
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ravens																											
wood 3																											
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	
Ph2 DC																											
1500																											

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2707 >E	Dunwoodie 345kV Voltage	Pre-Fault	74.1	NA	348	2707
2717 >E	Sprain Brook 345kV Voltage	Pre-Fault	73.5	NA	348	2717
2885	limit with 5% margin	Marcy South N.	NA	NA	NA	3646
2885	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3176
2888	Gordon Rd 345kV Voltage	Pre-Fault	27.7	NA	348	2888
2894	Millwood 345kV Voltage	Pre-Fault	98.1	NA	348	2894
2896	Marcy 345kV Voltage	Pre-Fault	18.7	NA	348	2896
2898	Gordon Rd 345kV Voltage	SBK Princetown 345	8.8	327.8	347.5	2624
2916	Edic 345kV Voltage	Pre-Fault	21.2	NA	347	2916
2923	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2128
2923	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2062
2923	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2880
2923	limit with 5% margin	Marcy South S.	NA	NA	NA	3436
2923	limit with 5% margin	SBK Edic R945	NA	NA	NA	2128
2923	limit with 5% margin	Volney-Marcy	NA	NA	NA	2858
2923	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2796
2923	limit with 5% margin	SBK Edic R70	NA	NA	NA	2951
2923	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2638
2923	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2910
2923	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2878
2923	limit with 5% margin	Ravenswood 3	NA	NA	NA	3020
2937	Gordon Rd 345kV Voltage	Marcy South N.	11.7	327.8	345.5	3803
2989	Buchanan North 345kV Voltage	Pre-Fault	69.0	NA	346	2989
2998	Gordon Rd 345kV Voltage	Marcy South S.	8.8	327.8	342.4	3572
3007	Edic 345kV Voltage	Marcy South N.	6.5	327.8	342.0	3836
3009	Marcy 345kV Voltage	Marcy South N.	6.5	327.8	341.8	3836
3035	Oakdale 345kV Voltage	Marcy South N.	6.0	320	344.6	3838
3038	New Scotland 345kV Voltage Alps	Pre-Fault	14.7	NA	348	3038
3038	New Scotland 345kV Voltage Gilb	Pre-Fault	14.7	NA	348	3038
3048 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	9.4	327.8	339.5	3351
3064 >E	New Scotland 345kV Voltage Alps	Marcy South N.	7.9	327.8	346.9	3839
3064 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	7.9	327.8	346.9	3839
3067	Rock Tavern 345kV Voltage	Pre-Fault	21.3	NA	348	3067
3070	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	8.1	327.8	337.1	2167
3072	Coopers Corners 345kV Voltage	SBK Edic R945	6.7	327.8	339.8	2238
3072	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	339.8	2238
3073	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.6	327.8	339.7	2169
3076 >E	Edic 345kV Voltage	Ph2 DC 1500	8.3	327.8	337.5	3370
3076 >E	Marcy 345kV Voltage	Ph2 DC 1500	8.2	327.8	337.3	3370
3076	Marcy 345kV Voltage	SBK Edic R945	6.2	327.8	336.4	2240

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3076	Marcy 345kV Voltage	Edic-Gordon Rd. 345	6.2	327.8	336.4	2240
3077	Pleasant Valley 345kV Voltage	Pre-Fault	23.5	NA	348	3077
3077	New Scotland 345kV Voltage Alps	Marcy South S.	6.0	327.8	345.3	3617
3077	New Scotland 345kV Voltage Gilb	Marcy South S.	6.0	327.8	345.3	3617
3081 >E	Edic 345kV Voltage	SBK Edic R945	6.3	327.8	336.1	2242
3081 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	6.3	327.8	336.1	2242
3082 >E	Gilboa 345kV Voltage	Pre-Fault	15.9	NA	348	3082
3085 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	335.7	2174
3087 >E	Buchanan South 345kV Voltage	Pre-Fault	21.6	NA	346	3087
3091 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	335.0	2177
3093 >E	Coopers Corners 345kV Voltage	Pre-Fault	12.0	NA	338	3093
3095 >E	Fraser 345kV Voltage	SBK Edic R945	5.8	327.8	338.1	2250
3095 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	5.8	327.8	338.1	2250
3096 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	338.0	2179
3096 >E	Fraser 345kV Voltage	Pre-Fault	9.5	NA	338	3096
3099 >E	Edic 345kV Voltage	Marcy South S.	6.7	327.8	334.4	3623
3101 >E	Marcy 345kV Voltage	Marcy South S.	6.7	327.8	334.1	3624
3105 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	10.8	327.8	334.1	3057
3118 >E	Edic 345kV Voltage	SBK Marcy R3108	10.6	327.8	332.6	2980
3119 >E	Gilboa 345kV Voltage	Marcy South S.	6.4	327.8	345.6	3629
3127 >E	Oakdale 345kV Voltage	Pre-Fault	10.1	NA	335	3127
3128 >E	Clay 345kV Voltage	Marcy South N.	8.7	327.8	348.9	3842
3130 >E	Station 80 345kV Voltage	Pre-Fault	29.9	NA	346	3130
3133 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	6.1	320	334.4	2196
3134 >E	Oakdale 345kV Voltage	SBK Edic R945	6.2	320	334.4	2271
3134 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	6.2	320	334.4	2271
3136 >E	Edic 345kV Voltage	Volney-Marcy	9.5	327.8	331.0	3064
3136 >E	Marcy 345kV Voltage	Volney-Marcy	9.4	327.8	330.8	3064
3140 >E	Ramapo 345kV Voltage	Pre-Fault	25.1	NA	346	3140
3143 >E	Pannell Road 345kV Voltage	Pre-Fault	27.2	NA	346	3143
3145 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	10.8	327.8	330.8	3098
3152 >E	Marcy 345kV Voltage	SBK Princetown 345	9.3	327.8	329.3	2838
3153 >E	Edic 345kV Voltage	SBK Princetown 345	9.4	327.8	329.4	2839
3154 >E	Gordon Rd 345kV Voltage	Ravenswood 3	11.3	327.8	330.0	3256
3154 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	11.5	327.8	329.9	3140
3155 >E	Coopers Corners 345kV Voltage	Ravenswood 3	9.8	327.8	332.8	3258
3162 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	11.6	327.8	329.3	3018
3164 >E	Fraser 345kV Voltage	Ph2 DC 1500	8.3	327.8	334.4	3431
3167 >E	Oakdale 345kV Voltage	Ph2 DC 1500	7.2	320	333.1	3433
3168 >E	Edic 345kV Voltage	Ravenswood 3	10.7	327.8	328.1	3270

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3168 >E	Marcy 345kV Voltage	SBK Marcy R3108	10.7	327.8	327.8	3023
3168 >E	Marcy 345kV Voltage	Ravenswood 3	10.7	327.8	327.8	3270
3168 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	10.7	327.8	327.8	3121
3168 >E	Marcy 345kV Voltage	SBK Edic R70	10.7	327.8	327.8	3199
3168 >E	Marcy 345kV Voltage	Princeton-N.Scot 345	10.7	327.8	327.8	3154
3168 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	10.7	327.8	327.8	3119
3169 >E	Ramapo 500kV Voltage	Ph2 DC 1500	53.8	500	508.0	3434
3169 >E	Ladentown 345kV Voltage	Pre-Fault	24.0	NA	346	3169
3170 >E	Edic 345kV Voltage	N.Scot-Leeds 345	10.7	327.8	327.8	3123
3170 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	10.7	327.8	327.8	3121
3170 >E	Edic 345kV Voltage	Princeton-N.Scot 345	10.7	327.8	327.8	3156
3171 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	11.4	327.8	335.2	3436
3174 >E	Ramapo 500kV Voltage	Ravenswood 3	34.0	500	505.7	3276
3177 >E	Gordon Rd 345kV Voltage	Volney-Marcy	11.5	327.8	328.0	3102
3178 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	11.4	327.8	341.7	3440
3178 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	11.4	327.8	341.7	3440
3179 >E	Leeds 345kV Voltage	Marcy South S.	7.4	327.8	348.8	3646
3183 >E	Coopers Corners 345kV Voltage	SBK Princeton 345	11.3	327.8	330.5	2864
3184 >E	Clay 345kV Voltage	Pre-Fault	20.3	NA	345	3184
3193 >E	Fraser 345kV Voltage	Volney-Marcy	9.5	327.8	327.8	3117
3193 >E	Fraser 345kV Voltage	SBK Edic R70	9.5	327.8	327.8	3224
3193 >E	Fraser 345kV Voltage	SBK Princeton 345	9.5	327.8	327.8	2872
3193 >E	Fraser 345kV Voltage	Princeton-N.Scot 345	9.5	327.8	327.8	3178
3193 >E	Fraser 345kV Voltage	Ravenswood 3	9.5	327.8	327.8	3295
3193 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	9.5	327.8	327.8	3145
3193 >E	Fraser 345kV Voltage	Marcy South S.	9.5	327.8	327.8	3650
3193 >E	Fraser 345kV Voltage	SBK Marcy R3108	9.5	327.8	327.8	3046
3193 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	9.5	327.8	327.8	3143
3195 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	25.9	500	505.3	2224
3200 >E	Dunwoodie 345kV Voltage	Ravenswood 3	16.3	327.8	336.0	3302
3201 >E	Gordon Rd 345kV Voltage	SBK Edic R70	12.5	327.8	326.0	3233
3202 >E	Sprain Brook 345kV Voltage	Ravenswood 3	16.4	327.8	336.0	3305
3204 >E	Ramapo 500kV Voltage	SBK Edic R945	26.7	500	505.1	2309
3204 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	26.7	500	505.1	2309
3206 >E	Coopers Corners 345kV Voltage	SBK Edic R70	12.0	327.8	328.6	3237
3207 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	11.8	327.8	328.5	3159
3211 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	11.9	327.8	328.2	3161

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3214 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	12.0	327.8	327.9	3200
3218 >E	Coopers Corners 345kV Voltage	Volney-Marcy	11.9	327.8	327.6	3140
3225 >E	Pannell Road 345kV Voltage	Marcy South N.	13.9	327.8	344.7	3847
3233 >E	Bowline 1 345kV Voltage	Pre-Fault	24.2	NA	345	3233
3234 >E	Oakdale 345kV Voltage	SBK Marcy R3108	9.7	320	324.4	3082
3235 >E	Edic 345kV Voltage	SBK Edic R70	13.8	327.8	321.7	3268
3237 >E	Roseton 345kV Voltage	Pre-Fault	27.2	NA	345	3237
3244 >E	Bowline 2 345kV Voltage	Pre-Fault	24.2	NA	345	3244
3246 >E	Pleasant Valley 345kV Voltage	Marcy South S.	12.7	327.8	340.8	3665
3247 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	10.1	327.8	341.9	2333
3247 >E	Clay 345kV Voltage	SBK Edic R945	10.1	327.8	341.9	2333
3248 >E	Oakdale 345kV Voltage	Volney-Marcy	9.8	320	323.1	3168
3249 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	10.0	327.8	341.8	2248
3249 >E	Fraser 345kV Voltage	Marcy South N.	12.9	327.8	327.8	3848
3251 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	12.1	327.8	332.4	3202
3251 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	12.1	327.8	332.4	3202
3251 >E	Ramapo 500kV Voltage	Marcy South S.	27.6	500	504.1	3666
3251 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	12.7	327.8	324.8	3097
3252 >E	Oakdale 345kV Voltage	SBK Princetown 345	9.5	320	322.7	2919
3254 >E	Oakdale 345kV Voltage	Ravenswood 3	9.6	320	322.5	3356
3254 >E	Buchanan North 345kV Voltage	Ravenswood 3	17.4	327.8	336.0	3356
3254 >E	Leeds 345kV Voltage	Pre-Fault	20.1	NA	345	3254
3256 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	11.2	327.8	337.0	2251
3258 >E	Millwood 345kV Voltage	Ravenswood 3	17.0	327.8	336.1	3360
3259 >E	Gilboa 345kV Voltage	SBK Edic R945	11.3	327.8	336.8	2339
3259 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	11.3	327.8	336.8	2339
3261 >E	Station 80 345kV Voltage	Marcy South N.	15.6	327.8	342.7	3848
3264 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	12.3	327.8	338.7	2255
3264 >E	Rock Tavern 345kV Voltage	SBK Edic R945	12.5	327.8	338.7	2342
3264 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	12.5	327.8	338.7	2342
3266 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	11.5	327.8	331.3	2255
3266 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	11.5	327.8	331.3	2255
3266 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	11.5	327.8	331.3	2343
3266 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	11.5	327.8	331.3	2343
3266 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	11.5	327.8	331.3	2343
3266 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	11.5	327.8	331.3	2343
3270 >E	Gordon Rd 345kV Voltage	SBK Edic R945	12.0	327.8	320.2	2345
3270 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	12.0	327.8	320.2	2345
3274 >E	Oakdale 345kV Voltage	Marcy South S.	9.3	320	320.5	3672
3276 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	10.1	320	320.3	3225

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3277 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	10.1	320	320.2	3227
3278 >E	Gilboa 345kV Voltage	Marcy South N.	13.3	327.8	340.7	3849
3278 >E	Oakdale 345kV Voltage	Princeton-N.Scot 345	10.1	320	320.1	3263
3280 >E	St.Lawrence 230kV Voltage	Pre-Fault	42.7	NA	225	3280
3280 >E	Leeds 345kV Voltage	Marcy South N.	11.5	327.8	349.2	3849
3282 >E	Dunwoodie 345kV Voltage	Marcy South S.	15.3	327.8	331.8	3675
3285 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	13.1	327.8	329.9	3387
3285 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	13.1	327.8	329.9	3387
3286 >E	Sprain Brook 345kV Voltage	Marcy South S.	15.4	327.8	331.8	3676
3288 >E	Oakdale 345kV Voltage	SBK Edic R70	10.4	320	319.1	3321
3294 >E	Clay 345kV Voltage	Ph2 DC 1500	13.1	327.8	343.2	3520
3294 >E	Buchanan South 345kV Voltage	Ravenswood 3	17.3	327.8	336.4	3396
3304 >E	Gilboa 345kV Voltage	Ph2 DC 1500	13.8	327.8	339.6	3527
3310 >E	Clay 345kV Voltage	Marcy South S.	11.6	327.8	338.8	3682
3310 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	13.3	327.8	328.0	3226
3310 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	13.3	327.8	328.0	3226
3311 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	16.8	327.8	330.4	2368
3311 >E	Dunwoodie 345kV Voltage	SBK Edic R945	16.8	327.8	330.4	2368
3312 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	16.4	327.8	333.4	2276
3312 >E	Buchanan North 345kV Voltage	SBK Edic R945	16.5	327.8	333.4	2368
3312 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	16.5	327.8	333.4	2368
3313 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	16.9	327.8	330.5	2369
3313 >E	Sprain Brook 345kV Voltage	SBK Edic R945	16.9	327.8	330.5	2369
3314 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	16.8	327.8	330.2	2277
3314 >E	New Scotland 345kV Voltage Alps	Princeton-N.Scot 345	13.6	327.8	327.8	3299
3314 >E	New Scotland 345kV Voltage Gilb	Princeton-N.Scot 345	13.6	327.8	327.8	3299
3315 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	16.8	327.8	330.3	2278
3315 >E	Millwood 345kV Voltage	Marcy South S.	15.2	327.8	333.4	3684
3317 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	13.6	327.8	327.6	3266
3317 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	13.6	327.8	327.6	3266
3317 >E	St.Lawrence 230kV Voltage	Marcy South N.	28.8	218.5	225.7	3851
3318 >E	Rock Tavern 345kV Voltage	Ravenswood 3	15.4	327.8	336.2	3420
3321 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	13.9	327.8	327.3	3354
3321 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	13.9	327.8	327.3	3354
3323 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	13.8	327.8	327.1	3161
3323 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	13.8	327.8	327.1	3161
3353 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	17.0	327.8	331.5	2391
3353 >E	Millwood 345kV Voltage	SBK Edic R945	17.0	327.8	331.5	2391
3355 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	19.4	327.8	328.1	3304

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3355 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	16.9	327.8	331.4	2296
3356 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	15.9	327.8	338.2	2296
3357 >E	Pannell Road 345kV Voltage	SBK Edic R945	16.1	327.8	338.1	2393
3357 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	16.1	327.8	338.1	2393
3359 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	19.6	327.8	328.1	3308
3360 >E	Dunwoodie 345kV Voltage	SBK Edic R70	19.7	327.8	327.9	3395
3362 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	19.7	327.8	327.8	3346
3362 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	13.7	327.8	324.2	3010
3362 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	13.7	327.8	324.2	3010
3362 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	19.7	327.8	327.8	3310
3364 >E	Sprain Brook 345kV Voltage	SBK Edic R70	19.8	327.8	327.9	3399
3366 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	19.8	327.8	327.8	3350
3366 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	19.5	327.8	327.6	3013
3366 >E	Dunwoodie 345kV Voltage	Volney-Marcy	19.7	327.8	327.6	3278
3366 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	19.8	327.8	327.8	3314
3366 >E	St.Lawrence 230kV Voltage	SBK Edic R945	28.3	218.5	223.0	2398
3366 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	28.3	218.5	223.0	2398
3369 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	19.7	327.8	327.6	3016
3370 >E	Sprain Brook 345kV Voltage	Volney-Marcy	19.8	327.8	327.6	3281
3370 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	16.9	327.8	332.9	2400
3370 >E	Buchanan South 345kV Voltage	SBK Edic R945	16.9	327.8	332.9	2400
3371 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	16.8	327.8	332.9	2302
3375 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	20.0	327.8	327.1	3207
3375 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	15.3	327.8	329.5	3324
3376 >E	Buchanan South 345kV Voltage	Marcy South S.	16.2	327.8	332.6	3701
3376 >E	Ramapo 345kV Voltage	Ravenswood 3	18.9	327.8	336.6	3478
3378 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	28.5	218.5	222.7	2306
3379 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	20.1	327.8	327.1	3211
3379 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	19.0	327.8	340.4	3579
3383 >E	Ladentown 345kV Voltage	Ravenswood 3	18.4	327.8	337.1	3485
3384 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	16.9	327.8	336.3	2309
3386 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	17.0	327.8	336.2	2409
3386 >E	Ramapo 345kV Voltage	SBK Edic R945	17.0	327.8	336.2	2409
3387 >E	Gilboa 345kV Voltage	Ravenswood 3	15.6	327.8	328.8	3488
3387 >E	Station 80 345kV Voltage	Ph2 DC 1500	20.1	327.8	339.2	3585
3392 >E	Ramapo 500kV Voltage	SBK Princetown 345	42.9	500	501.0	3034
3392 >E	Buchanan North 345kV Voltage	Marcy South S.	17.7	327.8	329.8	3706
3399 >E	Gilboa 345kV Voltage	SBK Marcy R3108	15.8	327.8	328.0	3228
3400 >E	Gilboa 345kV Voltage	Volney-Marcy	15.8	327.8	328.0	3309

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3401 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	15.9	327.8	327.9	3349
3402 >E	Gilboa 345kV Voltage	SBK Princetown 345	15.6	327.8	327.8	3042
3402 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	15.9	327.8	327.8	3387
3403 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	18.5	327.8	336.9	2317
3404 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	35.9	218.5	224.2	3596
3406 >E	Station 80 345kV Voltage	SBK Edic R945	18.8	327.8	336.8	2419
3406 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	18.8	327.8	336.8	2419
3408 >E	Gilboa 345kV Voltage	SBK Edic R70	16.0	327.8	327.5	3443
3411 >E	St.Lawrence 230kV Voltage	Marcy South S.	30.6	218.5	221.9	3711
3411 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	16.8	327.8	335.9	2321
3412 >E	Ladentown 345kV Voltage	SBK Edic R945	16.9	327.8	335.8	2423
3412 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	16.9	327.8	335.8	2423
3415 >E	Bowline 1 345kV Voltage	Ravenswood 3	18.5	327.8	337.5	3517
3416 >E	Watercure 230kV Voltage	Marcy South N.	25.2	207	230.5	3855
3417 >E	Ramapo 500kV Voltage	Volney-Marcy	44.6	500	500.5	3326
3418 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	45.0	500	500.4	3366
3421 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	20.4	327.8	328.3	3369
3423 >E	Bowline 2 345kV Voltage	Ravenswood 3	18.5	327.8	337.6	3524
3423 >E	Ramapo 500kV Voltage	SBK Marcy R3108	45.1	500	500.3	3249
3424 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	20.6	327.8	333.2	3526
3426 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	21.8	327.8	328.3	3373
3428 >E	Buchanan North 345kV Voltage	SBK Princetown 345	21.7	327.8	328.2	3063
3429 >E	Pleasant Valley 345kV Voltage	Marcy South N.	21.6	327.8	341.3	3856
3430 >E	Millwood 345kV Voltage	SBK Edic R70	20.8	327.8	327.9	3466
3431 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	45.7	500	500.2	3378
3431 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	20.8	327.8	327.8	3415
3431 >E	Pannell Road 345kV Voltage	Marcy South S.	18.1	327.8	335.4	3716
3431 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	20.8	327.8	327.8	3379
3434 >E	Buchanan North 345kV Voltage	SBK Edic R70	22.2	327.8	327.9	3470
3434 >E	Millwood 345kV Voltage	SBK Princetown 345	20.6	327.8	327.6	3068
3435 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	22.1	327.8	327.9	3382
3435 >E	Millwood 345kV Voltage	Volney-Marcy	20.8	327.8	327.6	3343
3435 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	22.2	327.8	327.8	3420
3436 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	46.1	500	500.0	3420
3438 >E	Ramapo 500kV Voltage	Pre-Fault	46.2	NA	500	3438
3438 >E	Buchanan North 345kV Voltage	Volney-Marcy	22.1	327.8	327.7	3345
3439 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	16.9	327.8	336.5	2333

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3441 >E	Ramapo 500kV Voltage	SBK Edic R70	46.7	500	499.9	3477
3441 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	17.0	327.8	336.4	2439
3441 >E	Bowline 1 345kV Voltage	SBK Edic R945	17.0	327.8	336.4	2439
3446 >E	Roseton 345kV Voltage	Marcy South S.	17.3	327.8	337.3	3721
3447 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	16.8	327.8	336.6	2337
3448 >E	Millwood 345kV Voltage	SBK Marcy R3108	21.1	327.8	327.0	3272
3448 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	17.0	327.8	336.5	2443
3448 >E	Bowline 2 345kV Voltage	SBK Edic R945	17.0	327.8	336.5	2443
3451 >E	Clay 345kV Voltage	SBK Princetown 345	17.0	327.8	331.9	3082
3454 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	22.6	327.8	327.0	3277
3468 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	20.4	327.8	329.1	3096
3468 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	21.2	327.8	328.3	3415
3471 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	39.0	218.5	220.5	3292
3472 >E	Clay 345kV Voltage	SBK Marcy R3108	20.2	327.8	330.9	3293
3473 >E	Clay 345kV Voltage	Volney-Marcy	19.3	327.8	330.8	3377
3478 >E	Buchanan South 345kV Voltage	SBK Princetown 345	21.2	327.8	327.9	3104
3478 >E	Buchanan South 345kV Voltage	SBK Edic R70	21.6	327.8	327.9	3515
3479 >E	St.Lawrence 230kV Voltage	Volney-Marcy	38.1	218.5	220.3	3383
3479 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	21.6	327.8	327.8	3426
3480 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	21.6	327.8	327.8	3464
3482 >E	Station 80 345kV Voltage	Marcy South S.	20.9	327.8	334.2	3731
3483 >E	Buchanan South 345kV Voltage	Volney-Marcy	21.5	327.8	327.6	3387
3484 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	20.9	327.8	328.4	3430
3492 >E	Rock Tavern 345kV Voltage	SBK Edic R70	21.3	327.8	328.0	3529
3493 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	21.2	327.8	328.0	3439
3494 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	20.4	327.8	330.2	2467
3494 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	20.4	327.8	330.2	2467
3494 >E	Clay 345kV Voltage	Ravenswood 3	19.0	327.8	329.8	3596
3495 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	21.3	327.8	327.9	3480
3498 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	22.0	327.8	326.9	3316
3498 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	20.4	327.8	330.0	2360
3500 >E	Rock Tavern 345kV Voltage	Volney-Marcy	21.2	327.8	327.6	3403
3502 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	23.5	327.8	338.0	3664
3508 >E	St.Lawrence 230kV Voltage	SBK Edic R70	38.2	218.5	219.7	3545
3509 >E	Ramapo 500kV Voltage	Marcy South N.	66.5	500	507.1	3860
3514 >E	Leeds 345kV Voltage	Ph2 DC 1500	18.3	327.8	343.0	3672
3518 >E	Roseton 345kV Voltage	SBK Edic R945	20.2	327.8	334.6	2481
3518 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	20.2	327.8	334.6	2481
3519 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	20.1	327.8	334.6	2369

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3519 >E	Roseton 345kV Voltage	Ravenswood 3	22.2	327.8	334.6	3621
3522 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	39.2	218.5	219.3	3140
3529 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	22.8	327.8	328.7	3474
3531 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	20.2	327.8	328.0	3477
3531 >E	Clay 345kV Voltage	N.Scot-Leeds 345	20.3	327.8	327.9	3477
3533 >E	Ladentown 345kV Voltage	Marcy South S.	19.0	327.8	330.8	3745
3533 >E	Clay 345kV Voltage	Princetown-N.Scot 345	20.3	327.8	327.9	3517
3533 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	22.1	327.8	326.1	3347
3538 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	25.5	327.8	339.1	3689
3538 >E	St.Lawrence 230kV Voltage	Ravenswood 3	42.3	218.5	218.9	3640
3544 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	33.1	327.8	337.2	3693
3551 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	23.5	327.8	327.8	3589
3551 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	23.5	327.8	327.8	3535
3553 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	23.5	327.8	327.7	3499
3556 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	23.5	327.8	327.6	3455
3558 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	42.7	218.5	218.5	3542
3560 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	42.8	218.5	218.5	3505
3560 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	42.8	218.5	218.4	3504
3560 >E	Ramapo 345kV Voltage	Marcy South S.	20.5	327.8	329.3	3753
3568 >E	Pannell Road 345kV Voltage	SBK Princetown 345	24.1	327.8	330.4	3178
3568 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	23.5	327.8	327.0	3178
3569 >E	Bowline 1 345kV Voltage	Marcy South S.	19.2	327.8	331.1	3755
3570 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	23.9	327.8	327.0	3380
3576 >E	Bowline 2 345kV Voltage	Marcy South S.	19.1	327.8	331.2	3757
3577 >E	Ramapo 345kV Voltage	SBK Princetown 345	24.3	327.8	328.6	3185
3578 >E	Pannell Road 345kV Voltage	Ravenswood 3	25.3	327.8	330.0	3679
3580 >E	Coopers Corners 345kV Voltage	Marcy South N.	21.2	327.8	312.8	3863
3583 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	24.7	327.8	328.4	3527
3589 >E	Ladentown 345kV Voltage	SBK Princetown 345	23.3	327.8	328.4	3195
3590 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	23.5	327.8	328.4	3534
3594 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	25.0	327.8	327.9	3539
3594 >E	Ramapo 345kV Voltage	SBK Edic R70	25.2	327.8	327.9	3634
3596 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	25.1	327.8	327.8	3580
3598 >E	Ramapo 345kV Voltage	Volney-Marcy	25.0	327.8	327.7	3494
3599 >E	Pannell Road 345kV Voltage	Volney-Marcy	26.5	327.8	329.2	3495
3600 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	20.1	327.8	327.8	2525
3600 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	20.1	327.8	327.8	2406

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3600 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	20.1	327.8	327.8	3544
3600 >E	Leeds 345kV Voltage	SBK Edic R945	20.1	327.8	327.8	2525
3600 >E	Leeds 345kV Voltage	Volney-Marcy	20.1	327.8	327.8	3496
3600 >E	Leeds 345kV Voltage	SBK Marcy R3108	20.1	327.8	327.8	3406
3600 >E	Leeds 345kV Voltage	SBK Edic R70	20.1	327.8	327.8	3639
3600 >E	Leeds 345kV Voltage	SBK Princetown 345	20.1	327.8	327.8	3204
3600 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	20.1	327.8	327.8	3584
3600 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	20.1	327.8	327.8	3545
3600 >E	Leeds 345kV Voltage	Ravenswood 3	20.1	327.8	327.8	3701
3601 >E	Millwood 345kV Voltage	Ph2 DC 1500	33.1	327.8	337.2	3732
3603 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	23.9	327.8	327.9	3547
3603 >E	Ladentown 345kV Voltage	SBK Edic R70	24.0	327.8	327.9	3642
3604 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	23.9	327.8	327.8	3588
3607 >E	Ladentown 345kV Voltage	Volney-Marcy	23.9	327.8	327.7	3502
3607 >E	Station 80 345kV Voltage	Ravenswood 3	27.8	327.8	330.1	3708
3611 >E	Station 80 345kV Voltage	SBK Princetown 345	27.0	327.8	329.9	3213
3616 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	38.9	327.8	335.8	3742
3617 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	28.0	327.8	328.6	3422
3619 >E	Rock Tavern 345kV Voltage	Marcy South S.	20.2	327.8	322.1	3769
3619 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	39.2	327.8	335.7	3744
3623 >E	Ramapo 345kV Voltage	SBK Marcy R3108	25.7	327.8	326.7	3427
3627 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	32.3	327.8	338.2	3750
3629 >E	Ladentown 345kV Voltage	SBK Marcy R3108	24.5	327.8	326.8	3433
3630 >E	Clay 345kV Voltage	SBK Edic R70	23.9	327.8	323.1	3670
3633 >E	Bowline 1 345kV Voltage	SBK Princetown 345	23.6	327.8	328.5	3231
3635 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	23.8	327.8	328.4	3578
3636 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	27.1	327.8	327.9	3581
3637 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	27.2	327.8	327.8	3580
3638 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	27.2	327.8	327.8	3621
3642 >E	Bowline 2 345kV Voltage	SBK Princetown 345	23.5	327.8	328.5	3238
3644 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	23.7	327.8	328.4	3587
3644 >E	Station 80 345kV Voltage	Volney-Marcy	29.4	327.8	328.8	3537
3648 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	24.2	327.8	327.9	3592
3648 >E	Bowline 1 345kV Voltage	SBK Edic R70	24.3	327.8	327.9	3688
3649 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	24.2	327.8	327.8	3633
3652 >E	Bowline 1 345kV Voltage	Volney-Marcy	24.1	327.8	327.7	3544
3657 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr	24.1	327.8	327.9	3601

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3658 >E	Bowline 2 345kV Voltage	SBK Edic R70	24.2	327.8	327.9	3698
3659 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	24.1	327.8	327.8	3642
3661 >E	Bowline 2 345kV Voltage	Volney-Marcy	24.1	327.8	327.7	3553
3664 >E	Ramapo 345kV Voltage	Ph2 DC 1500	31.7	327.8	339.3	3775
3665 >E	Millwood 345kV Voltage	Marcy South N.	35.0	327.8	336.2	3867
3671 >E	Station 80 345kV Voltage	SBK Marcy R3108	31.1	327.8	327.9	3470
3673 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	29.9	327.8	327.8	3617
3674 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	29.9	327.8	327.8	3616
3674 >E	Station 80 345kV Voltage	Princeton-N.Scot 345	29.9	327.8	327.8	3658
3676 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	24.8	327.8	326.7	3474
3684 >E	Dunwoodie 345kV Voltage	Marcy South N.	41.7	327.8	334.8	3868
3686 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	24.7	327.8	326.7	3482
3687 >E	Sprain Brook 345kV Voltage	Marcy South N.	41.6	327.8	334.8	3868
3688 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	26.7	327.8	328.4	3630
3698 >E	Roseton 345kV Voltage	SBK Princeton 345	26.7	327.8	328.0	3283
3702 >E	Ladentown 345kV Voltage	Ph2 DC 1500	31.5	327.8	340.0	3801
3703 >E	Roseton 345kV Voltage	SBK Edic R70	27.3	327.8	327.9	3744
3704 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	27.2	327.8	327.8	3647
3704 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	27.2	327.8	327.8	3687
3706 >E	Pannell Road 345kV Voltage	SBK Edic R70	30.1	327.8	325.3	3747
3709 >E	Roseton 345kV Voltage	Volney-Marcy	27.2	327.8	327.6	3597
3722 >E	Somerset 345kV Voltage	Marcy South N.	30.7	327.8	343.6	3869
3733 >E	Roseton 345kV Voltage	Ph2 DC 1500	30.3	327.8	339.8	3823
3733 >E	Station 80 345kV Voltage	SBK Edic R70	32.6	327.8	325.8	3775
3733 >E	Roseton 345kV Voltage	SBK Marcy R3108	27.8	327.8	326.7	3525
3742 >E	Roseton 345kV Voltage	Marcy South N.	29.7	327.8	339.6	3870
3750 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	31.4	327.8	340.8	3834
3764 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	31.4	327.8	341.0	3844
3765 >E	Buchanan South 345kV Voltage	Marcy South N.	36.3	327.8	336.0	3871
3782 >E	Buchanan North 345kV Voltage	Marcy South N.	40.6	327.8	333.5	3872
3792 >E	Coopers Corners 345kV Voltage	Marcy South S.	19.6	327.8	279.8	3818
3803 >E	Watercure 230kV Voltage	Ph2 DC 1500	35.8	207	228.7	3871
3811 >E	Niagara 230kV East Voltage	Pre-Fault	81.9	NA	225	3811
3811 >E	Niagara 230kV West Voltage	Pre-Fault	81.9	NA	225	3811
3825 >E	Somerset 345kV Voltage	Pre-Fault	49.7	NA	338	3825
3878 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	33.3	327.8	336.9	2531
3882 >E	Rock Tavern 345kV Voltage	Marcy South N.	33.5	327.8	328.8	3877
3893 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	33.9	327.8	336.6	2685

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3893 >E	Somerset 345kV Voltage	SBK Edic R945	33.9	327.8	336.6	2685
3893 >E	Somerset 345kV Voltage	Ph2 DC 1500	37.2	327.8	341.0	3933
3904 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	38.3	207	230.0	2542
3955 >E	Watercure 230kV Voltage	SBK Edic R945	40.5	207	229.9	2719
3955 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	40.5	207	229.9	2719
3957 >E	Rainey 345kV Voltage	Ravenswood 3	45.4	327.8	342.0	4057
4015 >E	Ladentown 345kV Voltage	Marcy South N.	40.2	327.8	334.8	3883
4019 >E	Farragut 345kV Voltage	Ravenswood 3	48.3	327.8	341.3	4119
4025 >E	Somerset 345kV Voltage	Marcy South S.	37.8	327.8	334.0	3883
4034 >E	Ramapo 345kV Voltage	Marcy South N.	42.6	327.8	333.2	3884
4085 >E	Bowline 1 345kV Voltage	Marcy South N.	40.4	327.8	335.2	3886
4101 >E	Bowline 2 345kV Voltage	Marcy South N.	40.3	327.8	335.4	3887
4162 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	71.4	218.5	220.7	2658
4162 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	71.4	218.5	220.7	2658
4173 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	72.1	218.5	220.6	2838
4173 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	72.1	218.5	220.6	2838
4173 >E	Niagara 230kV East Voltage	SBK Edic R945	72.1	218.5	220.6	2838
4173 >E	Niagara 230kV West Voltage	SBK Edic R945	72.1	218.5	220.6	2838
4200 >E	Somerset 345kV Voltage	Ravenswood 3	46.0	327.8	330.5	4300
4241 >E	Somerset 345kV Voltage	SBK Princetown 345	46.1	327.8	329.6	3727
4247 >E	Niagara 230kV East Voltage	Marcy South S.	75.8	218.5	219.7	3946
4247 >E	Niagara 230kV West Voltage	Marcy South S.	75.8	218.5	219.7	3946
4254 >E	Rainey 345kV Voltage	Pre-Fault	74.8	NA	338	4254
4278 >E	Farragut 345kV Voltage	Pre-Fault	78.9	NA	338	4278
4293 >E	Niagara 230kV East Voltage	Ravenswood 3	80.0	218.5	219.1	4392
4293 >E	Niagara 230kV West Voltage	Ravenswood 3	80.0	218.5	219.1	4392
4317 >E	Somerset 345kV Voltage	Volney-Marcy	49.5	327.8	328.1	4164
4319 >E	Niagara 230kV East Voltage	SBK Princetown 345	80.5	218.5	218.8	3791
4319 >E	Niagara 230kV West Voltage	SBK Princetown 345	80.5	218.5	218.8	3791
4332 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	49.7	327.8	327.8	4313
4333 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	49.7	327.8	327.8	4267
4334 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	49.8	327.8	327.8	4262
4344 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	82.0	218.5	218.5	4324
4344 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	82.0	218.5	218.5	4324
4344 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	82.0	218.5	218.5	4278
4344 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	82.0	218.5	218.5	4278
4344 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	82.0	218.5	218.5	4272
4344 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	82.0	218.5	218.5	4272

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4346 >E	Niagara 230kV East Voltage	Volney-Marcy	82.2	218.5	218.5	4190
4346 >E	Niagara 230kV West Voltage	Volney-Marcy	82.2	218.5	218.5	4190
4365 >E	Niagara 230kV East Voltage	SBK Edic R70	83.6	218.5	218.2	4419
4365 >E	Niagara 230kV West Voltage	SBK Edic R70	83.6	218.5	218.2	4419
4386 >E	Niagara 230kV East Voltage	SBK Marcy R3108	84.5	218.5	218.0	4103
4386 >E	Niagara 230kV West Voltage	SBK Marcy R3108	84.5	218.5	218.0	4103
4413 >E	Somerset 345kV Voltage	SBK Marcy R3108	53.2	327.8	326.2	4128
4415 >E	Somerset 345kV Voltage	SBK Edic R70	53.1	327.8	326.1	4471
4452 >E	Goethals 345kV Voltage	Ravenswood 3	65.6	327.8	340.0	4551
4513 >E	Rainey 345kV Voltage	Marcy South S.	56.0	327.8	334.5	4020
4557 >E	Farragut 345kV Voltage	Marcy South S.	58.9	327.8	334.5	4033
4661 >E	Goethals 345kV Voltage	Pre-Fault	105.1	NA	338	4661
4663 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	61.5	327.8	332.5	2883
4670 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	61.9	327.8	332.4	3109
4670 >E	Rainey 345kV Voltage	SBK Edic R945	61.9	327.8	332.4	3109
4710 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	64.5	327.8	332.5	2904
4718 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	65.0	327.8	332.4	3135
4718 >E	Farragut 345kV Voltage	SBK Edic R945	65.0	327.8	332.4	3135
4982 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	73.6	327.8	328.3	4896
5008 >E	Rainey 345kV Voltage	SBK Princetown 345	74.2	327.8	327.9	4353
5017 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	74.8	327.8	327.8	4995
5018 >E	Rainey 345kV Voltage	SBK Edic R70	74.9	327.8	327.8	5085
5018 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	74.8	327.8	327.8	4942
5024 >E	Rainey 345kV Voltage	Volney-Marcy	74.9	327.8	327.7	4821
5046 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	77.6	327.8	328.3	4959
5064 >E	Rainey 345kV Voltage	SBK Marcy R3108	76.2	327.8	327.2	4705
5072 >E	Goethals 345kV Voltage	Marcy South S.	79.6	327.8	334.1	4177
5073 >E	Farragut 345kV Voltage	SBK Princetown 345	78.2	327.8	327.9	4406
5074 >E	Niagara 345kV Voltage	Marcy South N.	71.2	327.8	346.0	3931
5083 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	78.9	327.8	327.8	5060
5083 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	78.9	327.8	327.8	5007
5083 >E	Farragut 345kV Voltage	SBK Edic R70	79.0	327.8	327.8	5152
5089 >E	Farragut 345kV Voltage	Volney-Marcy	78.9	327.8	327.7	4883
5094 >E	Niagara 345kV Voltage	Pre-Fault	101.6	NA	338	5094
5131 >E	Farragut 345kV Voltage	SBK Marcy R3108	80.3	327.8	327.2	4764
5149 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	70.2	327.8	337.5	3102
5196 >E	Niagara 345kV Voltage	SBK Edic R945	71.7	327.8	337.0	3395
5196 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	71.7	327.8	337.0	3395
5234 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	85.7	327.8	332.5	3140

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5257 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	86.7	327.8	332.3	3429
5257 >E	Goethals 345kV Voltage	SBK Edic R945	86.7	327.8	332.3	3429
5463 >E	Gardenville 230kV Voltage	Pre-Fault	130.2	NA	217	5463
5481 >E	Niagara 345kV Voltage	Ph2 DC 1500	85.5	327.8	343.6	5026
5495 >E	Niagara 345kV Voltage	Marcy South S.	80.4	327.8	334.1	4296
5678 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	94.4	207	215.3	3339
5685 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	103.4	327.8	328.3	5585
5717 >E	Goethals 345kV Voltage	SBK Princetown 345	104.1	327.8	327.9	4932
5728 >E	Gardenville 230kV Voltage	SBK Edic R945	96.3	207	215.0	3685
5728 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	96.3	207	215.0	3685
5733 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	105.1	327.8	327.8	5708
5733 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	105.1	327.8	327.8	5647
5734 >E	Goethals 345kV Voltage	SBK Edic R70	105.2	327.8	327.8	5815
5740 >E	Goethals 345kV Voltage	Volney-Marcy	105.1	327.8	327.7	5488
5793 >E	Goethals 345kV Voltage	SBK Marcy R3108	107.0	327.8	327.2	5351
5853 >E	Niagara 345kV Voltage	Ravenswood 3	94.2	327.8	330.5	5949
5950 >E	Niagara 345kV Voltage	SBK Princetown 345	95.6	327.8	329.6	5122
6042 >E	Rainey 345kV Voltage	Ph2 DC 1500	116.0	327.8	340.7	5412
6060 >E	Niagara 230kV East Voltage	Marcy South N.	203.5	218.5	229.7	3976
6060 >E	Niagara 230kV West Voltage	Marcy South N.	203.5	218.5	229.7	3976
6082 >E	Farragut 345kV Voltage	Ph2 DC 1500	119.9	327.8	340.5	5440
6132 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	101.6	327.8	327.8	6105
6136 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	101.7	327.8	327.7	6044
6138 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	101.8	327.8	327.7	6028
6141 >E	Niagara 345kV Voltage	Volney-Marcy	102.1	327.8	327.7	5862
6282 >E	Gardenville 230kV Voltage	Marcy South S.	114.8	207	210.7	4517
6310 >E	Niagara 345kV Voltage	SBK Edic R70	107.9	327.8	326.0	6402
6349 >E	Rainey 345kV Voltage	Marcy South N.	126.3	327.8	339.3	3989
6401 >E	Farragut 345kV Voltage	Marcy South N.	130.8	327.8	339.1	3992
6423 >E	Niagara 345kV Voltage	SBK Marcy R3108	111.0	327.8	324.9	5910
6447 >E	Gardenville 230kV Voltage	Ravenswood 3	119.9	207	209.4	6542
6632 >E	Gardenville 230kV Voltage	SBK Princetown 345	126.2	207	208.0	5678
6767 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	130.3	207	207.0	6737
6773 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	130.6	207	206.9	6672
6775 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	130.6	207	206.9	6651
6784 >E	Gardenville 230kV Voltage	Volney-Marcy	131.5	207	206.9	6461
6863 >E	Niagara 230kV East Voltage	Ph2 DC 1500	256.5	218.5	228.6	5978
6863 >E	Niagara 230kV West Voltage	Ph2 DC 1500	256.5	218.5	228.6	5978

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6914 >E	Gardenville 230kV Voltage	SBK Edic R70	135.5	207	205.9	7018
6971 >E	Gardenville 230kV Voltage	SBK Marcy R3108	138.2	207	205.4	6396
6986 >E	Goethals 345kV Voltage	Ph2 DC 1500	156.6	327.8	340.9	6062
7031 >E	Watercure 230kV Voltage	Ravenswood 3	162.4	207	220.7	7124
7490 >E	Goethals 345kV Voltage	Marcy South N.	174.7	327.8	339.3	4042
7996 >E	Watercure 230kV Voltage	SBK Princetown 345	197.0	207	217.9	6792
8897 >E	Watercure 230kV Voltage	Volney-Marcy	237.1	207	215.2	8429
8964 >E	Watercure 230kV Voltage	Pre-Fault	337.2	NA	215	8964
9141 >E	Watercure 230kV Voltage	SBK Marcy R3108	250.8	207	214.5	8321
11305 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	324.1	207	208.1	11139
11560 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	333.4	207	207.3	11510
11627 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	336.2	207	207.1	11399
14265 >E	Northport 138kV Voltage	Ph2 DC 1500	888.5	131.1	136.7	11073
15204 >E	Watercure 230kV Voltage	SBK Edic R70	474.9	207	196.5	15469
15825 >E	Northport 138kV Voltage	Marcy South N.	1008.4	131.1	135.8	4422
16556 >E	Gardenville 230kV Voltage	Marcy South N.	515.1	207	287.1	4456
18153 >E	Watercure 230kV Voltage	Marcy South S.	559.3	207	187.7	7850
49894 >E	Gardenville 230kV Voltage	Ph2 DC 1500	1690.7	207	414.8	35603
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

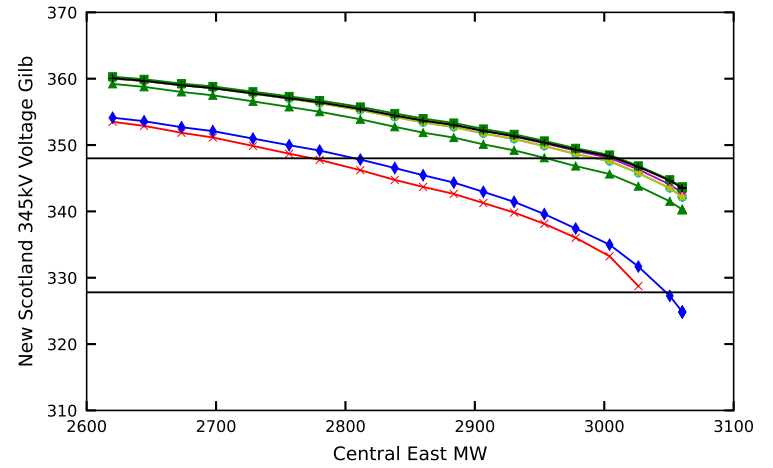
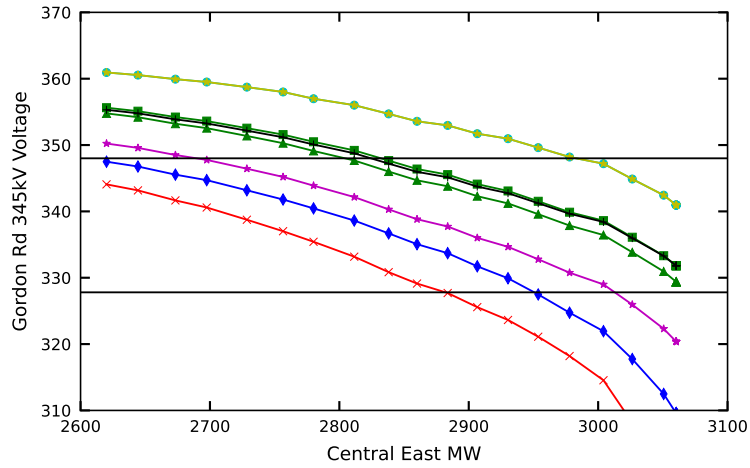
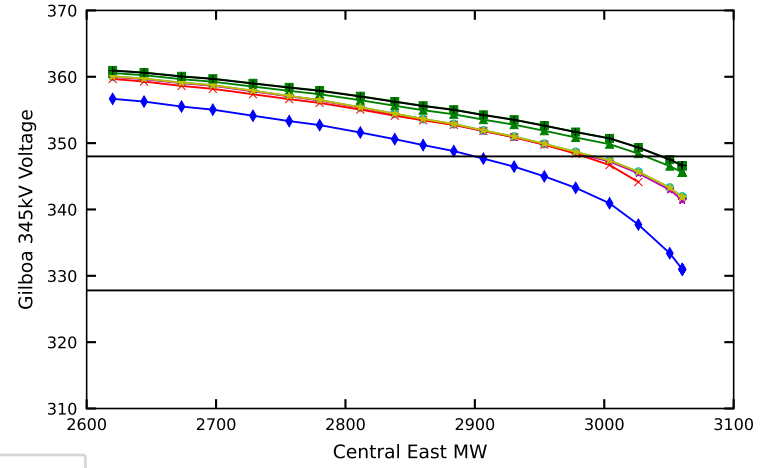
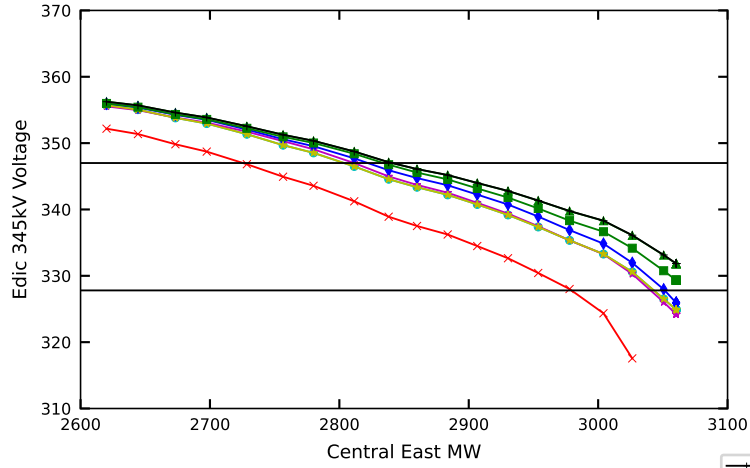
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\30_OS\Sum2023_CEVC_PH2_50_30_OS.xlsx

1: 2023S CEVC PH2 CE2620 MS2270 DE1420 50 30_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998

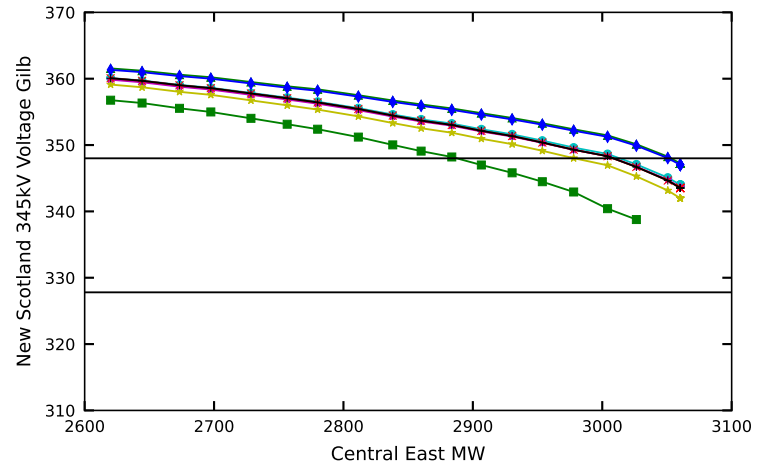
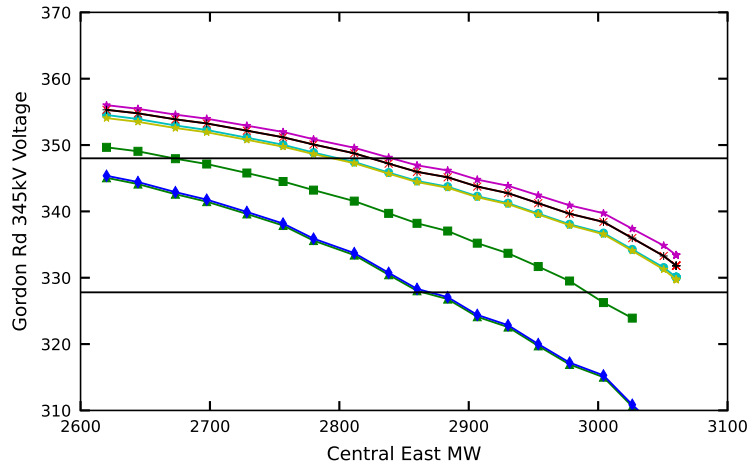
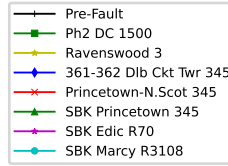
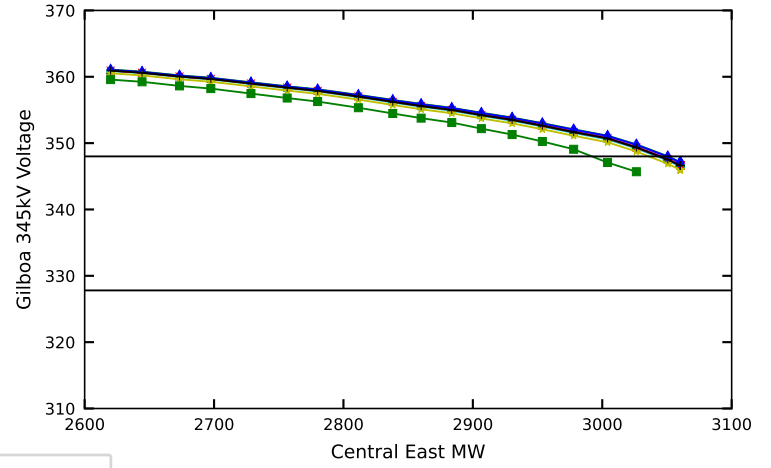
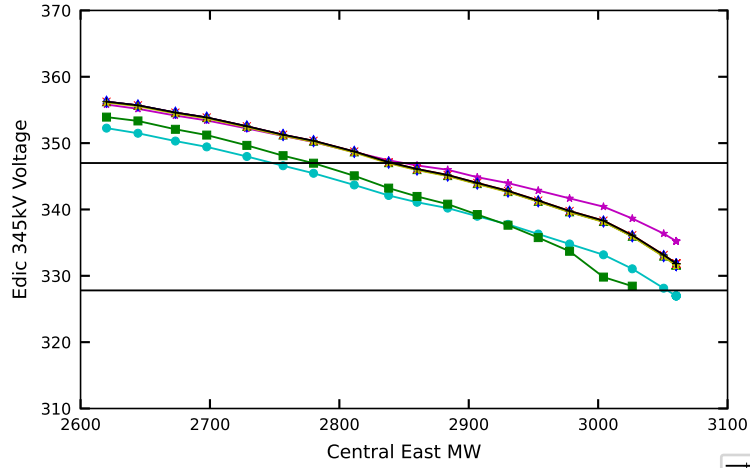
Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_05 Figure 1

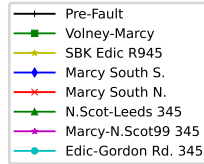
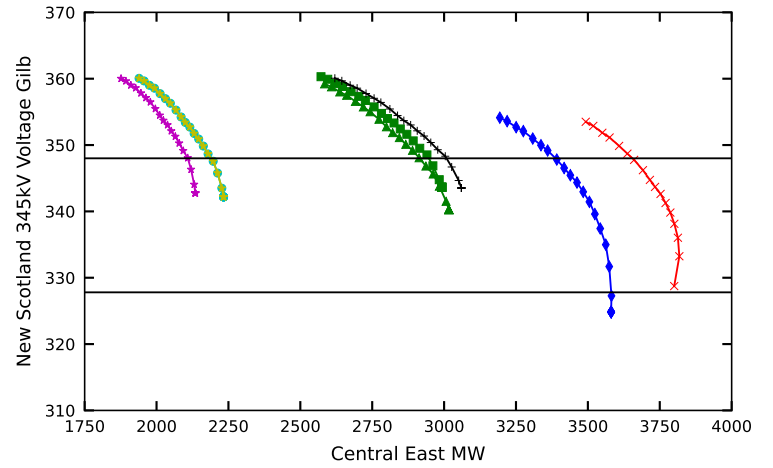
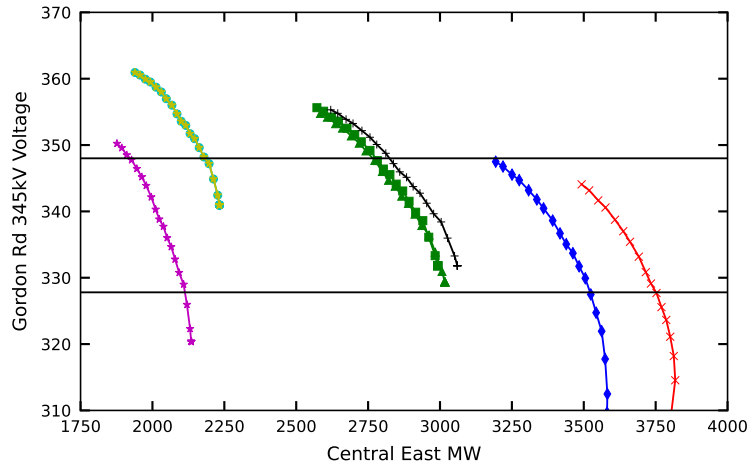
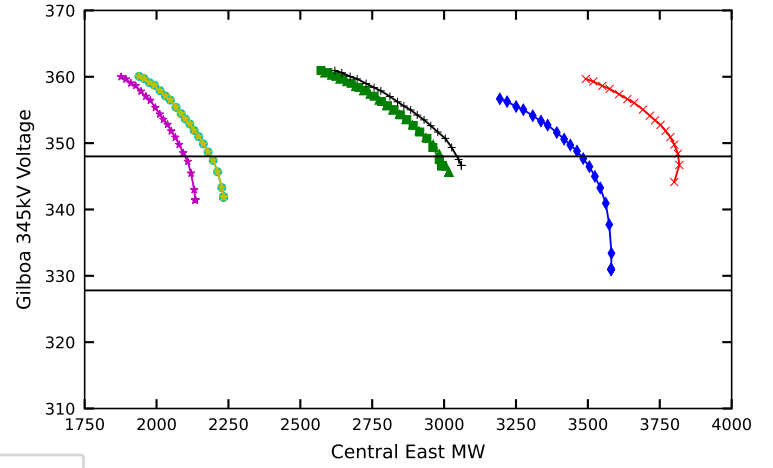
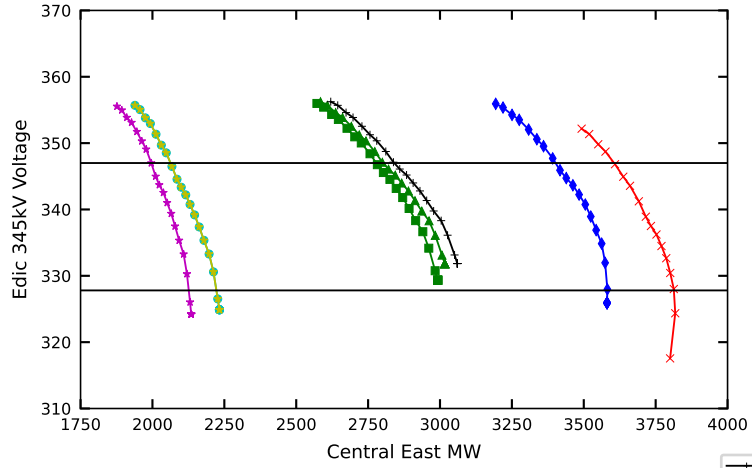


- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

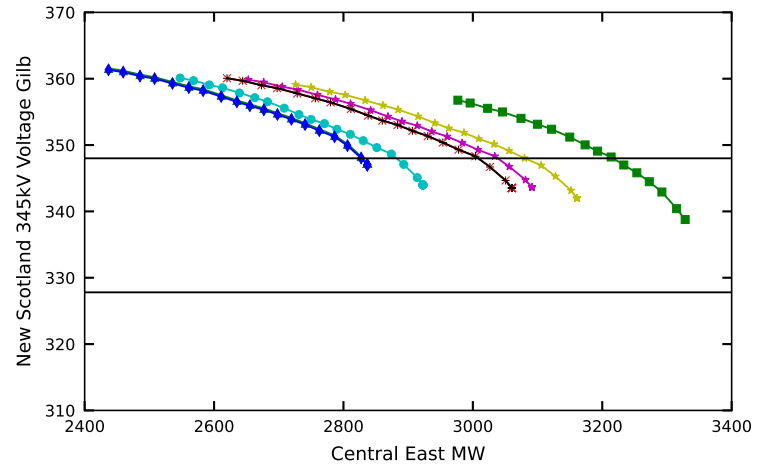
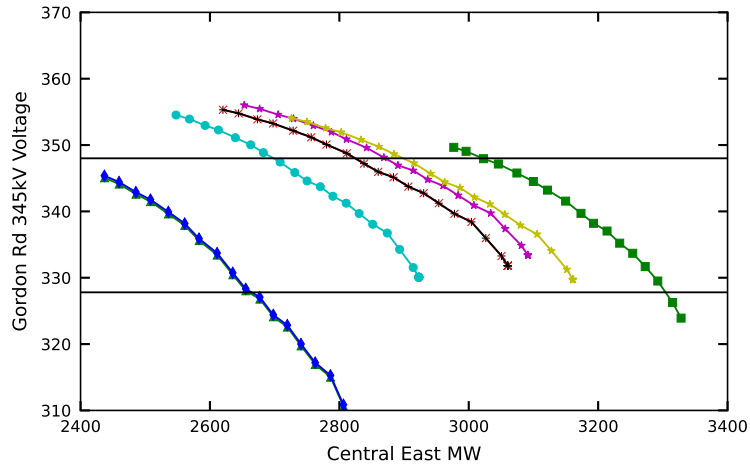
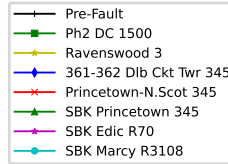
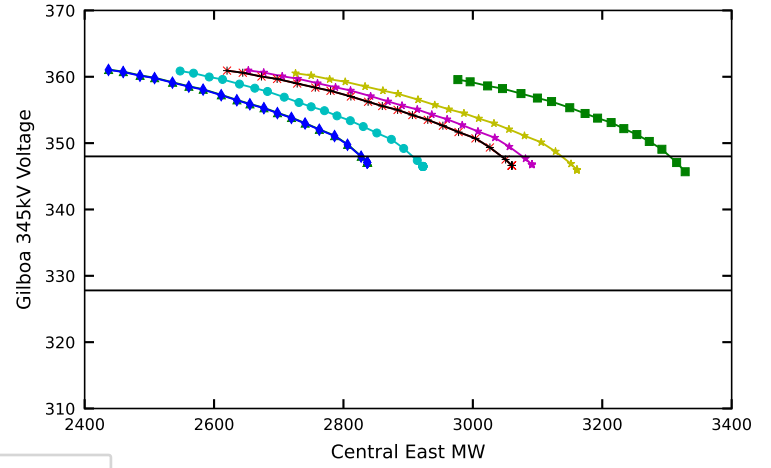
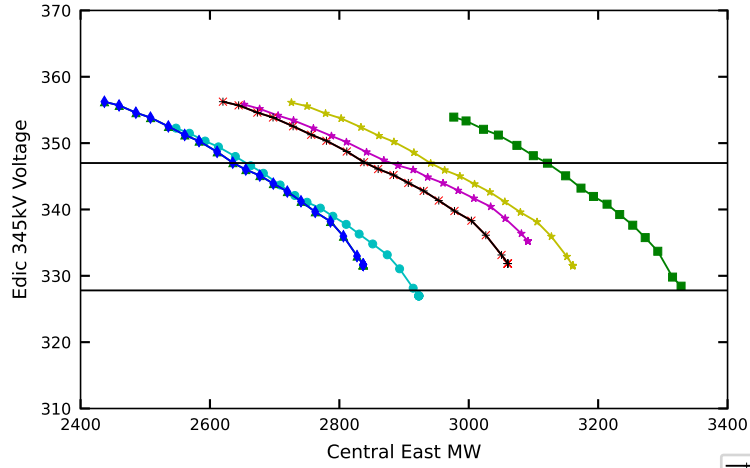
1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_05 Figure 2



1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_0S Figure 1



1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_05 Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2620	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2644	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2673	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2697	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2728	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2756	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2780	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2811	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2838	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2860	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2883	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2906	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2930	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2953	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2977	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
3004	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
3026	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7															
3050	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	8															
3060	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	9															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	0															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	1															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	2															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	3															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	4															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Interface: Central East

Twr 345																								
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																								
wood 3																								
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2
Ph2 DC																								
1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2529 <E	Dunwoodie 345kV Voltage	Pre-Fault	109.1	NA	348	2529
2541 <E	Sprain Brook 345kV Voltage	Pre-Fault	109.3	NA	348	2541
2823	Marcy 345kV Voltage	Pre-Fault	16.3	NA	348	2823
2824	Gordon Rd 345kV Voltage	Pre-Fault	17.1	NA	348	2824
2840	Edic 345kV Voltage	Pre-Fault	21.3	NA	347	2840
2853	limit with 5% margin	Marcy South N.	NA	NA	NA	3627
2864	Gordon Rd 345kV Voltage	SBK Princetown 345	19.0	327.8	345.8	2659
2865	Millwood 345kV Voltage	Pre-Fault	124.8	NA	348	2865
2869	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	18.9	327.8	345.6	2664
2875	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3161
2882	Gordon Rd 345kV Voltage	Marcy South N.	16.6	327.8	345.2	3751
2898	limit with 5% margin	Marcy South S.	NA	NA	NA	3402
2907	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2028
2907	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2776
2907	limit with 5% margin	SBK Edic R70	NA	NA	NA	2936
2907	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2121
2907	limit with 5% margin	SBK Edic R945	NA	NA	NA	2121
2907	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2865
2907	limit with 5% margin	Volney-Marcy	NA	NA	NA	2842
2907	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2695
2907	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2907
2907	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2695
2907	limit with 5% margin	Ravenswood 3	NA	NA	NA	3002
2950	Gordon Rd 345kV Voltage	Marcy South S.	9.6	327.8	341.4	3521
2958	Buchanan North 345kV Voltage	Pre-Fault	62.2	NA	346	2958
2979	Edic 345kV Voltage	Marcy South N.	7.2	327.8	339.7	3813
2980	Marcy 345kV Voltage	Marcy South N.	7.1	327.8	339.5	3813
2991	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.1	327.8	339.0	3304
3006 >E	Oakdale 345kV Voltage	Marcy South N.	7.0	320	342.6	3818
3008	New Scotland 345kV Voltage Alps	Pre-Fault	13.7	NA	348	3008
3008	New Scotland 345kV Voltage Gilb	Pre-Fault	13.7	NA	348	3008
3012	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.3	327.8	337.5	2112
3035	Rock Tavern 345kV Voltage	Pre-Fault	17.1	NA	348	3035
3036 >E	Edic 345kV Voltage	Ph2 DC 1500	16.3	327.8	335.1	3334
3037	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.8	327.8	339.5	2124
3038 >E	Marcy 345kV Voltage	Ph2 DC 1500	16.8	327.8	334.8	3335
3038	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.9	327.8	334.5	2219
3038	Marcy 345kV Voltage	SBK Edic R945	5.9	327.8	334.5	2219
3040	Edic 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	334.4	2126

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3040	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	339.1	2221
3040	Coopers Corners 345kV Voltage	SBK Edic R945	6.0	327.8	339.1	2221
3043	Edic 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	334.1	2222
3043	Edic 345kV Voltage	SBK Edic R945	6.0	327.8	334.1	2222
3044	Gilboa 345kV Voltage	Pre-Fault	13.4	NA	348	3044
3045	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	333.6	2128
3046	Pleasant Valley 345kV Voltage	Pre-Fault	22.4	NA	348	3046
3047	New Scotland 345kV Voltage Alps	Marcy South S.	5.5	327.8	344.9	3581
3047	New Scotland 345kV Voltage Gilb	Marcy South S.	5.5	327.8	344.9	3581
3050	Fraser 345kV Voltage	Pre-Fault	7.6	NA	338	3050
3051 >E	Edic 345kV Voltage	Marcy South S.	6.1	327.8	333.0	3582
3051	Coopers Corners 345kV Voltage	Pre-Fault	9.3	NA	338	3051
3052 >E	Marcy 345kV Voltage	Marcy South S.	6.0	327.8	332.7	3582
3053	Edic 345kV Voltage	SBK Marcy R3108	8.3	327.8	332.8	2916
3054	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	337.4	2132
3055 >E	New Scotland 345kV Voltage Alps	Marcy South N.	9.4	327.8	346.4	3827
3055 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	9.4	327.8	346.4	3827
3056	Buchanan South 345kV Voltage	Pre-Fault	23.6	NA	346	3056
3056	Station 80 345kV Voltage	Pre-Fault	16.9	NA	346	3056
3059	Fraser 345kV Voltage	SBK Edic R945	4.7	327.8	336.7	2232
3059	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.7	327.8	336.7	2232
3060 >E	Oakdale 345kV Voltage	Pre-Fault	13.6	NA	335	3060
3061 >E	Pannell Road 345kV Voltage	Pre-Fault	20.4	NA	346	3061
3071 >E	Marcy 345kV Voltage	Volney-Marcy	6.8	327.8	330.3	3002
3072 >E	Clay 345kV Voltage	Pre-Fault	10.2	NA	345	3072
3072 >E	Edic 345kV Voltage	Volney-Marcy	8.2	327.8	330.3	3004
3074 >E	Oakdale 345kV Voltage	SBK Edic R945	2.9	320	330.5	2240
3075 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	6.6	327.8	329.5	2936
3075 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.1	320	330.1	2243
3075 >E	Gordon Rd 345kV Voltage	Ravenswood 3	8.2	327.8	329.9	3178
3078 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.7	320	332.3	2142
3082 >E	Gilboa 345kV Voltage	Marcy South S.	5.6	327.8	345.2	3592
3085 >E	Edic 345kV Voltage	Ravenswood 3	6.8	327.8	328.7	3188
3085 >E	Marcy 345kV Voltage	Ravenswood 3	6.8	327.8	328.5	3189
3086 >E	Edic 345kV Voltage	SBK Princetown 345	6.8	327.8	328.6	2855
3088 >E	Ramapo 500kV Voltage	SBK Edic R945	6.7	500	504.6	2247
3088 >E	Marcy 345kV Voltage	SBK Marcy R3108	7.4	327.8	327.8	2948
3088 >E	Marcy 345kV Voltage	SBK Edic R70	7.4	327.8	327.8	3120
3091 >E	Marcy 345kV Voltage	SBK Princetown 345	8.1	327.8	327.8	2859
3091 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	8.1	327.8	327.8	3091
3091 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr	8.1	327.8	327.8	2862

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3091 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	8.1	327.8	328.0	2862
3092 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	8.2	327.8	327.8	3092
3093 >E	Edic 345kV Voltage	Princetown-N.Scot 345	8.2	327.8	327.8	3093
3094 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	8.1	500	504.0	2257
3098 >E	Gordon Rd 345kV Voltage	SBK Edic R70	6.7	327.8	326.1	3130
3101 >E	Gordon Rd 345kV Voltage	Volney-Marcy	10.2	327.8	326.8	3032
3104 >E	Gilboa 345kV Voltage	SBK Edic R945	3.1	327.8	335.8	2255
3107 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	334.9	2267
3113 >E	Gordon Rd 345kV Voltage	SBK Edic R945	4.0	327.8	314.7	2260
3115 >E	Coopers Corners 345kV Voltage	Ravenswood 3	10.2	327.8	333.1	3221
3117 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.0	327.8	332.0	2274
3118 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	4.0	327.8	327.7	2263
3118 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	4.0	327.8	327.7	2263
3118 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	4.0	327.8	327.7	2275
3118 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	4.0	327.8	327.7	2275
3119 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	312.8	2275
3121 >E	Fraser 345kV Voltage	SBK Marcy R3108	7.0	327.8	327.8	2978
3121 >E	Fraser 345kV Voltage	SBK Edic R70	7.0	327.8	327.8	3154
3122 >E	Rock Tavern 345kV Voltage	SBK Edic R945	4.5	327.8	337.3	2265
3122 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	8.2	327.8	332.5	2887
3123 >E	Edic 345kV Voltage	SBK Edic R70	8.5	327.8	323.4	3156
3123 >E	Clay 345kV Voltage	SBK Edic R945	4.5	327.8	330.5	2266
3125 >E	Ladentown 345kV Voltage	Pre-Fault	20.4	NA	346	3125
3127 >E	Fraser 345kV Voltage	Marcy South S.	7.6	327.8	327.8	3606
3129 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	5.1	327.8	336.2	2283
3132 >E	Oakdale 345kV Voltage	SBK Marcy R3108	6.5	320	324.0	2988
3133 >E	Coopers Corners 345kV Voltage	SBK Edic R70	8.7	327.8	329.2	3166
3135 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	19.9	500	504.9	2166
3136 >E	Ramapo 345kV Voltage	Pre-Fault	40.8	NA	346	3136
3138 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	10.2	327.8	331.4	2891
3138 >E	Leeds 345kV Voltage	Pre-Fault	10.2	NA	345	3138
3140 >E	Clay 345kV Voltage	Marcy South N.	11.8	327.8	345.6	3844
3140 >E	Pannell Road 345kV Voltage	SBK Edic R945	5.1	327.8	332.2	2275
3140 >E	Oakdale 345kV Voltage	Ph2 DC 1500	8.3	320	327.1	3395
3141 >E	Leeds 345kV Voltage	Marcy South S.	6.8	327.8	348.3	3611
3146 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	6.3	327.8	338.6	2170
3148 >E	Fraser 345kV Voltage	Ph2 DC 1500	10.0	327.8	328.2	3400
3149 >E	Fraser 345kV Voltage	Volney-Marcy	10.2	327.8	327.8	3081

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3149 >E	Fraser 345kV Voltage	SBK Princetown 345	10.2	327.8	327.8	2900
3149 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	10.2	327.8	327.8	3149
3149 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	10.2	327.8	327.8	2910
3149 >E	Fraser 345kV Voltage	Ravenswood 3	10.2	327.8	327.8	3260
3151 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	5.8	327.8	330.2	2299
3152 >E	Ramapo 500kV Voltage	Ravenswood 3	40.8	500	505.1	3263
3153 >E	Station 80 345kV Voltage	SBK Edic R945	5.8	327.8	329.7	2281
3153 >E	Ramapo 500kV Voltage	Ph2 DC 1500	60.0	500	507.1	3403
3159 >E	Coopers Corners 345kV Voltage	Volney-Marcy	10.2	327.8	329.8	3090
3163 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	14.1	327.8	329.6	3409
3163 >E	Oakdale 345kV Voltage	SBK Edic R70	6.7	320	319.3	3198
3165 >E	Roseton 345kV Voltage	Pre-Fault	20.4	NA	345	3165
3166 >E	Oakdale 345kV Voltage	Marcy South S.	6.5	320	318.4	3619
3168 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	327.0	2311
3169 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	332.6	2311
3169 >E	Buchanan North 345kV Voltage	SBK Edic R945	8.1	327.8	332.6	2290
3171 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	7.4	327.8	330.5	2180
3171 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	7.4	327.8	330.5	2180
3172 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	327.8	2313
3172 >E	Leeds 345kV Voltage	SBK Edic R945	4.5	327.8	327.8	2291
3175 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	13.6	327.8	335.8	3416
3175 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	13.6	327.8	335.8	3416
3177 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	333.4	2317
3178 >E	Bowline 1 345kV Voltage	Pre-Fault	20.4	NA	345	3178
3181 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	10.4	327.8	324.1	3032
3185 >E	Millwood 345kV Voltage	SBK Edic R945	8.1	327.8	331.8	2299
3186 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	13.6	327.8	327.8	3186
3186 >E	Oakdale 345kV Voltage	Volney-Marcy	10.2	320	325.7	3118
3188 >E	Bowline 2 345kV Voltage	Pre-Fault	20.4	NA	345	3188
3188 >E	Ladentown 345kV Voltage	SBK Edic R945	6.7	327.8	336.5	2300
3188 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	8.2	327.8	327.8	3188
3188 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	8.2	327.8	327.8	3188
3192 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	6.7	327.8	327.6	2302
3194 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	10.1	327.8	331.7	2330
3194 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	332.5	2330
3194 >E	Buchanan South 345kV Voltage	SBK Edic R945	8.1	327.8	332.5	2303
3195 >E	Sprain Brook 345kV Voltage	SBK Edic R945	10.1	327.8	328.5	2303
3196 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	9.9	327.8	336.2	2191
3197 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	8.6	327.8	327.5	3232
3197 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	8.6	327.8	327.5	3232

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3200 >E	Dunwoodie 345kV Voltage	Ravenswood 3	20.4	327.8	338.3	3315
3200 >E	Ramapo 345kV Voltage	SBK Edic R945	8.1	327.8	330.5	2306
3201 >E	Oakdale 345kV Voltage	SBK Princetown 345	10.2	320	324.6	2936
3201 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	10.2	320	324.6	2952
3202 >E	Sprain Brook 345kV Voltage	Ravenswood 3	20.4	327.8	338.3	3318
3203 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	8.8	327.8	326.8	3051
3203 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	8.8	327.8	326.8	3051
3204 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	10.2	327.8	325.8	3320
3204 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	10.2	327.8	325.8	3320
3205 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	16.2	218.5	217.6	2337
3206 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	337.5	2195
3209 >E	Pleasant Valley 345kV Voltage	Marcy South S.	12.0	327.8	340.7	3632
3214 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	334.0	2344
3217 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	10.1	327.8	328.7	2346
3219 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	323.7	2347
3221 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	10.2	327.8	323.7	3152
3221 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	10.2	327.8	323.7	3152
3226 >E	Clay 345kV Voltage	Volney-Marcy	10.2	327.8	329.9	3157
3226 >E	Bowline 1 345kV Voltage	SBK Edic R945	8.1	327.8	330.2	2320
3226 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	330.2	2353
3229 >E	Fraser 345kV Voltage	Marcy South N.	14.3	327.8	327.8	3861
3229 >E	Roseton 345kV Voltage	SBK Edic R945	8.1	327.8	333.4	2322
3229 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	333.4	2355
3230 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	334.4	2356
3230 >E	Bowline 2 345kV Voltage	SBK Edic R945	8.1	327.8	334.4	2322
3239 >E	Dunwoodie 345kV Voltage	SBK Edic R945	13.5	327.8	328.4	2327
3239 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	13.5	327.8	324.0	2362
3241 >E	St.Lawrence 230kV Voltage	SBK Edic R945	20.2	218.5	214.9	2328
3241 >E	Oakdale 345kV Voltage	Ravenswood 3	13.6	320	321.7	3361
3247 >E	Clay 345kV Voltage	Princetown-N.Scot 345	10.2	327.8	327.8	3247
3251 >E	Buchanan North 345kV Voltage	Ravenswood 3	20.4	327.8	334.0	3372
3251 >E	Ramapo 500kV Voltage	Marcy South S.	32.0	500	504.2	3646
3254 >E	Clay 345kV Voltage	Marcy South S.	11.9	327.8	333.0	3647
3254 >E	St.Lawrence 230kV Voltage	Marcy South S.	20.7	218.5	220.1	3647
3255 >E	Rock Tavern 345kV Voltage	Ravenswood 3	13.6	327.8	336.9	3376
3256 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	10.2	327.8	319.5	2996
3256 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	10.2	327.8	319.5	2996
3256 >E	Watercure 230kV Voltage	SBK Edic R945	9.0	207	210.5	2336

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3256 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	9.0	207	210.5	2375
3258 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	10.2	327.8	319.2	2976
3258 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	10.2	327.8	319.2	2976
3262 >E	Gilboa 345kV Voltage	SBK Marcy R3108	10.8	327.8	327.9	3105
3262 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	22.2	218.5	220.7	2218
3262 >E	Millwood 345kV Voltage	Ravenswood 3	20.4	327.8	334.3	3384
3263 >E	Leeds 345kV Voltage	Volney-Marcy	8.1	327.8	332.8	3194
3263 >E	Leeds 345kV Voltage	SBK Princetown 345	8.1	327.8	332.8	2980
3263 >E	Dunwoodie 345kV Voltage	Marcy South S.	16.0	327.8	331.9	3650
3264 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	13.6	320	320.0	3264
3265 >E	Gilboa 345kV Voltage	SBK Edic R70	10.8	327.8	327.6	3302
3266 >E	Sprain Brook 345kV Voltage	Marcy South S.	16.0	327.8	331.9	3651
3268 >E	Ramapo 500kV Voltage	SBK Edic R70	28.5	500	500.5	3306
3274 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	13.8	327.8	333.8	2223
3276 >E	Pannell Road 345kV Voltage	Marcy South N.	18.7	327.8	342.8	3870
3278 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	13.6	327.8	336.6	3402
3281 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	13.9	327.8	332.7	2226
3290 >E	Ramapo 500kV Voltage	SBK Marcy R3108	31.9	500	499.7	3131
3291 >E	Millwood 345kV Voltage	Marcy South S.	15.4	327.8	333.3	3658
3293 >E	Gilboa 345kV Voltage	Marcy South N.	15.3	327.8	340.2	3873
3294 >E	Pannell Road 345kV Voltage	Volney-Marcy	13.6	327.8	334.6	3225
3295 >E	Station 80 345kV Voltage	Marcy South S.	13.5	327.8	329.4	3660
3297 >E	Clay 345kV Voltage	SBK Marcy R3108	15.5	327.8	328.8	3137
3298 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	17.7	327.8	333.3	2233
3298 >E	Somerset 345kV Voltage	SBK Edic R945	10.1	327.8	334.6	2358
3300 >E	Buchanan South 345kV Voltage	Ravenswood 3	20.4	327.8	340.0	3426
3300 >E	Pannell Road 345kV Voltage	Marcy South S.	13.9	327.8	330.4	3661
3302 >E	Clay 345kV Voltage	Ravenswood 3	13.6	327.8	322.4	3428
3306 >E	Clay 345kV Voltage	SBK Princetown 345	13.6	327.8	322.0	3010
3306 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	13.6	327.8	322.0	3037
3307 >E	Gilboa 345kV Voltage	Ravenswood 3	13.6	327.8	328.5	3433
3310 >E	Leeds 345kV Voltage	Marcy South N.	13.5	327.8	349.2	3876
3313 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	10.2	327.8	327.8	3313
3313 >E	Gilboa 345kV Voltage	Ph2 DC 1500	16.1	327.8	331.7	3498
3315 >E	St.Lawrence 230kV Voltage	Marcy South N.	31.4	218.5	227.4	3877
3315 >E	Gilboa 345kV Voltage	Volney-Marcy	13.6	327.8	327.8	3246
3316 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	13.6	327.8	327.8	3316
3323 >E	Gilboa 345kV Voltage	SBK Princetown 345	13.6	327.8	327.3	3022
3323 >E	Station 80 345kV Voltage	Marcy South N.	20.4	327.8	341.2	3879
3326 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	30.9	218.5	218.3	3163

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3327 >E	Rock Tavern 345kV Voltage	SBK Edic R70	14.5	327.8	329.9	3367
3331 >E	St.Lawrence 230kV Voltage	SBK Edic R70	27.7	218.5	218.1	3371
3331 >E	St.Lawrence 230kV Voltage	Pre-Fault	81.5	NA	225	3331
3333 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	13.6	327.8	333.9	3059
3334 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	13.6	327.8	333.8	3030
3344 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	40.8	500	500.4	3068
3347 >E	Clay 345kV Voltage	SBK Edic R70	14.9	327.8	325.2	3387
3347 >E	Dunwoodie 345kV Voltage	Volney-Marcy	20.4	327.8	334.6	3278
3348 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	20.4	327.8	334.6	3072
3349 >E	Sprain Brook 345kV Voltage	Volney-Marcy	20.4	327.8	334.7	3280
3350 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	20.4	327.8	334.7	3041
3351 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	16.8	327.8	335.6	2255
3352 >E	Ramapo 500kV Voltage	Volney-Marcy	40.7	500	500.2	3283
3353 >E	Buchanan South 345kV Voltage	Marcy South S.	16.5	327.8	332.4	3678
3357 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	22.0	327.8	330.8	2257
3360 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	22.3	327.8	330.7	2258
3360 >E	Ramapo 500kV Voltage	Pre-Fault	40.8	NA	500	3360
3360 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	40.8	500	500.0	3360
3361 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	12.1	327.8	327.8	2259
3361 >E	Leeds 345kV Voltage	SBK Marcy R3108	12.1	327.8	327.8	3194
3361 >E	Leeds 345kV Voltage	SBK Edic R70	12.1	327.8	327.8	3402
3364 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	19.4	327.8	331.6	2260
3365 >E	Ramapo 345kV Voltage	Ravenswood 3	20.4	327.8	340.4	3498
3365 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	13.6	327.8	335.2	3086
3366 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	18.3	327.8	332.9	2261
3375 >E	Station 80 345kV Voltage	SBK Marcy R3108	18.5	327.8	327.1	3207
3375 >E	Buchanan North 345kV Voltage	Marcy South S.	18.3	327.8	329.3	3686
3377 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	20.4	327.8	327.8	3095
3377 >E	Buchanan North 345kV Voltage	SBK Princetown 345	20.4	327.8	327.8	3060
3377 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	20.4	327.8	327.8	3377
3378 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	13.5	327.8	328.7	2462
3378 >E	Station 80 345kV Voltage	SBK Edic R70	17.5	327.8	326.9	3420
3379 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	16.0	327.8	329.3	2266
3381 >E	Buchanan North 345kV Voltage	Volney-Marcy	20.4	327.8	327.6	3312
3383 >E	Ladentown 345kV Voltage	Ravenswood 3	20.4	327.8	333.4	3517
3383 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	17.1	327.8	335.4	2268

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3389 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	19.5	327.8	327.3	3220
3389 >E	Roseton 345kV Voltage	Marcy South S.	15.9	327.8	336.7	3690
3391 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	15.8	327.8	333.1	2272
3394 >E	Millwood 345kV Voltage	Princeton-N.Scot 345	20.4	327.8	327.8	3394
3397 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	17.4	327.8	328.3	3439
3398 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	13.6	327.8	319.5	3112
3398 >E	Leeds 345kV Voltage	Ravenswood 3	13.6	327.8	319.5	3534
3400 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	20.4	327.8	327.5	3114
3400 >E	Millwood 345kV Voltage	SBK Princetown 345	20.4	327.8	327.5	3077
3403 >E	Pannell Road 345kV Voltage	SBK Edic R70	18.4	327.8	326.5	3446
3404 >E	Buchanan North 345kV Voltage	SBK Edic R70	22.3	327.8	328.9	3446
3411 >E	Station 80 345kV Voltage	Volney-Marcy	20.4	327.8	337.2	3341
3412 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	17.1	327.8	335.9	2280
3417 >E	Sprain Brook 345kV Voltage	SBK Edic R70	25.7	327.8	328.5	3459
3417 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	17.0	327.8	335.9	2282
3418 >E	Dunwoodie 345kV Voltage	SBK Edic R70	26.0	327.8	328.5	3461
3423 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	18.4	327.8	324.0	3251
3425 >E	Bowline 2 345kV Voltage	Ravenswood 3	20.4	327.8	333.4	3564
3425 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	20.4	327.8	336.8	3134
3429 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	18.5	327.8	326.5	3256
3430 >E	Pannell Road 345kV Voltage	SBK Princetown 345	20.4	327.8	327.9	3097
3430 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	20.4	327.8	336.7	3139
3430 >E	St.Lawrence 230kV Voltage	Volney-Marcy	40.8	218.5	223.8	3361
3431 >E	Buchanan South 345kV Voltage	SBK Princetown 345	20.4	327.8	336.7	3098
3431 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	20.4	327.8	328.3	3139
3431 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	20.4	327.8	328.3	3099
3432 >E	Buchanan South 345kV Voltage	Volney-Marcy	20.4	327.8	336.7	3362
3432 >E	Pannell Road 345kV Voltage	Princeton-N.Scot 345	20.4	327.8	327.8	3432
3434 >E	Millwood 345kV Voltage	SBK Edic R70	22.9	327.8	328.7	3477
3441 >E	Station 80 345kV Voltage	Ph2 DC 1500	25.3	327.8	332.1	3574
3441 >E	Rock Tavern 345kV Voltage	Princeton-N.Scot 345	20.4	327.8	327.8	3441
3445 >E	St.Lawrence 230kV Voltage	Ravenswood 3	40.8	218.5	223.6	3586
3447 >E	Rock Tavern 345kV Voltage	Volney-Marcy	20.4	327.8	327.5	3378
3450 >E	Roseton 345kV Voltage	Ravenswood 3	20.4	327.8	331.0	3592
3450 >E	Clay 345kV Voltage	Ph2 DC 1500	25.9	327.8	327.1	3579
3453 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr	20.4	327.8	317.7	3157

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3457 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	20.4	327.8	327.8	3457
3460 >E	Buchanan South 345kV Voltage	SBK Edic R70	22.3	327.8	328.9	3504
3462 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	20.4	327.8	327.6	3392
3466 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	40.8	218.5	223.4	3123
3466 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	40.8	218.5	223.4	3167
3466 >E	Ramapo 345kV Voltage	SBK Princetown 345	20.4	327.8	337.9	3123
3471 >E	Roseton 345kV Voltage	SBK Edic R70	18.5	327.8	329.0	3515
3478 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	28.8	327.8	326.2	3300
3479 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	26.0	327.8	325.7	3301
3480 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	29.1	327.8	326.3	3302
3480 >E	Somerset 345kV Voltage	Marcy South S.	17.4	327.8	328.6	3719
3486 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	27.8	327.8	331.2	3601
3489 >E	Pleasant Valley 345kV Voltage	Marcy South N.	25.7	327.8	341.7	3911
3494 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	20.4	327.8	327.9	3191
3494 >E	Ladentown 345kV Voltage	SBK Princetown 345	20.4	327.8	327.9	3143
3496 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	20.4	327.8	327.8	3496
3498 >E	Ramapo 345kV Voltage	SBK Edic R70	22.0	327.8	329.4	3543
3500 >E	Ladentown 345kV Voltage	Volney-Marcy	20.4	327.8	327.6	3430
3500 >E	Millwood 345kV Voltage	SBK Marcy R3108	25.9	327.8	325.9	3320
3513 >E	Ladentown 345kV Voltage	Marcy South S.	19.3	327.8	329.9	3730
3515 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	20.4	327.8	327.8	3515
3521 >E	Rock Tavern 345kV Voltage	Marcy South S.	17.5	327.8	319.7	3732
3524 >E	Ladentown 345kV Voltage	SBK Edic R70	21.9	327.8	329.4	3570
3527 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	20.4	327.8	327.9	3218
3527 >E	Bowline 1 345kV Voltage	SBK Princetown 345	20.4	327.8	327.9	3166
3529 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	20.4	327.8	327.8	3529
3531 >E	Leeds 345kV Voltage	Ph2 DC 1500	20.0	327.8	332.9	3627
3534 >E	Roseton 345kV Voltage	SBK Marcy R3108	20.7	327.8	325.7	3351
3536 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	25.6	327.8	325.6	3353
3537 >E	Bowline 2 345kV Voltage	SBK Princetown 345	20.4	327.8	327.9	3173
3538 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	20.4	327.8	327.8	3538
3539 >E	Ramapo 345kV Voltage	Marcy South S.	20.8	327.8	328.0	3738
3546 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	27.3	327.8	329.0	3636
3549 >E	Bowline 1 345kV Voltage	Marcy South S.	19.5	327.8	330.1	3741
3559 >E	Bowline 2 345kV Voltage	Marcy South S.	19.5	327.8	330.1	3744
3562 >E	Bowline 1 345kV Voltage	SBK Edic R70	22.0	327.8	329.5	3610
3565 >E	Goethals 345kV Voltage	SBK Edic R945	20.2	327.8	340.4	2498

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3566 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	20.2	327.8	340.5	2599
3567 >E	Bowline 2 345kV Voltage	SBK Edic R70	21.8	327.8	329.5	3615
3598 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	29.7	327.8	331.4	3667
3606 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	39.0	327.8	331.4	3672
3611 >E	Ramapo 345kV Voltage	SBK Marcy R3108	26.7	327.8	324.7	3420
3618 >E	Coopers Corners 345kV Voltage	Marcy South N.	23.9	327.8	312.6	3935
3619 >E	Ramapo 500kV Voltage	Marcy South N.	84.4	500	507.6	3936
3626 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	40.8	327.8	327.8	3626
3630 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	40.8	327.8	327.8	3630
3632 >E	Ladentown 345kV Voltage	SBK Marcy R3108	26.0	327.8	324.8	3439
3637 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	40.8	327.8	327.5	3244
3640 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	40.8	327.8	327.6	3310
3655 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	20.2	327.8	343.0	2663
3665 >E	Niagara 345kV Voltage	Marcy South S.	20.5	327.8	328.1	3778
3668 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	26.0	327.8	333.2	2386
3669 >E	Goethals 345kV Voltage	Pre-Fault	40.8	NA	338	3669
3673 >E	Farragut 345kV Voltage	Pre-Fault	40.8	NA	338	3673
3680 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	26.3	327.8	324.5	3482
3681 >E	Millwood 345kV Voltage	Ph2 DC 1500	39.3	327.8	330.5	3716
3684 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	26.0	327.8	324.5	3487
3693 >E	Rainey 345kV Voltage	Pre-Fault	40.8	NA	338	3693
3705 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	46.6	327.8	329.8	3730
3709 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	47.0	327.8	329.8	3733
3709 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	38.3	327.8	331.1	3733
3723 >E	Watercure 230kV Voltage	Volney-Marcy	27.2	207	224.2	3653
3724 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	31.0	207	225.7	2409
3732 >E	Coopers Corners 345kV Voltage	Marcy South S.	18.7	327.8	268.2	3800
3739 >E	Millwood 345kV Voltage	Volney-Marcy	40.8	327.8	310.9	3668
3739 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	40.4	218.5	227.1	2724
3739 >E	Niagara 230kV East Voltage	SBK Edic R945	40.4	218.5	227.1	2589
3739 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	40.4	218.5	227.1	2724
3739 >E	Niagara 230kV West Voltage	SBK Edic R945	40.4	218.5	227.1	2589
3751 >E	Ramapo 345kV Voltage	Ph2 DC 1500	37.6	327.8	331.6	3757
3754 >E	Station 80 345kV Voltage	Ravenswood 3	40.8	327.8	328.7	3928
3771 >E	Pannell Road 345kV Voltage	Ravenswood 3	40.7	327.8	311.2	3946
3771 >E	Bowline 1 345kV Voltage	Ravenswood 3	40.8	327.8	315.9	3947
3778 >E	Northport 138kV Voltage	Pre-Fault	81.5	NA	135	3778
3790 >E	Station 80 345kV Voltage	SBK Princetown 345	40.8	327.8	327.9	3352
3792 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	40.8	327.8	327.8	3792
3795 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	40.8	327.8	327.8	3795

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3797 >E	Ladentown 345kV Voltage	Ph2 DC 1500	37.3	327.8	331.8	3785
3799 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	40.8	327.8	309.8	3440
3819 >E	Roseton 345kV Voltage	Ph2 DC 1500	35.3	327.8	330.3	3798
3820 >E	Millwood 345kV Voltage	Marcy South N.	44.5	327.8	337.0	3974
3830 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	27.0	207	217.3	2790
3830 >E	Gardenville 230kV Voltage	SBK Edic R945	27.0	207	217.3	2637
3837 >E	Rainey 345kV Voltage	Ravenswood 3	40.8	327.8	334.5	4020
3844 >E	Farragut 345kV Voltage	Ravenswood 3	40.8	327.8	333.8	4028
3853 >E	Dunwoodie 345kV Voltage	Marcy South N.	53.4	327.8	335.6	3980
3856 >E	Roseton 345kV Voltage	Marcy South N.	35.1	327.8	339.9	3981
3857 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	37.3	327.8	331.9	3820
3860 >E	Sprain Brook 345kV Voltage	Marcy South N.	53.4	327.8	335.7	3982
3861 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	81.5	218.5	218.5	3861
3862 >E	Somerset 345kV Voltage	SBK Edic R70	32.8	327.8	327.1	3920
3872 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	40.8	327.8	328.0	3499
3873 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	37.3	327.8	332.0	3830
3878 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	40.8	327.8	327.8	3878
3885 >E	Ramapo 345kV Voltage	Volney-Marcy	40.8	327.8	327.6	3814
3906 >E	Goethals 345kV Voltage	Ravenswood 3	40.7	327.8	332.2	4096
3917 >E	Watercure 230kV Voltage	Marcy South N.	56.2	207	240.6	3993
3930 >E	Somerset 345kV Voltage	SBK Marcy R3108	35.7	327.8	325.0	3709
3937 >E	Somerset 345kV Voltage	Marcy South N.	39.5	327.8	343.0	3997
3938 >E	Buchanan South 345kV Voltage	Marcy South N.	45.7	327.8	336.7	3997
3955 >E	Buchanan North 345kV Voltage	Marcy South N.	50.9	327.8	334.1	4000
3977 >E	Roseton 345kV Voltage	SBK Princetown 345	40.7	327.8	305.2	3483
3979 >E	Roseton 345kV Voltage	Volney-Marcy	40.8	327.8	305.0	3908
3998 >E	Somerset 345kV Voltage	Ph2 DC 1500	42.0	327.8	334.2	3904
4004 >E	Rock Tavern 345kV Voltage	Marcy South N.	39.1	327.8	328.9	4009
4005 >E	Bowline 1 345kV Voltage	Volney-Marcy	40.7	327.8	304.4	3934
4013 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	40.7	327.8	304.5	3614
4022 >E	Somerset 345kV Voltage	Ravenswood 3	40.7	327.8	352.3	4224
4024 >E	Bowline 2 345kV Voltage	Volney-Marcy	40.7	327.8	304.0	3953
4049 >E	Somerset 345kV Voltage	Volney-Marcy	40.8	327.8	352.3	3977
4059 >E	Somerset 345kV Voltage	SBK Princetown 345	40.8	327.8	352.3	3541
4059 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	40.8	327.8	352.3	3652
4071 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	40.4	327.8	327.9	2964
4073 >E	Farragut 345kV Voltage	SBK Edic R945	40.4	327.8	328.0	2765

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4080 >E	Watercure 230kV Voltage	SBK Princetown 345	40.8	207	219.9	3556
4084 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	40.8	327.8	327.8	4084
4086 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	80.9	131.1	143.8	2975
4086 >E	Northport 138kV Voltage	SBK Edic R945	80.9	131.1	143.8	2772
4087 >E	Goethals 345kV Voltage	Volney-Marcy	40.7	327.8	327.7	4015
4089 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	40.8	327.8	327.8	4089
4089 >E	Watercure 230kV Voltage	Ph2 DC 1500	49.8	207	220.9	3958
4092 >E	Farragut 345kV Voltage	Volney-Marcy	40.8	327.8	327.7	4020
4092 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	40.8	327.8	327.7	3679
4092 >E	Farragut 345kV Voltage	SBK Princetown 345	40.8	327.8	327.7	3565
4093 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	40.4	327.8	328.0	2980
4093 >E	Rainey 345kV Voltage	SBK Edic R945	40.4	327.8	328.0	2775
4095 >E	Northport 138kV Voltage	Princetown-N.Scot 345	81.5	131.1	131.1	4095
4096 >E	Northport 138kV Voltage	SBK Princetown 345	81.5	131.1	131.1	3568
4109 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	40.8	327.8	327.8	4109
4112 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	40.8	327.8	327.7	3695
4113 >E	Rainey 345kV Voltage	SBK Princetown 345	40.8	327.8	327.7	3579
4228 >E	Ladentown 345kV Voltage	Marcy South N.	49.6	327.8	335.3	4052
4231 >E	Ramapo 345kV Voltage	Marcy South N.	51.7	327.8	333.6	4053
4250 >E	Niagara 345kV Voltage	SBK Edic R945	40.4	327.8	328.2	2858
4250 >E	Gardenville 230kV Voltage	Volney-Marcy	40.8	207	221.8	4178
4288 >E	Niagara 230kV East Voltage	Marcy South S.	72.5	218.5	218.8	3978
4288 >E	Niagara 230kV West Voltage	Marcy South S.	72.5	218.5	218.8	3978
4311 >E	Bowline 1 345kV Voltage	Marcy South N.	49.7	327.8	335.8	4068
4344 >E	Bowline 2 345kV Voltage	Marcy South N.	50.0	327.8	335.8	4074
4436 >E	Rainey 345kV Voltage	Marcy South S.	54.2	327.8	334.4	4025
4446 >E	Niagara 230kV East Voltage	Volney-Marcy	81.5	218.5	235.5	4374
4446 >E	Niagara 230kV West Voltage	Volney-Marcy	81.5	218.5	235.5	4374
4466 >E	Farragut 345kV Voltage	Marcy South S.	56.4	327.8	334.3	4034
4477 >E	Watercure 230kV Voltage	Pre-Fault	81.5	NA	215	4477
4635 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	53.8	327.8	335.4	2786
4638 >E	Gardenville 230kV Voltage	Pre-Fault	81.5	NA	217	4638
4957 >E	Goethals 345kV Voltage	Marcy South S.	76.2	327.8	334.0	4191
5019 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	76.6	327.8	332.9	2945
5037 >E	Watercure 230kV Voltage	Ravenswood 3	81.5	207	208.1	5347
5059 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	79.6	327.8	332.9	2962
5100 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	81.5	207	207.4	4501
5126 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	123.6	218.5	225.0	2990

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5126 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	123.6	218.5	225.0	2990
5129 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	81.5	207	207.0	5129
5203 >E	Niagara 345kV Voltage	SBK Edic R70	71.9	327.8	327.3	5304
5396 >E	Rainey 345kV Voltage	SBK Edic R70	90.8	327.8	329.0	5503
5448 >E	Farragut 345kV Voltage	SBK Edic R70	94.7	327.8	328.9	5557
5453 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	81.5	207	207.0	5453
5463 >E	Watercure 230kV Voltage	SBK Marcy R3108	100.0	207	208.4	5094
5505 >E	Niagara 345kV Voltage	SBK Marcy R3108	81.7	327.8	323.0	5132
5603 >E	Niagara 345kV Voltage	Marcy South N.	87.1	327.8	347.2	4316
5620 >E	Niagara 345kV Voltage	Ph2 DC 1500	88.7	327.8	337.3	4865
5688 >E	Rainey 345kV Voltage	SBK Marcy R3108	101.4	327.8	325.9	5297
5742 >E	Farragut 345kV Voltage	SBK Marcy R3108	105.6	327.8	326.0	5346
5776 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	108.5	327.8	332.7	3258
5911 >E	Watercure 230kV Voltage	SBK Edic R70	111.8	207	203.9	6036
6301 >E	Goethals 345kV Voltage	SBK Edic R70	129.0	327.8	328.8	6438
6360 >E	Niagara 230kV East Voltage	SBK Edic R70	194.1	218.5	218.6	6499
6360 >E	Niagara 230kV West Voltage	SBK Edic R70	194.1	218.5	218.6	6499
6575 >E	Rainey 345kV Voltage	Ph2 DC 1500	137.5	327.8	331.1	5432
6616 >E	Goethals 345kV Voltage	SBK Marcy R3108	140.8	327.8	326.5	6136
6624 >E	Farragut 345kV Voltage	Ph2 DC 1500	142.2	327.8	331.1	5460
6695 >E	Niagara 230kV East Voltage	Marcy South N.	221.4	218.5	232.8	4525
6695 >E	Niagara 230kV West Voltage	Marcy South N.	221.4	218.5	232.8	4525
6972 >E	Niagara 230kV East Voltage	Ph2 DC 1500	239.1	218.5	226.8	5667
6972 >E	Niagara 230kV West Voltage	Ph2 DC 1500	239.1	218.5	226.8	5667
7068 >E	Niagara 230kV East Voltage	SBK Marcy R3108	234.7	218.5	215.0	6544
7068 >E	Niagara 230kV West Voltage	SBK Marcy R3108	234.7	218.5	215.0	6544
7412 >E	Rainey 345kV Voltage	Marcy South N.	167.3	327.8	341.2	4662
7472 >E	Farragut 345kV Voltage	Marcy South N.	172.9	327.8	341.0	4674
7681 >E	Goethals 345kV Voltage	Ph2 DC 1500	185.1	327.8	332.0	6087
8415 >E	Gardenville 230kV Voltage	Marcy South S.	185.5	207	208.4	5298
8936 >E	Goethals 345kV Voltage	Marcy South N.	231.9	327.8	341.2	4954
9410 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	222.8	207	229.7	4762
9824 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	532.7	131.1	133.1	4934
10782 >E	Northport 138kV Voltage	SBK Edic R70	608.0	131.1	131.6	11066
11565 >E	Northport 138kV Voltage	SBK Marcy R3108	668.3	131.1	130.3	10608
15537 >E	Northport 138kV Voltage	Ph2 DC 1500	991.0	131.1	132.6	10743
20127 >E	Northport 138kV Voltage	Marcy South N.	1348.4	131.1	136.6	7099

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\55_OS\Sum2023_CEVC_PH2_50_55_OS.xlsx

1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
34711	Gardenville 230kV Voltage	SBK Edic R70	1078.2	207	203.2	35778
>E						
99998	Bowline 1 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Bowline 2 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Buchanan North 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Buchanan South 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Clay 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Edic 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Fraser 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Gilboa 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Marcy South N.	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Ladentown 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Leeds 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Marcy 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Millwood 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	St.Lawrence 230kV Voltage	Ph2 DC 1500	NA	218.5	NA	99998
>E						
99998	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Niagara 230kV East Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	Niagara 230kV East Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 230kV East Voltage	Ravenswood 3	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Pre-Fault	NA	NA	225	99998
99998 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	SBK Princetown 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	361-362 D1b Ckt Twr 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Ravenswood 3	NA	218.5	NA	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 D1b Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	NA	320	NA	99998
99998 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	SBK Princetown 345	NA	500	NA	99998
99998	Station 80 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

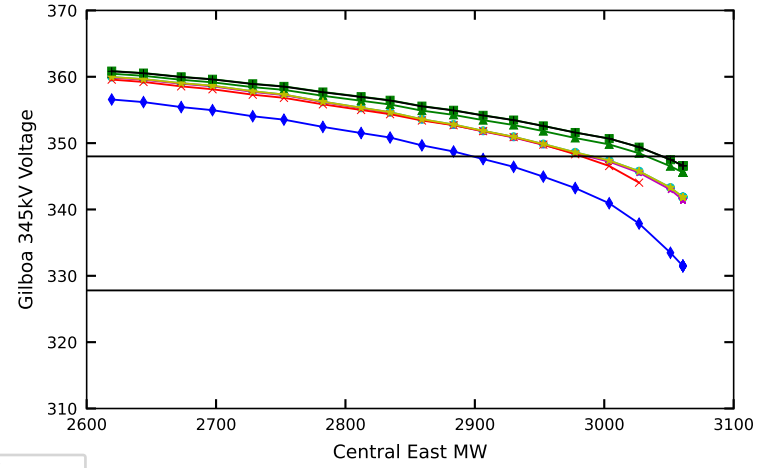
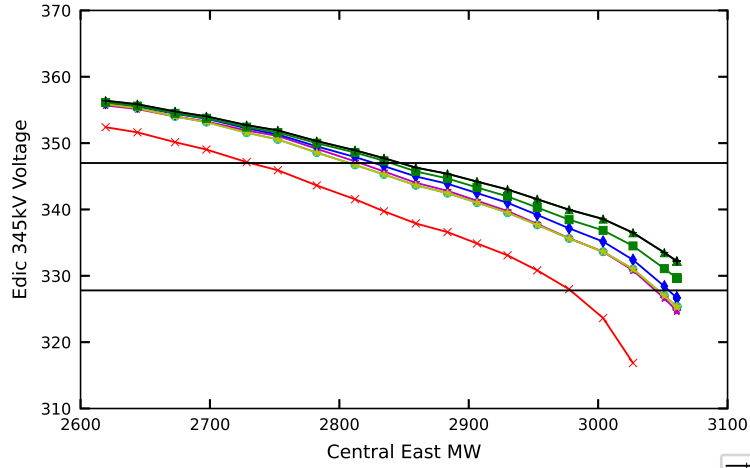
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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 55_OS

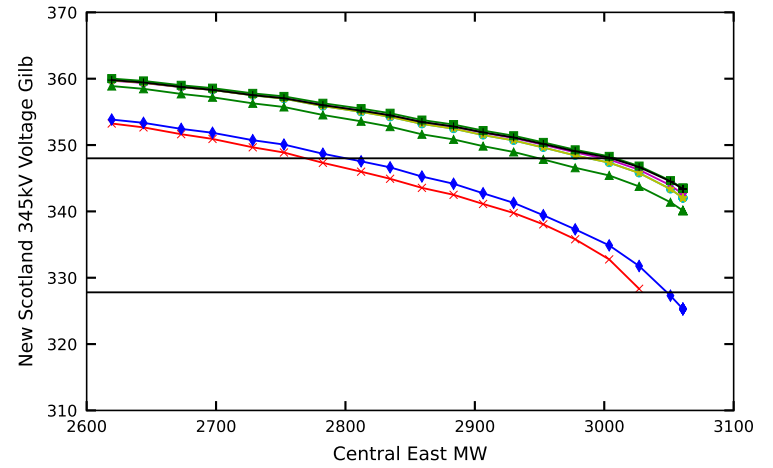
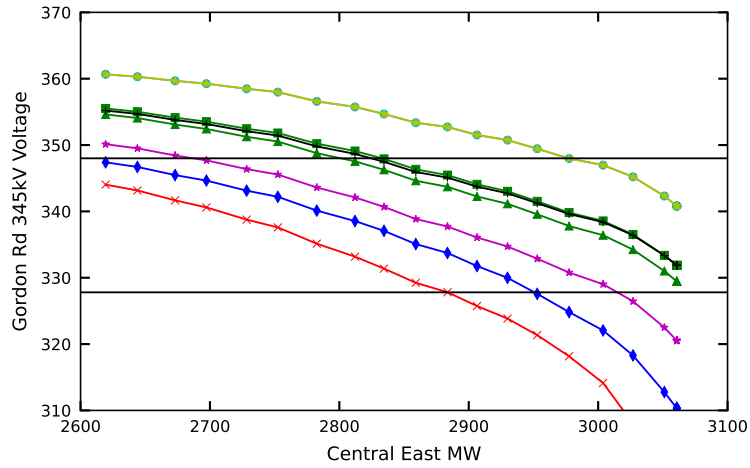
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				<-Post->	<-Pre->	
>E						
99998	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Roseton 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99999	Gardenville 230kV Voltage	SBK Marcy R3108	NA	207	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

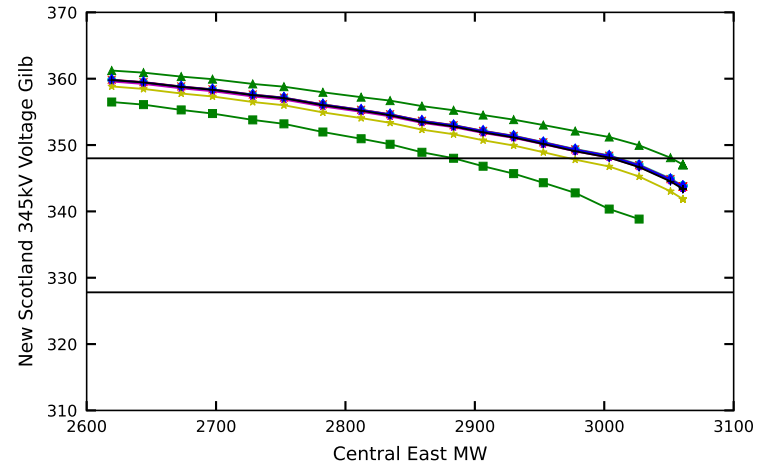
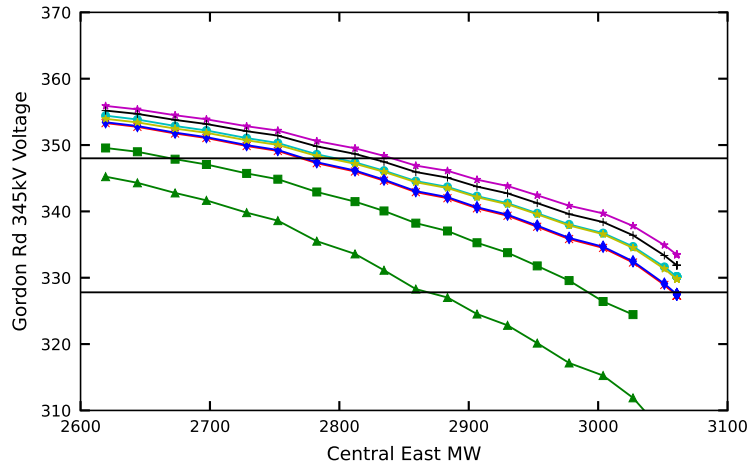
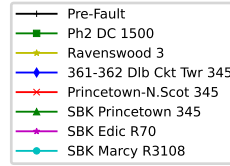
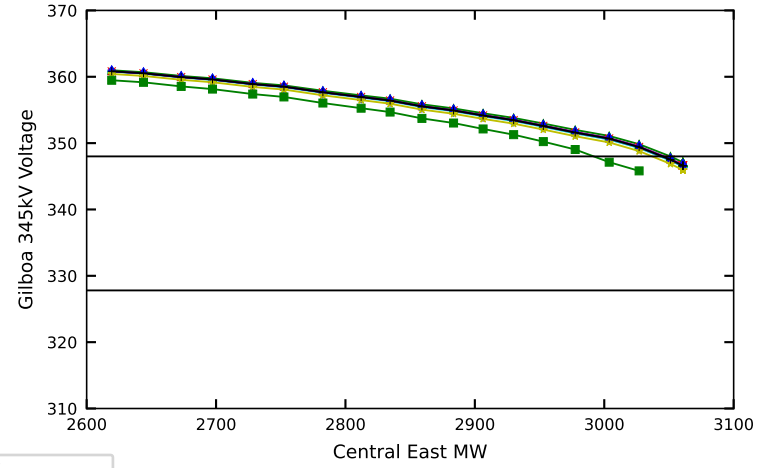
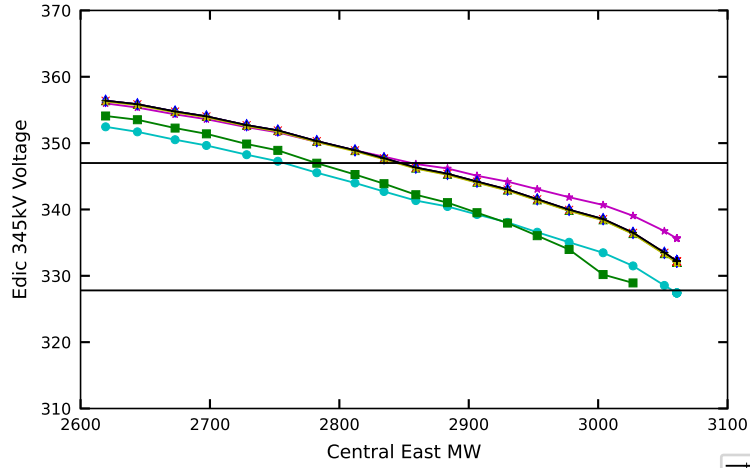
1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI Figure 1



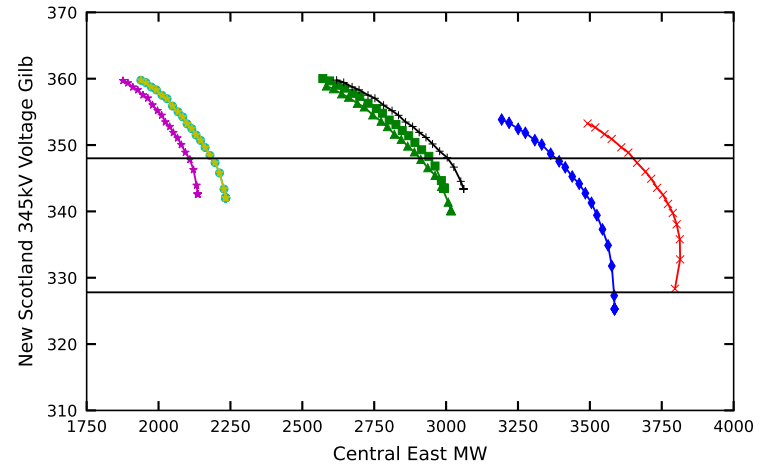
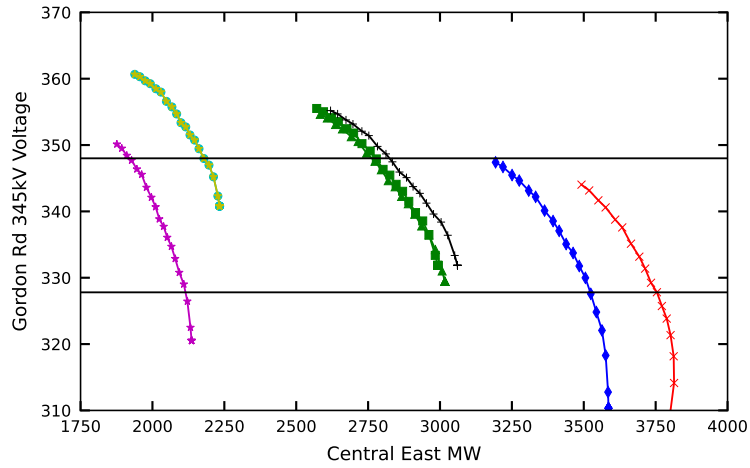
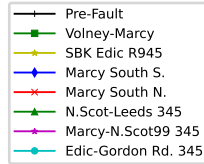
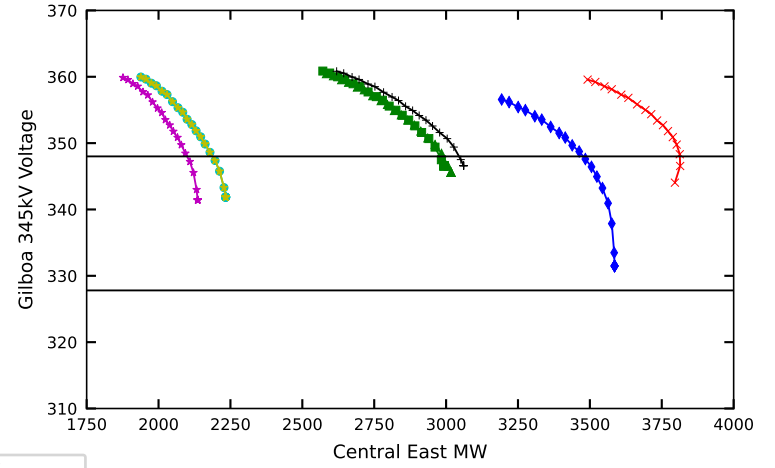
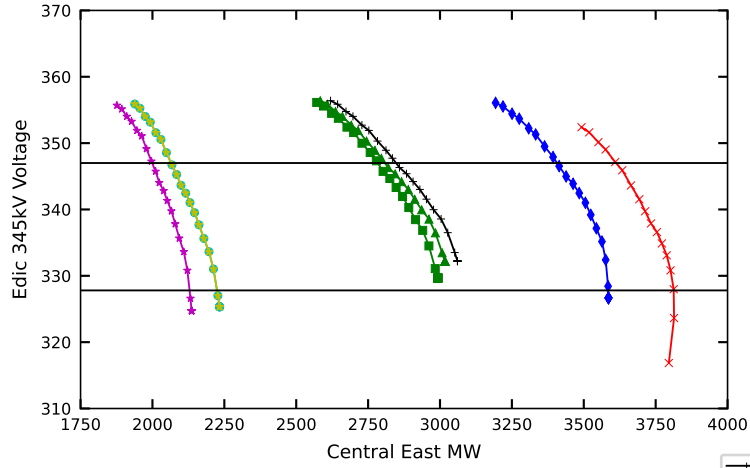
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



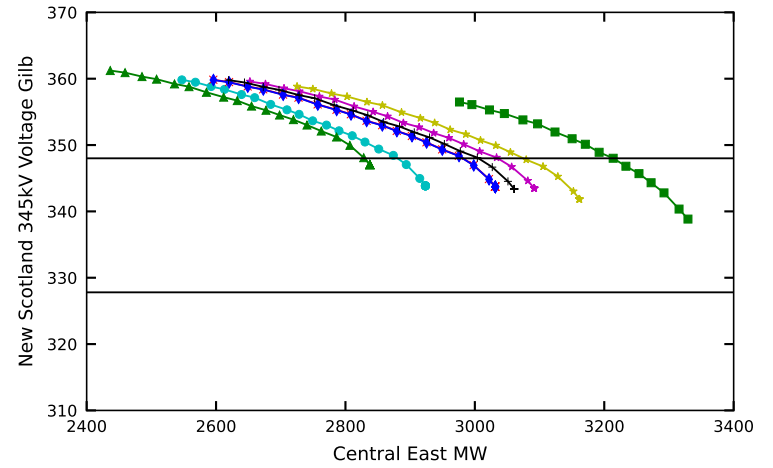
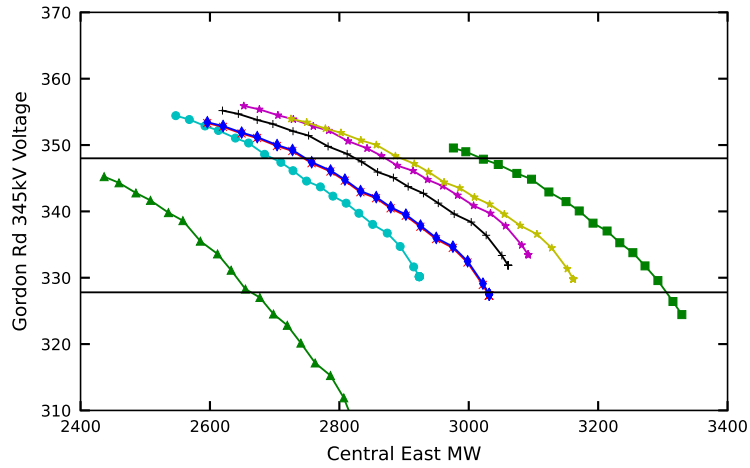
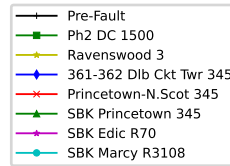
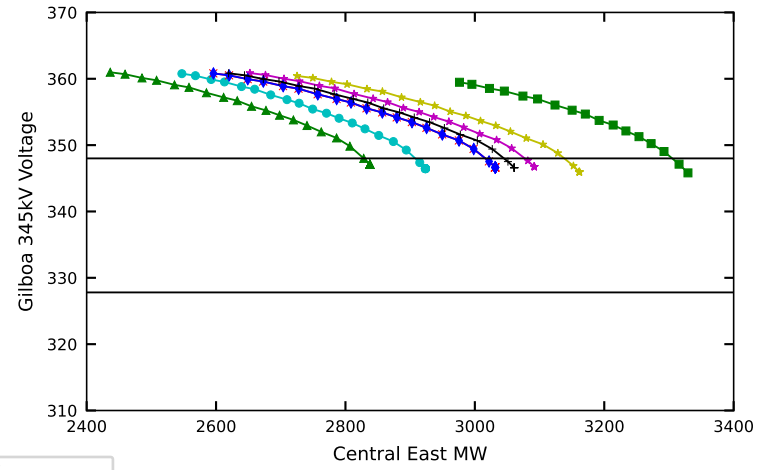
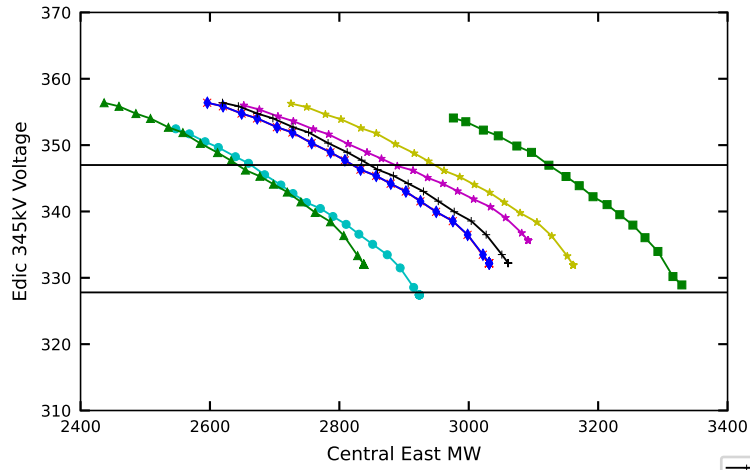
1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI Figure 2



1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI Figure 1



1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2619	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2643	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2673	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2697	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2728	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2752	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2782	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2812	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2834	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2859	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2883	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2906	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2929	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2952	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2977	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
3003	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
3026	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7															
3051	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	8															
3060	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	9															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	0															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	1															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	2															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	3															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	4															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-13-2023 12:53

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 5O ALI

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\361_OS\Sum2023_CEVC_PH2_5O_361_OS.xlsx

1: 2023S CEVC PH2 CE2690 MS2270 DE1420 5O ALI

Interface: Central East

Dlb Ckt																								
Twr 345																								
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																								
wood 3																								
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2
Ph2 DC																								
1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1462 >E	Northport 138kV Voltage	N.Scot-Leeds 345	-125.9	131.1	131.1	33231
2706 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	-12.6	207	218.3	9704
2740 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	-21.0	218.5	226.1	9073
2740 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	-21.0	218.5	226.1	9073
2744 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	-12.6	327.8	342.9	8989
2750 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	-10.5	327.8	342.6	8884
2758 >E	Dunwoodie 345kV Voltage	Pre-Fault	56.4	NA	348	2758
2765 >E	Sprain Brook 345kV Voltage	Pre-Fault	56.0	NA	348	2765
2791 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	-10.5	327.8	340.7	8110
2824	Gordon Rd 345kV Voltage	Pre-Fault	18.7	NA	348	2824
2828	Marcy 345kV Voltage	Pre-Fault	18.5	NA	348	2828
2834 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	-9.0	327.8	342.3	7299
2847	Edic 345kV Voltage	Pre-Fault	17.5	NA	347	2847
2853	limit with 5% margin	Marcy South N.	NA	NA	NA	3623
2864	Millwood 345kV Voltage	Pre-Fault	119.2	NA	348	2864
2868	Gordon Rd 345kV Voltage	SBK Princetown 345	19.2	327.8	345.6	2663
2875	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3162
2883	Gordon Rd 345kV Voltage	Marcy South N.	11.0	327.8	345.1	3754
2907	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2866
2907	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2121
2907	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2029
2907	limit with 5% margin	Marcy South S.	NA	NA	NA	3406
2907	limit with 5% margin	SBK Edic R945	NA	NA	NA	2121
2907	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2777
2907	limit with 5% margin	SBK Edic R70	NA	NA	NA	2937
2907	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2695
2907	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2879
2907	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2880
2907	limit with 5% margin	Volney-Marcy	NA	NA	NA	2842
2907	limit with 5% margin	Ravenswood 3	NA	NA	NA	3003
2943 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	-4.8	327.8	337.1	5232
2950	Gordon Rd 345kV Voltage	Marcy South S.	9.5	327.8	341.4	3522
2957	Buchanan North 345kV Voltage	Pre-Fault	62.9	NA	346	2957
2973 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	-3.9	327.8	334.9	4664
2974 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	-3.7	327.8	337.6	4642
2976 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	-3.7	327.8	338.8	4610
2978	Edic 345kV Voltage	Marcy South N.	6.0	327.8	339.9	3812
2979	Marcy 345kV Voltage	Marcy South N.	6.0	327.8	339.7	3812
2982 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	-3.7	327.8	336.8	4497
2982 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	-3.9	327.8	336.7	4492

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2991 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	-2.7	207	219.7	4329
2991 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	-7.0	218.5	218.5	4329
2992	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.3	327.8	338.9	3305
2994 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	-3.5	327.8	333.5	4276
2994 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	-3.7	327.8	335.4	4262
2997 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	-3.9	327.8	334.1	4220
2998 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	-4.5	327.8	333.9	4190
2999 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	-4.5	327.8	333.9	4182
3002	Oakdale 345kV Voltage	Marcy South N.	6.5	320	343.0	3813
3002 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	-2.3	327.8	327.8	4110
3003 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	-3.7	327.8	335.3	4090
3005	New Scotland 345kV Voltage Alps	Pre-Fault	16.1	NA	348	3005
3005	New Scotland 345kV Voltage Gilb	Pre-Fault	16.1	NA	348	3005
3008 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	-2.9	327.8	334.8	4012
3014	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	9.0	327.8	337.4	2114
3015 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	-2.5	327.8	332.8	3865
3021 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	-2.2	327.8	333.5	3766
3024 >E	Clay 345kV Voltage	N.Scot-Leeds 345	-1.9	327.8	331.3	3696
3028 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	-1.8	327.8	332.9	3621
3036	Rock Tavern 345kV Voltage	Pre-Fault	16.8	NA	348	3036
3039	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	339.5	2126
3039 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	-3.0	500	504.3	3420
3041	Marcy 345kV Voltage	SBK Edic R945	5.9	327.8	334.5	2221
3041	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.9	327.8	334.5	2221
3042	Coopers Corners 345kV Voltage	SBK Edic R945	5.9	327.8	339.1	2222
3042	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	5.9	327.8	339.1	2222
3043 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	-1.2	320	326.1	3352
3044	Edic 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	334.4	2129
3044	Gilboa 345kV Voltage	Pre-Fault	12.8	NA	348	3044
3045 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	-1.2	327.8	336.5	3298
3045 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	-1.2	327.8	336.5	3298
3046	Edic 345kV Voltage	SBK Edic R945	6.0	327.8	334.1	2224
3046	Edic 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	334.1	2224
3046 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.7	327.8	346.5	3816
3046 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.7	327.8	346.5	3816
3047	Pleasant Valley 345kV Voltage	Pre-Fault	21.9	NA	348	3047
3047 >E	Edic 345kV Voltage	Ph2 DC 1500	18.3	327.8	334.7	3341
3047 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	-1.5	327.8	330.7	3265
3048	New Scotland 345kV Voltage Alps	Marcy South S.	5.4	327.8	344.8	3583
3048	New Scotland 345kV Voltage Gilb	Marcy South S.	5.4	327.8	344.8	3583
3048 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	-1.3	327.8	328.0	3242

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3049 >E	Marcy 345kV Voltage	Ph2 DC 1500	18.9	327.8	334.3	3342
3049	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.8	327.8	333.5	2131
3051	Fraser 345kV Voltage	Pre-Fault	7.0	NA	338	3051
3053	Coopers Corners 345kV Voltage	Pre-Fault	9.3	NA	338	3053
3054	Edic 345kV Voltage	Marcy South S.	5.5	327.8	333.1	3584
3054	Station 80 345kV Voltage	Pre-Fault	16.7	NA	346	3054
3055 >E	Edic 345kV Voltage	N.Scot-Leeds 345	-1.2	327.8	328.0	3117
3055	Marcy 345kV Voltage	Marcy South S.	5.4	327.8	332.7	3585
3055 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	-1.2	327.8	327.8	3114
3056	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.3	327.8	337.3	2134
3057	Buchanan South 345kV Voltage	Pre-Fault	23.1	NA	346	3057
3057	Edic 345kV Voltage	SBK Marcy R3108	8.5	327.8	332.7	2920
3057	Gordon Rd 345kV Voltage	Prinetown-N.Scot 345	6.0	327.8	332.3	3028
3058	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	6.0	327.8	332.1	3029
3059 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	-0.9	327.8	331.1	3044
3060 >E	Fraser 345kV Voltage	SBK Edic R945	4.6	327.8	336.7	2233
3060 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.6	327.8	336.7	2233
3061 >E	Oakdale 345kV Voltage	Pre-Fault	6.7	NA	335	3061
3062 >E	Pannell Road 345kV Voltage	Pre-Fault	18.1	NA	346	3062
3073 >E	Edic 345kV Voltage	Volney-Marcy	6.6	327.8	330.6	3004
3074 >E	Marcy 345kV Voltage	Volney-Marcy	7.3	327.8	330.1	3006
3076 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	6.6	327.8	329.5	2937
3078 >E	Gilboa 345kV Voltage	Marcy South S.	4.8	327.8	344.9	3588
3079 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.6	320	332.3	2143
3079 >E	Gordon Rd 345kV Voltage	Ravenswood 3	9.4	327.8	330.2	3180
3084 >E	Clay 345kV Voltage	Pre-Fault	14.4	NA	345	3084
3085 >E	Oakdale 345kV Voltage	SBK Edic R945	5.0	320	331.4	2248
3085 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	5.0	320	331.4	2248
3092 >E	Marcy 345kV Voltage	Prinetown-N.Scot 345	7.4	327.8	327.8	3062
3092 >E	Marcy 345kV Voltage	SBK Marcy R3108	7.4	327.8	327.8	2952
3092 >E	Marcy 345kV Voltage	SBK Edic R70	7.4	327.8	327.8	3124
3092 >E	Marcy 345kV Voltage	SBK Prinetown 345	7.4	327.8	327.8	2868
3092 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	7.4	327.8	327.8	3063
3092 >E	Edic 345kV Voltage	SBK Prinetown 345	7.5	327.8	328.0	2869
3093 >E	Edic 345kV Voltage	Prinetown-N.Scot 345	7.5	327.8	327.8	3064
3093 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	7.5	327.8	327.8	3064
3094 >E	Edic 345kV Voltage	Ravenswood 3	8.2	327.8	327.6	3195
3094 >E	Marcy 345kV Voltage	Ravenswood 3	8.2	327.8	327.4	3195

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3098 >E	Gordon Rd 345kV Voltage	SBK Edic R70	6.7	327.8	326.0	3130
3103 >E	Clay 345kV Voltage	Marcy South N.	9.2	327.8	347.3	3819
3105 >E	Ramapo 345kV Voltage	Pre-Fault	23.4	NA	346	3105
3105 >E	Gordon Rd 345kV Voltage	Volney-Marcy	11.0	327.8	327.8	3037
3109 >E	Fraser 345kV Voltage	Marcy South S.	5.7	327.8	329.7	3593
3112 >E	Coopers Corners 345kV Voltage	Ravenswood 3	9.4	327.8	331.7	3213
3122 >E	Fraser 345kV Voltage	SBK Edic R70	7.0	327.8	327.8	3156
3122 >E	Fraser 345kV Voltage	SBK Princetown 345	7.0	327.8	327.8	2899
3122 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	7.0	327.8	327.8	3093
3122 >E	Fraser 345kV Voltage	SBK Marcy R3108	7.0	327.8	327.8	2980
3122 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	7.0	327.8	327.8	3093
3124 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	8.3	327.8	330.3	2901
3128 >E	Edic 345kV Voltage	SBK Edic R70	8.6	327.8	323.2	3161
3134 >E	Fraser 345kV Voltage	Volney-Marcy	8.2	327.8	328.9	3067
3134 >E	Leeds 345kV Voltage	Marcy South S.	6.2	327.8	346.3	3596
3134 >E	Ladentown 345kV Voltage	Pre-Fault	23.1	NA	346	3134
3134 >E	Coopers Corners 345kV Voltage	SBK Edic R70	8.7	327.8	329.2	3168
3135 >E	Oakdale 345kV Voltage	SBK Marcy R3108	6.6	320	323.9	2991
3135 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	19.6	500	504.9	2166
3143 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	6.4	327.8	319.1	2283
3143 >E	Gordon Rd 345kV Voltage	SBK Edic R945	6.4	327.8	319.1	2283
3144 >E	Fraser 345kV Voltage	Ravenswood 3	9.4	327.8	327.8	3245
3144 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	9.2	327.8	328.2	3115
3144 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	9.2	327.8	328.2	3115
3144 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	338.7	2170
3149 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	21.0	500	504.5	2286
3149 >E	Ramapo 500kV Voltage	SBK Edic R945	21.0	500	504.5	2286
3150 >E	Leeds 345kV Voltage	Pre-Fault	11.7	NA	345	3150
3151 >E	St.Lawrence 230kV Voltage	Pre-Fault	26.7	NA	225	3151
3152 >E	Oakdale 345kV Voltage	SBK Princetown 345	6.6	320	321.3	2928
3154 >E	Gilboa 345kV Voltage	SBK Edic R945	6.7	327.8	337.8	2289
3154 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	337.8	2289
3155 >E	Ramapo 500kV Voltage	Volney-Marcy	13.2	500	504.5	3089
3159 >E	Oakdale 345kV Voltage	Marcy South S.	6.1	320	320.3	3600
3159 >E	Roseton 345kV Voltage	Pre-Fault	19.1	NA	345	3159
3160 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	6.6	320	320.2	3130
3160 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	6.6	320	320.2	3130
3160 >E	Fraser 345kV Voltage	Ph2 DC 1500	10.7	327.8	328.2	3409

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3163 >E	Oakdale 345kV Voltage	Volney-Marcy	8.2	320	325.7	3097
3163 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	7.2	327.8	331.1	2295
3163 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	7.2	327.8	331.1	2295
3163 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	7.2	327.8	331.1	2295
3163 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	7.2	327.8	331.1	2295
3164 >E	Ramapo 500kV Voltage	Ph2 DC 1500	63.4	500	507.2	3411
3165 >E	Oakdale 345kV Voltage	Ph2 DC 1500	9.7	320	327.2	3411
3166 >E	Oakdale 345kV Voltage	SBK Edic R70	6.8	320	319.3	3200
3167 >E	Coopers Corners 345kV Voltage	Volney-Marcy	11.0	327.8	325.8	3101
3168 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	7.3	327.8	330.6	2179
3168 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	7.3	327.8	330.6	2179
3178 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	15.2	327.8	329.6	3419
3182 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	10.3	327.8	324.1	3033
3194 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	8.5	327.8	327.5	3229
3194 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	8.5	327.8	327.5	3229
3195 >E	Bowline 1 345kV Voltage	Pre-Fault	23.2	NA	345	3195
3196 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	15.3	327.8	336.2	3430
3196 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	15.3	327.8	336.2	3430
3196 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	8.5	327.8	327.2	3167
3196 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	8.5	327.8	327.2	3167
3196 >E	New Scotland 345kV Voltage Alps	Princeton-N.Scot 345	8.5	327.8	327.2	3167
3196 >E	New Scotland 345kV Voltage Gilb	Princeton-N.Scot 345	8.5	327.8	327.2	3167
3198 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	9.6	327.8	337.1	2191
3198 >E	Ramapo 500kV Voltage	Marcy South S.	23.4	500	502.8	3606
3200 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	8.7	327.8	326.8	3050
3200 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	8.7	327.8	326.8	3050
3203 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	10.5	327.8	337.6	2193
3205 >E	Bowline 2 345kV Voltage	Pre-Fault	23.0	NA	345	3205
3208 >E	Oakdale 345kV Voltage	Ravenswood 3	11.0	320	321.6	3309
3208 >E	Pleasant Valley 345kV Voltage	Marcy South S.	11.8	327.8	338.8	3608
3211 >E	Ramapo 500kV Voltage	Ravenswood 3	65.8	500	502.8	3312
3211 >E	Dunwoodie 345kV Voltage	Ravenswood 3	21.9	327.8	337.1	3312
3211 >E	Pannell Road 345kV Voltage	Marcy South N.	15.4	327.8	344.4	3824
3211 >E	Rock Tavern 345kV Voltage	SBK Edic R945	10.9	327.8	337.1	2324
3211 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	10.9	327.8	337.1	2324
3213 >E	Sprain Brook 345kV Voltage	Ravenswood 3	21.9	327.8	337.1	3315
3214 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	11.0	327.8	331.7	3316
3214 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	11.0	327.8	331.7	3316
3218 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	10.8	327.8	335.7	2328

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3218 >E	Clay 345kV Voltage	SBK Edic R945	10.8	327.8	335.7	2328
3232 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	11.0	327.8	330.3	3168
3232 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	11.0	327.8	330.3	3168
3238 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	9.2	327.8	322.2	3013
3238 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	9.2	327.8	322.2	3013
3244 >E	Clay 345kV Voltage	Volney-Marcy	11.0	327.8	332.7	3180
3246 >E	Clay 345kV Voltage	Marcy South S.	11.1	327.8	333.8	3613
3250 >E	Fraser 345kV Voltage	Marcy South N.	15.5	327.8	327.8	3826
3250 >E	Ramapo 500kV Voltage	SBK Princetown 345	27.1	500	501.1	3025
3254 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	21.0	218.5	221.2	2214
3256 >E	Station 80 345kV Voltage	Marcy South N.	17.5	327.8	342.8	3826
3259 >E	Gilboa 345kV Voltage	SBK Marcy R3108	10.6	327.8	327.9	3104
3261 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	10.7	327.8	327.7	3232
3261 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	10.7	327.8	327.7	3232
3262 >E	Gilboa 345kV Voltage	SBK Edic R70	10.7	327.8	327.6	3300
3266 >E	St.Lawrence 230kV Voltage	Marcy South N.	26.9	218.5	228.0	3827
3267 >E	St.Lawrence 230kV Voltage	Marcy South S.	21.8	218.5	220.6	3616
3269 >E	Gilboa 345kV Voltage	SBK Princetown 345	10.8	327.8	326.9	3044
3271 >E	Ramapo 500kV Voltage	SBK Edic R70	28.7	500	500.4	3309
3272 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	13.4	327.8	333.0	2221
3272 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	13.5	327.8	334.4	2221
3278 >E	Millwood 345kV Voltage	Ravenswood 3	21.9	327.8	340.9	3379
3279 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	29.8	500	500.2	3250
3279 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	29.8	500	500.2	3250
3281 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	24.4	218.5	220.1	2366
3281 >E	St.Lawrence 230kV Voltage	SBK Edic R945	24.4	218.5	220.1	2366
3281 >E	Gilboa 345kV Voltage	Marcy South N.	14.8	327.8	341.0	3828
3284 >E	Ramapo 500kV Voltage	Pre-Fault	30.4	NA	500	3284
3286 >E	Leeds 345kV Voltage	Marcy South N.	12.6	327.8	349.7	3828
3291 >E	Station 80 345kV Voltage	SBK Edic R945	14.4	327.8	331.9	2371
3291 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	14.4	327.8	331.9	2371
3292 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	17.2	327.8	333.5	2229
3293 >E	Ramapo 500kV Voltage	SBK Marcy R3108	32.1	500	499.7	3134
3295 >E	Pannell Road 345kV Voltage	SBK Edic R945	14.8	327.8	333.1	2374
3295 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	14.8	327.8	333.1	2374
3297 >E	Rock Tavern 345kV Voltage	Ravenswood 3	16.4	327.8	332.1	3399
3301 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	17.8	327.8	333.1	2377
3301 >E	Buchanan North 345kV Voltage	SBK Edic R945	17.8	327.8	333.1	2377
3302 >E	Clay 345kV Voltage	Ravenswood 3	13.2	327.8	328.3	3403

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3307 >E	Gilboa 345kV Voltage	Volney-Marcy	13.1	327.8	331.6	3244
3311 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	13.7	327.8	330.9	3085
3321 >E	Station 80 345kV Voltage	Marcy South S.	15.0	327.8	330.1	3624
3324 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	30.4	218.5	218.5	3163
3324 >E	Clay 345kV Voltage	SBK Marcy R3108	16.6	327.8	328.3	3163
3325 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	26.7	218.5	218.5	3296
3325 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	26.7	218.5	218.5	3296
3327 >E	Clay 345kV Voltage	SBK Princetown 345	14.3	327.8	328.1	3100
3327 >E	Rock Tavern 345kV Voltage	SBK Edic R70	14.5	327.8	329.9	3367
3329 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	26.8	218.5	218.3	3102
3329 >E	Pannell Road 345kV Voltage	Marcy South S.	15.5	327.8	331.2	3626
3331 >E	Clay 345kV Voltage	Princetown-N.Scot 345	14.3	327.8	327.9	3301
3331 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	14.3	327.8	327.9	3302
3335 >E	St.Lawrence 230kV Voltage	SBK Edic R70	27.9	218.5	218.1	3375
3343 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	16.4	327.8	335.8	2250
3343 >E	Gilboa 345kV Voltage	Ph2 DC 1500	17.6	327.8	331.9	3518
3348 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	21.4	327.8	330.8	2252
3349 >E	Dunwoodie 345kV Voltage	Marcy South S.	22.3	327.8	330.8	3629
3350 >E	Sprain Brook 345kV Voltage	Marcy South S.	22.2	327.8	330.8	3629
3351 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	21.8	327.8	330.8	2407
3351 >E	Sprain Brook 345kV Voltage	SBK Edic R945	21.8	327.8	330.8	2407
3351 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	21.7	327.8	330.8	2253
3352 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	11.7	327.8	327.8	2408
3352 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	11.7	327.8	327.8	2253
3352 >E	Leeds 345kV Voltage	SBK Edic R945	11.7	327.8	327.8	2408
3352 >E	Leeds 345kV Voltage	SBK Marcy R3108	11.7	327.8	327.8	3188
3352 >E	Leeds 345kV Voltage	SBK Edic R70	11.7	327.8	327.8	3392
3352 >E	Leeds 345kV Voltage	SBK Princetown 345	11.7	327.8	327.8	3124
3352 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	11.7	327.8	327.8	3322
3352 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	11.7	327.8	327.8	3323
3353 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	15.7	327.8	328.3	3324
3353 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	15.7	327.8	328.3	3324
3353 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	22.1	327.8	330.7	2409
3353 >E	Dunwoodie 345kV Voltage	SBK Edic R945	22.1	327.8	330.7	2409
3355 >E	Millwood 345kV Voltage	Marcy South S.	19.5	327.8	331.7	3630
3355 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	18.8	327.8	331.7	2255
3357 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	17.1	327.8	335.2	2411

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3357 >E	Ramapo 345kV Voltage	SBK Edic R945	17.1	327.8	335.2	2411
3358 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	17.8	327.8	333.0	2256
3359 >E	Gilboa 345kV Voltage	Ravenswood 3	16.4	327.8	328.5	3460
3359 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	16.7	327.8	327.8	3330
3359 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	16.7	327.8	327.8	3330
3359 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	19.2	327.8	331.5	2412
3359 >E	Millwood 345kV Voltage	SBK Edic R945	19.2	327.8	331.5	2412
3360 >E	Station 80 345kV Voltage	SBK Princetown 345	16.8	327.8	327.7	3133
3361 >E	St.Lawrence 230kV Voltage	Volney-Marcy	32.9	218.5	223.8	3300
3365 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	18.3	327.8	332.7	2416
3365 >E	Buchanan South 345kV Voltage	SBK Edic R945	18.3	327.8	332.7	2416
3367 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	15.6	327.8	329.6	2417
3367 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	15.6	327.8	329.6	2417
3370 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	15.5	327.8	329.4	2261
3370 >E	Buchanan North 345kV Voltage	Ravenswood 3	32.9	327.8	338.7	3472
3372 >E	Station 80 345kV Voltage	SBK Marcy R3108	18.4	327.8	327.0	3206
3372 >E	Clay 345kV Voltage	SBK Edic R70	15.8	327.8	324.9	3414
3373 >E	Rock Tavern 345kV Voltage	Volney-Marcy	16.4	327.8	327.5	3312
3375 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	16.6	327.8	335.6	2263
3375 >E	Station 80 345kV Voltage	SBK Edic R70	17.4	327.8	326.8	3417
3383 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	15.3	327.8	333.2	2266
3387 >E	Leeds 345kV Voltage	Ravenswood 3	13.2	327.8	332.8	3488
3387 >E	Roseton 345kV Voltage	Marcy South S.	15.8	327.8	333.0	3634
3388 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	17.2	327.8	335.0	2430
3388 >E	Ladentown 345kV Voltage	SBK Edic R945	17.2	327.8	335.0	2430
3389 >E	Roseton 345kV Voltage	SBK Edic R945	15.7	327.8	332.9	2430
3389 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	15.7	327.8	332.9	2430
3390 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	17.0	327.8	328.3	3432
3391 >E	Buchanan North 345kV Voltage	SBK Princetown 345	21.2	327.8	329.2	3163
3391 >E	Pannell Road 345kV Voltage	SBK Princetown 345	18.2	327.8	327.8	3163
3391 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	18.1	327.8	327.8	3362
3391 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	18.1	327.8	327.8	3362
3398 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	17.3	327.8	327.7	3369
3399 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	17.3	327.8	327.7	3369
3400 >E	Buchanan North 345kV Voltage	SBK Edic R70	22.0	327.8	328.8	3442
3403 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	17.0	327.8	327.5	3175
3403 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	16.6	327.8	336.1	2274
3405 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	20.4	327.8	327.1	3236

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3408 >E	Ladentown 345kV Voltage	Ravenswood 3	21.9	327.8	338.6	3510
3408 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	16.5	327.8	336.2	2276
3410 >E	Sprain Brook 345kV Voltage	SBK Edic R70	25.2	327.8	328.5	3453
3412 >E	Dunwoodie 345kV Voltage	SBK Edic R70	25.5	327.8	328.5	3455
3412 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	24.7	327.8	328.4	3184
3412 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	21.9	327.8	331.2	3514
3414 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	25.0	327.8	328.4	3186
3417 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	17.3	327.8	335.4	2447
3417 >E	Bowline 1 345kV Voltage	SBK Edic R945	17.3	327.8	335.4	2447
3418 >E	Pannell Road 345kV Voltage	SBK Edic R70	19.2	327.8	326.3	3461
3419 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	23.0	327.8	328.0	3390
3419 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	23.0	327.8	328.0	3390
3420 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	18.0	327.8	326.5	3249
3420 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	18.2	327.8	324.1	3249
3422 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	17.2	327.8	335.5	2451
3422 >E	Bowline 2 345kV Voltage	SBK Edic R945	17.2	327.8	335.5	2451
3423 >E	Buchanan South 345kV Voltage	Marcy South S.	20.2	327.8	330.2	3640
3425 >E	Millwood 345kV Voltage	Volney-Marcy	21.9	327.8	338.7	3365
3426 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	26.1	327.8	327.9	3397
3426 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	26.1	327.8	327.9	3397
3427 >E	Millwood 345kV Voltage	SBK Edic R70	22.5	327.8	328.6	3471
3428 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	26.4	327.8	327.9	3399
3428 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	26.4	327.8	327.9	3399
3429 >E	Millwood 345kV Voltage	SBK Princetown 345	22.0	327.8	328.6	3200
3439 >E	Pannell Road 345kV Voltage	Volney-Marcy	21.9	327.8	328.8	3379
3444 >E	Buchanan North 345kV Voltage	Marcy South S.	22.1	327.8	326.9	3643
3445 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	23.4	327.8	327.9	3415
3445 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	23.4	327.8	327.9	3416
3448 >E	Buchanan South 345kV Voltage	Ravenswood 3	32.9	327.8	328.2	3550
3450 >E	Buchanan South 345kV Voltage	SBK Princetown 345	21.4	327.8	329.0	3221
3451 >E	Watercure 230kV Voltage	Marcy South N.	28.1	207	231.6	3836
3453 >E	Bowline 2 345kV Voltage	Ravenswood 3	21.9	327.8	339.3	3555
3454 >E	Buchanan South 345kV Voltage	SBK Edic R70	22.0	327.8	328.8	3498
3460 >E	Pleasant Valley 345kV Voltage	Marcy South N.	24.2	327.8	342.2	3837
3460 >E	Buchanan South 345kV Voltage	Volney-Marcy	21.9	327.8	327.6	3401
3461 >E	Roseton 345kV Voltage	SBK Princetown 345	17.8	327.8	329.2	3232
3465 >E	Roseton 345kV Voltage	SBK Edic R70	18.2	327.8	328.9	3510

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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3468 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	28.1	327.8	326.3	3294
3470 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	28.4	327.8	326.3	3295
3472 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	25.5	327.8	325.7	3297
3474 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	22.9	327.8	328.0	3445
3474 >E	Buchanan South 345kV Voltage	Princeton-N.Scot 345	22.9	327.8	328.0	3444
3477 >E	Ramapo 345kV Voltage	SBK Princeton 345	20.9	327.8	330.1	3248
3480 >E	Roseton 345kV Voltage	Ravenswood 3	21.9	327.8	337.4	3582
3483 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	18.9	327.8	328.0	3454
3483 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	18.9	327.8	328.0	3454
3490 >E	Millwood 345kV Voltage	SBK Marcy R3108	25.3	327.8	326.0	3313
3492 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	21.9	327.8	327.6	3434
3494 >E	Ramapo 345kV Voltage	SBK Edic R70	21.8	327.8	329.4	3539
3504 >E	Ramapo 345kV Voltage	Volney-Marcy	21.9	327.8	334.4	3446
3505 >E	Ladentown 345kV Voltage	SBK Princeton 345	20.8	327.8	329.9	3275
3509 >E	Clay 345kV Voltage	Ph2 DC 1500	28.8	327.8	326.7	3616
3511 >E	Somerset 345kV Voltage	Pre-Fault	32.2	NA	338	3511
3519 >E	Ladentown 345kV Voltage	SBK Edic R70	21.6	327.8	329.3	3565
3523 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	23.0	327.8	328.2	3494
3523 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	23.0	327.8	328.2	3494
3524 >E	Dunwoodie 345kV Voltage	Volney-Marcy	32.9	327.8	327.6	3467
3525 >E	Roseton 345kV Voltage	SBK Marcy R3108	20.3	327.8	325.8	3345
3525 >E	Station 80 345kV Voltage	Ph2 DC 1500	31.7	327.8	331.7	3626
3526 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	25.1	327.8	325.7	3346
3528 >E	Sprain Brook 345kV Voltage	Volney-Marcy	32.9	327.8	327.6	3470
3530 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	31.1	327.8	330.8	3628
3533 >E	Ladentown 345kV Voltage	Volney-Marcy	21.9	327.8	334.8	3476
3541 >E	Bowline 1 345kV Voltage	SBK Princeton 345	20.9	327.8	330.1	3311
3546 >E	Bowline 2 345kV Voltage	SBK Princeton 345	20.7	327.8	330.1	3316
3546 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	22.7	327.8	328.1	3517
3546 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	22.7	327.8	328.1	3517
3553 >E	Ramapo 345kV Voltage	Ravenswood 3	32.9	327.8	332.9	3656
3555 >E	Roseton 345kV Voltage	Volney-Marcy	21.9	327.8	335.1	3498
3557 >E	Bowline 1 345kV Voltage	SBK Edic R70	21.7	327.8	329.4	3605
3562 >E	Bowline 2 345kV Voltage	SBK Edic R70	21.5	327.8	329.5	3610
3569 >E	Bowline 1 345kV Voltage	Volney-Marcy	21.9	327.8	335.4	3512
3578 >E	Ramapo 500kV Voltage	Marcy South N.	79.1	500	508.0	3843
3578 >E	Buchanan North 345kV Voltage	Volney-Marcy	32.9	327.8	335.5	3522

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3579 >E	Bowline 2 345kV Voltage	Volney-Marcy	21.9	327.8	335.5	3522
3587 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	22.9	327.8	328.2	3558
3587 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	22.9	327.8	328.2	3558
3590 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	29.5	327.8	329.2	3664
3590 >E	Leeds 345kV Voltage	Ph2 DC 1500	22.3	327.8	333.3	3664
3591 >E	Ladentown 345kV Voltage	Marcy South S.	22.5	327.8	326.2	3665
3592 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	22.6	327.8	328.2	3563
3592 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	22.6	327.8	328.2	3563
3598 >E	Rock Tavern 345kV Voltage	Marcy South S.	20.4	327.8	312.9	3666
3603 >E	Ramapo 345kV Voltage	SBK Marcy R3108	26.2	327.8	324.7	3416
3604 >E	Leeds 345kV Voltage	Volney-Marcy	21.9	327.8	319.5	3548
3615 >E	Ramapo 345kV Voltage	Marcy South S.	24.0	327.8	324.2	3669
3617 >E	Station 80 345kV Voltage	Ravenswood 3	32.9	327.8	328.7	3720
3622 >E	Ladentown 345kV Voltage	SBK Marcy R3108	25.6	327.8	324.8	3433
3623 >E	Station 80 345kV Voltage	Volney-Marcy	32.9	327.8	328.5	3567
3634 >E	Bowline 1 345kV Voltage	Marcy South S.	22.8	327.8	326.1	3671
3635 >E	Bowline 1 345kV Voltage	Ravenswood 3	32.9	327.8	333.4	3738
3635 >E	Pannell Road 345kV Voltage	Ravenswood 3	32.9	327.8	319.9	3738
3635 >E	Coopers Corners 345kV Voltage	Marcy South N.	24.5	327.8	312.9	3846
3638 >E	Bowline 2 345kV Voltage	Marcy South S.	22.5	327.8	326.1	3672
3648 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	32.2	327.8	332.0	3699
3653 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	41.9	327.8	331.7	3702
3665 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	26.1	327.8	333.2	2380
3670 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	25.8	327.8	324.6	3476
3674 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	25.5	327.8	324.6	3480
3687 >E	St.Lawrence 230kV Voltage	Ravenswood 3	65.8	218.5	218.9	3790
3701 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	29.9	207	226.4	2395
3703 >E	Watercure 230kV Voltage	Volney-Marcy	26.3	207	217.7	3649
3718 >E	Somerset 345kV Voltage	SBK Edic R945	28.2	327.8	331.6	2628
3718 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	28.2	327.8	331.6	2628
3735 >E	Millwood 345kV Voltage	Ph2 DC 1500	42.4	327.8	330.9	3751
3761 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	50.2	327.8	330.2	3766
3765 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	41.2	327.8	331.5	3768
3766 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	50.7	327.8	330.1	3769
3771 >E	Somerset 345kV Voltage	Marcy South N.	34.4	327.8	344.9	3853
3775 >E	Somerset 345kV Voltage	Marcy South S.	29.7	327.8	329.8	3693
3778 >E	Millwood 345kV Voltage	Marcy South N.	42.3	327.8	337.6	3853
3809 >E	Ramapo 345kV Voltage	Ph2 DC 1500	40.5	327.8	331.9	3795
3809 >E	Dunwoodie 345kV Voltage	Marcy South N.	50.8	327.8	336.1	3854

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3814 >E	Roseton 345kV Voltage	Marcy South N.	33.5	327.8	340.7	3855
3816 >E	Sprain Brook 345kV Voltage	Marcy South N.	50.8	327.8	336.2	3855
3821 >E	Coopers Corners 345kV Voltage	Marcy South S.	21.1	327.8	255.4	3699
3840 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	32.2	327.8	327.8	3811
3840 >E	Somerset 345kV Voltage	Princeton-N.Scot 345	32.2	327.8	327.8	3811
3848 >E	Somerset 345kV Voltage	Volney-Marcy	32.9	327.8	340.0	3798
3849 >E	Somerset 345kV Voltage	SBK Princeton 345	32.6	327.8	327.5	3615
3859 >E	Ladentown 345kV Voltage	Ph2 DC 1500	40.2	327.8	332.2	3825
3860 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	36.5	207	224.9	2713
3860 >E	Watercure 230kV Voltage	SBK Edic R945	36.5	207	224.9	2713
3869 >E	Somerset 345kV Voltage	SBK Edic R70	33.4	327.8	326.9	3928
3888 >E	Roseton 345kV Voltage	Ph2 DC 1500	38.2	327.8	330.8	3842
3892 >E	Buchanan South 345kV Voltage	Marcy South N.	43.6	327.8	337.4	3859
3913 >E	Buchanan North 345kV Voltage	Marcy South N.	48.8	327.8	334.8	3860
3924 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	40.2	327.8	332.3	3863
3931 >E	Somerset 345kV Voltage	SBK Marcy R3108	36.2	327.8	324.9	3714
3941 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	40.1	327.8	332.4	3873
3984 >E	Rock Tavern 345kV Voltage	Marcy South N.	38.3	327.8	329.7	3863
4125 >E	Watercure 230kV Voltage	Ravenswood 3	43.8	207	208.1	4230
4175 >E	Ladentown 345kV Voltage	Marcy South N.	47.5	327.8	336.2	3873
4176 >E	Somerset 345kV Voltage	Ph2 DC 1500	51.8	327.8	333.5	4013
4184 >E	Ramapo 345kV Voltage	Marcy South N.	49.8	327.8	334.5	3874
4256 >E	Bowline 1 345kV Voltage	Marcy South N.	47.7	327.8	336.7	3877
4285 >E	Bowline 2 345kV Voltage	Marcy South N.	47.9	327.8	336.8	3879
4315 >E	Rainey 345kV Voltage	Ravenswood 3	65.8	327.8	334.5	4421
4326 >E	Farragut 345kV Voltage	Ravenswood 3	65.8	327.8	353.1	4431
4329 >E	Watercure 230kV Voltage	Ph2 DC 1500	60.8	207	222.6	4104
4492 >E	Niagara 345kV Voltage	Pre-Fault	73.9	NA	338	4492
4503 >E	Rainey 345kV Voltage	Pre-Fault	92.8	NA	338	4503
4515 >E	Farragut 345kV Voltage	Pre-Fault	96.6	NA	338	4515
4596 >E	Somerset 345kV Voltage	Ravenswood 3	65.7	327.8	328.7	4702
4725 >E	Farragut 345kV Voltage	Volney-Marcy	65.8	327.8	353.1	4695
4732 >E	Northport 138kV Voltage	Volney-Marcy	131.5	131.1	143.8	4702
4758 >E	Rainey 345kV Voltage	Volney-Marcy	65.8	327.8	327.7	4728
4788 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	59.4	327.8	334.0	2835
4903 >E	Watercure 230kV Voltage	Pre-Fault	105.9	NA	215	4903
4950 >E	Niagara 345kV Voltage	SBK Edic R945	64.7	327.8	331.8	3368
4950 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	64.7	327.8	331.8	3369
4957 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	74.1	327.8	333.1	2903
4996 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	77.1	327.8	333.0	2919

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4999 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	75.9	327.8	332.7	3398
4999 >E	Rainey 345kV Voltage	SBK Edic R945	75.9	327.8	332.7	3398
5002 >E	Niagara 345kV Voltage	Volney-Marcy	65.8	327.8	327.9	4978
5014 >E	Goethals 345kV Voltage	Pre-Fault	130.7	NA	338	5014
5017 >E	Niagara 230kV East Voltage	Pre-Fault	223.1	NA	225	5017
5017 >E	Niagara 230kV West Voltage	Pre-Fault	223.1	NA	225	5017
5023 >E	Rainey 345kV Voltage	Marcy South S.	77.1	327.8	332.4	3880
5035 >E	Niagara 230kV East Voltage	Ravenswood 3	131.5	218.5	248.8	5143
5035 >E	Niagara 230kV West Voltage	Ravenswood 3	131.5	218.5	248.8	5143
5040 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	79.0	327.8	332.6	3422
5040 >E	Farragut 345kV Voltage	SBK Edic R945	79.0	327.8	332.6	3422
5066 >E	Farragut 345kV Voltage	Marcy South S.	80.3	327.8	332.3	3886
5066 >E	Niagara 230kV East Voltage	Volney-Marcy	131.5	218.5	249.0	5043
5066 >E	Niagara 230kV West Voltage	Volney-Marcy	131.5	218.5	249.0	5043
5102 >E	Niagara 345kV Voltage	Marcy South S.	68.9	327.8	329.7	3891
5248 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	73.9	327.8	327.8	5220
5248 >E	Niagara 345kV Voltage	Prinetown-N.Scot 345	73.9	327.8	327.8	5220
5265 >E	Rainey 345kV Voltage	SBK Prinetown 345	85.3	327.8	329.8	5011
5279 >E	Niagara 345kV Voltage	Marcy South N.	79.7	327.8	348.6	3929
5284 >E	Niagara 345kV Voltage	SBK Prinetown 345	75.1	327.8	327.3	5030
5308 >E	Farragut 345kV Voltage	SBK Prinetown 345	88.7	327.8	329.8	5054
5333 >E	Niagara 345kV Voltage	SBK Edic R70	77.0	327.8	326.6	5441
5344 >E	Rainey 345kV Voltage	SBK Edic R70	88.8	327.8	328.9	5453
5393 >E	Farragut 345kV Voltage	SBK Edic R70	92.5	327.8	328.9	5504
5425 >E	Rainey 345kV Voltage	Prinetown-N.Scot 345	91.8	327.8	328.1	5397
5426 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	91.8	327.8	328.0	5398
5476 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	95.6	327.8	328.1	5447
5476 >E	Farragut 345kV Voltage	Prinetown-N.Scot 345	95.6	327.8	328.1	5448
5578 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	167.5	218.5	222.5	3154
5578 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	167.5	218.5	222.5	3154
5594 >E	Niagara 345kV Voltage	SBK Marcy R3108	85.4	327.8	323.1	5224
5619 >E	Rainey 345kV Voltage	SBK Marcy R3108	98.8	327.8	326.0	5247
5642 >E	Watercure 230kV Voltage	SBK Prinetown 345	103.1	207	208.0	5383
5670 >E	Farragut 345kV Voltage	SBK Marcy R3108	102.7	327.8	326.0	5293
5678 >E	Watercure 230kV Voltage	SBK Marcy R3108	108.8	207	207.7	5300
5691 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	105.1	327.8	332.8	3200
5715 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	104.7	207	207.3	5687

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5717 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	104.8	207	207.3	5690
5743 >E	Watercure 230kV Voltage	Marcy South S.	99.7	207	207.1	3988
5761 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	108.0	327.8	332.3	3856
5761 >E	Goethals 345kV Voltage	SBK Edic R945	108.0	327.8	332.3	3856
5794 >E	Goethals 345kV Voltage	Marcy South S.	109.6	327.8	332.0	3995
5871 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	186.4	218.5	221.2	3922
5871 >E	Niagara 230kV East Voltage	SBK Edic R945	186.4	218.5	221.2	3922
5871 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	186.4	218.5	221.2	3922
5871 >E	Niagara 230kV West Voltage	SBK Edic R945	186.4	218.5	221.2	3922
6043 >E	Goethals 345kV Voltage	SBK Princetown 345	118.3	327.8	330.1	5778
6129 >E	Watercure 230kV Voltage	SBK Edic R70	120.3	207	203.4	6265
6192 >E	Niagara 345kV Voltage	Ph2 DC 1500	112.5	327.8	335.7	5213
6199 >E	Niagara 230kV East Voltage	Marcy South S.	205.7	218.5	219.7	4056
6199 >E	Niagara 230kV West Voltage	Marcy South S.	205.7	218.5	219.7	4056
6223 >E	Goethals 345kV Voltage	SBK Edic R70	125.9	327.8	328.8	6362
6309 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	129.1	327.8	328.1	6281
6309 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	129.1	327.8	328.1	6281
6335 >E	Niagara 230kV East Voltage	Marcy South N.	227.1	218.5	231.5	3983
6335 >E	Niagara 230kV West Voltage	Marcy South N.	227.1	218.5	231.5	3983
6471 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	223.3	218.5	218.5	6444
6471 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	223.3	218.5	218.5	6444
6471 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	223.3	218.5	218.5	6444
6471 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	223.3	218.5	218.5	6444
6519 >E	Goethals 345kV Voltage	SBK Marcy R3108	136.9	327.8	326.5	6064
6542 >E	Niagara 230kV East Voltage	SBK Princetown 345	228.0	218.5	218.2	6270
6542 >E	Niagara 230kV West Voltage	SBK Princetown 345	228.0	218.5	218.2	6270
6639 >E	Niagara 230kV East Voltage	SBK Edic R70	234.8	218.5	217.7	6791
6639 >E	Niagara 230kV West Voltage	SBK Edic R70	234.8	218.5	217.7	6791
6741 >E	Gardenville 230kV Voltage	Volney-Marcy	131.5	207	207.1	6756
6845 >E	Rainey 345kV Voltage	Ph2 DC 1500	147.9	327.8	331.8	5601
6896 >E	Farragut 345kV Voltage	Ph2 DC 1500	152.9	327.8	331.9	5632
7163 >E	Niagara 230kV East Voltage	SBK Marcy R3108	267.9	218.5	215.4	6649
7163 >E	Niagara 230kV West Voltage	SBK Marcy R3108	267.9	218.5	215.4	6649
7194 >E	Rainey 345kV Voltage	Marcy South N.	159.1	327.8	342.0	4027
7252 >E	Farragut 345kV Voltage	Marcy South N.	164.5	327.8	341.7	4029
7930 >E	Niagara 230kV East Voltage	Ph2 DC 1500	336.0	218.5	224.4	6247
7930 >E	Niagara 230kV West Voltage	Ph2 DC 1500	336.0	218.5	224.4	6247
8023 >E	Goethals 345kV Voltage	Ph2 DC 1500	198.6	327.8	332.7	6303

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
8464 >E	Northport 138kV Voltage	Pre-Fault	613.6	NA	135	8464
8643 >E	Goethals 345kV Voltage	Marcy South N.	220.6	327.8	341.9	4100
9601 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	515.1	131.1	133.1	4781
9689 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	522.3	131.1	133.0	6216
9689 >E	Northport 138kV Voltage	SBK Edic R945	522.3	131.1	133.0	6216
9916 >E	Northport 138kV Voltage	Marcy South S.	541.6	131.1	132.6	4613
10475 >E	Northport 138kV Voltage	SBK Princetown 345	583.1	131.1	131.7	10149
10577 >E	Northport 138kV Voltage	SBK Edic R70	591.8	131.1	131.6	10864
10813 >E	Northport 138kV Voltage	361-362 D1b Ckt Twr 345	610.1	131.1	131.2	10787
10813 >E	Northport 138kV Voltage	Princetown-N.Scot 345	610.1	131.1	131.2	10789
11302 >E	Northport 138kV Voltage	SBK Marcy R3108	647.6	131.1	130.4	10407
12523 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	346.1	207	235.7	5963
16415 >E	Northport 138kV Voltage	Ph2 DC 1500	1060.3	131.1	133.0	11297
17669 >E	Gardenville 230kV Voltage	SBK Edic R945	533.4	207	236.1	11011
17669 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	533.4	207	236.1	11011
19370 >E	Northport 138kV Voltage	Marcy South N.	1289.0	131.1	137.0	4645
27254 >E	Gardenville 230kV Voltage	Marcy South N.	934.4	207	351.4	5046
64913 >E	Gardenville 230kV Voltage	Marcy South S.	2233.3	207	239.1	12857
99998 >E	Goethals 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Goethals 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
99998 >E	Gardenville 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

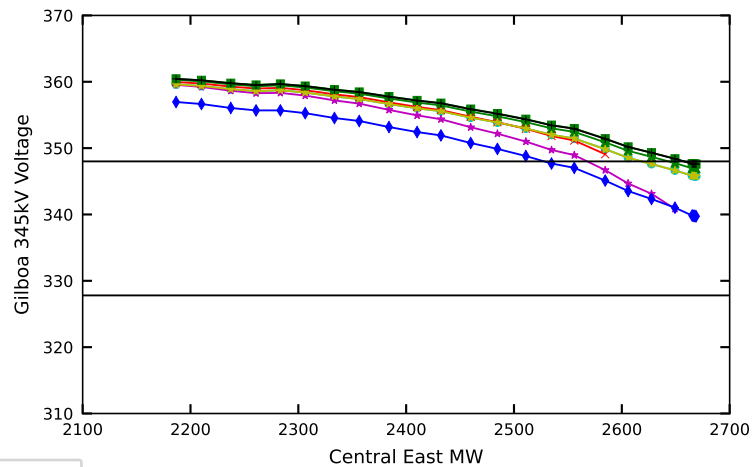
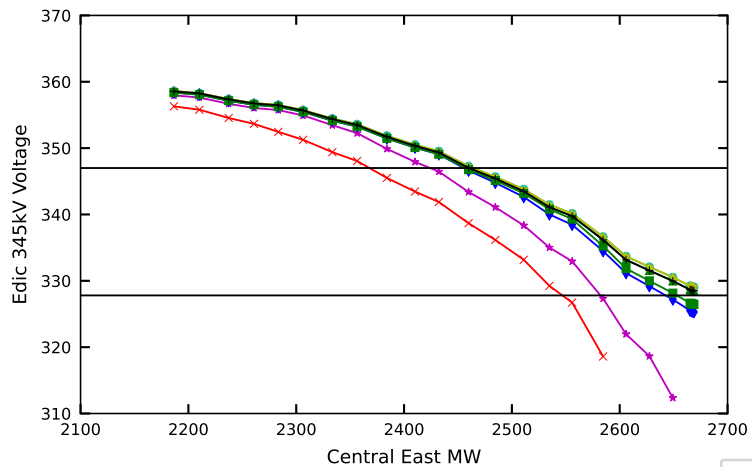
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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

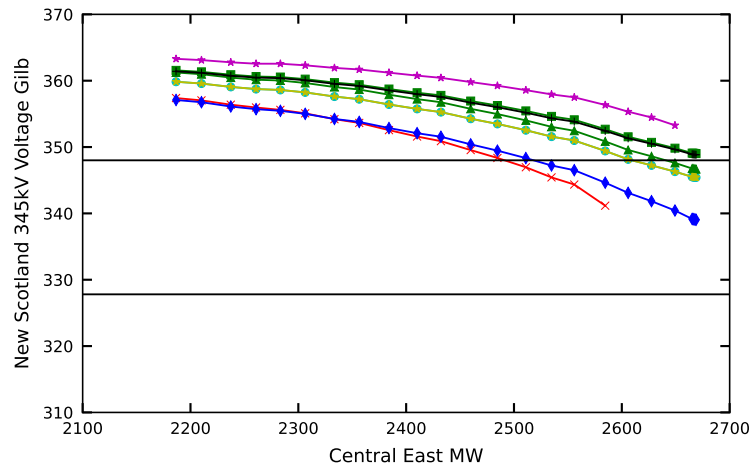
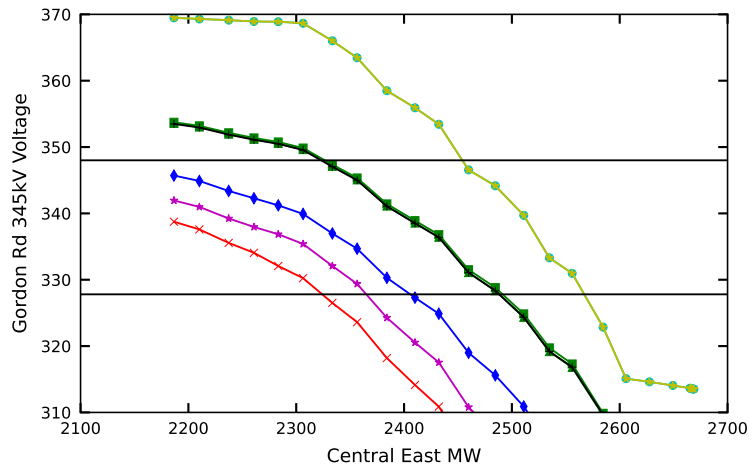
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	361-362 D1b Ckt Twr 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
>E						
99998	St.Lawrence 230kV Voltage	Ph2 DC 1500	NA	218.5	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

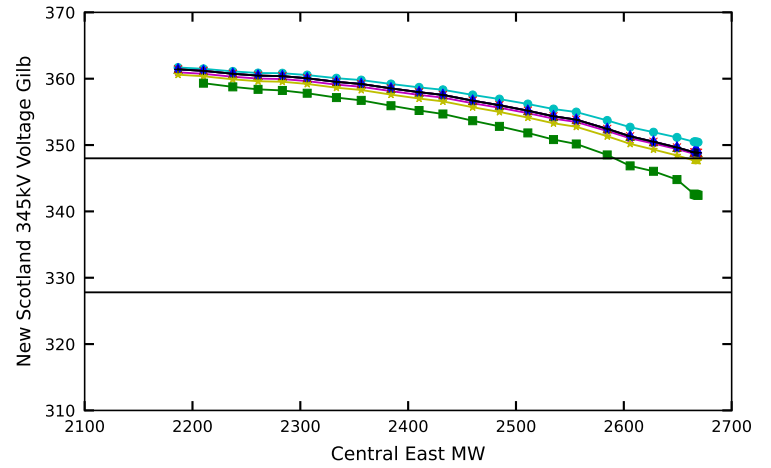
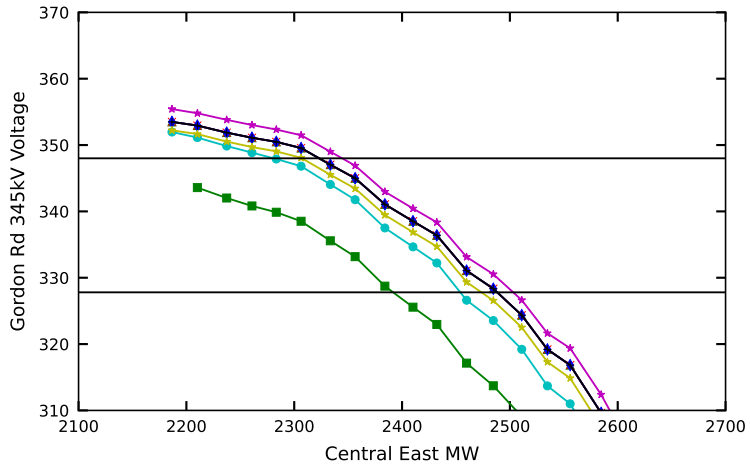
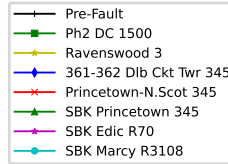
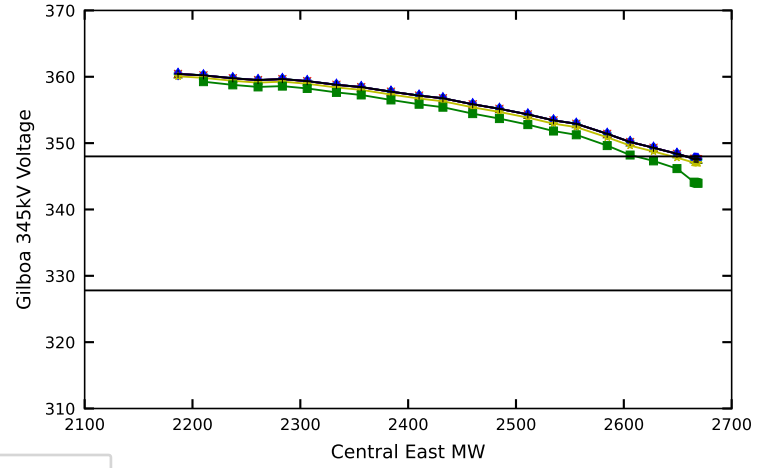
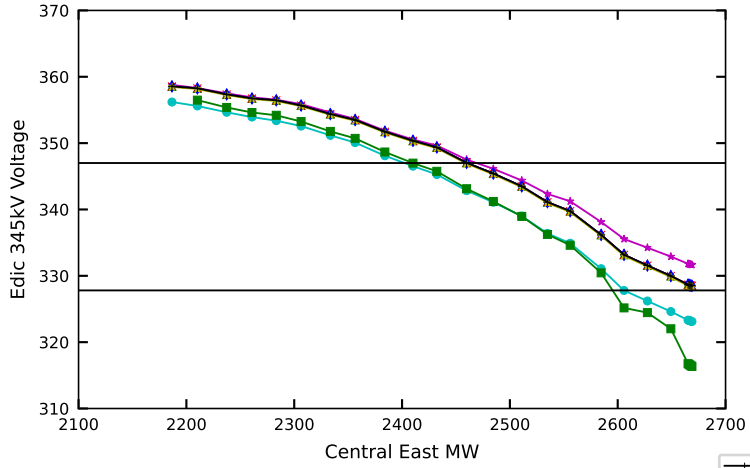
1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS Figure 1



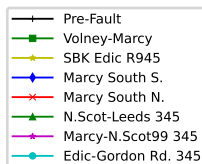
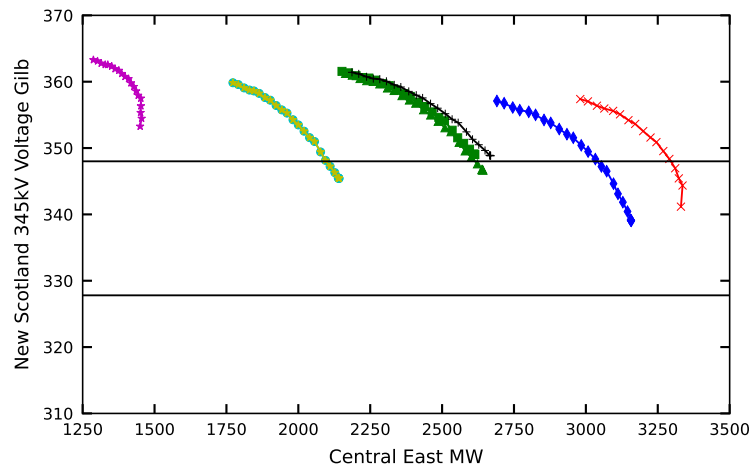
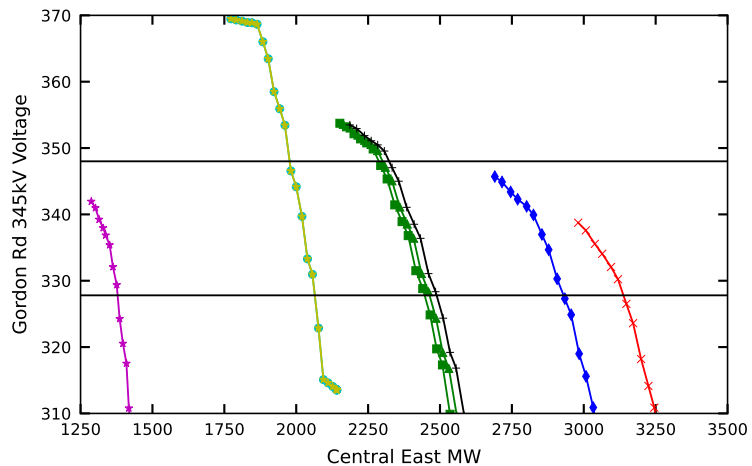
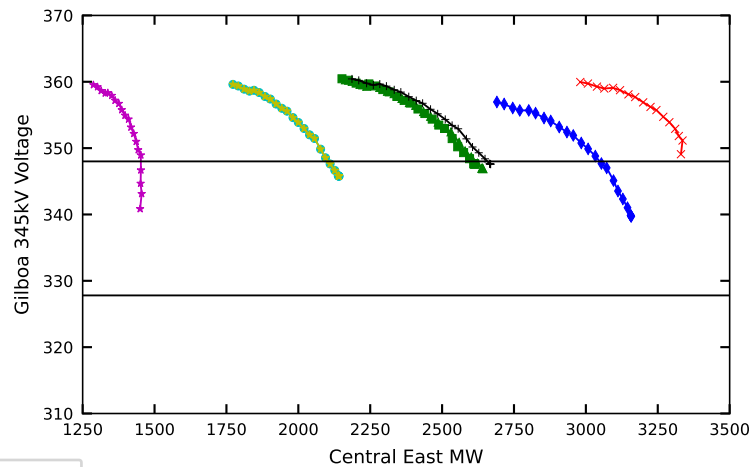
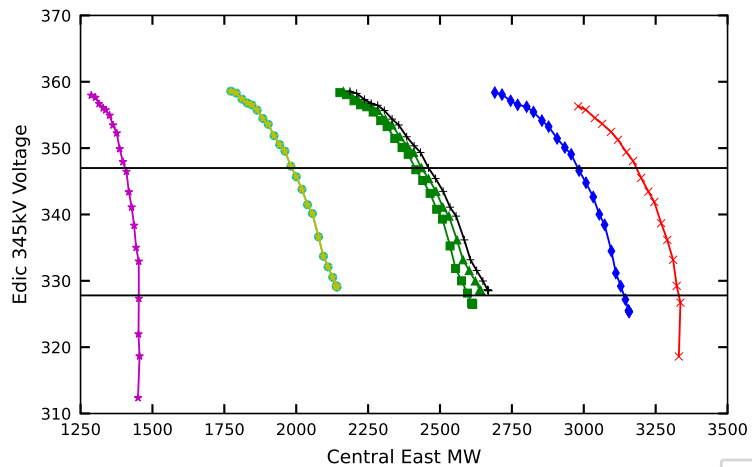
- +— Pre-Fault
- Volney-Marcy
- ▲— SBK Edic R945
- ◆— Marcy South S.
- ×— Marcy South N.
- ▲— N.Scot-Leeds 345
- ◆— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



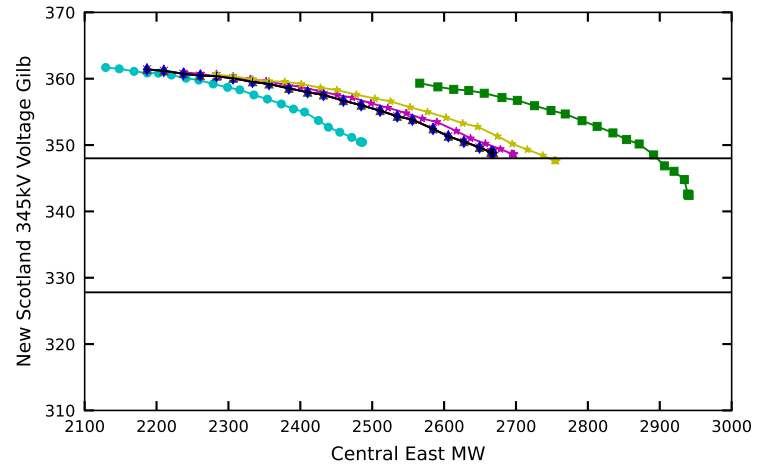
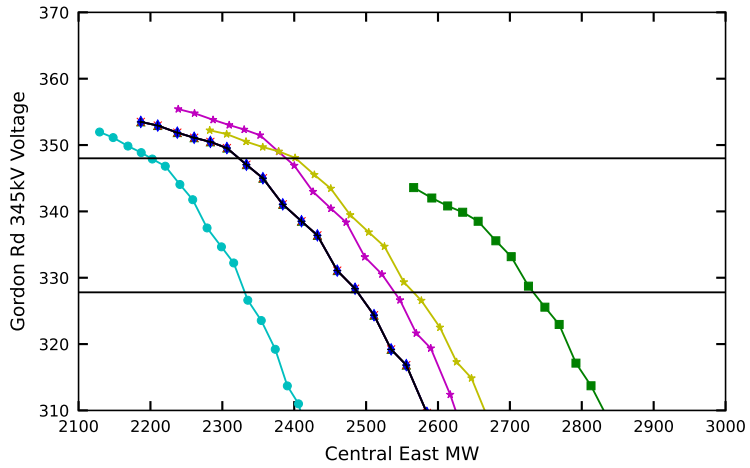
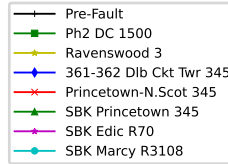
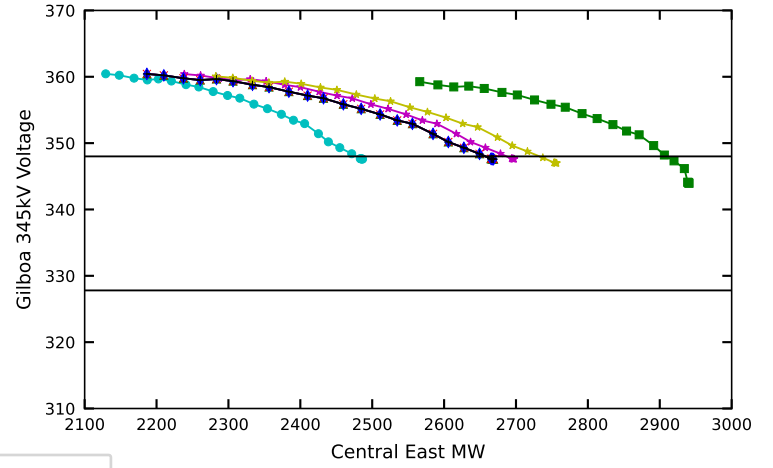
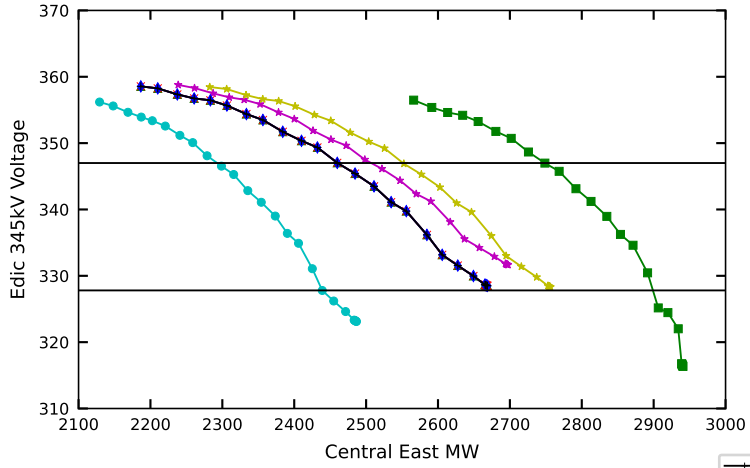
1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS Figure 2



1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS Figure 1



1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\371_OS\Sum2023_CEVC_PH2_50_371_OS.xlsx

1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2186	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2210	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2237	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2260	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2283	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2306	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2333	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2356	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2384	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2410	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2432	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2459	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2484	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2510	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2534	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
2555	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
2584	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7															
2605	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2627	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2649	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2665	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2666	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2666	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	3															
2667	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	4															
2668	t2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-14-2023 14:32

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\371_OS\Sum2023_CEVC_PH2_5O_371_OS.xlsx

1: 2023S CEVC PH2 CE2180 MS2270 DE1300 5O 371_OS

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\371_OS\Sum2023_CEVC_PH2_5O_371_OS.xlsx

1: 2023S CEVC PH2 CE2180 MS2270 DE1300 5O 371_OS

Interface: Central East

Dlb Ckt																							
Twr 345																							
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																							
wood 3																							
log15)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph2 DC																							
1500																							

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2059 <E	Dunwoodie 345kV Voltage	Pre-Fault	121.3	NA	348	2059
2070 <E	Sprain Brook 345kV Voltage	Pre-Fault	121.6	NA	348	2070
2323	Gordon Rd 345kV Voltage	Pre-Fault	10.8	NA	348	2323
2324	Gordon Rd 345kV Voltage	Marcy South N.	7.3	327.8	347.9	3137
2364	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.4	327.8	343.8	1378
2391	Gordon Rd 345kV Voltage	Ph2 DC 1500	8.2	327.8	340.3	2732
2405	Gordon Rd 345kV Voltage	Marcy South S.	8.7	327.8	338.9	2929
2428	limit with 5% margin	Marcy South N.	NA	NA	NA	3169
2447	Marcy 345kV Voltage	Pre-Fault	11.8	NA	348	2447
2454	Gordon Rd 345kV Voltage	SBK Marcy R3108	4.9	327.8	332.2	2331
2455	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1379
2460	Edic 345kV Voltage	Pre-Fault	15.3	NA	347	2460
2473	Gordon Rd 345kV Voltage	Ravenswood 3	8.9	327.8	329.6	2565
2488	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	6.6	327.8	327.8	2463
2488	Gordon Rd 345kV Voltage	SBK Princetown 345	6.6	327.8	327.8	2488
2488	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	6.6	327.8	327.8	2488
2488	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	6.6	327.8	327.8	2488
2491	Gordon Rd 345kV Voltage	Volney-Marcy	6.7	327.8	327.3	2446
2492	Millwood 345kV Voltage	Pre-Fault	80.8	NA	348	2492
2503	Gordon Rd 345kV Voltage	SBK Edic R70	6.8	327.8	325.6	2539
2535	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2034
2535	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2509
2535	limit with 5% margin	Marcy South S.	NA	NA	NA	2999
2535	limit with 5% margin	SBK Edic R945	NA	NA	NA	2034
2535	limit with 5% margin	Volney-Marcy	NA	NA	NA	2483
2535	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2362
2535	limit with 5% margin	SBK Edic R70	NA	NA	NA	2562
2535	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2535
2535	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2535
2535	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2535
2535	limit with 5% margin	Ravenswood 3	NA	NA	NA	2618
2535	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2793
2546	Marcy 345kV Voltage	Marcy South N.	8.3	327.8	340.3	3330
2546	Edic 345kV Voltage	Marcy South N.	8.4	327.8	340.3	3330
2567	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	3.5	327.8	314.0	2064
2567	Gordon Rd 345kV Voltage	SBK Edic R945	3.5	327.8	314.0	2064
2568	Buchanan North 345kV Voltage	Pre-Fault	52.8	NA	346	2568
2581 >E	Oakdale 345kV Voltage	Marcy South N.	8.9	320	344.9	3352
2582	Edic 345kV Voltage	Marcy-N.Scot99 345	5.1	327.8	336.5	1452

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2586 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.8	327.8	342.3	1452
2586 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.1	327.8	335.8	1452
2593	Pannell Road 345kV Voltage	Pre-Fault	15.1	NA	346	2593
2593	Station 80 345kV Voltage	Pre-Fault	15.5	NA	346	2593
2595	Edic 345kV Voltage	Ph2 DC 1500	4.0	327.8	334.7	2898
2595	Marcy 345kV Voltage	Ph2 DC 1500	4.0	327.8	334.5	2899
2600	Clay 345kV Voltage	Pre-Fault	14.2	NA	345	2600
2602 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.1	327.8	342.1	1452
2605	Edic 345kV Voltage	SBK Marcy R3108	6.5	327.8	333.2	2438
2618	Rock Tavern 345kV Voltage	Pre-Fault	35.3	NA	348	2618
2625 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	5.0	320	337.8	1452
2642	Edic 345kV Voltage	Marcy South S.	10.8	327.8	330.5	3139
2643	Coopers Corners 345kV Voltage	Pre-Fault	16.5	NA	338	2643
2644	Marcy 345kV Voltage	Marcy South S.	10.7	327.8	330.2	3140
2648	Fraser 345kV Voltage	Pre-Fault	11.8	NA	338	2648
2652	Edic 345kV Voltage	Volney-Marcy	10.5	327.8	329.7	2598
2654	Marcy 345kV Voltage	Volney-Marcy	10.4	327.8	329.4	2599
2657	Gilboa 345kV Voltage	Pre-Fault	21.4	NA	348	2657
2665	Oakdale 345kV Voltage	Pre-Fault	13.8	NA	335	2665
2679 >E	Edic 345kV Voltage	Ravenswood 3	20.9	327.8	328.0	2767
2680 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	20.9	327.8	327.8	2653
2680 >E	Marcy 345kV Voltage	SBK Marcy R3108	20.9	327.8	327.8	2496
2680 >E	Marcy 345kV Voltage	Ravenswood 3	20.9	327.8	327.8	2767
2680 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	21.0	327.8	327.8	2149
2680 >E	Marcy 345kV Voltage	SBK Edic R945	21.0	327.8	327.8	2149
2680 >E	Marcy 345kV Voltage	SBK Edic R70	21.0	327.8	327.8	2708
2680 >E	Marcy 345kV Voltage	SBK Princetown 345	21.0	327.8	327.8	2680
2680 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	21.0	327.8	327.8	2680
2680 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	21.0	327.8	327.8	2680
2680 >E	Clay 345kV Voltage	Marcy South N.	13.2	327.8	343.3	3412
2683 >E	Edic 345kV Voltage	N.Scot-Leeds 345	21.0	327.8	327.8	2656
2683 >E	Edic 345kV Voltage	SBK Princetown 345	20.9	327.8	327.8	2683
2683 >E	Edic 345kV Voltage	Princetown-N.Scot 345	20.9	327.8	327.8	2683
2683 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	20.9	327.8	327.8	2683
2695 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	21.2	327.8	327.2	2160
2695 >E	Edic 345kV Voltage	SBK Edic R945	21.2	327.8	327.2	2160
2702 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	9.5	327.8	338.8	1453
2706 >E	Ramapo 500kV Voltage	Ph2 DC 1500	34.3	500	506.5	2959
2714 >E	New Scotland 345kV Voltage Alps	Pre-Fault	54.3	NA	348	2714

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2714 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	54.3	NA	348	2714
2724 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	35.1	500	505.1	1453
2734 >E	Fraser 345kV Voltage	Ph2 DC 1500	12.0	327.8	334.1	2973
2741 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	18.0	327.8	334.9	2977
2749 >E	Edic 345kV Voltage	SBK Edic R70	21.0	327.8	324.6	2778
2764 >E	Oakdale 345kV Voltage	Ph2 DC 1500	13.0	320	331.7	2988
2792 >E	Pannell Road 345kV Voltage	Marcy South N.	19.7	327.8	342.2	3481
2804 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	34.2	327.8	333.7	2237
2804 >E	Coopers Corners 345kV Voltage	SBK Edic R945	34.2	327.8	333.7	2237
2806 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	27.2	218.5	226.3	3009
2811 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	15.6	327.8	338.0	1454
2814 >E	Clay 345kV Voltage	Ph2 DC 1500	17.1	327.8	338.7	3013
2824 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	12.7	327.8	338.7	1454
2836 >E	Ramapo 500kV Voltage	Ravenswood 3	78.0	500	505.2	2921
2842 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	24.5	218.5	222.1	1454
2851 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	17.4	327.8	337.0	1454
2853 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	21.8	327.8	330.0	2271
2853 >E	Fraser 345kV Voltage	SBK Edic R945	21.8	327.8	330.0	2271
2860 >E	Station 80 345kV Voltage	Marcy South N.	23.0	327.8	341.6	3523
2881 >E	New Scotland 345kV Voltage Alps	Marcy South N.	19.6	327.8	345.9	3536
2881 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	19.6	327.8	345.9	3536
2904 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	18.6	327.8	338.0	1454
2916 >E	Fraser 345kV Voltage	Marcy South S.	28.9	327.8	327.8	3320
2916 >E	Fraser 345kV Voltage	SBK Edic R70	28.9	327.8	327.8	2946
2916 >E	Fraser 345kV Voltage	SBK Princetown 345	28.9	327.8	327.8	2916
2916 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	28.9	327.8	327.8	2916
2916 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	28.9	327.8	327.8	2916
2916 >E	Fraser 345kV Voltage	Volney-Marcy	29.0	327.8	327.8	2862
2916 >E	Fraser 345kV Voltage	Ravenswood 3	29.0	327.8	327.8	2999
2916 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	29.0	327.8	327.8	2886
2916 >E	Fraser 345kV Voltage	SBK Marcy R3108	29.0	327.8	327.8	2703
2932 >E	Coopers Corners 345kV Voltage	Ravenswood 3	47.5	327.8	331.1	3015
2932 >E	St.Lawrence 230kV Voltage	Pre-Fault	94.7	NA	225	2932
2938 >E	Oakdale 345kV Voltage	SBK Marcy R3108	26.5	320	326.0	2723
2944 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	23.7	320	325.8	2335
2944 >E	Oakdale 345kV Voltage	SBK Edic R945	23.7	320	325.8	2335
2951 >E	Fraser 345kV Voltage	Marcy South N.	20.2	327.8	327.8	3579
2951 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	19.4	327.8	343.6	3082
2951 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	19.4	327.8	343.6	3082
2976 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	25.9	327.8	338.0	3095

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3002 >E	St.Lawrence 230kV Voltage	Marcy South N.	41.7	218.5	223.4	3610
3003 >E	Oakdale 345kV Voltage	Volney-Marcy	26.7	320	323.9	2949
3006 >E	New Scotland 345kV Voltage Alps	Marcy South S.	30.1	327.8	342.6	3379
3006 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	30.1	327.8	342.6	3379
3010 >E	Watercure 230kV Voltage	Marcy South N.	28.9	207	227.6	3615
3029 >E	Gilboa 345kV Voltage	Ph2 DC 1500	22.3	327.8	341.2	3121
3034 >E	Station 80 345kV Voltage	Ph2 DC 1500	29.7	327.8	337.7	3124
3055 >E	Gilboa 345kV Voltage	Marcy South S.	32.4	327.8	340.8	3412
3057 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	72.9	500	503.0	2415
3057 >E	Ramapo 500kV Voltage	SBK Edic R945	72.9	500	503.0	2415
3059 >E	Clay 345kV Voltage	SBK Marcy R3108	35.0	327.8	332.6	2828
3063 >E	Oakdale 345kV Voltage	Ravenswood 3	29.0	320	321.9	3143
3064 >E	Clay 345kV Voltage	Marcy South S.	30.8	327.8	332.4	3417
3077 >E	Oakdale 345kV Voltage	Marcy South S.	28.0	320	321.5	3426
3080 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	50.1	327.8	328.2	3049
3081 >E	Coopers Corners 345kV Voltage	SBK Edic R70	50.4	327.8	328.2	3114
3092 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	56.5	218.5	223.3	2858
3095 >E	Clay 345kV Voltage	Volney-Marcy	33.5	327.8	331.6	3042
3095 >E	Coopers Corners 345kV Voltage	Volney-Marcy	47.3	327.8	327.9	3042
3100 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	50.2	327.8	327.8	3100
3100 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	50.2	327.8	327.8	3100
3100 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	50.2	327.8	327.8	3100
3122 >E	Oakdale 345kV Voltage	SBK Princetown 345	30.5	320	320.0	3122
3122 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	30.5	320	320.0	3122
3122 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	30.5	320	320.0	3122
3123 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	30.8	320	320.0	3091
3145 >E	Oakdale 345kV Voltage	SBK Edic R70	30.9	320	319.2	3178
3164 >E	Ramapo 500kV Voltage	Marcy South N.	82.4	500	502.4	3710
3197 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	37.5	327.8	334.1	1456
3198 >E	Ramapo 500kV Voltage	Marcy South S.	75.1	500	501.6	3505
3203 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	38.3	327.8	328.9	2518
3203 >E	Clay 345kV Voltage	SBK Edic R945	38.3	327.8	328.9	2518
3221 >E	Clay 345kV Voltage	Ravenswood 3	38.7	327.8	328.5	3299
3248 >E	Clay 345kV Voltage	SBK Princetown 345	39.7	327.8	327.8	3248
3248 >E	Clay 345kV Voltage	Princetown-N.Scot 345	39.7	327.8	327.8	3248
3248 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	39.7	327.8	327.8	3248
3249 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	33.1	327.8	336.6	1456
3250 >E	Clay 345kV Voltage	N.Scot-Leeds 345	40.0	327.8	327.7	3217

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3272 >E	Ramapo 500kV Voltage	SBK Marcy R3108	88.3	500	500.9	3015
3274 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	34.5	207	232.2	1457
3277 >E	Buchanan South 345kV Voltage	Pre-Fault	654.6	NA	346	3277
3280 >E	Pleasant Valley 345kV Voltage	Pre-Fault	640.7	NA	348	3280
3282 >E	Gilboa 345kV Voltage	Marcy South N.	31.1	327.8	335.3	3782
3285 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	54.6	327.8	324.1	3027
3288 >E	Ramapo 500kV Voltage	Volney-Marcy	91.3	500	500.7	3235
3291 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	24.8	327.8	318.2	1457
3291 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	24.8	327.8	318.2	1457
3307 >E	Clay 345kV Voltage	SBK Edic R70	40.9	327.8	326.3	3341
3312 >E	St.Lawrence 230kV Voltage	Volney-Marcy	74.4	218.5	221.0	3259
3338 >E	Watercure 230kV Voltage	Ph2 DC 1500	31.4	207	222.9	3276
3338 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	99.1	500	500.2	3304
3343 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	34.7	327.8	336.3	1457
3345 >E	Pannell Road 345kV Voltage	Marcy South S.	46.0	327.8	331.1	3602
3359 >E	Ramapo 500kV Voltage	Pre-Fault	99.7	NA	500	3359
3359 >E	Ramapo 500kV Voltage	SBK Princetown 345	99.7	500	500.0	3359
3359 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	99.7	500	500.0	3359
3359 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	99.7	500	500.0	3359
3361 >E	St.Lawrence 230kV Voltage	Marcy South S.	74.3	218.5	220.5	3612
3370 >E	Ramapo 500kV Voltage	SBK Edic R70	101.4	500	499.9	3404
3371 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	33.7	327.8	338.9	1457
3372 >E	Pannell Road 345kV Voltage	Volney-Marcy	47.2	327.8	330.6	3319
3378 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	50.9	327.8	330.5	3108
3387 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	40.5	327.8	333.0	1457
3388 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	40.9	327.8	335.6	2649
3388 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	40.9	327.8	335.6	2649
3389 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	40.9	327.8	335.6	2649
3389 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	40.9	327.8	335.6	2649
3394 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	34.5	327.8	336.9	1457
3400 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	43.1	327.8	342.9	3307
3409 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	34.5	327.8	337.0	1457
3426 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	44.6	327.8	331.2	1458
3431 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	51.5	327.8	330.3	1458
3432 >E	Gilboa 345kV Voltage	SBK Edic R945	42.5	327.8	334.1	2680
3434 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	42.7	327.8	334.1	2681
3436 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	52.0	327.8	330.2	1458
3437 >E	Ramapo 345kV Voltage	Pre-Fault	304.2	NA	346	3437
3453 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	35.9	327.8	333.4	1458
3461 >E	Pannell Road 345kV Voltage	Ravenswood 3	51.0	327.8	329.0	3535

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3462 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	51.8	327.8	328.9	2701
3463 >E	Pannell Road 345kV Voltage	SBK Edic R945	51.9	327.8	328.9	2702
3466 >E	Somerset 345kV Voltage	Marcy South N.	41.4	327.8	344.7	3895
3470 >E	Station 80 345kV Voltage	Marcy South S.	52.6	327.8	330.3	3684
3478 >E	Station 80 345kV Voltage	Volney-Marcy	52.7	327.8	330.2	3426
3495 >E	St.Lawrence 230kV Voltage	Ravenswood 3	92.5	218.5	219.1	3568
3500 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	57.6	327.8	341.9	3358
3516 >E	Station 80 345kV Voltage	SBK Marcy R3108	57.7	327.8	329.6	3229
3523 >E	Pannell Road 345kV Voltage	SBK Princetown 345	53.6	327.8	327.8	3523
3523 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	53.6	327.8	327.8	3523
3523 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	53.6	327.8	327.8	3523
3529 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	54.1	327.8	327.7	3492
3530 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	45.6	327.8	333.0	3493
3530 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	45.6	327.8	333.0	3493
3542 >E	Station 80 345kV Voltage	Ravenswood 3	56.0	327.8	329.1	3615
3548 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	94.7	218.5	218.5	3548
3548 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	94.7	218.5	218.5	3548
3548 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	94.7	218.5	218.5	3548
3551 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	94.8	218.5	218.5	3514
3566 >E	Pannell Road 345kV Voltage	SBK Edic R70	54.5	327.8	327.0	3602
3568 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	57.5	327.8	328.7	2775
3568 >E	Station 80 345kV Voltage	SBK Edic R945	57.5	327.8	328.7	2775
3582 >E	St.Lawrence 230kV Voltage	SBK Edic R70	99.1	218.5	218.1	3619
3614 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	36.2	327.8	327.8	1459
3620 >E	Station 80 345kV Voltage	SBK Princetown 345	58.9	327.8	327.8	3620
3620 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	58.9	327.8	327.8	3620
3620 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	58.9	327.8	327.8	3620
3630 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	59.6	327.8	327.6	3592
3633 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	100.0	218.5	217.6	2821
3633 >E	St.Lawrence 230kV Voltage	SBK Edic R945	100.0	218.5	217.6	2821
3639 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	43.9	327.8	327.0	1459
3654 >E	Ramapo 345kV Voltage	Ph2 DC 1500	53.0	327.8	345.3	3435
3656 >E	Station 80 345kV Voltage	SBK Edic R70	59.7	327.8	327.2	3694
3704 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	54.3	327.8	329.3	3665
3707 >E	Somerset 345kV Voltage	Ph2 DC 1500	50.0	327.8	341.3	3461
3707 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	52.5	327.8	329.7	3777
3707 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	52.5	327.8	329.7	3777
3717 >E	Leeds 345kV Voltage	Ph2 DC 1500	41.0	327.8	346.4	3466

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3732 >E	Gilboa 345kV Voltage	Ravenswood 3	55.5	327.8	328.9	3802
3755 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	51.2	327.8	328.8	3703
3755 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	51.2	327.8	328.8	3703
3764 >E	Ladentown 345kV Voltage	Ph2 DC 1500	54.4	327.8	346.7	3490
3770 >E	Gilboa 345kV Voltage	Volney-Marcy	55.7	327.8	328.2	3718
3782 >E	Gilboa 345kV Voltage	SBK Marcy R3108	56.3	327.8	328.0	3463
3791 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	63.4	327.8	345.2	3504
3792 >E	Gilboa 345kV Voltage	SBK Princetown 345	56.8	327.8	327.8	3792
3792 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	56.8	327.8	327.8	3792
3792 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	56.8	327.8	327.8	3792
3798 >E	Gilboa 345kV Voltage	SBK Edic R70	57.0	327.8	327.7	3836
3810 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	54.3	327.8	327.8	3810
3810 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	54.3	327.8	327.8	3810
3810 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	54.3	327.8	327.8	3810
3810 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	54.3	327.8	327.8	3810
3810 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	54.3	327.8	327.8	3810
3810 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	54.3	327.8	327.8	3810
3810 >E	Leeds 345kV Voltage	Marcy South N.	45.3	327.8	341.1	4107
3812 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	55.0	327.8	327.8	3851
3812 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	55.0	327.8	327.8	3851
3824 >E	Coopers Corners 345kV Voltage	Marcy South N.	45.0	327.8	299.0	4116
3847 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	54.2	327.8	348.1	3532
3862 >E	Millwood 345kV Voltage	Ph2 DC 1500	71.5	327.8	344.8	3539
3870 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	54.1	327.8	348.5	3543
3885 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	61.0	327.8	347.1	3551
3894 >E	Watercure 230kV Voltage	Pre-Fault	70.8	NA	215	3894
3902 >E	Leeds 345kV Voltage	Pre-Fault	133.2	NA	345	3902
3960 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	88.6	327.8	343.1	3588
3981 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	58.0	327.8	324.6	3637
3981 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	58.0	327.8	324.6	3637
3993 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	91.0	327.8	343.2	3605
4004 >E	Ladentown 345kV Voltage	Pre-Fault	334.6	NA	346	4004
4020 >E	Leeds 345kV Voltage	Marcy South S.	60.8	327.8	344.1	4045
4046 >E	Somerset 345kV Voltage	Pre-Fault	103.1	NA	338	4046
4048 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	57.3	207	212.8	3114
4048 >E	Watercure 230kV Voltage	SBK Edic R945	57.3	207	212.8	3114
4120 >E	Roseton 345kV Voltage	Ph2 DC 1500	65.2	327.8	347.8	3669
4155 >E	Watercure 230kV Voltage	SBK Marcy R3108	62.9	207	211.3	3789

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4189 >E	Watercure 230kV Voltage	Volney-Marcy	62.3	207	210.8	4139
4283 >E	Watercure 230kV Voltage	Ravenswood 3	65.9	207	209.5	4343
4358 >E	Pleasant Valley 345kV Voltage	Marcy South N.	80.4	327.8	335.3	4444
4435 >E	Watercure 230kV Voltage	Marcy South S.	68.7	207	207.4	4317
4460 >E	Watercure 230kV Voltage	SBK Princetown 345	70.8	207	207.0	4460
4460 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	70.8	207	207.0	4460
4460 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	70.8	207	207.0	4460
4483 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	71.8	207	206.7	4435
4497 >E	Watercure 230kV Voltage	SBK Edic R70	71.7	207	206.5	4542
4514 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	108.3	327.8	337.3	3442
4514 >E	Rock Tavern 345kV Voltage	SBK Edic R945	108.3	327.8	337.3	3442
4669 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	71.4	327.8	340.3	1466
4753 >E	Gardenville 230kV Voltage	Marcy South N.	89.7	207	226.0	4687
4808 >E	Niagara 230kV East Voltage	Marcy South N.	157.0	218.5	229.7	4721
4808 >E	Niagara 230kV West Voltage	Marcy South N.	157.0	218.5	229.7	4721
4843 >E	Niagara 345kV Voltage	Marcy South N.	80.4	327.8	348.3	4743
4849 >E	Somerset 345kV Voltage	Volney-Marcy	93.8	327.8	330.2	4801
4864 >E	Somerset 345kV Voltage	Marcy South S.	95.3	327.8	330.1	4599
4880 >E	Somerset 345kV Voltage	Ravenswood 3	96.2	327.8	329.9	4929
4903 >E	Bowline 1 345kV Voltage	Pre-Fault	338.4	NA	345	4903
5028 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	101.4	327.8	328.5	3805
5028 >E	Somerset 345kV Voltage	SBK Edic R945	101.4	327.8	328.5	3805
5033 >E	Bowline 2 345kV Voltage	Pre-Fault	334.6	NA	345	5033
5051 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	167.0	218.5	225.2	1468
5051 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	167.0	218.5	225.2	1468
5062 >E	Niagara 345kV Voltage	Ph2 DC 1500	88.3	327.8	344.7	4141
5083 >E	Somerset 345kV Voltage	SBK Marcy R3108	104.6	327.8	328.0	4602
5098 >E	Somerset 345kV Voltage	SBK Princetown 345	103.1	327.8	327.8	5098
5098 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	103.1	327.8	327.8	5098
5098 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	103.1	327.8	327.8	5098
5114 >E	Niagara 230kV East Voltage	Ph2 DC 1500	173.6	218.5	228.2	4168
5114 >E	Niagara 230kV West Voltage	Ph2 DC 1500	173.6	218.5	228.2	4168
5129 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	99.6	207	222.7	1469
5131 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	104.6	327.8	327.5	5075
5137 >E	Somerset 345kV Voltage	SBK Edic R70	104.2	327.8	327.4	5187
5161 >E	Rock Tavern 345kV Voltage	Ravenswood 3	161.9	327.8	334.0	5206
5284 >E	Rock Tavern 345kV Voltage	Marcy South N.	100.8	327.8	313.3	5014
5289 >E	Buchanan North 345kV Voltage	Marcy South N.	135.6	327.8	323.8	5017
5330 >E	Buchanan North 345kV Voltage	Ravenswood 3	244.8	327.8	336.6	5372

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5352 >E	Roseton 345kV Voltage	Pre-Fault	436.4	NA	345	5352
5398 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	176.1	327.8	336.5	4065
5414 >E	Buchanan North 345kV Voltage	SBK Edic R945	177.1	327.8	336.4	4077
5426 >E	Roseton 345kV Voltage	Marcy South N.	107.9	327.8	328.7	5101
5428 >E	Millwood 345kV Voltage	Marcy South N.	141.1	327.8	326.5	5102
5589 >E	Sprain Brook 345kV Voltage	Marcy South N.	170.9	327.8	326.0	5201
5602 >E	Dunwoodie 345kV Voltage	Marcy South N.	172.7	327.8	326.1	5209
5679 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	153.6	327.8	338.6	4264
5679 >E	Ramapo 345kV Voltage	SBK Edic R945	153.6	327.8	338.6	4264
5699 >E	Buchanan South 345kV Voltage	Marcy South N.	141.2	327.8	324.4	5269
5983 >E	Ramapo 345kV Voltage	Marcy South N.	136.8	327.8	320.5	5444
6023 >E	Ramapo 345kV Voltage	Ravenswood 3	206.3	327.8	337.5	6053
6170 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	165.5	327.8	339.5	4610
6170 >E	Ladentown 345kV Voltage	SBK Edic R945	165.5	327.8	339.5	4610
6178 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	132.7	327.8	327.9	6110
6178 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	132.7	327.8	327.9	4616
6178 >E	Leeds 345kV Voltage	SBK Edic R945	132.7	327.8	327.9	4616
6178 >E	Leeds 345kV Voltage	SBK Marcy R3108	132.7	327.8	327.9	5562
6178 >E	Leeds 345kV Voltage	SBK Edic R70	132.7	327.8	327.9	6237
6194 >E	Leeds 345kV Voltage	Volney-Marcy	133.2	327.8	327.8	6150
6194 >E	Leeds 345kV Voltage	SBK Princetown 345	133.2	327.8	327.8	6194
6194 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	133.2	327.8	327.8	6194
6194 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	133.2	327.8	327.8	6194
6194 >E	Leeds 345kV Voltage	Ravenswood 3	133.2	327.8	327.8	6221
6243 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	191.8	327.8	328.6	6174
6259 >E	Rock Tavern 345kV Voltage	Volney-Marcy	188.2	327.8	328.5	6216
6391 >E	Niagara 345kV Voltage	Pre-Fault	199.4	NA	338	6391
6397 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	198.1	327.8	327.8	6397
6397 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	198.1	327.8	327.8	6397
6397 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	198.1	327.8	327.8	6397
6415 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	164.6	327.8	340.5	4783
6415 >E	Bowline 1 345kV Voltage	SBK Edic R945	164.6	327.8	340.5	4783
6444 >E	Rock Tavern 345kV Voltage	SBK Edic R70	202.1	327.8	327.6	6505
6459 >E	Ladentown 345kV Voltage	Marcy South N.	149.5	327.8	318.4	5736
6492 >E	Bowline 2 345kV Voltage	SBK Edic R945	164.6	327.8	340.6	4837
6513 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	165.5	327.8	340.6	4852
6606 >E	Ladentown 345kV Voltage	Ravenswood 3	228.1	327.8	338.2	6626
6608 >E	Niagara 230kV East Voltage	Pre-Fault	466.9	NA	225	6608
6608 >E	Niagara 230kV West Voltage	Pre-Fault	466.9	NA	225	6608

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6648 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	199.4	327.8	326.5	5975
6671 >E	Gardenville 230kV Voltage	Ph2 DC 1500	150.9	207	225.5	4949
7006 >E	Bowline 1 345kV Voltage	Ravenswood 3	229.9	327.8	338.8	7019
7053 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	168.8	327.8	332.2	1481
7077 >E	Bowline 2 345kV Voltage	Ravenswood 3	228.1	327.8	338.9	7089
7111 >E	Bowline 1 345kV Voltage	Marcy South N.	164.5	327.8	314.3	6138
7127 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	175.0	327.8	332.1	1482
7161 >E	Bowline 2 345kV Voltage	Marcy South N.	163.9	327.8	314.3	6168
7225 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	246.8	327.8	340.0	5354
7225 >E	Buchanan South 345kV Voltage	SBK Edic R945	246.8	327.8	340.0	5354
7576 >E	Pleasant Valley 345kV Voltage	Marcy South S.	268.9	327.8	341.3	6380
7855 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	228.1	327.8	339.3	5798
7855 >E	Roseton 345kV Voltage	SBK Edic R945	228.1	327.8	339.3	5798
7855 >E	Niagara 345kV Voltage	Volney-Marcy	180.3	327.8	330.7	7817
7861 >E	Niagara 345kV Voltage	Ravenswood 3	182.5	327.8	330.6	7859
8029 >E	Niagara 345kV Voltage	Marcy South S.	187.0	327.8	329.8	6677
8065 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	330.9	327.8	328.8	7975
8078 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	317.0	327.8	328.8	7227
8104 >E	Buchanan North 345kV Voltage	Volney-Marcy	327.3	327.8	328.7	8066
8132 >E	Buchanan South 345kV Voltage	Ravenswood 3	406.9	327.8	338.6	8125
8250 >E	Niagara 345kV Voltage	SBK Edic R945	194.3	327.8	328.7	6076
8286 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	195.5	327.8	328.5	6102
8419 >E	Ramapo 345kV Voltage	SBK Marcy R3108	268.9	327.8	329.6	7527
8425 >E	Niagara 345kV Voltage	SBK Princetown 345	199.4	327.8	327.8	8425
8425 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	199.4	327.8	327.8	8425
8425 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	199.4	327.8	327.8	8425
8428 >E	Buchanan North 345kV Voltage	SBK Princetown 345	350.2	327.8	327.8	8428
8428 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	350.2	327.8	327.8	8428
8428 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	350.2	327.8	327.8	8428
8430 >E	Niagara 345kV Voltage	SBK Edic R70	199.4	327.8	327.8	8509
8463 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	200.8	327.8	327.6	8368
8546 >E	Ramapo 345kV Voltage	Volney-Marcy	281.4	327.8	329.2	8510
8566 >E	Niagara 345kV Voltage	SBK Marcy R3108	204.9	327.8	327.1	7655
8572 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	286.8	327.8	329.1	8475
8611 >E	Buchanan North 345kV Voltage	SBK Edic R70	362.8	327.8	327.3	8691
8619 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	235.2	327.8	332.2	1491
8941 >E	Niagara 230kV East Voltage	Volney-Marcy	421.2	218.5	220.0	8906
8941 >E	Niagara 230kV West Voltage	Volney-Marcy	421.2	218.5	220.0	8906
8973 >E	Ramapo 345kV Voltage	SBK Princetown 345	304.2	327.8	327.8	8973

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
8973 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	304.2	327.8	327.8	8973
8973 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	304.2	327.8	327.8	8973
8975 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	301.1	327.8	339.1	6587
8975 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	301.1	327.8	339.1	6587
8980 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	367.2	327.8	342.1	6591
8980 >E	Millwood 345kV Voltage	SBK Edic R945	367.2	327.8	342.1	6591
9012 >E	Niagara 230kV East Voltage	Ravenswood 3	430.2	218.5	219.9	8990
9012 >E	Niagara 230kV West Voltage	Ravenswood 3	430.2	218.5	219.9	8990
9079 >E	Ramapo 345kV Voltage	SBK Edic R70	310.4	327.8	327.5	9163
9142 >E	Rainey 345kV Voltage	Ph2 DC 1500	250.9	327.8	354.3	6189
9177 >E	Farragut 345kV Voltage	Ph2 DC 1500	257.4	327.8	353.8	6206
9178 >E	Niagara 230kV East Voltage	Marcy South S.	439.6	218.5	219.5	7432
9178 >E	Niagara 230kV West Voltage	Marcy South S.	439.6	218.5	219.5	7432
9392 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	452.8	218.5	219.0	6882
9392 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	452.8	218.5	219.0	6882
9392 >E	Niagara 230kV East Voltage	SBK Edic R945	452.8	218.5	219.0	6882
9392 >E	Niagara 230kV West Voltage	SBK Edic R945	452.8	218.5	219.0	6882
9482 >E	Ladentown 345kV Voltage	SBK Marcy R3108	298.2	327.8	329.6	8458
9583 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	313.7	327.8	329.3	9475
9609 >E	Ladentown 345kV Voltage	Volney-Marcy	310.4	327.8	329.2	9577
9643 >E	Niagara 230kV East Voltage	SBK Princetown 345	466.9	218.5	218.5	9643
9643 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	466.9	218.5	218.5	9643
9643 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	466.9	218.5	218.5	9643
9643 >E	Niagara 230kV West Voltage	SBK Princetown 345	466.9	218.5	218.5	9643
9643 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	466.9	218.5	218.5	9643
9643 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	466.9	218.5	218.5	9643
9700 >E	Niagara 230kV East Voltage	SBK Edic R70	470.5	218.5	218.4	9790
9700 >E	Niagara 230kV West Voltage	SBK Edic R70	470.5	218.5	218.4	9790
9751 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	474.2	218.5	218.3	9640
9751 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	474.2	218.5	218.3	9640
9892 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	295.2	327.8	330.3	8817
9908 >E	Niagara 230kV East Voltage	SBK Marcy R3108	485.7	218.5	217.9	8832
9908 >E	Niagara 230kV West Voltage	SBK Marcy R3108	485.7	218.5	217.9	8832
10040 >E	Roseton 345kV Voltage	Ravenswood 3	358.5	327.8	334.3	10000
10089 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	313.7	327.8	329.7	9974
10094	Ladentown 345kV Voltage	SBK Princetown 345	334.6	327.8	327.8	10094

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
10094	Ladentown 345kV Voltage	Princetown-N.Scot 345	334.6	327.8	327.8	10094
>E						
10094	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	334.6	327.8	327.8	10094
>E						
10102	Bowline 2 345kV Voltage	SBK Marcy R3108	298.2	327.8	329.9	9001
>E						
10110	Bowline 1 345kV Voltage	Volney-Marcy	310.4	327.8	329.6	10079
>E						
10234	Bowline 2 345kV Voltage	N.Scot-Leeds 345	313.7	327.8	329.5	10118
>E						
10254	Bowline 2 345kV Voltage	Volney-Marcy	310.4	327.8	329.4	10223
>E						
10324	Ladentown 345kV Voltage	SBK Edic R70	346.1	327.8	327.1	10419
>E						
10529	Gardenville 230kV Voltage	Pre-Fault	456.3	NA	217	10529
>E						
10722	Bowline 1 345kV Voltage	SBK Princetown 345	338.4	327.8	327.8	10722
>E						
10722	Bowline 1 345kV Voltage	Princetown-N.Scot 345	338.4	327.8	327.8	10722
>E						
10722	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	338.4	327.8	327.8	10722
>E						
10788	Bowline 2 345kV Voltage	SBK Princetown 345	334.6	327.8	327.8	10788
>E						
10788	Bowline 2 345kV Voltage	Princetown-N.Scot 345	334.6	327.8	327.8	10788
>E						
10788	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	334.6	327.8	327.8	10788
>E						
10882	Bowline 1 345kV Voltage	SBK Edic R70	346.1	327.8	327.3	10981
>E						
10898	Goethals 345kV Voltage	Ph2 DC 1500	327.3	327.8	354.3	7070
>E						
10960	Sprain Brook 345kV Voltage	SBK Edic R945	557.7	327.8	343.6	7988
>E						
10995	Buchanan North 345kV Voltage	Marcy South S.	418.2	327.8	320.5	8625
>E						
11042	Bowline 2 345kV Voltage	SBK Edic R70	346.1	327.8	327.0	11143
>E						
11117	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	568.2	327.8	343.6	8098
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
11584 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	602.3	327.8	344.4	8427
11584 >E	Dunwoodie 345kV Voltage	SBK Edic R945	602.3	327.8	344.4	8427
11755 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	391.1	327.8	330.3	11621
12192 >E	Ramapo 345kV Voltage	Marcy South S.	376.4	327.8	317.2	9411
12647 >E	Roseton 345kV Voltage	Volney-Marcy	424.1	327.8	328.3	12624
12692 >E	Millwood 345kV Voltage	Ravenswood 3	860.4	327.8	340.1	12607
12858 >E	Roseton 345kV Voltage	SBK Princetown 345	436.4	327.8	327.8	12858
12858 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	436.4	327.8	327.8	12858
12858 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	436.4	327.8	327.8	12858
12918 >E	Gardenville 230kV Voltage	Volney-Marcy	378.8	207	211.8	12896
12936 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	568.2	327.8	332.9	12847
12954 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	383.6	207	211.7	9393
12973 >E	Gardenville 230kV Voltage	Marcy South S.	388.6	207	211.6	9924
12977 >E	Roseton 345kV Voltage	SBK Edic R70	442.8	327.8	327.5	13095
13020 >E	Gardenville 230kV Voltage	SBK Edic R945	386.1	207	211.5	9439
13296 >E	Roseton 345kV Voltage	SBK Marcy R3108	442.8	327.8	326.8	11801
13322 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	510.4	327.8	332.3	13170
13451 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	568.2	327.8	330.5	13298
13544 >E	Gardenville 230kV Voltage	Ravenswood 3	401.5	207	210.4	13444
13916 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	568.2	327.8	329.7	12344
14329	Gardenville 230kV Voltage	SBK Marcy R3108	433.3	207	208.7	12707

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\371_OS\Sum2023_CEVC_PH2_50_371_OS.xlsx

1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
14540	Buchanan South 345kV Voltage	Volney-Marcy	614.6	327.8	328.8	14524
>E						
15091	Gardenville 230kV Voltage	SBK Princetown 345	456.3	207	207.0	15091
>E						
15091	Gardenville 230kV Voltage	Princetown-N.Scot 345	456.3	207	207.0	15091
>E						
15091	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	456.3	207	207.0	15091
>E						
15093	Ladentown 345kV Voltage	Marcy South S.	478.0	327.8	312.9	11315
>E						
15108	Gardenville 230kV Voltage	SBK Edic R70	456.3	207	207.0	15244
>E						
15191	Buchanan South 345kV Voltage	SBK Princetown 345	654.6	327.8	327.8	15191
>E						
15191	Buchanan South 345kV Voltage	Princetown-N.Scot 345	654.6	327.8	327.8	15191
>E						
15191	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	654.6	327.8	327.8	15191
>E						
15273	Gardenville 230kV Voltage	N.Scot-Leeds 345	463.3	207	206.6	15098
>E						
15712	Buchanan South 345kV Voltage	SBK Edic R70	684.4	327.8	327.0	15854
>E						
15859	Roseton 345kV Voltage	Marcy South S.	537.7	327.8	320.9	11818
>E						
16222	Pleasant Valley 345kV Voltage	SBK Princetown 345	640.7	327.8	327.8	16222
>E						
16222	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	640.7	327.8	327.8	16222
>E						
16222	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	640.7	327.8	327.8	16222
>E						
16355	Pleasant Valley 345kV Voltage	Volney-Marcy	640.7	327.8	327.6	16344
>E						
16534	Rainey 345kV Voltage	Marcy South N.	519.9	327.8	327.1	11933
>E						
16658	Farragut 345kV Voltage	Marcy South N.	535.1	327.8	327.2	12009
>E						
16781	Pleasant Valley 345kV Voltage	SBK Edic R70	669.2	327.8	326.9	16931
>E						
17007	Bowline 1 345kV Voltage	Marcy South S.	519.2	327.8	309.2	12572
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\371_OS\Sum2023_CEVC_PH2_50_371_OS.xlsx

1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
17219 >E	Bowline 2 345kV Voltage	Marcy South S.	519.2	327.8	308.6	12711
17958 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	700.3	327.8	325.1	15887
18905 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1282.8	131.1	132.3	1558
21344 >E	Buchanan South 345kV Voltage	Marcy South S.	885.7	327.8	318.4	15420
21407 >E	Goethals 345kV Voltage	Marcy South N.	726.3	327.8	327.8	14930
23733 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	1204.5	327.8	334.2	23459
24469 >E	Sprain Brook 345kV Voltage	Ravenswood 3	2509.4	327.8	344.5	24181
25025 >E	Northport 138kV Voltage	Ph2 DC 1500	1771.4	131.1	146.0	14160
28934 >E	Millwood 345kV Voltage	SBK Marcy R3108	1434.0	327.8	331.5	25508
32519 >E	Millwood 345kV Voltage	Volney-Marcy	1673.0	327.8	329.6	32560
35016 >E	Dunwoodie 345kV Voltage	Ravenswood 3	3764.1	327.8	348.3	34546
35866 >E	Millwood 345kV Voltage	SBK Princetown 345	1882.1	327.8	327.8	35866
35866 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	1882.1	327.8	327.8	35866
35866 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	1882.1	327.8	327.8	35866
39686 >E	Rock Tavern 345kV Voltage	Marcy South S.	1309.3	327.8	159.8	27464
40459 >E	Millwood 345kV Voltage	SBK Edic R70	2150.9	327.8	325.4	40815
45247 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	1673.0	327.8	356.2	32162
45247 >E	Farragut 345kV Voltage	SBK Edic R945	1673.0	327.8	356.2	32162
45809 >E	Millwood 345kV Voltage	Marcy South S.	2316.4	327.8	322.5	31484
46090 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	1673.0	327.8	356.8	32756
46090	Rainey 345kV Voltage	SBK Edic R945	1673.0	327.8	356.8	32756

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
58425	Coopers Corners 345kV Voltage	Marcy South S.	1505.7	327.8	-774.5	39768
>E						
61245	Goethals 345kV Voltage	Edic-Gordon Rd. 345	2316.4	327.8	360.9	43442
>E						
61245	Goethals 345kV Voltage	SBK Edic R945	2316.4	327.8	360.9	43442
>E						
66625	Goethals 345kV Voltage	Ravenswood 3	3011.3	327.8	361.7	65611
>E						
78471	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	5018.9	327.8	348.1	77552
>E						
83496	Northport 138kV Voltage	Marcy South N.	6343.1	131.1	128.3	53116
>E						
99998	Dunwoodie 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Farragut 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998	Goethals 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Goethals 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
>E						
99998	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
>E						
99998	Rainey 345kV Voltage	Pre-Fault	NA	NA	338	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Rainey 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Sprain Brook 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99998	Sprain Brook 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Sprain Brook 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Sprain Brook 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99999	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99999
>E						
99999	Farragut 345kV Voltage	Marcy South S.	NA	327.8	NA	99999
>E						
99999	Farragut 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99999
>E						
99999	Farragut 345kV Voltage	Ravenswood 3	NA	327.8	NA	99999
>E						
99999	Goethals 345kV Voltage	Marcy South S.	NA	327.8	NA	99999
>E						
99999	Rainey 345kV Voltage	Marcy South S.	NA	327.8	NA	99999
>E						
99999	Rainey 345kV Voltage	Ravenswood 3	NA	327.8	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

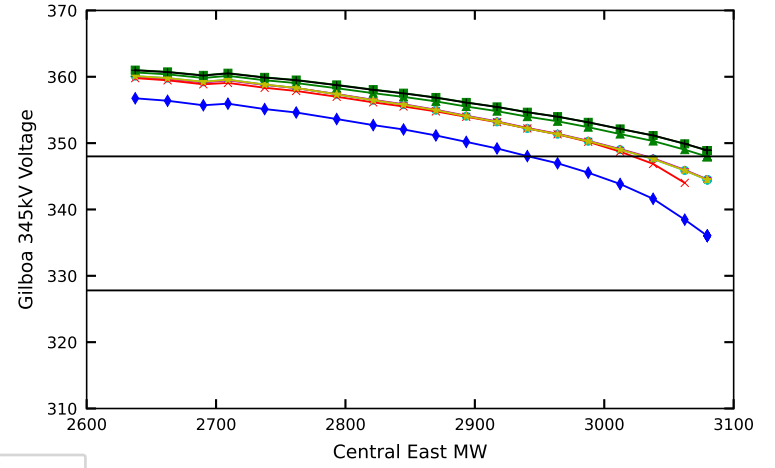
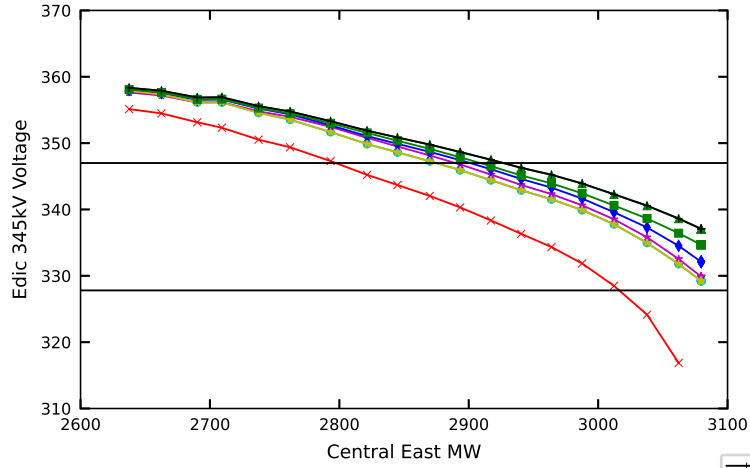
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1: 2023S CEVC PH2 CE2180 MS2270 DE1300 50 371_OS

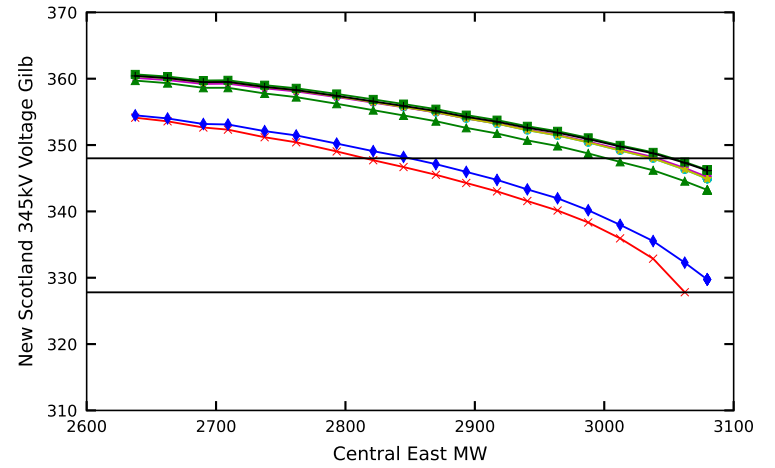
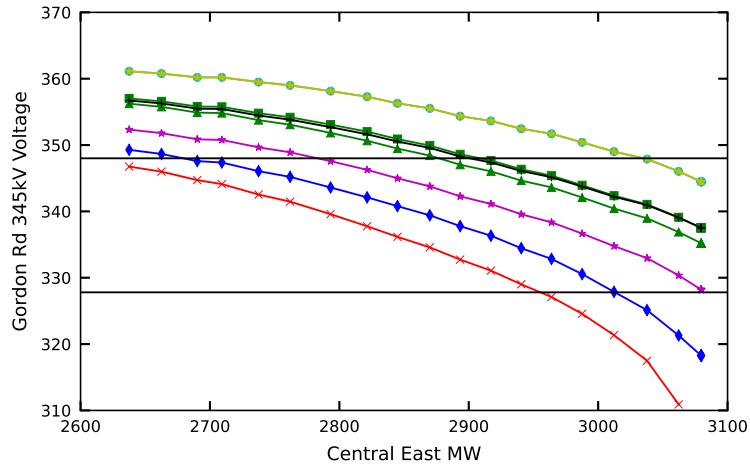
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
99999	Sprain Brook 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

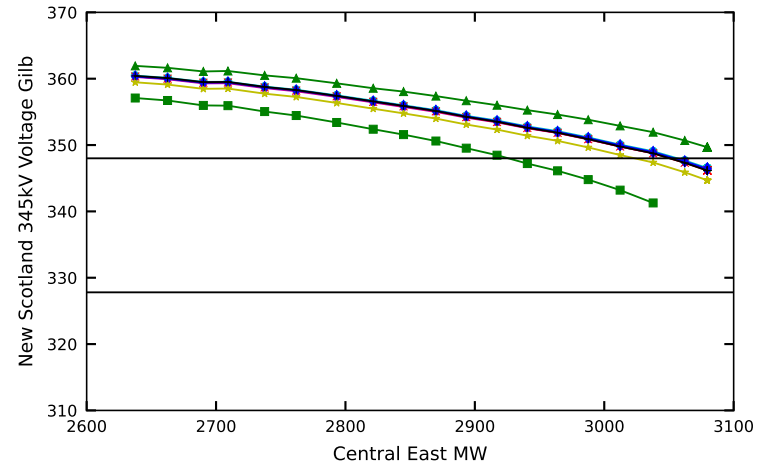
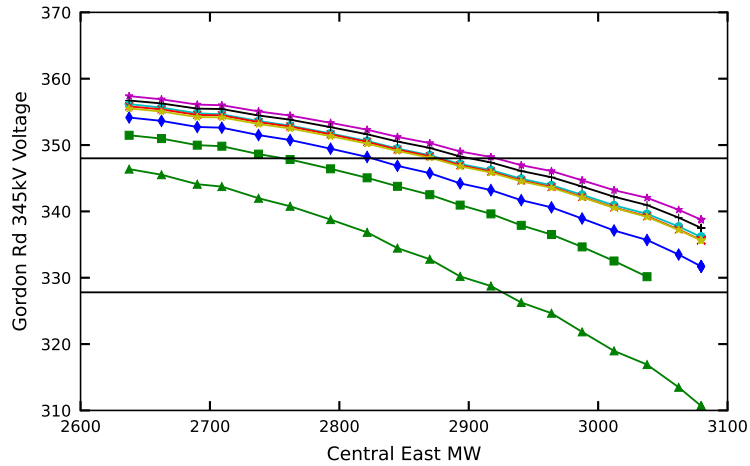
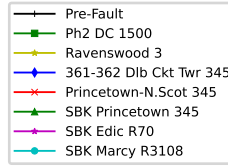
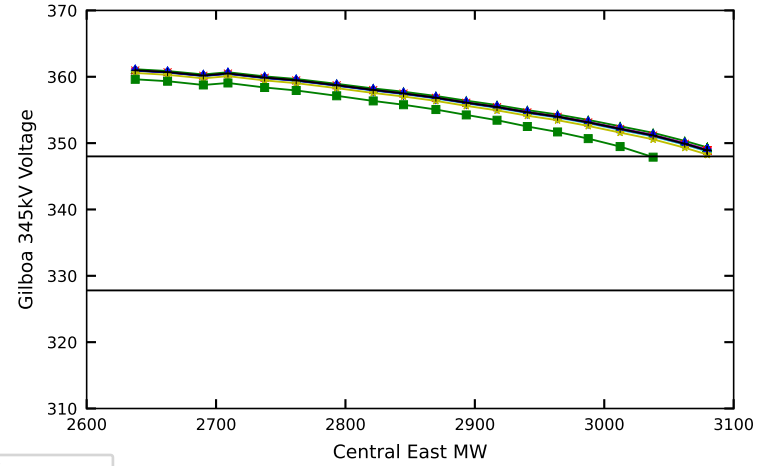
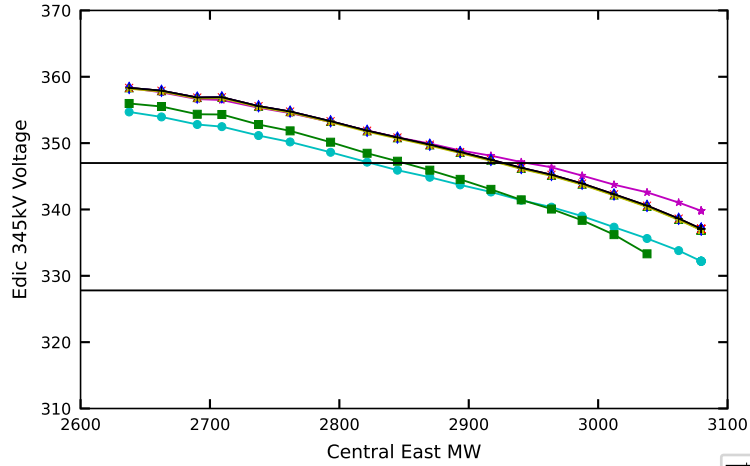
1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI Figure 1



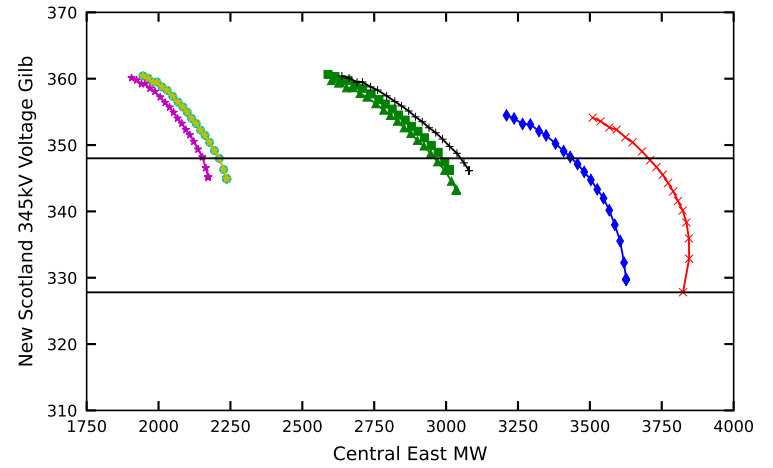
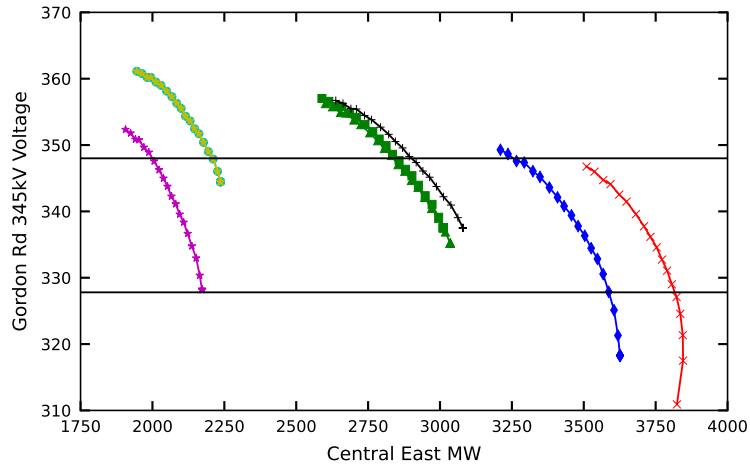
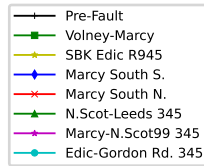
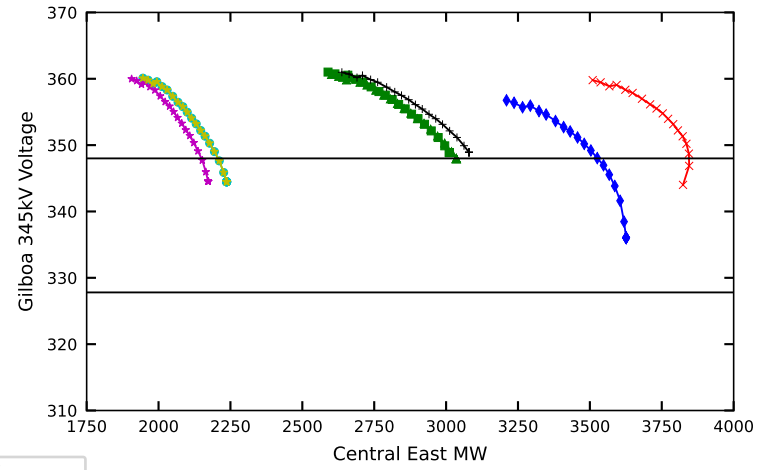
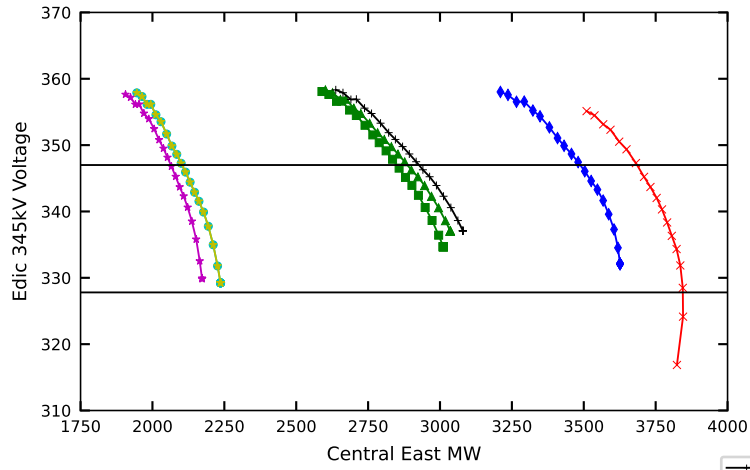
- +— Pre-Fault
- Volney-Marcy
- ▲— SBK Edic R945
- ◆— Marcy South S.
- ×— Marcy South N.
- ▲— N.Scot-Leeds 345
- ×— Marcy-N.Scot99 345
- ◆— Edic-Gordon Rd. 345



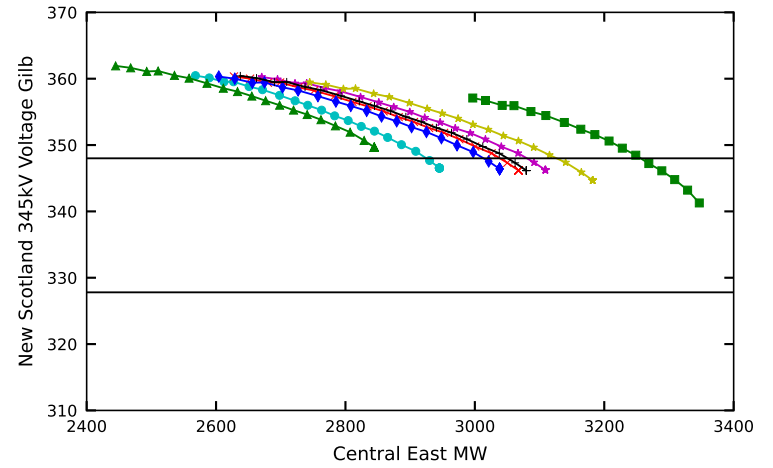
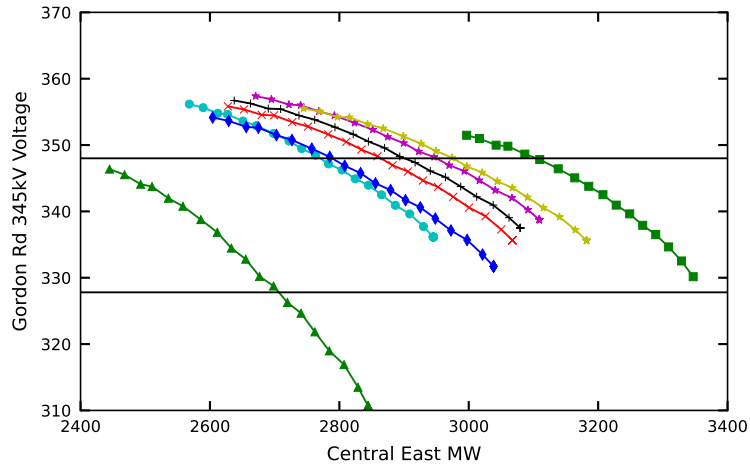
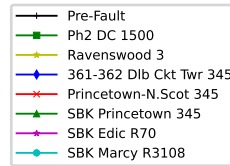
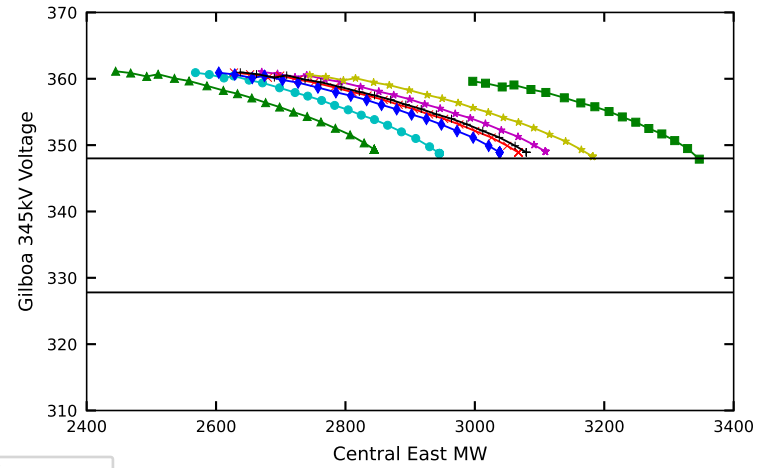
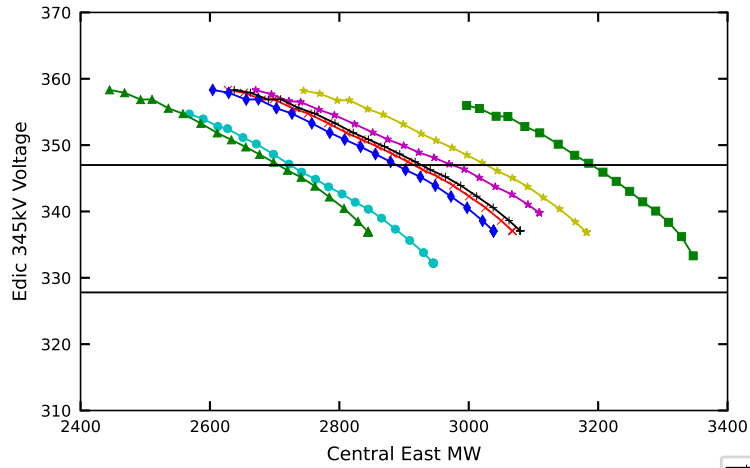
1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI Figure 2



1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI Figure 1



1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Interface: Central East

Transfer		base	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2637	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2662	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2690	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2709	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2737	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2761	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2793	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2821	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2844	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2869	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2893	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2917	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2940	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2963	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2987	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
3012	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
3037	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7															
3062	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	8															
3079	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	9															
3079	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	0															
3079	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	1															
3079	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	2															
3079	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	3															
3079	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	4															
3079	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 5O ALI

Interface: Central East

Twr 345																							
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																							
wood 3																							
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
Ph2 DC																							
1500																							

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2614 >E	Dunwoodie 345kV Voltage	Pre-Fault	98.6	NA	348	2614
2625 >E	Sprain Brook 345kV Voltage	Pre-Fault	98.3	NA	348	2625
2885	limit with 5% margin	Marcy South N.	NA	NA	NA	3652
2885	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3179
2900	Gordon Rd 345kV Voltage	Pre-Fault	26.3	NA	348	2900
2906	Marcy 345kV Voltage	Pre-Fault	20.0	NA	348	2906
2907	Millwood 345kV Voltage	Pre-Fault	108.9	NA	348	2907
2925	limit with 5% margin	Marcy South S.	NA	NA	NA	3444
2925	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2125
2925	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2797
2925	limit with 5% margin	Princeton-N.Scot 345	NA	NA	NA	2914
2925	limit with 5% margin	SBK Edic R945	NA	NA	NA	2125
2925	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2063
2925	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2883
2925	limit with 5% margin	Volney-Marcy	NA	NA	NA	2861
2925	limit with 5% margin	SBK Edic R70	NA	NA	NA	2953
2925	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2702
2925	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2886
2925	limit with 5% margin	Ravenswood 3	NA	NA	NA	3022
2926	Gordon Rd 345kV Voltage	SBK Princetown 345	9.5	327.8	346.9	2706
2926	Edic 345kV Voltage	Pre-Fault	19.3	NA	347	2926
2955	Gordon Rd 345kV Voltage	Marcy South N.	12.2	327.8	345.5	3816
2997	Buchanan North 345kV Voltage	Pre-Fault	67.1	NA	346	2997
3012	Gordon Rd 345kV Voltage	Marcy South S.	9.2	327.8	342.2	3587
3016	Edic 345kV Voltage	Marcy South N.	5.9	327.8	342.0	3844
3017	Marcy 345kV Voltage	Marcy South N.	5.8	327.8	341.9	3844
3044 >E	Oakdale 345kV Voltage	Marcy South N.	6.4	320	344.6	3845
3050	New Scotland 345kV Voltage Alps	Pre-Fault	17.1	NA	348	3050
3050	New Scotland 345kV Voltage Gilb	Pre-Fault	17.1	NA	348	3050
3063 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	10.8	327.8	339.7	3364
3080 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.3	327.8	347.0	3846
3080 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.3	327.8	347.0	3846
3080 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	340.0	2237
3080 >E	Coopers Corners 345kV Voltage	SBK Edic R945	6.3	327.8	340.0	2237
3081 >E	Rock Tavern 345kV Voltage	Pre-Fault	27.8	NA	348	3081
3081 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	2.5	327.8	336.0	2238
3082 >E	Marcy 345kV Voltage	SBK Edic R945	4.7	327.8	336.6	2238
3083 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	2.5	327.8	335.1	2239
3083 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	9.3	327.8	337.3	2173
3083 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.9	327.8	339.9	2173

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3085 >E	Edic 345kV Voltage	SBK Edic R945	4.2	327.8	336.3	2239
3086 >E	Edic 345kV Voltage	Ph2 DC 1500	8.8	327.8	337.3	3381
3086 >E	Marcy 345kV Voltage	Ph2 DC 1500	8.8	327.8	337.1	3381
3090 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	2.7	327.8	335.9	2246
3092 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	335.9	2177
3092 >E	New Scotland 345kV Voltage Alps	Marcy South S.	6.9	327.8	345.3	3631
3092 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	6.9	327.8	345.3	3631
3093 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	1.7	327.8	336.8	3364
3094 >E	Edic 345kV Voltage	SBK Marcy R3108	3.4	327.8	336.0	2994
3096 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.6	327.8	335.4	2178
3099 >E	Fraser 345kV Voltage	SBK Edic R945	4.7	327.8	338.8	2246
3104 >E	Gilboa 345kV Voltage	Pre-Fault	27.8	NA	348	3104
3109 >E	Pleasant Valley 345kV Voltage	Pre-Fault	55.6	NA	348	3109
3109 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.0	320	329.6	2262
3110 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	6.9	327.8	338.7	2184
3110 >E	Edic 345kV Voltage	Marcy South S.	7.2	327.8	334.3	3638
3112 >E	Marcy 345kV Voltage	Marcy South S.	7.2	327.8	334.0	3639
3119 >E	Coopers Corners 345kV Voltage	Pre-Fault	18.5	NA	338	3119
3119 >E	Fraser 345kV Voltage	Pre-Fault	13.9	NA	338	3119
3129 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	2.4	320	338.0	4155
3133 >E	Oakdale 345kV Voltage	SBK Edic R945	5.4	320	335.0	2263
3133 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	13.9	327.8	334.6	3092
3135 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	6.9	500	508.1	4295
3136 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	6.9	327.8	334.4	3131
3136 >E	Station 80 345kV Voltage	Pre-Fault	27.8	NA	346	3136
3138 >E	Gilboa 345kV Voltage	Marcy South S.	7.2	327.8	345.5	3650
3138 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	331.2	2286
3139 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	3.3	327.8	344.0	4375
3139 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	3.3	327.8	344.0	4375
3143 >E	Edic 345kV Voltage	Volney-Marcy	9.3	327.8	331.4	3065
3144 >E	Clay 345kV Voltage	Marcy South N.	9.3	327.8	349.0	3849
3147 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	335.2	4550
3150 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	6.9	320	335.7	2198
3151 >E	Oakdale 345kV Voltage	SBK Marcy R3108	4.2	320	336.8	3178
3153 >E	Edic 345kV Voltage	Princetown-N.Scot 345	7.9	327.8	330.5	4671
3157 >E	Marcy 345kV Voltage	Volney-Marcy	11.1	327.8	330.0	3076
3158 >E	Pannell Road 345kV Voltage	Pre-Fault	27.8	NA	346	3158
3159 >E	Clay 345kV Voltage	Pre-Fault	13.9	NA	345	3159
3159 >E	Oakdale 345kV Voltage	Pre-Fault	13.9	NA	335	3159
3160 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	4.6	327.8	330.2	2304

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3161 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	4.6	327.8	327.9	2304
3167 >E	Ramapo 500kV Voltage	SBK Marcy R3108	11.0	500	508.1	3230
3170 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	310.8	2312
3170 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	328.9	2312
3173 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	5.5	327.8	322.2	2314
3173 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	5.5	327.8	322.2	2314
3179 >E	Clay 345kV Voltage	SBK Marcy R3108	5.0	327.8	345.3	3270
3179 >E	Marcy 345kV Voltage	SBK Marcy R3108	11.0	327.8	327.8	3271
3181 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	11.1	327.8	327.8	3136
3181 >E	Marcy 345kV Voltage	SBK Edic R70	11.1	327.8	327.8	3216
3181 >E	Marcy 345kV Voltage	SBK Princetown 345	11.1	327.8	327.8	2927
3181 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	11.1	327.8	327.8	3140
3181 >E	Marcy 345kV Voltage	Ravenswood 3	11.1	327.8	327.8	3291
3182 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	11.1	327.8	327.8	3141
3182 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	332.0	3138
3186 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	336.3	2326
3188 >E	Gordon Rd 345kV Voltage	Ravenswood 3	13.9	327.8	331.7	3298
3188 >E	Oakdale 345kV Voltage	Ph2 DC 1500	7.9	320	332.5	3454
3189 >E	Clay 345kV Voltage	SBK Edic R945	6.3	327.8	345.0	2290
3190 >E	Edic 345kV Voltage	SBK Edic R70	9.3	327.8	327.1	3226
3191 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	346.0	5519
3192 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	4.4	207	230.4	5527
3192 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	12.4	327.8	334.2	3456
3193 >E	Fraser 345kV Voltage	Ph2 DC 1500	9.6	327.8	333.2	3457
3196 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	344.6	5614
3200 >E	Fraser 345kV Voltage	Volney-Marcy	9.3	327.8	332.2	3113
3203 >E	Coopers Corners 345kV Voltage	Ravenswood 3	13.9	327.8	333.4	3315
3205 >E	Edic 345kV Voltage	Ravenswood 3	13.9	327.8	325.7	3317
3206 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	13.9	327.8	325.5	5832
3206 >E	Edic 345kV Voltage	SBK Princetown 345	13.9	327.8	325.7	2947
3208 >E	Edic 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	325.5	3163
3209 >E	Fraser 345kV Voltage	Marcy South S.	9.9	327.8	327.8	3679
3212 >E	Ramapo 500kV Voltage	Ph2 DC 1500	65.3	500	508.0	3470
3214 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	6.9	327.8	343.9	3385
3215 >E	Leeds 345kV Voltage	Marcy South S.	8.8	327.8	348.9	3682
3215 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	13.2	327.8	341.6	3472
3215 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	13.2	327.8	341.6	3472
3218 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	27.3	500	498.0	2352
3220 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	7.9	327.8	340.6	2225

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3220 >E	Clay 345kV Voltage	Princetown-N.Scot 345	6.2	327.8	340.5	6149
3221 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	13.7	218.5	219.5	2354
3225 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	6.9	327.8	343.6	6259
3228 >E	Rock Tavern 345kV Voltage	SBK Edic R945	9.5	327.8	340.2	2310
3228 >E	St.Lawrence 230kV Voltage	Marcy South N.	19.3	218.5	225.4	3852
3231 >E	Station 80 345kV Voltage	SBK Marcy R3108	7.8	327.8	342.5	3440
3233 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	328.6	2365
3237 >E	Gordon Rd 345kV Voltage	SBK Edic R945	9.5	327.8	320.8	2314
3237 >E	Gilboa 345kV Voltage	SBK Edic R945	9.5	327.8	336.4	2314
3239 >E	Coopers Corners 345kV Voltage	SBK Edic R70	13.9	327.8	331.5	3278
3241 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	9.5	327.8	333.3	2316
3241 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	9.5	327.8	333.3	2316
3243 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	329.1	2373
3243 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	331.3	3198
3246 >E	Ramapo 345kV Voltage	Pre-Fault	55.6	NA	346	3246
3249 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	7.8	207	210.7	2377
3249 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	336.5	2378
3255 >E	Pannell Road 345kV Voltage	Marcy South N.	15.3	327.8	344.9	3853
3255 >E	Coopers Corners 345kV Voltage	Volney-Marcy	13.9	327.8	330.6	3160
3256 >E	Oakdale 345kV Voltage	Marcy South S.	8.1	320	319.9	3699
3259 >E	Fraser 345kV Voltage	SBK Marcy R3108	13.7	327.8	327.8	3529
3259 >E	Gordon Rd 345kV Voltage	Volney-Marcy	18.5	327.8	327.8	3163
3260 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	13.9	327.8	327.8	7025
3260 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	327.8	2387
3261 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	327.8	3216
3261 >E	Fraser 345kV Voltage	SBK Edic R70	13.9	327.8	327.8	3301
3261 >E	Fraser 345kV Voltage	SBK Princetown 345	13.9	327.8	327.8	2992
3261 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	13.9	327.8	327.8	3220
3261 >E	Fraser 345kV Voltage	Ravenswood 3	13.9	327.8	327.8	3377
3265 >E	Fraser 345kV Voltage	Marcy South N.	13.3	327.8	327.8	3853
3270 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	334.5	2396
3272 >E	Ramapo 500kV Voltage	SBK Edic R945	37.9	500	503.1	2331
3279 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	13.7	327.8	335.6	2403
3279 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	18.5	327.8	329.3	3007
3280 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	13.7	327.8	328.4	2403
3282 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	13.7	327.8	329.7	2405
3282 >E	Gordon Rd 345kV Voltage	SBK Edic R70	18.5	327.8	326.6	3323
3282 >E	Oakdale 345kV Voltage	Volney-Marcy	11.1	320	326.1	3182
3282 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	329.0	2405
3285 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	11.0	327.8	334.9	3615

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3285 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	11.0	327.8	334.9	3615
3285 >E	Bowline 2 345kV Voltage	Pre-Fault	27.8	NA	345	3285
3300 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	337.0	2420
3301 >E	Gilboa 345kV Voltage	Marcy South N.	13.8	327.8	340.9	3854
3302 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	18.5	327.8	328.1	3262
3303 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	21.9	218.5	227.8	3675
3305 >E	Station 80 345kV Voltage	SBK Edic R945	12.6	327.8	342.1	2348
3306 >E	Pannell Road 345kV Voltage	SBK Edic R945	12.6	327.8	342.9	2348
3306 >E	Station 80 345kV Voltage	Marcy South N.	17.8	327.8	343.3	3855
3308 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	11.1	320	324.3	3263
3308 >E	Leeds 345kV Voltage	Marcy South N.	12.1	327.8	349.8	3855
3314 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	9.2	327.8	349.0	8197
3315 >E	Ramapo 345kV Voltage	SBK Edic R945	12.6	327.8	342.8	2353
3318 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	26.9	218.5	222.8	3546
3320 >E	Watercure 230kV Voltage	SBK Marcy R3108	10.0	207	228.0	3729
3320 >E	Ladentown 345kV Voltage	Pre-Fault	55.6	NA	346	3320
3321 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	13.9	327.8	333.1	2262
3321 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	13.9	327.8	333.1	2262
3329 >E	Clay 345kV Voltage	Ph2 DC 1500	14.4	327.8	342.9	3553
3330 >E	Pleasant Valley 345kV Voltage	Marcy South S.	17.5	327.8	341.7	3730
3331 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	13.9	327.8	339.8	2266
3336 >E	Clay 345kV Voltage	Marcy South S.	12.4	327.8	338.7	3732
3339 >E	Leeds 345kV Voltage	Pre-Fault	27.8	NA	345	3339
3345 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	18.3	327.8	325.6	3812
3351 >E	Oakdale 345kV Voltage	SBK Princetown 345	13.9	320	321.1	3065
3354 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	55.6	500	508.1	2275
3357 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	13.7	327.8	330.0	2468
3358 >E	Sprain Brook 345kV Voltage	SBK Edic R945	19.0	327.8	335.7	2374
3358 >E	Gilboa 345kV Voltage	Ph2 DC 1500	16.0	327.8	338.7	3574
3360 >E	Buchanan North 345kV Voltage	SBK Edic R945	19.0	327.8	344.6	2375
3362 >E	Bowline 2 345kV Voltage	SBK Edic R945	12.6	327.8	344.9	2376
3364 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	13.9	320	320.2	3324
3365 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	18.5	327.8	330.7	3319
3365 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	18.5	327.8	330.7	3319
3367 >E	Gilboa 345kV Voltage	SBK Marcy R3108	13.7	327.8	338.4	3881
3370 >E	Clay 345kV Voltage	Volney-Marcy	13.9	327.8	329.8	3257
3373 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	18.5	327.8	337.5	2282
3378 >E	Ramapo 500kV Voltage	Marcy South S.	44.1	500	505.0	3750
3379 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	13.7	327.8	319.1	2486

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3381 >E	Buchanan North 345kV Voltage	Ravenswood 3	27.8	327.8	333.7	3505
3385 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	13.7	327.8	330.0	2491
3389 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	18.5	327.8	337.8	2288
3400 >E	Millwood 345kV Voltage	SBK Edic R945	19.0	327.8	337.0	2394
3409 >E	Watercure 230kV Voltage	SBK Edic R945	15.2	207	228.1	2399
3412 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	18.5	327.8	336.1	2296
3420 >E	Buchanan South 345kV Voltage	SBK Edic R945	19.0	327.8	338.1	2404
3421 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	18.5	327.8	327.7	3470
3421 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	18.5	327.8	327.7	3470
3421 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	18.5	327.8	327.7	3299
3421 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	18.5	327.8	327.7	3299
3424 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	18.5	327.8	327.6	3384
3424 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	18.5	327.8	327.6	3384
3426 >E	Somerset 345kV Voltage	SBK Marcy R3108	13.7	327.8	353.2	4075
3430 >E	Roseton 345kV Voltage	Pre-Fault	55.6	NA	345	3430
3433 >E	Oakdale 345kV Voltage	Ravenswood 3	18.5	320	315.2	3562
3434 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	21.3	327.8	340.6	3627
3447 >E	Buchanan South 345kV Voltage	Ravenswood 3	27.8	327.8	347.1	3577
3448 >E	St.Lawrence 230kV Voltage	Marcy South S.	33.3	218.5	221.8	3779
3458 >E	Gilboa 345kV Voltage	Ravenswood 3	18.5	327.8	335.3	3589
3463 >E	Station 80 345kV Voltage	Ph2 DC 1500	23.8	327.8	339.7	3648
3465 >E	Bowline 1 345kV Voltage	Pre-Fault	55.6	NA	345	3465
3469 >E	Watercure 230kV Voltage	Marcy South N.	28.2	207	231.0	3861
3469 >E	Oakdale 345kV Voltage	SBK Edic R70	18.5	320	312.6	3522
3471 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	18.5	327.8	341.9	11615
3472 >E	St.Lawrence 230kV Voltage	SBK Edic R945	37.9	218.5	219.5	2430
3472 >E	Pleasant Valley 345kV Voltage	Marcy South N.	23.2	327.8	342.1	3861
3472 >E	Gilboa 345kV Voltage	SBK Edic R70	18.5	327.8	334.8	3525
3475 >E	St.Lawrence 230kV Voltage	Volney-Marcy	37.0	218.5	226.3	3345
3476 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	37.0	218.5	226.3	2320
3477 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	19.0	327.8	327.5	2432
3478 >E	Gilboa 345kV Voltage	SBK Princetown 345	18.5	327.8	334.5	3169
3484 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	18.5	327.8	324.3	3174
3484 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	18.5	327.8	324.3	3174
3491 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	27.8	327.8	343.0	2326
3492 >E	Pannell Road 345kV Voltage	Marcy South S.	20.5	327.8	335.7	3797
3493 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	27.8	327.8	343.1	2326
3494 >E	Clay 345kV Voltage	Ravenswood 3	18.5	327.8	320.8	3627
3495 >E	Bowline 1 345kV Voltage	SBK Edic R945	19.0	327.8	341.0	2441

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3499 >E	Clay 345kV Voltage	SBK Princetown 345	18.5	327.8	320.5	3186
3499 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	37.0	218.5	226.1	12246
3501 >E	Sprain Brook 345kV Voltage	SBK Edic R70	27.8	327.8	343.1	3555
3503 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	18.5	327.8	320.2	3463
3503 >E	Clay 345kV Voltage	N.Scot-Leeds 345	18.5	327.8	320.2	3457
3516 >E	Clay 345kV Voltage	SBK Edic R70	18.5	327.8	319.3	3571
3519 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	55.6	500	508.1	3472
3521 >E	Ramapo 500kV Voltage	Volney-Marcy	55.6	500	508.1	3384
3534 >E	Rock Tavern 345kV Voltage	Ravenswood 3	27.8	327.8	331.7	3670
3534 >E	Ramapo 345kV Voltage	Ravenswood 3	27.8	327.8	340.8	3670
3543 >E	Dunwoodie 345kV Voltage	Ravenswood 3	55.6	327.8	343.0	3680
3545 >E	Dunwoodie 345kV Voltage	Marcy South S.	32.5	327.8	334.0	3819
3546 >E	Millwood 345kV Voltage	Marcy South S.	28.2	327.8	335.3	3820
3548 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	27.8	327.8	320.8	3686
3548 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	27.8	327.8	320.8	3686
3549 >E	Sprain Brook 345kV Voltage	Ravenswood 3	55.6	327.8	343.1	3686
3550 >E	Sprain Brook 345kV Voltage	Marcy South S.	32.5	327.8	333.9	3821
3555 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	27.8	327.8	336.9	2350
3557 >E	Station 80 345kV Voltage	Marcy South S.	24.2	327.8	334.5	3824
3559 >E	Ladentown 345kV Voltage	Ravenswood 3	27.8	327.8	341.7	3697
3561 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	22.2	207	219.4	2352
3561 >E	Ramapo 500kV Voltage	Marcy South N.	71.5	500	507.2	3864
3563 >E	Coopers Corners 345kV Voltage	Marcy South N.	20.2	327.8	313.1	3864
3566 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	26.1	327.8	336.1	3721
3579 >E	Millwood 345kV Voltage	SBK Princetown 345	27.8	327.8	336.5	3251
3583 >E	Leeds 345kV Voltage	SBK Edic R945	19.0	327.8	314.5	2485
3584 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	27.8	327.8	347.1	2361
3602 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	27.8	327.8	339.6	2367
3602 >E	Roseton 345kV Voltage	Marcy South S.	23.7	327.8	337.9	3843
3620 >E	St.Lawrence 230kV Voltage	Pre-Fault	111.1	NA	225	3620
3634 >E	Dunwoodie 345kV Voltage	SBK Edic R945	37.9	327.8	328.3	2510
3634 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	27.8	327.8	328.1	3587
3636 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	18.5	327.8	358.0	15235
3637 >E	Pannell Road 345kV Voltage	Volney-Marcy	27.8	327.8	328.7	3482
3638 >E	Leeds 345kV Voltage	Ph2 DC 1500	22.5	327.8	342.5	3772
3639 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	27.8	327.8	328.7	3592
3640 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	27.8	327.8	327.9	3600
3640 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	27.7	327.8	337.9	15310
3641 >E	Station 80 345kV Voltage	SBK Princetown 345	27.8	327.8	327.9	3301

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3641 >E	Pannell Road 345kV Voltage	Ravenswood 3	27.8	327.8	328.6	3786
3642 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	27.8	327.8	327.8	3595
3645 >E	Buchanan South 345kV Voltage	Marcy South S.	29.4	327.8	334.4	3861
3648 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	27.8	327.8	340.1	2385
3649 >E	Roseton 345kV Voltage	Ravenswood 3	27.8	327.8	341.1	3793
3654 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	30.5	327.8	338.9	3783
3654 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	27.8	327.8	338.2	3717
3657 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	37.0	218.5	234.1	15686
3657 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	37.0	218.5	234.1	15686
3660 >E	Pannell Road 345kV Voltage	SBK Princetown 345	27.8	327.8	327.9	3317
3663 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	27.8	327.8	327.8	3624
3665 >E	Gilboa 345kV Voltage	Volney-Marcy	27.8	327.8	327.8	3505
3665 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	27.8	327.8	327.8	3626
3669 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	27.8	327.8	337.9	2392
3670 >E	Pannell Road 345kV Voltage	SBK Edic R70	27.8	327.8	327.6	3735
3675 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	27.8	327.8	337.8	3329
3677 >E	Buchanan North 345kV Voltage	Marcy South S.	32.3	327.8	330.9	3874
3689 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	41.6	327.8	336.8	3808
3703 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	27.8	327.8	340.1	2405
3704 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	27.7	327.8	339.1	16707
3705 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	27.8	327.8	329.9	2406
3711 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	22.2	207	235.5	16873
3712 >E	Ladentown 345kV Voltage	SBK Marcy R3108	27.4	327.8	338.8	5006
3712 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	55.6	218.5	224.2	3673
3713 >E	Millwood 345kV Voltage	Ravenswood 3	55.6	327.8	334.1	3862
3718 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	55.6	218.5	224.1	3364
3724 >E	Watercure 230kV Voltage	Pre-Fault	37.0	NA	215	3724
3731 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	27.7	327.8	339.6	17302
3733 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	27.8	327.8	339.6	3694
3738 >E	Roseton 345kV Voltage	SBK Princetown 345	27.8	327.8	339.5	3380
3754 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	27.8	327.8	341.1	2424
3756 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	27.4	327.8	339.6	5150
3761 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	27.7	327.8	340.1	17961
3769 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	27.3	327.8	327.9	2811
3770 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	54.6	131.1	143.8	2812
3779 >E	Millwood 345kV Voltage	Ph2 DC 1500	42.6	327.8	337.2	3872
3781 >E	Millwood 345kV Voltage	Marcy South N.	40.6	327.8	337.2	3872

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3785 >E	Rock Tavern 345kV Voltage	Marcy South S.	25.6	327.8	319.9	3919
3795 >E	Roseton 345kV Voltage	Marcy South N.	31.3	327.8	340.0	3873
3800 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	41.0	327.8	337.9	3887
3813 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	51.0	327.8	335.9	3896
3815 >E	Ramapo 345kV Voltage	Ph2 DC 1500	38.7	327.8	338.2	3897
3815 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	51.2	327.8	335.8	3897
3815 >E	Dunwoodie 345kV Voltage	Marcy South N.	49.1	327.8	335.8	3873
3817 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	27.8	327.8	327.8	2448
3817 >E	Leeds 345kV Voltage	SBK Edic R70	27.8	327.8	327.8	3891
3817 >E	Leeds 345kV Voltage	SBK Princetown 345	27.8	327.8	327.8	3445
3817 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	27.8	327.8	327.8	3778
3817 >E	Leeds 345kV Voltage	Ravenswood 3	27.8	327.8	327.8	3974
3820 >E	Somerset 345kV Voltage	Marcy South N.	34.5	327.8	344.1	3874
3821 >E	Sprain Brook 345kV Voltage	Marcy South N.	49.1	327.8	335.8	3874
3851 >E	Ladentown 345kV Voltage	SBK Edic R945	37.9	327.8	330.0	2617
3869 >E	Roseton 345kV Voltage	Ph2 DC 1500	35.6	327.8	338.8	3936
3872 >E	Ladentown 345kV Voltage	Ph2 DC 1500	38.9	327.8	339.1	3938
3886 >E	Ladentown 345kV Voltage	Marcy South S.	32.7	327.8	331.6	3961
3889 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	27.3	327.8	298.6	2911
3889 >E	Buchanan South 345kV Voltage	Marcy South N.	41.8	327.8	336.8	3876
3891 >E	Rock Tavern 345kV Voltage	Marcy South N.	33.3	327.8	327.9	3876
3906 >E	Buchanan North 345kV Voltage	Marcy South N.	46.6	327.8	333.9	3877
3909 >E	Niagara 345kV Voltage	SBK Marcy R3108	27.4	327.8	358.0	5648
3909 >E	Ramapo 345kV Voltage	Marcy South S.	34.3	327.8	329.6	3971
3911 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	55.6	327.8	314.6	2483
3917 >E	Dunwoodie 345kV Voltage	SBK Edic R70	55.6	327.8	343.0	3996
3918 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	55.6	327.8	343.1	3869
3920 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	54.6	218.5	218.7	2937
3920 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	54.6	218.5	218.7	2937
3923 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	55.6	327.8	343.0	3885
3925 >E	Roseton 345kV Voltage	SBK Edic R945	37.9	327.8	306.7	2653
3925 >E	Somerset 345kV Voltage	Pre-Fault	55.6	NA	338	3925
3929 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	55.6	327.8	343.1	3890
3933 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	38.8	327.8	339.8	3981
3933 >E	Dunwoodie 345kV Voltage	Volney-Marcy	55.6	327.8	343.0	3731
3936 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	54.9	327.8	327.3	5737
3938 >E	Sprain Brook 345kV Voltage	Volney-Marcy	55.6	327.8	343.1	3736
3938 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	55.6	327.8	343.0	3544

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3942 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	54.9	327.8	327.3	5755
3944 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	55.6	327.8	343.1	3548
3944 >E	Bowline 1 345kV Voltage	Marcy South S.	32.8	327.8	331.9	3985
3949 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	38.7	327.8	340.0	3992
3963 >E	Rainey 345kV Voltage	Pre-Fault	55.6	NA	338	3963
3968 >E	Bowline 2 345kV Voltage	Marcy South S.	33.2	327.8	331.8	3995
3972 >E	Watercure 230kV Voltage	Ph2 DC 1500	43.6	207	229.5	4009
3980 >E	Watercure 230kV Voltage	Ravenswood 3	37.0	207	208.1	4149
3999 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	55.6	327.8	311.4	3950
4000 >E	Somerset 345kV Voltage	SBK Edic R945	37.9	327.8	353.2	2690
4004 >E	Buchanan North 345kV Voltage	SBK Edic R70	55.6	327.8	311.3	4088
4007 >E	Watercure 230kV Voltage	SBK Princetown 345	37.0	207	207.4	3600
4008 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	55.4	327.8	311.1	23351
4010 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	55.6	327.8	311.1	3972
4012 >E	Buchanan North 345kV Voltage	SBK Princetown 345	55.6	327.8	311.0	3604
4025 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	54.9	327.8	327.3	6027
4027 >E	Somerset 345kV Voltage	Ph2 DC 1500	42.5	327.8	341.4	4048
4048 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	55.6	327.8	331.1	4223
4056 >E	Millwood 345kV Voltage	SBK Edic R70	55.6	327.8	327.9	4144
4073 >E	Millwood 345kV Voltage	Volney-Marcy	55.6	327.8	327.6	3850
4077 >E	Millwood 345kV Voltage	SBK Marcy R3108	54.9	327.8	345.5	6196
4128 >E	Bowline 1 345kV Voltage	Ravenswood 3	55.6	327.8	333.1	4308
4131 >E	Gardenville 230kV Voltage	SBK Edic R945	37.9	207	221.7	2755
4138 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	55.6	327.8	347.1	4088
4147 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	55.4	327.8	327.8	26388
4153 >E	Bowline 2 345kV Voltage	Ravenswood 3	55.6	327.8	313.8	4335
4154 >E	Station 80 345kV Voltage	Ravenswood 3	55.6	327.8	309.4	4336
4158 >E	Ladentown 345kV Voltage	Marcy South N.	45.5	327.8	334.9	3886
4160 >E	Buchanan South 345kV Voltage	Volney-Marcy	55.6	327.8	347.1	3923
4160 >E	Ramapo 345kV Voltage	Marcy South N.	47.4	327.8	333.0	3886
4164 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	54.9	327.8	327.3	6479
4167 >E	Station 80 345kV Voltage	Volney-Marcy	55.6	327.8	308.9	3929
4178 >E	Farragut 345kV Voltage	Ravenswood 3	55.6	327.8	353.4	4362
4184 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	55.6	327.8	308.3	3744
4189 >E	Rock Tavern 345kV Voltage	SBK Edic R70	55.6	327.8	308.1	4284
4204 >E	Niagara 345kV Voltage	SBK Edic R945	37.9	327.8	358.0	2791
4204 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	55.6	327.8	307.6	4167
4210 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	55.6	327.8	328.2	4160
4211 >E	Station 80 345kV Voltage	SBK Edic R70	55.6	327.8	307.3	4308

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4218 >E	Rock Tavern 345kV Voltage	Volney-Marcy	55.6	327.8	307.0	3972
4229 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	55.4	327.8	327.8	28183
4236 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	55.6	327.8	327.7	4198
4236 >E	Coopers Corners 345kV Voltage	Marcy South S.	31.0	327.8	257.4	4107
4238 >E	Bowline 1 345kV Voltage	Marcy South N.	45.7	327.8	335.3	3889
4241 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	54.9	327.8	326.9	6730
4242 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	54.9	327.8	327.3	6733
4244 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	55.6	327.8	327.6	3993
4245 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	55.6	327.8	328.0	4195
4247 >E	Niagara 230kV East Voltage	SBK Edic R945	75.9	218.5	234.1	2812
4247 >E	Niagara 230kV West Voltage	SBK Edic R945	75.9	218.5	234.1	2812
4248 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	55.6	327.8	306.8	4197
4249 >E	Ramapo 345kV Voltage	SBK Edic R70	55.6	327.8	327.9	4348
4252 >E	Ramapo 345kV Voltage	SBK Princetown 345	55.6	327.8	327.9	3799
4255 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	55.6	327.8	327.8	4218
4264 >E	Somerset 345kV Voltage	Marcy South S.	46.8	327.8	334.6	4118
4265 >E	Bowline 2 345kV Voltage	Marcy South N.	45.9	327.8	335.4	3890
4266 >E	Ramapo 345kV Voltage	Volney-Marcy	55.6	327.8	327.6	4012
4271 >E	Ramapo 345kV Voltage	SBK Marcy R3108	54.9	327.8	327.3	6828
4304 >E	St.Lawrence 230kV Voltage	Ravenswood 3	111.1	218.5	218.8	4497
4306 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	55.6	327.8	329.9	2630
4320 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	55.6	327.8	328.0	4269
4324 >E	Ladentown 345kV Voltage	SBK Edic R70	55.6	327.8	327.9	4428
4331 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	55.6	327.8	327.8	4294
4341 >E	Ladentown 345kV Voltage	Volney-Marcy	55.6	327.8	327.6	4076
4345 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	111.1	218.5	218.5	4294
4345 >E	St.Lawrence 230kV Voltage	SBK Edic R70	111.1	218.5	218.5	4450
4377 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	55.6	327.8	328.0	4326
4380 >E	Roseton 345kV Voltage	SBK Edic R70	55.6	327.8	327.9	4487
4396 >E	Roseton 345kV Voltage	Volney-Marcy	55.6	327.8	327.6	4122
4409 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	55.6	327.8	328.0	4358
4417 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	55.4	327.8	327.8	32292
4421 >E	Bowline 1 345kV Voltage	SBK Princetown 345	55.6	327.8	327.8	3936
4430 >E	Bowline 1 345kV Voltage	Volney-Marcy	55.6	327.8	327.6	4151
4435 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	55.6	327.8	303.6	4383
4439 >E	Bowline 2 345kV Voltage	SBK Edic R70	55.6	327.8	303.5	4550
4441 >E	Watercure 230kV Voltage	Volney-Marcy	55.6	207	195.7	4160
4444 >E	Somerset 345kV Voltage	Ravenswood 3	55.6	327.8	328.7	4647

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4446 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	55.6	327.8	303.2	4409
4446 >E	Bowline 2 345kV Voltage	SBK Princetown 345	55.6	327.8	303.2	3958
4456 >E	Bowline 2 345kV Voltage	Volney-Marcy	55.6	327.8	302.9	4173
4458 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	54.9	327.8	327.3	7438
4486 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	55.6	327.8	353.2	2697
4486 >E	Northport 138kV Voltage	SBK Edic R70	111.1	131.1	143.8	4599
4488 >E	Northport 138kV Voltage	SBK Princetown 345	111.1	131.1	143.8	3991
4488 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	55.6	207	194.4	4451
4488 >E	Somerset 345kV Voltage	SBK Edic R70	55.6	327.8	327.9	4601
4489 >E	Goethals 345kV Voltage	SBK Edic R70	55.6	327.8	353.2	4603
4490 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	55.6	207	194.3	4438
4491 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	55.6	327.8	353.2	4454
4492 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	55.6	327.8	327.8	4440
4492 >E	Somerset 345kV Voltage	SBK Princetown 345	55.6	327.8	327.8	3995
4495 >E	Watercure 230kV Voltage	SBK Edic R70	55.6	207	194.2	4609
4527 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	55.6	327.8	327.8	4475
4537 >E	Leeds 345kV Voltage	SBK Marcy R3108	54.9	327.8	327.8	7695
4552 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	55.4	327.8	327.8	35227
4555 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	55.6	327.8	301.2	4503
4555 >E	Leeds 345kV Voltage	Volney-Marcy	55.6	327.8	301.2	4256
4594 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	54.6	207	180.1	3498
4635 >E	Gardenville 230kV Voltage	SBK Marcy R3108	54.9	207	221.3	8016
4662 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	55.6	207	235.5	4627
4726 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	55.6	327.8	358.0	2787
4755 >E	Niagara 345kV Voltage	SBK Princetown 345	55.6	327.8	358.0	4209
5321 >E	Niagara 345kV Voltage	Marcy South N.	79.3	327.8	346.6	3929
5672 >E	Rainey 345kV Voltage	Marcy South S.	100.2	327.8	337.7	4703
5710 >E	Farragut 345kV Voltage	Marcy South S.	103.7	327.8	337.6	4719
5793 >E	Niagara 345kV Voltage	Ph2 DC 1500	96.1	327.8	344.2	5299
6163 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	111.1	207	235.5	3324
6223 >E	Gardenville 230kV Voltage	Ravenswood 3	111.1	207	235.5	6559
6233 >E	Gardenville 230kV Voltage	Volney-Marcy	111.1	207	235.5	5672
6246 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	111.1	207	235.5	6184
6384 >E	Niagara 230kV East Voltage	Marcy South N.	224.3	218.5	230.0	3968
6384 >E	Niagara 230kV West Voltage	Marcy South N.	224.3	218.5	230.0	3968
6514 >E	Niagara 345kV Voltage	Marcy South S.	113.8	327.8	335.8	5053
6554 >E	Goethals 345kV Voltage	Marcy South S.	137.8	327.8	337.6	5070

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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7067 >E	Rainey 345kV Voltage	Marcy South N.	153.0	327.8	341.4	3993
7069 >E	Rainey 345kV Voltage	Ph2 DC 1500	155.0	327.8	341.4	6204
7108 >E	Farragut 345kV Voltage	Ph2 DC 1500	159.6	327.8	341.2	6231
7119 >E	Farragut 345kV Voltage	Marcy South N.	158.0	327.8	341.1	3995
7307 >E	Niagara 230kV East Voltage	Ph2 DC 1500	285.5	218.5	228.8	6372
7307 >E	Niagara 230kV West Voltage	Ph2 DC 1500	285.5	218.5	228.8	6372
8288 >E	Goethals 345kV Voltage	Ph2 DC 1500	207.5	327.8	341.7	7067
8440 >E	Goethals 345kV Voltage	Marcy South N.	211.3	327.8	341.3	4044
8932 >E	Niagara 230kV East Voltage	Marcy South S.	374.6	218.5	223.7	6059
8932 >E	Niagara 230kV West Voltage	Marcy South S.	374.6	218.5	223.7	6059
12711 >E	Northport 138kV Voltage	Marcy South S.	763.1	131.1	135.1	7630
17318 >E	Northport 138kV Voltage	Ph2 DC 1500	1128.8	131.1	137.0	13466
18234 >E	Gardenville 230kV Voltage	Marcy South N.	577.3	207	291.0	4404
18297 >E	Northport 138kV Voltage	Marcy South N.	1201.9	131.1	136.5	4406
75626 >E	Gardenville 230kV Voltage	Ph2 DC 1500	2616.3	207	501.0	54785
99998 >E	Bowline 1 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Buchanan North 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Buchanan South 345kV Voltage	Pre-Fault	NA	NA	346	99998
99998 >E	Buchanan South 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Buchanan South 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Farragut 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Farragut 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Goethals 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
>E						
99998	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Ladentown 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Millwood 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Millwood 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Niagara 230kV East Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	Niagara 230kV East Voltage	Marcy-N.Scot99 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Volney-Marcy	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Marcy R3108	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Edic R70	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Pre-Fault	NA	NA	225	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Niagara 230kV West Voltage	Marcy-N.Scot99 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Volney-Marcy	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Marcy R3108	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Edic R70	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
>E						
99998	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
>E						
99998	Rainey 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						
99998	Rainey 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

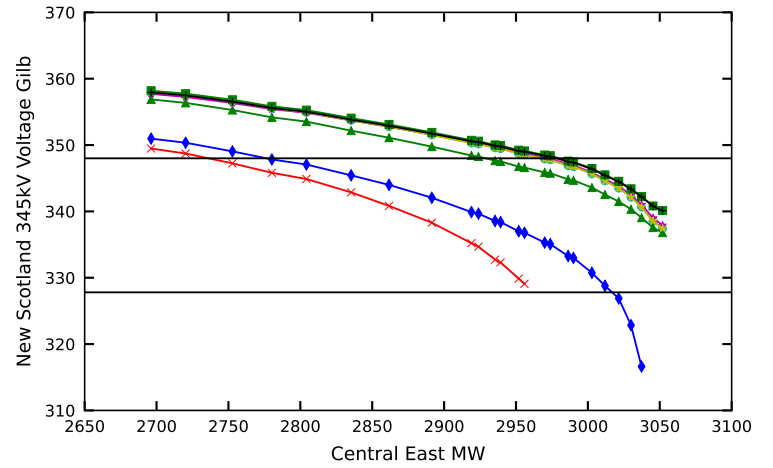
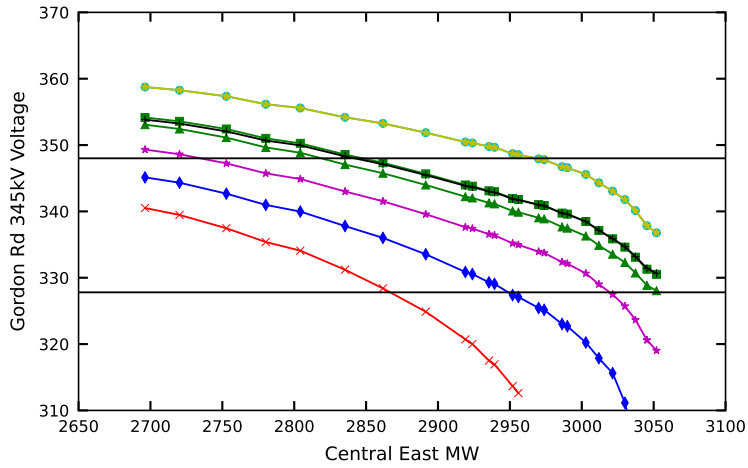
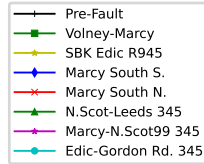
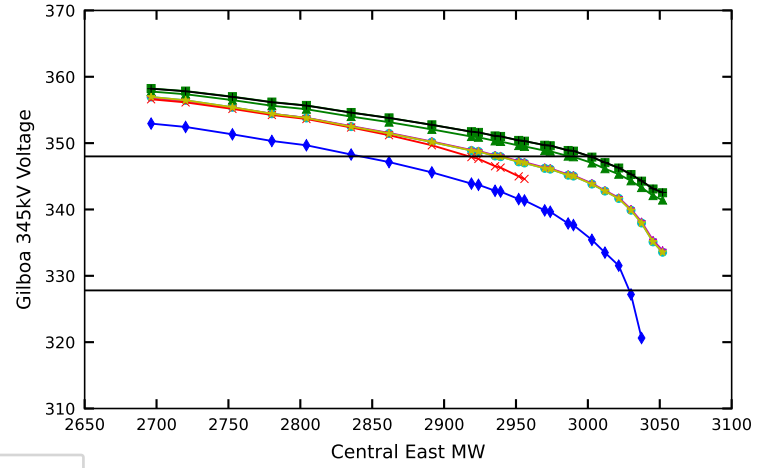
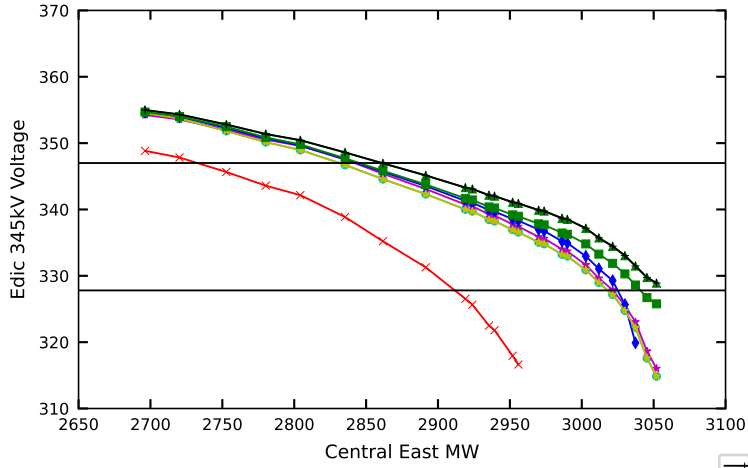
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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 ALI

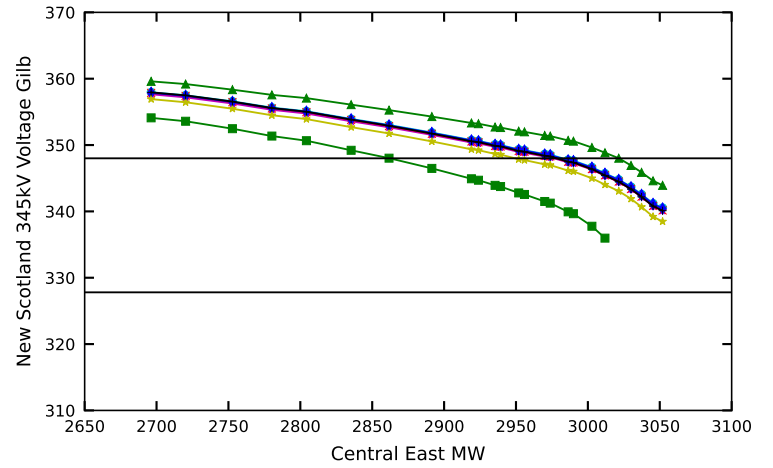
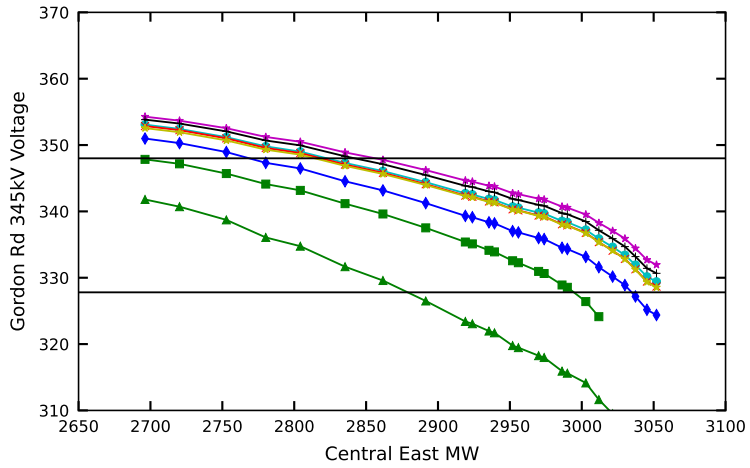
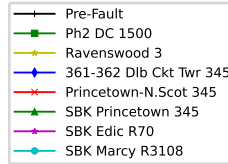
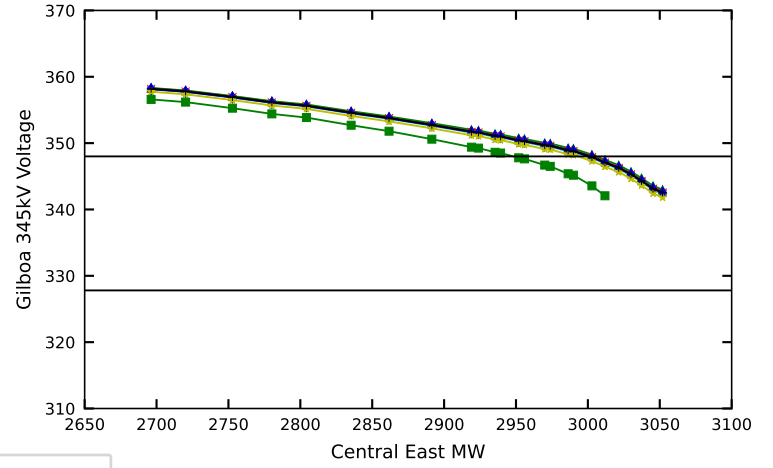
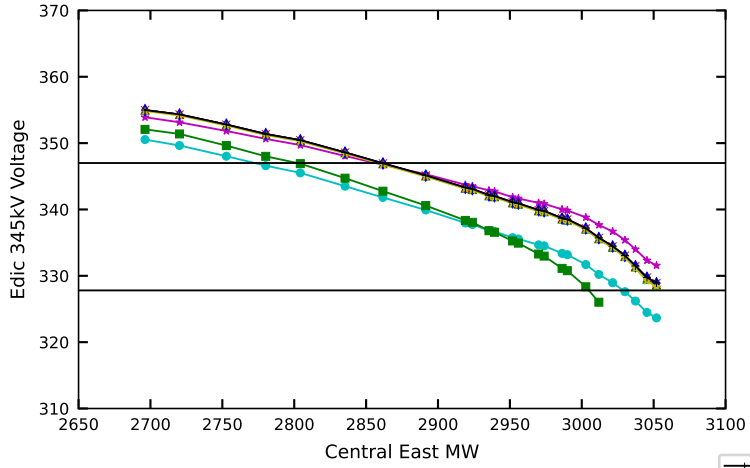
Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Rainey 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Ramapo 500kV Voltage	Pre-Fault	NA	NA	500	99998
99998 >E	Ramapo 500kV Voltage	SBK Edic R70	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	SBK Princetown 345	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	Ravenswood 3	NA	500	NA	99998
99998 >E	Roseton 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

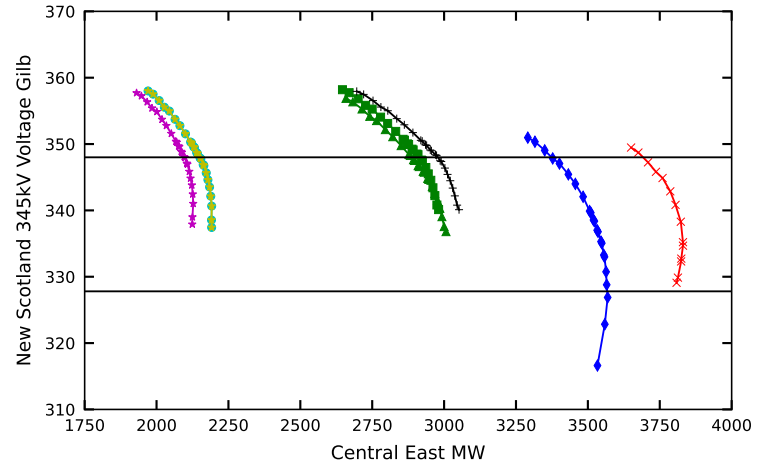
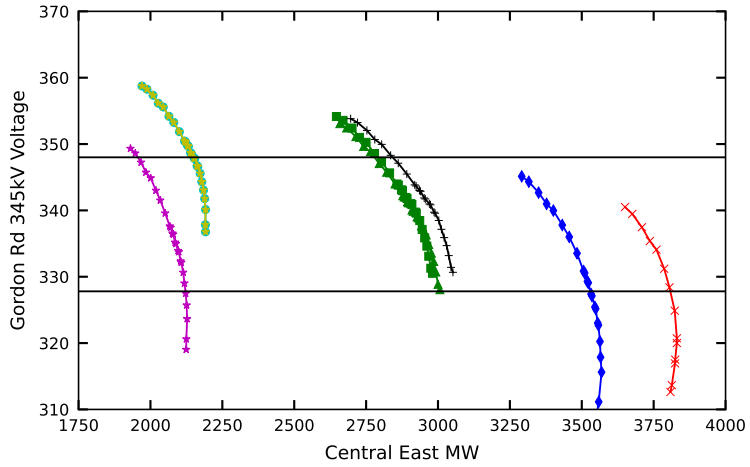
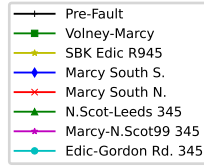
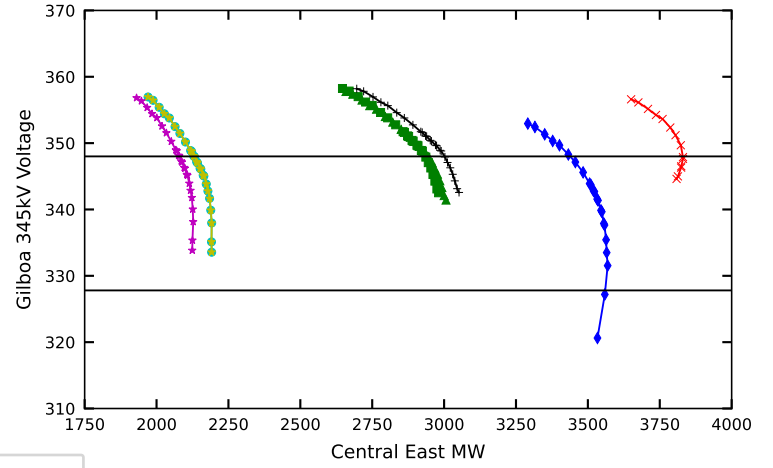
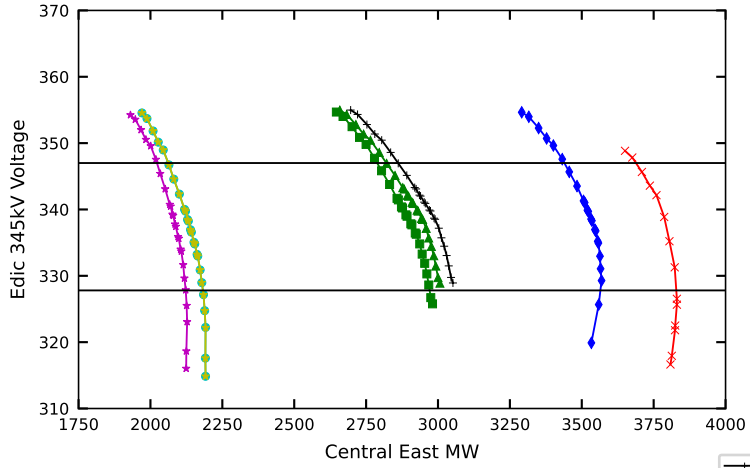
1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_0P Figure 1



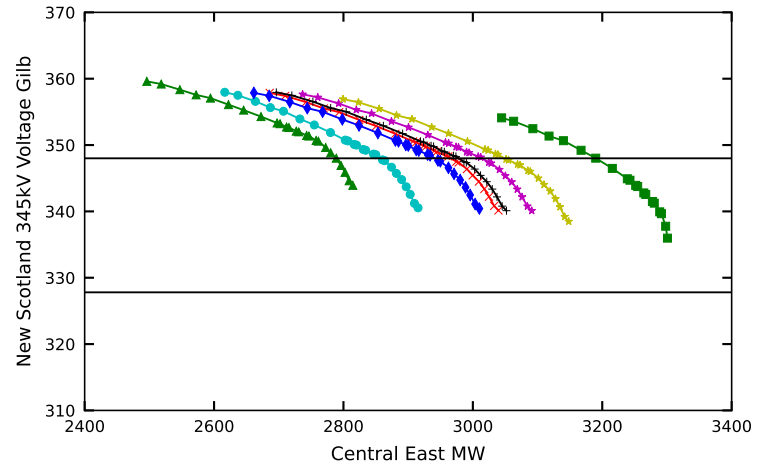
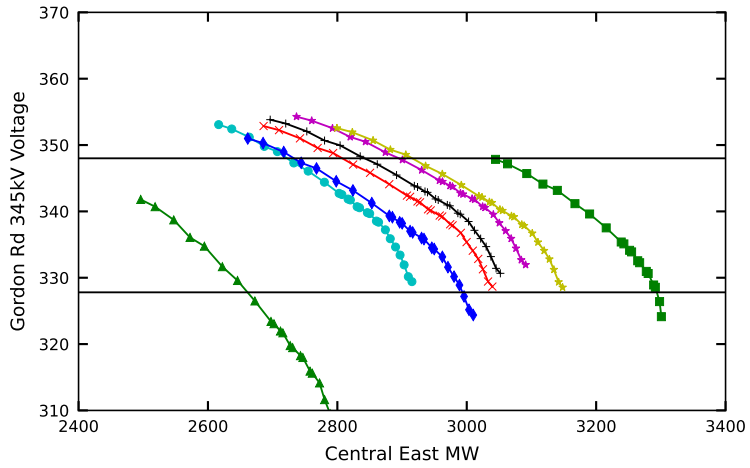
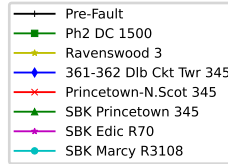
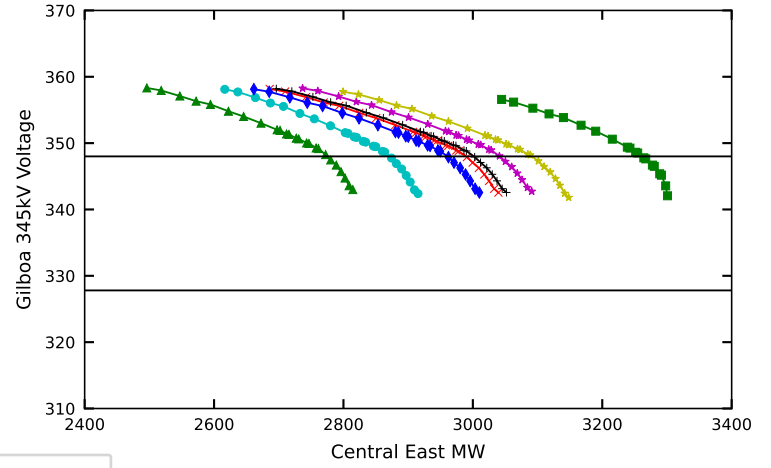
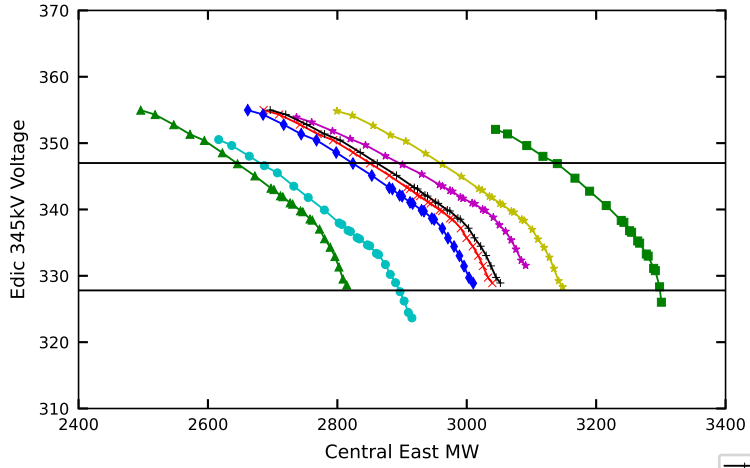
1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_0P Figure 2



1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_OP Figure 1



1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_0P Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2690 MS2270 DE1710 5O EF24-40_3822_OP

Interface: Central East

Transfe	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
	MW	e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
2696	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2720	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2752	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2780	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2804	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2835	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2861	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2891	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2919	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2923	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2935	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2939	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2951	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2955	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2969	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	5															
2973	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2986	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2989	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
3002	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	9															
3011	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
3021	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	1															
3029	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	2															
3037	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	3															
3045	t2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2
	4															
3051	t2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-16-2023 10:41

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2690 MS2270 DE1710 5O EF24-40_3822_OP

Interface: Central East

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\EF24-40_3822_OP\Sum2023_CEVC_PH2_5O_EF24-40_3822_OP.xlsx

1: 2023S CEVC PH2 CE2690 MS2270 DE1710 5O EF24-40_3822_OP

Interface: Central East

Dlb Ckt																						
Twr 345																						
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																						
wood 3																						
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
Ph2 DC																						
1500																						

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2542 <E	Dunwoodie 345kV Voltage	Pre-Fault	102.4	NA	348	2542
2553 <E	Sprain Brook 345kV Voltage	Pre-Fault	102.6	NA	348	2553
2777	limit with 5% margin	Marcy South N.	NA	NA	NA	3639
2811	Millwood 345kV Voltage	Pre-Fault	81.4	NA	348	2811
2842	Gordon Rd 345kV Voltage	Pre-Fault	22.1	NA	348	2842
2845	Marcy 345kV Voltage	Pre-Fault	15.8	NA	348	2845
2861	Edic 345kV Voltage	Pre-Fault	16.0	NA	347	2861
2861	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3135
2866	Gordon Rd 345kV Voltage	Marcy South N.	8.5	327.8	346.8	3807
2870	limit with 5% margin	Marcy South S.	NA	NA	NA	3390
2878	Gordon Rd 345kV Voltage	SBK Princetown 345	9.7	327.8	346.2	2661
2885	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2082
2885	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2021
2885	limit with 5% margin	SBK Edic R945	NA	NA	NA	2082
2897	Buchanan North 345kV Voltage	Pre-Fault	67.5	NA	346	2897
2899	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2856
2899	limit with 5% margin	Volney-Marcy	NA	NA	NA	2831
2899	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2769
2899	limit with 5% margin	SBK Edic R70	NA	NA	NA	2936
2899	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2673
2899	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2887
2899	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2859
2899	limit with 5% margin	Ravenswood 3	NA	NA	NA	2990
2911	Edic 345kV Voltage	Marcy South N.	5.8	327.8	343.8	3828
2912	Marcy 345kV Voltage	Marcy South N.	5.8	327.8	343.7	3829
2924 >E	Oakdale 345kV Voltage	Marcy South N.	8.0	320	345.5	3830
2948	Gordon Rd 345kV Voltage	Marcy South S.	7.4	327.8	342.1	3529
2978	New Scotland 345kV Voltage Alps	Pre-Fault	15.5	NA	348	2978
2978	New Scotland 345kV Voltage Gilb	Pre-Fault	15.5	NA	348	2978
2979	Rock Tavern 345kV Voltage	Pre-Fault	24.2	NA	348	2979
2987 >E	New Scotland 345kV Voltage Alps	Marcy South N.	9.2	327.8	348.8	3831
2987 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	9.2	327.8	348.8	3831
2994	Gordon Rd 345kV Voltage	Ph2 DC 1500	6.0	327.8	339.2	3293
3001	Gilboa 345kV Voltage	Pre-Fault	14.3	NA	348	3001
3002	Station 80 345kV Voltage	Pre-Fault	15.4	NA	346	3002
3004	Edic 345kV Voltage	Ph2 DC 1500	3.9	327.8	336.8	3298
3005 >E	Clay 345kV Voltage	Marcy South N.	7.3	327.8	351.1	3831
3005	Marcy 345kV Voltage	Ph2 DC 1500	3.9	327.8	336.7	3298
3006	Pleasant Valley 345kV Voltage	Pre-Fault	18.2	NA	348	3006
3006	Coopers Corners 345kV Voltage	SBK Edic R945	5.2	327.8	338.3	2175

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3006	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	5.2	327.8	338.3	2175
3008	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	5.0	327.8	338.1	2116
3009	Fraser 345kV Voltage	Pre-Fault	6.2	NA	338	3009
3009	Coopers Corners 345kV Voltage	Pre-Fault	7.9	NA	338	3009
3012	Buchanan South 345kV Voltage	Pre-Fault	28.9	NA	346	3012
3014	Marcy 345kV Voltage	SBK Edic R945	5.1	327.8	335.3	2180
3014	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	335.3	2180
3016	New Scotland 345kV Voltage Alps	Marcy South S.	5.0	327.8	344.9	3567
3016	New Scotland 345kV Voltage Gilb	Marcy South S.	5.0	327.8	344.9	3567
3017	Edic 345kV Voltage	SBK Edic R945	5.2	327.8	334.9	2182
3018	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.3	327.8	334.9	2182
3018	Fraser 345kV Voltage	SBK Edic R945	4.7	327.8	336.6	2183
3018	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.8	327.8	336.6	2182
3019	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	336.2	2121
3020	Oakdale 345kV Voltage	Pre-Fault	6.9	NA	335	3020
3020	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.9	327.8	336.3	2122
3021	Edic 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	334.4	2122
3022	Pannell Road 345kV Voltage	Pre-Fault	13.4	NA	346	3022
3023 >E	Ramapo 500kV Voltage	Ph2 DC 1500	21.1	500	506.7	3304
3025	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	333.7	2124
3028	Edic 345kV Voltage	SBK Marcy R3108	6.3	327.8	333.3	2895
3029 >E	Edic 345kV Voltage	Marcy South S.	5.4	327.8	333.4	3571
3030 >E	Marcy 345kV Voltage	Marcy South S.	5.4	327.8	333.1	3572
3034	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	4.3	327.8	333.7	2993
3036	Ramapo 500kV Voltage	Ravenswood 3	4.6	500	505.0	3133
3037 >E	Fraser 345kV Voltage	Ph2 DC 1500	4.0	327.8	333.3	3308
3038 >E	Oakdale 345kV Voltage	SBK Edic R945	2.8	320	331.8	2192
3038 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.9	320	331.8	2192
3039 >E	Gilboa 345kV Voltage	Marcy South S.	4.9	327.8	344.8	3575
3039 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.0	320	331.6	2128
3040	Edic 345kV Voltage	Volney-Marcy	4.2	327.8	330.8	2970
3041 >E	Oakdale 345kV Voltage	Ph2 DC 1500	3.5	320	330.2	3309
3041	Marcy 345kV Voltage	Volney-Marcy	4.1	327.8	330.5	2971
3042 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	5.4	327.8	333.9	3310
3043 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	4.2	500	503.6	2128
3043	Ramapo 345kV Voltage	Pre-Fault	11.1	NA	346	3043
3043 >E	Ramapo 500kV Voltage	SBK Edic R945	4.2	500	503.5	2194
3043 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	4.2	500	503.5	2194
3049	Clay 345kV Voltage	Pre-Fault	13.2	NA	345	3049
3053 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	5.1	327.8	341.1	3313

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\EF24-40_3822_OP\Sum2023_CEVC_PH2_50_EF24-40_3822_OP.xlsx

1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3053 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	5.1	327.8	341.1	3313
3053 >E	Coopers Corners 345kV Voltage	Ravenswood 3	8.4	327.8	331.9	3149
3053 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	8.2	327.8	330.4	3008
3055 >E	Edic 345kV Voltage	Ravenswood 3	7.3	327.8	328.4	3151
3056 >E	Marcy 345kV Voltage	Ravenswood 3	7.3	327.8	328.2	3152
3058 >E	Edic 345kV Voltage	SBK Princetown 345	7.5	327.8	328.2	2819
3058 >E	Gordon Rd 345kV Voltage	Ravenswood 3	8.2	327.8	330.0	3153
3058 >E	Marcy 345kV Voltage	SBK Princetown 345	7.4	327.8	328.0	2819
3059 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	8.7	327.8	329.8	3047
3059 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	7.9	327.8	327.8	3014
3059 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	7.9	327.8	327.8	3047
3059 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	7.9	327.8	327.8	3017
3059 >E	Marcy 345kV Voltage	SBK Marcy R3108	7.9	327.8	327.8	2921
3059 >E	Marcy 345kV Voltage	SBK Edic R70	7.9	327.8	327.8	3098
3060 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	7.9	327.8	327.8	3018
3060 >E	Edic 345kV Voltage	N.Scot-Leeds 345	7.9	327.8	327.8	3015
3060 >E	Edic 345kV Voltage	Princetown-N.Scot 345	7.9	327.8	327.8	3048
3066 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	8.9	327.8	329.1	2927
3068 >E	Fraser 345kV Voltage	Marcy South S.	5.8	327.8	329.7	3585
3070 >E	Pannell Road 345kV Voltage	Marcy South N.	11.7	327.8	346.5	3831
3071 >E	Ladentown 345kV Voltage	Pre-Fault	22.8	NA	346	3071
3073 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	7.9	327.8	327.8	3027
3073 >E	Fraser 345kV Voltage	Volney-Marcy	7.9	327.8	327.8	3000
3073 >E	Fraser 345kV Voltage	SBK Marcy R3108	7.9	327.8	327.8	2933
3073 >E	Fraser 345kV Voltage	SBK Princetown 345	7.9	327.8	327.8	2832
3073 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	7.9	327.8	327.8	3031
3073 >E	Fraser 345kV Voltage	Ravenswood 3	7.9	327.8	327.8	3167
3073 >E	Fraser 345kV Voltage	SBK Edic R70	7.9	327.8	327.8	3112
3073 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	7.9	327.8	327.8	3060
3073 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	8.6	327.8	329.9	2833
3075 >E	Gordon Rd 345kV Voltage	Volney-Marcy	8.7	327.8	328.0	3002
3075 >E	Gilboa 345kV Voltage	SBK Edic R945	3.8	327.8	339.1	2208
3076 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	3.8	327.8	339.1	2208
3077 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	338.9	2136
3080 >E	Coopers Corners 345kV Voltage	SBK Edic R70	9.0	327.8	329.2	3119
3083 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	8.8	327.8	328.8	3037
3083 >E	Edic 345kV Voltage	SBK Edic R70	8.5	327.8	324.9	3123
3088 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr	9.2	327.8	328.3	3046

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3089 >E	Gordon Rd 345kV Voltage	SBK Edic R70	9.1	327.8	326.4	3129
3091 >E	Clay 345kV Voltage	SBK Edic R945	4.4	327.8	339.5	2215
3091 >E	Coopers Corners 345kV Voltage	Princeton-N.Scot 345	9.4	327.8	327.9	3079
3091 >E	Gordon Rd 345kV Voltage	SBK Edic R945	4.4	327.8	322.0	2215
3092 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	4.4	327.8	321.9	2215
3092 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	339.4	2215
3097 >E	Coopers Corners 345kV Voltage	Volney-Marcy	9.8	327.8	327.3	3022
3098 >E	Gilboa 345kV Voltage	Ph2 DC 1500	6.1	327.8	339.1	3327
3099 >E	Leeds 345kV Voltage	Marcy South S.	6.2	327.8	347.7	3596
3099 >E	Clay 345kV Voltage	Ph2 DC 1500	6.0	327.8	339.8	3327
3100 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	4.9	327.8	332.1	2218
3100 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	4.9	327.8	332.1	2218
3100 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	4.9	327.8	332.0	2218
3100 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	4.9	327.8	332.0	2218
3100 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.9	327.8	338.3	2141
3102 >E	Station 80 345kV Voltage	Marcy South N.	13.8	327.8	345.0	3831
3104 >E	Leeds 345kV Voltage	Pre-Fault	12.0	NA	345	3104
3104 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	5.1	327.8	331.3	2142
3104 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	5.1	327.8	331.3	2142
3108 >E	Oakdale 345kV Voltage	SBK Marcy R3108	9.9	320	324.0	2962
3113 >E	Roseton 345kV Voltage	Pre-Fault	21.3	NA	345	3113
3117 >E	Oakdale 345kV Voltage	Marcy South S.	6.3	320	320.9	3602
3118 >E	Oakdale 345kV Voltage	Volney-Marcy	9.7	320	323.1	3040
3118 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	8.3	327.8	337.3	3333
3120 >E	Bowline 2 345kV Voltage	Pre-Fault	18.5	NA	345	3120
3126 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	11.2	327.8	324.3	2977
3127 >E	Rock Tavern 345kV Voltage	SBK Edic R945	7.8	327.8	339.5	2230
3127 >E	Oakdale 345kV Voltage	Ravenswood 3	9.5	320	322.2	3218
3127 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	7.8	327.8	339.5	2230
3130 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	8.8	327.8	332.0	3084
3130 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	8.8	327.8	332.0	3084
3131 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	8.0	327.8	339.2	2148
3135 >E	Oakdale 345kV Voltage	SBK Princeton 345	9.8	320	321.4	2887
3138 >E	Station 80 345kV Voltage	Ph2 DC 1500	10.5	327.8	337.2	3339
3140 >E	Pannell Road 345kV Voltage	SBK Edic R945	7.6	327.8	336.6	2236
3142 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	7.8	327.8	336.4	2236
3143 >E	St.Lawrence 230kV Voltage	SBK Edic R945	12.8	218.5	222.0	2237
3146 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	13.1	218.5	221.9	2238
3147 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	10.2	320	320.2	3104

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3147 >E	Bowline 1 345kV Voltage	Pre-Fault	26.6	NA	345	3147
3148 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	10.2	320	320.1	3101
3149 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	10.2	320	320.1	3136
3149 >E	Dunwoodie 345kV Voltage	Ravenswood 3	21.6	327.8	335.9	3238
3149 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	9.2	327.8	330.0	3239
3149 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	9.2	327.8	330.0	3239
3153 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	16.4	218.5	223.8	3344
3153 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	8.4	327.8	335.5	2153
3154 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	13.3	218.5	221.4	2154
3154 >E	Oakdale 345kV Voltage	SBK Edic R70	10.4	320	319.5	3194
3155 >E	Sprain Brook 345kV Voltage	Ravenswood 3	22.5	327.8	335.9	3245
3157 >E	Leeds 345kV Voltage	Ph2 DC 1500	6.5	327.8	343.6	3345
3158 >E	St.Lawrence 230kV Voltage	Pre-Fault	39.5	NA	225	3158
3162 >E	Station 80 345kV Voltage	SBK Edic R945	9.1	327.8	335.6	2245
3164 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	9.3	327.8	335.4	2246
3169 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	9.6	327.8	328.0	3087
3169 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	9.6	327.8	328.0	3087
3170 >E	Pleasant Valley 345kV Voltage	Marcy South S.	11.9	327.8	340.4	3621
3172 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	9.7	327.8	327.7	3159
3172 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	9.7	327.8	327.7	3159
3172 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	9.8	327.8	327.7	3212
3172 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	9.8	327.8	327.7	3212
3173 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	9.9	327.8	335.1	3350
3174 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	9.7	327.8	327.5	3131
3174 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	9.7	327.8	327.5	3131
3176 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	10.0	327.8	334.6	2158
3179 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	10.0	327.8	327.0	3021
3179 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	10.0	327.8	327.0	3021
3186 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	9.9	327.8	331.0	3138
3188 >E	Buchanan North 345kV Voltage	Ravenswood 3	19.9	327.8	335.5	3275
3189 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	10.3	327.8	338.0	3355
3191 >E	Ramapo 500kV Voltage	Marcy South N.	40.4	500	504.5	3832
3192 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	13.8	327.8	335.0	3356
3193 >E	Watercure 230kV Voltage	Marcy South N.	18.4	207	228.9	3832
3196 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	14.4	327.8	333.5	3357
3197 >E	Rock Tavern 345kV Voltage	Ravenswood 3	13.4	327.8	334.2	3283
3197 >E	St.Lawrence 230kV Voltage	Marcy South N.	25.8	218.5	229.3	3832
3198 >E	Millwood 345kV Voltage	Ravenswood 3	19.6	327.8	335.8	3284
3198 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	14.6	327.8	333.5	3357

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3201 >E	Gilboa 345kV Voltage	Ravenswood 3	10.6	327.8	329.8	3287
3203 >E	Clay 345kV Voltage	Marcy South S.	10.0	327.8	334.9	3632
3205 >E	Dunwoodie 345kV Voltage	SBK Edic R945	13.9	327.8	331.8	2264
3206 >E	Millwood 345kV Voltage	Ph2 DC 1500	13.1	327.8	335.0	3360
3206 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	13.9	327.8	331.7	2263
3208 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	9.7	327.8	324.0	2950
3208 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	9.7	327.8	324.0	2950
3209 >E	Sprain Brook 345kV Voltage	SBK Edic R945	14.1	327.8	332.0	2265
3209 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	14.2	327.8	331.9	2265
3212 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	14.2	327.8	331.4	2167
3214 >E	Buchanan North 345kV Voltage	SBK Edic R945	14.6	327.8	336.0	2268
3215 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	14.7	327.8	336.0	2268
3216 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	14.4	327.8	331.6	2167
3222 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	15.0	327.8	335.8	2169
3222 >E	Gilboa 345kV Voltage	SBK Marcy R3108	11.7	327.8	328.0	3057
3222 >E	Gilboa 345kV Voltage	Volney-Marcy	11.6	327.8	327.9	3135
3223 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	13.2	327.8	335.8	3365
3223 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	8.0	327.8	327.8	2271
3223 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	8.0	327.8	327.8	2169
3223 >E	Leeds 345kV Voltage	SBK Edic R945	8.0	327.8	327.8	2272
3223 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	11.6	327.8	327.8	3180
3223 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	11.7	327.8	327.8	3211
3225 >E	Millwood 345kV Voltage	SBK Edic R945	13.2	327.8	333.3	2273
3226 >E	Ramapo 500kV Voltage	SBK Princetown 345	44.0	500	501.0	2965
3226 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	13.3	327.8	333.2	2272
3226 >E	Gilboa 345kV Voltage	SBK Princetown 345	11.5	327.8	327.6	2965
3226 >E	Gilboa 345kV Voltage	SBK Edic R70	11.7	327.8	327.6	3267
3230 >E	Buchanan South 345kV Voltage	Ravenswood 3	19.2	327.8	335.9	3314
3233 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	13.5	327.8	332.9	2171
3234 >E	Clay 345kV Voltage	Volney-Marcy	12.3	327.8	331.0	3146
3236 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	45.0	500	500.8	3187
3242 >E	Buchanan South 345kV Voltage	SBK Edic R945	13.4	327.8	335.2	2280
3243 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	13.5	327.8	335.2	2280
3244 >E	Ramapo 500kV Voltage	Marcy South S.	40.4	500	504.6	3647
3244 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	11.3	327.8	330.9	2281
3245 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	11.3	327.8	330.9	2280
3245 >E	Clay 345kV Voltage	SBK Marcy R3108	13.9	327.8	330.1	3077
3246 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	24.9	218.5	222.8	3078
3248 >E	Clay 345kV Voltage	Ravenswood 3	12.2	327.8	329.9	3330
3248 >E	Niagara 230kV East Voltage	Marcy South S.	16.9	218.5	218.8	3648

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3248 >E	Niagara 230kV West Voltage	Marcy South S.	16.9	218.5	218.8	3648
3250 >E	Roseton 345kV Voltage	Ph2 DC 1500	11.5	327.8	337.5	3373
3250 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	13.8	327.8	334.9	2175
3252 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	11.5	327.8	330.4	2176
3253 >E	Ramapo 500kV Voltage	SBK Edic R70	47.1	500	500.4	3294
3256 >E	Ramapo 345kV Voltage	Ph2 DC 1500	14.0	327.8	336.5	3375
3258 >E	St.Lawrence 230kV Voltage	Marcy South S.	23.0	218.5	220.9	3652
3260 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	48.6	500	500.3	3216
3261 >E	Clay 345kV Voltage	SBK Princetown 345	12.5	327.8	328.9	2996
3266 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	14.5	327.8	329.9	3000
3267 >E	Ramapo 500kV Voltage	Volney-Marcy	51.7	500	500.1	3176
3268 >E	Ladentown 345kV Voltage	Ph2 DC 1500	13.6	327.8	337.2	3379
3269 >E	Roseton 345kV Voltage	SBK Edic R945	11.8	327.8	335.7	2292
3270 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	14.6	327.8	329.7	3221
3270 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	50.2	500	500.1	3257
3270 >E	Leeds 345kV Voltage	Marcy South N.	14.6	327.8	352.5	3832
3270 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	11.9	327.8	335.7	2291
3273 >E	Rock Tavern 345kV Voltage	SBK Edic R70	14.8	327.8	329.5	3315
3275 >E	Ramapo 500kV Voltage	Pre-Fault	51.0	NA	500	3275
3276 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	13.2	327.8	327.8	3231
3276 >E	Clay 345kV Voltage	N.Scot-Leeds 345	13.2	327.8	327.8	3226
3276 >E	Clay 345kV Voltage	Princetown-N.Scot 345	13.2	327.8	327.8	3263
3277 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	16.6	327.8	332.8	3358
3277 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	12.1	327.8	335.3	2181
3279 >E	Bowline 2 345kV Voltage	SBK Edic R945	12.4	327.8	339.7	2296
3281 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	12.5	327.8	339.6	2296
3282 >E	Ramapo 345kV Voltage	SBK Edic R945	15.5	327.8	340.9	2297
3285 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	15.6	327.8	340.9	2297
3285 >E	Gilboa 345kV Voltage	Marcy South N.	18.2	327.8	343.9	3832
3285 >E	Ladentown 345kV Voltage	SBK Edic R945	14.2	327.8	339.9	2299
3287 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	14.3	327.8	339.8	2298
3288 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	12.8	327.8	339.3	2184
3288 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	15.5	327.8	328.5	3244
3290 >E	Bowline 2 345kV Voltage	Ravenswood 3	15.7	327.8	335.8	3370
3291 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	13.7	327.8	337.8	3386
3294 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	16.0	327.8	340.7	2185
3295 >E	St.Lawrence 230kV Voltage	Volney-Marcy	29.5	218.5	221.5	3201
3295 >E	Ramapo 345kV Voltage	Ravenswood 3	19.5	327.8	335.4	3375

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\EF24-40_3822_OP\Sum2023_CEVC_PH2_50_EF24-40_3822_OP.xlsx

1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3296 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	14.6	327.8	339.5	2185
3296 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	13.6	327.8	337.9	3387
3296 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	16.0	327.8	328.0	3283
3297 >E	Clay 345kV Voltage	SBK Edic R70	13.9	327.8	326.2	3338
3300 >E	Ladentown 345kV Voltage	Ravenswood 3	18.7	327.8	336.0	3379
3309 >E	Ramapo 500kV Voltage	SBK Marcy R3108	60.6	500	499.3	3130
3310 >E	Leeds 345kV Voltage	Volney-Marcy	12.0	327.8	327.8	3214
3310 >E	Leeds 345kV Voltage	SBK Marcy R3108	12.0	327.8	327.8	3131
3310 >E	Leeds 345kV Voltage	SBK Edic R70	12.0	327.8	327.8	3352
3310 >E	Leeds 345kV Voltage	SBK Princetown 345	12.0	327.8	327.8	3038
3310 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	12.0	327.8	327.8	3265
3310 >E	Leeds 345kV Voltage	Ravenswood 3	12.0	327.8	327.8	3388
3310 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	12.0	327.8	327.8	3296
3310 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	12.0	327.8	327.8	3260
3310 >E	Millwood 345kV Voltage	Marcy South S.	19.4	327.8	334.1	3670
3314 >E	Dunwoodie 345kV Voltage	Marcy South S.	22.9	327.8	333.0	3671
3318 >E	Sprain Brook 345kV Voltage	Marcy South S.	22.9	327.8	333.0	3673
3321 >E	Rock Tavern 345kV Voltage	Volney-Marcy	17.2	327.8	326.5	3225
3329 >E	Bowline 1 345kV Voltage	SBK Edic R945	15.2	327.8	341.7	2318
3332 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	15.4	327.8	341.6	2318
3340 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	25.0	327.8	328.7	3290
3342 >E	Pannell Road 345kV Voltage	Ravenswood 3	19.9	327.8	330.3	3418
3342 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	15.7	327.8	341.4	2196
3344 >E	Roseton 345kV Voltage	Ravenswood 3	17.5	327.8	334.2	3420
3346 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	17.7	327.8	329.0	3296
3348 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	22.8	327.8	329.0	3297
3349 >E	Dunwoodie 345kV Voltage	SBK Edic R70	25.6	327.8	328.4	3391
3355 >E	Buchanan North 345kV Voltage	SBK Princetown 345	23.0	327.8	328.7	3077
3357 >E	Buchanan North 345kV Voltage	SBK Edic R70	23.4	327.8	328.7	3399
3357 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	26.2	327.8	328.7	3306
3357 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	25.4	327.8	328.0	3079
3359 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	26.1	327.8	328.0	3314
3359 >E	Pannell Road 345kV Voltage	Volney-Marcy	20.7	327.8	329.5	3259
3360 >E	St.Lawrence 230kV Voltage	Ravenswood 3	35.3	218.5	219.9	3435
3361 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	18.2	327.8	328.2	3404
3362 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	22.3	327.8	328.9	3311
3362 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	26.4	327.8	327.9	3348
3365 >E	Sprain Brook 345kV Voltage	SBK Edic R70	26.8	327.8	328.4	3408
3368 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr	18.4	327.8	327.9	3323

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3368 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	18.5	327.8	327.8	3355
3368 >E	Somerset 345kV Voltage	Ph2 DC 1500	18.7	327.8	339.0	3410
3369 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr	24.0	327.8	328.2	3324
		345				
3369 >E	Bowline 1 345kV Voltage	Ravenswood 3	21.1	327.8	336.7	3444
3372 >E	Millwood 345kV Voltage	SBK Edic R70	22.8	327.8	328.5	3414
3373 >E	Station 80 345kV Voltage	Ravenswood 3	23.1	327.8	330.4	3448
3374 >E	Roseton 345kV Voltage	Marcy South S.	17.2	327.8	336.8	3692
3374 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	26.6	327.8	328.1	3094
3374 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	18.1	327.8	327.5	3094
3375 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	24.5	327.8	327.9	3362
3377 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr	27.3	327.8	328.0	3332
		345				
3379 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	18.8	327.8	327.2	3277
3379 >E	Millwood 345kV Voltage	SBK Princetown 345	22.6	327.8	328.2	3098
3380 >E	Dunwoodie 345kV Voltage	Volney-Marcy	27.4	327.8	327.2	3278
3380 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	27.7	327.8	327.9	3367
3382 >E	Buchanan South 345kV Voltage	Marcy South S.	20.4	327.8	333.2	3695
3382 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	20.1	327.8	322.7	3192
3383 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr	23.3	327.8	328.0	3337
		345				
3383 >E	Pannell Road 345kV Voltage	SBK Princetown 345	21.1	327.8	328.4	3102
3386 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	23.6	327.8	327.9	3373
3389 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	21.8	327.8	329.1	3338
3397 >E	Buchanan North 345kV Voltage	Volney-Marcy	25.7	327.8	327.1	3293
3397 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	21.8	327.8	327.8	3383
3397 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr	21.9	327.8	327.8	3352
		345				
3398 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	21.9	327.8	327.7	3347
3399 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	19.7	327.8	326.2	3206
3399 >E	Buchanan South 345kV Voltage	SBK Edic R70	22.3	327.8	328.7	3442
3400 >E	Sprain Brook 345kV Voltage	Volney-Marcy	28.8	327.8	327.2	3296
3401 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	24.0	327.8	327.6	3208
3402 >E	Buchanan South 345kV Voltage	SBK Princetown 345	22.0	327.8	328.5	3118
3405 >E	Station 80 345kV Voltage	Volney-Marcy	24.1	327.8	329.1	3300
3405 >E	Millwood 345kV Voltage	Volney-Marcy	24.5	327.8	327.1	3301
3407 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	38.1	218.5	218.7	3122
3408 >E	Somerset 345kV Voltage	SBK Edic R945	17.0	327.8	337.2	2352
3410 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	17.4	327.8	329.4	3358
3411 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr	22.8	327.8	328.1	3366

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3412 >E	Watercure 230kV Voltage	SBK Edic R945	18.4	207	229.0	2353
3412 >E	Pannell Road 345kV Voltage	SBK Edic R70	22.6	327.8	327.1	3455
3414 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	29.5	327.8	325.9	3218
3414 >E	Somerset 345kV Voltage	Marcy South N.	23.9	327.8	347.5	3833
3415 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	17.3	327.8	336.9	2353
3415 >E	Bowline 2 345kV Voltage	SBK Princetown 345	17.5	327.8	329.1	3129
3416 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	39.6	218.5	218.5	3402
3416 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	23.1	327.8	327.9	3403
3416 >E	Fraser 345kV Voltage	Marcy South N.	27.5	327.8	327.8	3833
3418 >E	Bowline 2 345kV Voltage	SBK Edic R70	17.7	327.8	329.0	3461
3418 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	39.7	218.5	218.4	3372
3419 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	39.8	218.5	218.4	3367
3424 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	18.9	207	228.9	2357
3428 >E	Station 80 345kV Voltage	SBK Princetown 345	24.5	327.8	328.2	3140
3430 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	18.1	327.8	328.3	3384
3436 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	18.4	327.8	328.0	3423
3437 >E	St.Lawrence 230kV Voltage	SBK Edic R70	41.8	218.5	218.0	3480
3437 >E	Buchanan South 345kV Voltage	Volney-Marcy	24.1	327.8	327.0	3330
3437 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	22.1	327.8	329.5	3385
3438 >E	Buchanan North 345kV Voltage	Marcy South S.	24.3	327.8	330.1	3715
3438 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	31.2	327.8	325.8	3238
3438 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	25.2	327.8	327.8	3425
3440 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	25.3	327.8	327.7	3394
3441 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	25.3	327.8	327.7	3388
3441 >E	Ramapo 345kV Voltage	SBK Princetown 345	22.2	327.8	329.4	3152
3441 >E	Pannell Road 345kV Voltage	Marcy South S.	24.1	327.8	333.7	3716
3442 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	18.5	327.8	335.9	2219
3443 >E	Millwood 345kV Voltage	SBK Marcy R3108	26.6	327.8	325.5	3243
3446 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	28.7	327.8	325.1	3245
3447 >E	Ramapo 345kV Voltage	SBK Edic R70	22.6	327.8	329.1	3491
3447 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	21.1	327.8	329.5	3395
3449 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	20.1	207	228.7	2220
3450 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	20.0	327.8	329.2	3397
3450 >E	Station 80 345kV Voltage	SBK Edic R70	25.9	327.8	327.3	3494
3454 >E	Ladentown 345kV Voltage	SBK Princetown 345	21.2	327.8	329.2	3163
3456 >E	Bowline 2 345kV Voltage	Volney-Marcy	19.1	327.8	326.9	3346
3457 >E	Ladentown 345kV Voltage	SBK Edic R70	21.5	327.8	329.1	3501

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3458 >E	Roseton 345kV Voltage	SBK Edic R70	20.4	327.8	328.8	3502
3460 >E	Roseton 345kV Voltage	SBK Princetown 345	20.2	327.8	328.8	3168
3461 >E	Station 80 345kV Voltage	SBK Marcy R3108	28.1	327.8	326.9	3258
3465 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	23.3	327.8	328.4	3419
3472 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	20.9	327.8	328.2	3425
3473 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	22.2	327.8	328.4	3427
3475 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	23.9	327.8	328.0	3461
3477 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	21.2	327.8	327.9	3464
3482 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	22.6	327.8	328.0	3468
3483 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	26.4	327.8	325.1	3276
3500 >E	Roseton 345kV Voltage	Volney-Marcy	22.1	327.8	326.9	3386
3502 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	21.0	327.8	324.4	3292
3505 >E	Ramapo 345kV Voltage	Volney-Marcy	25.2	327.8	326.8	3390
3509 >E	Ladentown 345kV Voltage	Volney-Marcy	23.7	327.8	326.8	3394
3516 >E	Bowline 2 345kV Voltage	Marcy South S.	19.6	327.8	330.0	3742
3517 >E	Watercure 230kV Voltage	Pre-Fault	28.1	NA	215	3517
3542 >E	Pleasant Valley 345kV Voltage	Marcy South N.	31.8	327.8	346.1	3834
3545 >E	Roseton 345kV Voltage	SBK Marcy R3108	23.9	327.8	324.8	3328
3550 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	24.3	327.8	329.9	3496
3558 >E	Ladentown 345kV Voltage	Marcy South S.	23.1	327.8	330.4	3757
3558 >E	Bowline 1 345kV Voltage	SBK Princetown 345	24.5	327.8	329.6	3254
3565 >E	Bowline 1 345kV Voltage	SBK Edic R70	24.9	327.8	329.3	3610
3574 >E	Ladentown 345kV Voltage	SBK Marcy R3108	26.6	327.8	324.0	3352
3579 >E	Ramapo 345kV Voltage	SBK Marcy R3108	28.8	327.8	323.7	3357
3587 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	25.8	327.8	328.5	3540
3600 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	26.4	327.8	328.0	3586
3602 >E	Somerset 345kV Voltage	Pre-Fault	44.1	NA	338	3602
3624 >E	Ramapo 345kV Voltage	Marcy South S.	26.4	327.8	328.4	3780
3625 >E	Watercure 230kV Voltage	Ph2 DC 1500	29.2	207	233.8	3488
3639 >E	Bowline 1 345kV Voltage	Volney-Marcy	28.0	327.8	326.6	3512
3642 >E	Rock Tavern 345kV Voltage	Marcy South S.	24.2	327.8	317.9	3787
3646 >E	Watercure 230kV Voltage	Ravenswood 3	25.4	207	210.4	3701
3659 >E	Bowline 1 345kV Voltage	Marcy South S.	25.6	327.8	331.2	3793
3675 >E	Watercure 230kV Voltage	Volney-Marcy	26.6	207	209.4	3545
3684 >E	Station 80 345kV Voltage	Marcy South S.	38.8	327.8	334.2	3801
3694 >E	Watercure 230kV Voltage	SBK Marcy R3108	27.7	207	208.7	3453
3715 >E	Watercure 230kV Voltage	SBK Princetown 345	27.4	207	208.0	3389

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3737 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	32.1	327.8	322.9	3488
3740 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	28.1	207	207.0	3691
3741 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	28.1	207	207.0	3727
3745 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	28.3	207	206.9	3687
3755 >E	Watercure 230kV Voltage	SBK Edic R70	28.6	207	206.5	3802
3875 >E	Watercure 230kV Voltage	Marcy South S.	32.7	207	206.2	3868
3882 >E	Somerset 345kV Voltage	Ravenswood 3	38.9	327.8	331.7	3922
3937 >E	Niagara 230kV East Voltage	Marcy South N.	78.9	218.5	229.7	3836
3937 >E	Niagara 230kV West Voltage	Marcy South N.	78.9	218.5	229.7	3836
3948 >E	Niagara 230kV East Voltage	Ph2 DC 1500	75.3	218.5	226.7	3587
3948 >E	Niagara 230kV West Voltage	Ph2 DC 1500	75.3	218.5	226.7	3587
3975 >E	Niagara 345kV Voltage	Ph2 DC 1500	36.2	327.8	342.1	3595
3979 >E	Niagara 230kV East Voltage	SBK Edic R945	73.2	218.5	225.2	2599
3979 >E	Niagara 230kV West Voltage	SBK Edic R945	73.2	218.5	225.2	2599
3980 >E	Millwood 345kV Voltage	Marcy South N.	56.7	327.8	342.1	3837
3981 >E	Coopers Corners 345kV Voltage	Marcy South S.	27.5	327.8	242.7	3906
4003 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	75.0	218.5	225.0	2605
4003 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	75.0	218.5	225.0	2605
4007 >E	Somerset 345kV Voltage	Volney-Marcy	42.5	327.8	328.8	3845
4035 >E	Niagara 345kV Voltage	SBK Edic R945	34.0	327.8	340.3	2623
4040 >E	Somerset 345kV Voltage	SBK Princetown 345	43.5	327.8	328.1	3671
4049 >E	Roseton 345kV Voltage	Marcy South N.	45.7	327.8	346.0	3837
4053 >E	Sprain Brook 345kV Voltage	Marcy South N.	69.5	327.8	340.2	3837
4054 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	44.2	327.8	327.8	4039
4055 >E	Dunwoodie 345kV Voltage	Marcy South N.	70.2	327.8	340.3	3837
4056 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	34.7	327.8	339.9	2628
4059 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	44.4	327.8	327.6	4007
4062 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	44.5	327.8	327.6	3999
4062 >E	Somerset 345kV Voltage	SBK Edic R70	44.9	327.8	327.6	4113
4068 >E	Buchanan North 345kV Voltage	Marcy South N.	60.6	327.8	338.8	3837
4075 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	80.7	218.5	224.5	2361
4075 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	80.7	218.5	224.5	2361
4103 >E	Buchanan South 345kV Voltage	Marcy South N.	57.0	327.8	342.2	3837
4105 >E	Niagara 345kV Voltage	Marcy South N.	42.6	327.8	350.8	3837
4118 >E	Coopers Corners 345kV Voltage	Marcy South N.	45.2	327.8	315.5	3838
4120 >E	Rainey 345kV Voltage	Ravenswood 3	58.7	327.8	342.4	4143
4126 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	37.2	327.8	338.6	2373
4141 >E	Rainey 345kV Voltage	Ph2 DC 1500	44.7	327.8	336.5	3646
4151 >E	Farragut 345kV Voltage	Ph2 DC 1500	45.9	327.8	336.3	3649

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4192 >E	Farragut 345kV Voltage	Ravenswood 3	61.9	327.8	341.7	4210
4206 >E	Somerset 345kV Voltage	SBK Marcy R3108	50.9	327.8	324.3	3881
4265 >E	Rainey 345kV Voltage	SBK Edic R945	48.7	327.8	335.7	2722
4271 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	49.0	327.8	335.6	2720
4286 >E	Gardenville 230kV Voltage	Marcy South N.	58.4	207	229.3	3839
4289 >E	Farragut 345kV Voltage	SBK Edic R945	50.7	327.8	335.6	2732
4295 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	50.9	327.8	335.5	2730
4298 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	49.9	327.8	335.3	2412
4322 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	51.9	327.8	335.2	2417
4433 >E	Ladentown 345kV Voltage	Marcy South N.	60.6	327.8	342.3	3840
4453 >E	Niagara 230kV East Voltage	Pre-Fault	208.5	NA	225	4453
4453 >E	Niagara 230kV West Voltage	Pre-Fault	208.5	NA	225	4453
4455 >E	Rock Tavern 345kV Voltage	Marcy South N.	59.7	327.8	336.5	3840
4455 >E	Ramapo 345kV Voltage	Marcy South N.	64.1	327.8	340.6	3840
4455 >E	Gardenville 230kV Voltage	Marcy South S.	54.9	207	210.3	4073
4540 >E	Bowline 1 345kV Voltage	Marcy South N.	61.0	327.8	343.2	3840
4564 >E	Bowline 2 345kV Voltage	Marcy South N.	60.8	327.8	343.5	3840
4565 >E	Goethals 345kV Voltage	Ph2 DC 1500	62.7	327.8	336.0	3776
4566 >E	Rainey 345kV Voltage	Pre-Fault	101.3	NA	338	4566
4588 >E	Farragut 345kV Voltage	Pre-Fault	106.0	NA	338	4588
4723 >E	Goethals 345kV Voltage	Ravenswood 3	82.9	327.8	341.2	4705
4757 >E	Goethals 345kV Voltage	SBK Edic R945	69.5	327.8	335.7	2934
4765 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	69.8	327.8	335.6	2931
4765 >E	Niagara 345kV Voltage	Pre-Fault	87.4	NA	338	4765
4799 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	71.1	327.8	335.2	2525
5022 >E	Rainey 345kV Voltage	Marcy South S.	78.7	327.8	336.9	4272
5033 >E	Niagara 230kV East Voltage	Ravenswood 3	156.2	218.5	222.2	4994
5033 >E	Niagara 230kV West Voltage	Ravenswood 3	156.2	218.5	222.2	4994
5079 >E	Farragut 345kV Voltage	Marcy South S.	82.5	327.8	336.8	4292
5147 >E	Niagara 345kV Voltage	Ravenswood 3	72.7	327.8	333.6	5100
5192 >E	Goethals 345kV Voltage	Pre-Fault	147.3	NA	338	5192
5417 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	94.3	327.8	329.6	5331
5474 >E	Rainey 345kV Voltage	SBK Princetown 345	96.0	327.8	329.0	4915
5482 >E	Rainey 345kV Voltage	SBK Edic R70	96.8	327.8	329.0	5549
5483 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	98.7	327.8	329.6	5395
5537 >E	Niagara 345kV Voltage	Volney-Marcy	83.4	327.8	329.2	5229
5541 >E	Farragut 345kV Voltage	SBK Princetown 345	100.5	327.8	329.0	4973
5546 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	99.1	327.8	328.3	5479
5550 >E	Farragut 345kV Voltage	SBK Edic R70	101.3	327.8	328.9	5618
5582 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	100.6	327.8	328.0	5562

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5603 >E	Niagara 230kV East Voltage	Volney-Marcy	193.2	218.5	219.5	5289
5603 >E	Niagara 230kV West Voltage	Volney-Marcy	193.2	218.5	219.5	5289
5617 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	103.9	327.8	328.3	5549
5636 >E	Niagara 345kV Voltage	SBK Princetown 345	86.6	327.8	328.0	5055
5653 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	105.4	327.8	328.0	5633
5659 >E	Niagara 345kV Voltage	SBK Edic R70	88.0	327.8	327.8	5728
5664 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	87.6	327.8	327.7	5643
5679 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	88.1	327.8	327.6	5610
5690 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	88.5	327.8	327.4	5598
5700 >E	Rainey 345kV Voltage	Volney-Marcy	105.0	327.8	326.8	5377
5754 >E	Niagara 230kV East Voltage	SBK Edic R70	206.0	218.5	218.8	5824
5754 >E	Niagara 230kV West Voltage	SBK Edic R70	206.0	218.5	218.8	5824
5765 >E	Gardenville 230kV Voltage	SBK Edic R945	106.4	207	234.2	3370
5774 >E	Niagara 230kV East Voltage	SBK Princetown 345	206.0	218.5	218.7	5174
5774 >E	Niagara 230kV West Voltage	SBK Princetown 345	206.0	218.5	218.7	5174
5777 >E	Farragut 345kV Voltage	Volney-Marcy	110.1	327.8	326.8	5446
5817 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	209.2	218.5	218.5	5796
5817 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	209.2	218.5	218.5	5796
5836 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	210.6	218.5	218.4	5766
5836 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	210.6	218.5	218.4	5766
5850 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	211.7	218.5	218.3	5755
5850 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	211.7	218.5	218.3	5755
5853 >E	Goethals 345kV Voltage	Marcy South S.	113.7	327.8	336.6	4564
5906 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	111.9	207	234.2	3420
5965 >E	Rainey 345kV Voltage	SBK Marcy R3108	115.1	327.8	324.2	5354
6050 >E	Farragut 345kV Voltage	SBK Marcy R3108	120.7	327.8	324.2	5426
6115 >E	Gardenville 230kV Voltage	Ph2 DC 1500	120.8	207	237.1	4250
6199 >E	Niagara 345kV Voltage	SBK Marcy R3108	104.9	327.8	321.6	5550
6345 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	128.8	207	234.2	2874
6432 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	136.9	327.8	329.6	6327
6505 >E	Goethals 345kV Voltage	SBK Princetown 345	139.3	327.8	329.1	5808
6528 >E	Goethals 345kV Voltage	SBK Edic R70	140.7	327.8	328.9	6607
6565 >E	Niagara 230kV East Voltage	SBK Marcy R3108	263.9	218.5	214.9	5857
6565 >E	Niagara 230kV West Voltage	SBK Marcy R3108	263.9	218.5	214.9	5857
6618 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	144.2	327.8	328.3	6540
6670 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	146.3	327.8	328.0	6646

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1710 50 EF24-40_3822_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6836 >E	Goethals 345kV Voltage	Volney-Marcy	152.7	327.8	326.8	6404
7209 >E	Goethals 345kV Voltage	SBK Marcy R3108	167.3	327.8	324.3	6396
7566 >E	Northport 138kV Voltage	Ph2 DC 1500	360.2	131.1	135.5	4693
8534 >E	Rainey 345kV Voltage	Marcy South N.	212.4	327.8	348.4	3865
8590 >E	Farragut 345kV Voltage	Marcy South N.	218.7	327.8	348.0	3865
9167 >E	Northport 138kV Voltage	Pre-Fault	694.4	NA	135	9167
10015 >E	Northport 138kV Voltage	Marcy South S.	552.8	131.1	134.7	6027
10037 >E	Northport 138kV Voltage	Ravenswood 3	564.0	131.1	133.7	9656
10441 >E	Goethals 345kV Voltage	Marcy South N.	293.4	327.8	348.5	3876
11391 >E	Northport 138kV Voltage	N.Scot-Leeds 345	656.7	131.1	131.8	11199
11544 >E	Northport 138kV Voltage	SBK Princetown 345	667.8	131.1	131.6	10177
11560 >E	Northport 138kV Voltage	SBK Edic R70	669.8	131.1	131.6	11698
11724 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	682.4	131.1	131.3	11593
11833 >E	Northport 138kV Voltage	Princetown-N.Scot 345	691.1	131.1	131.2	11794
12143 >E	Northport 138kV Voltage	Volney-Marcy	714.9	131.1	130.7	11206
12825 >E	Northport 138kV Voltage	SBK Marcy R3108	767.9	131.1	129.7	11099
16012 >E	Gardenville 230kV Voltage	Ravenswood 3	492.0	207	231.1	15222
35442 >E	Northport 138kV Voltage	Marcy South N.	2558.4	131.1	143.2	4030
44115 >E	Gardenville 230kV Voltage	Volney-Marcy	1543.9	207	225.2	40132
76914 >E	Gardenville 230kV Voltage	SBK Princetown 345	2773.1	207	218.3	66853
83297 >E	Gardenville 230kV Voltage	Pre-Fault	4784.4	NA	217	83297
99998 >E	Gardenville 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

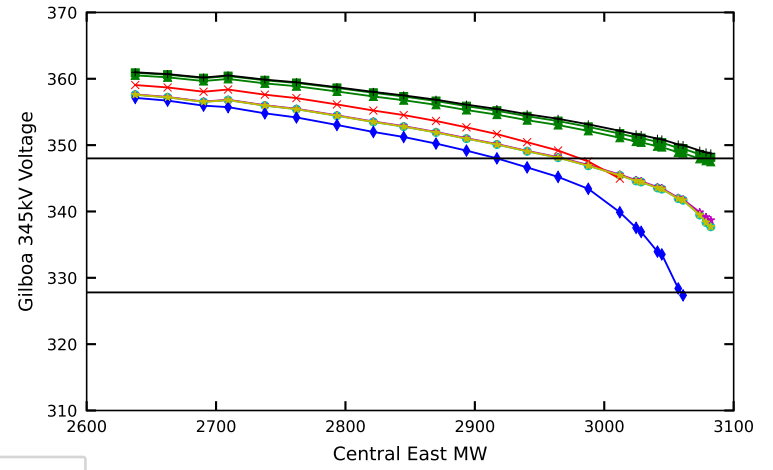
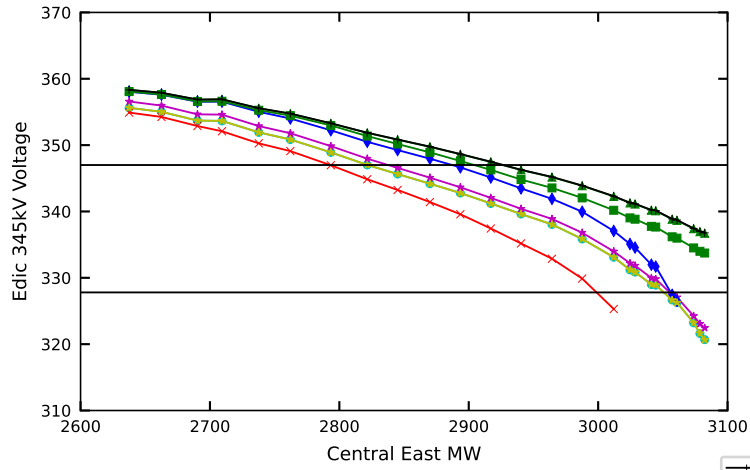
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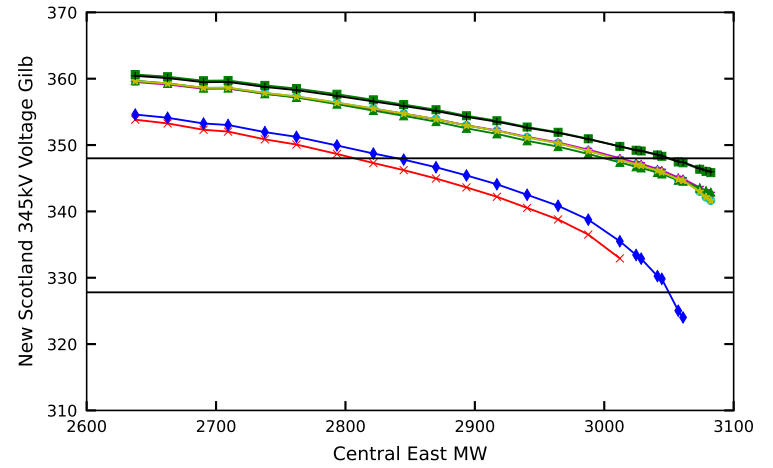
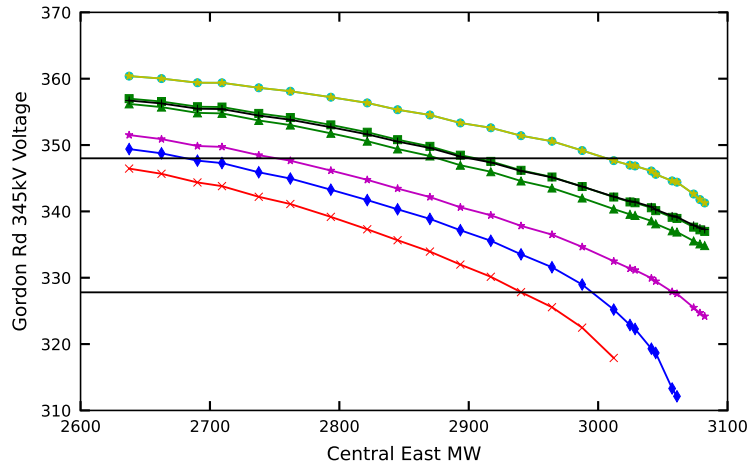
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				<-Post->	<-Pre->	
>E						
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>E						
99998	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
>E						
99998	Somerset 345kV Voltage	Marcy South S.	NA	327.8	NA	99998
>E						
99999	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99999
>E						
99999	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99999
>E						
99999	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99999
>E						
99999	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99999
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Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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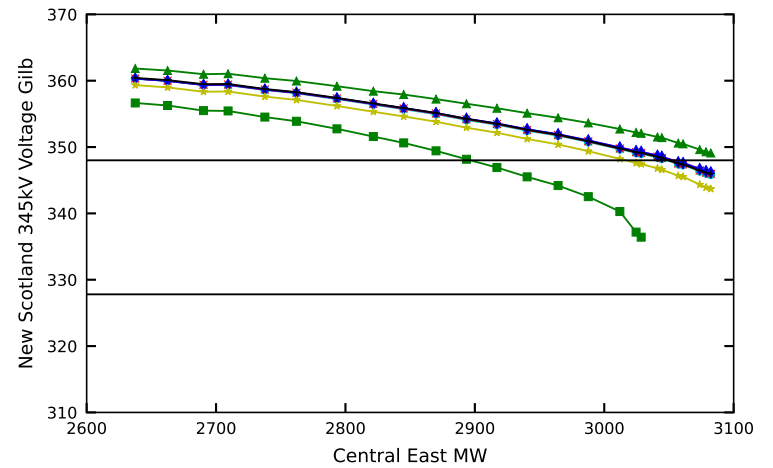
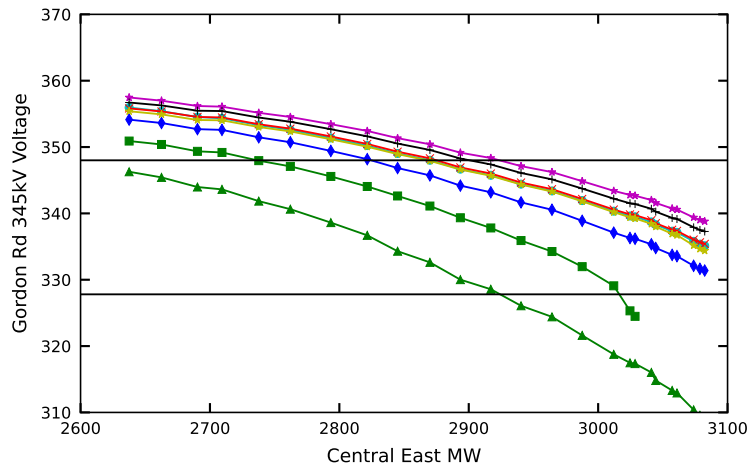
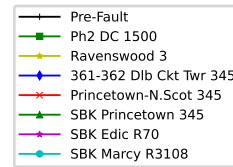
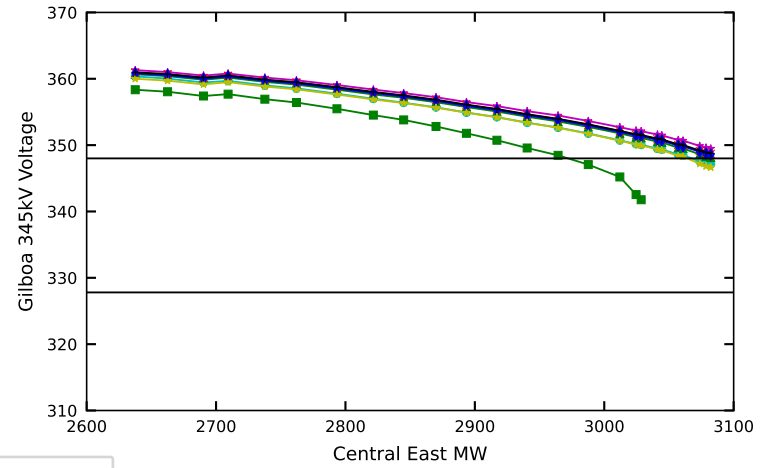
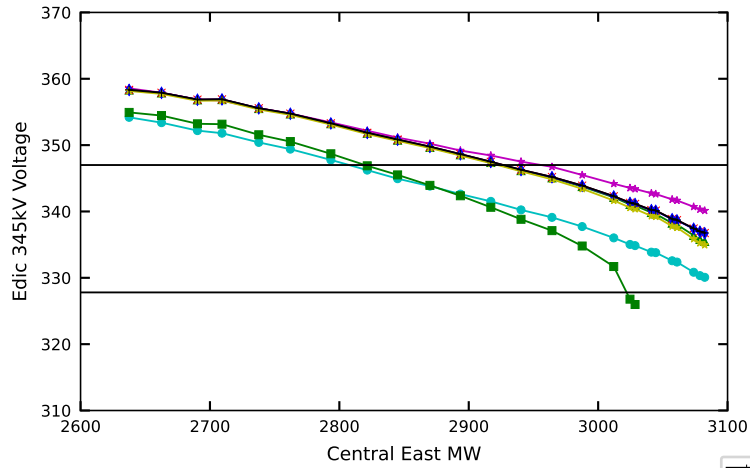
1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS Figure 1



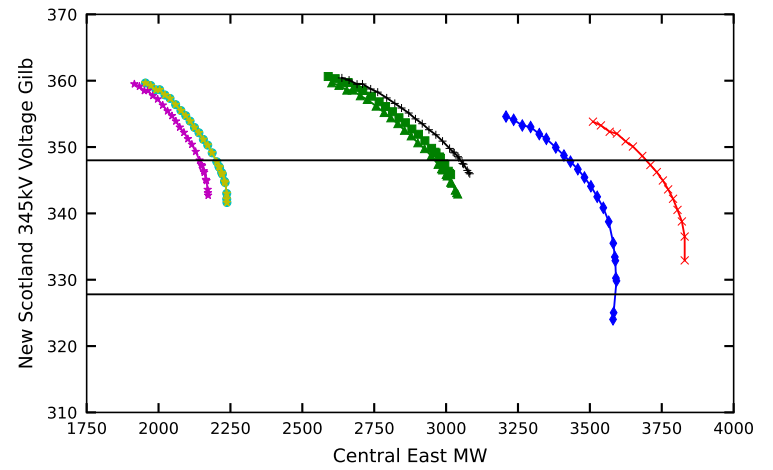
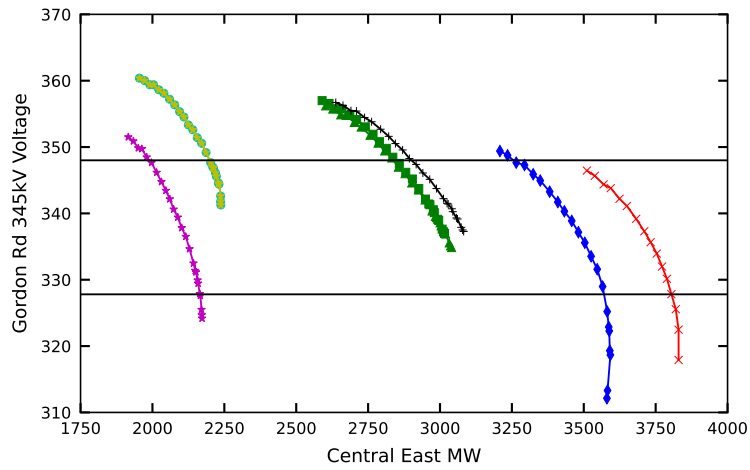
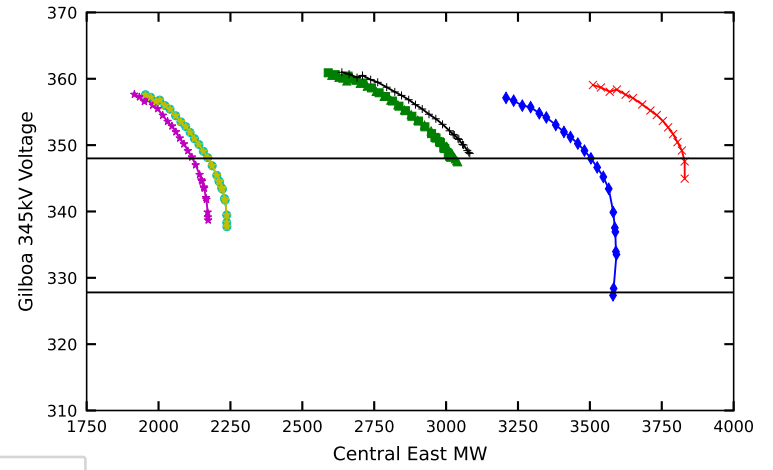
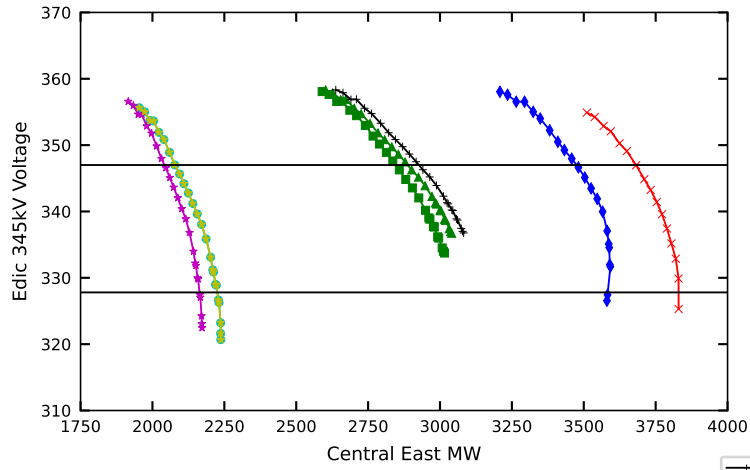
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS Figure 2

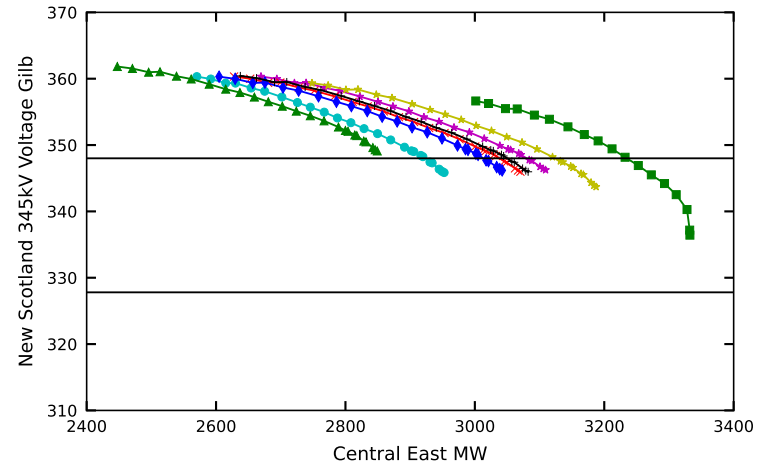
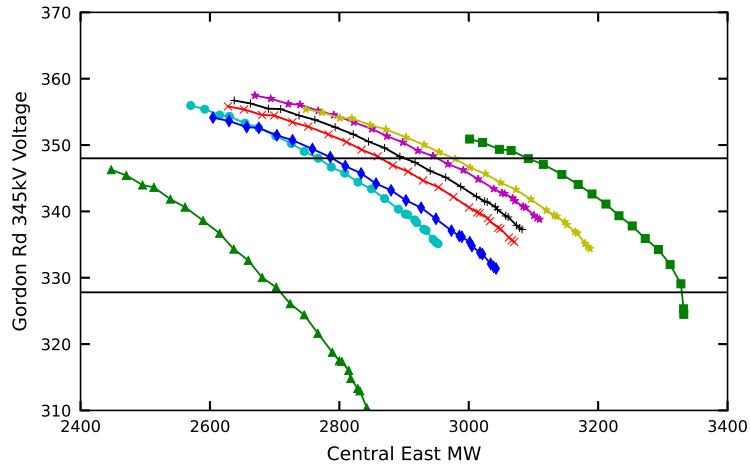
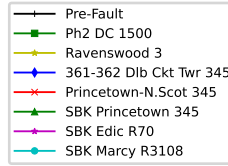
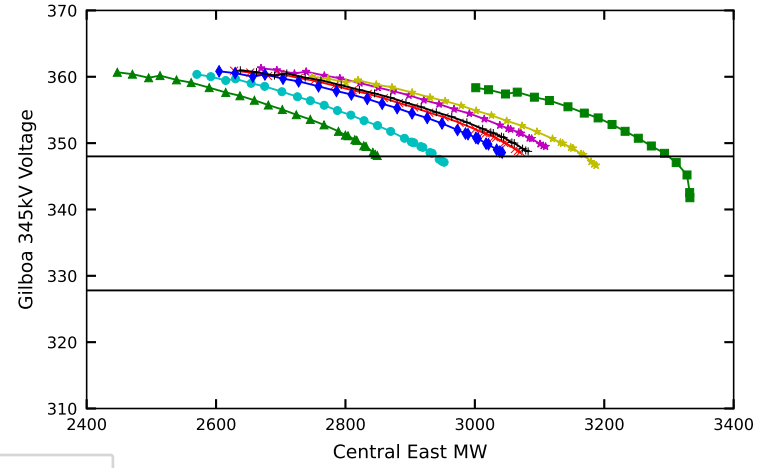
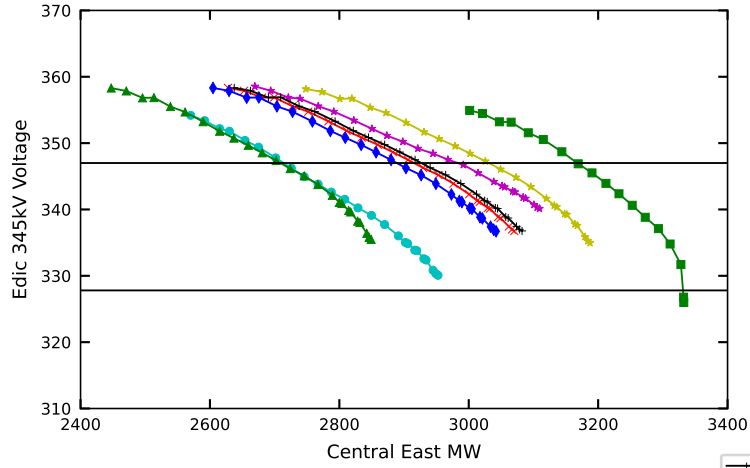


1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS Figure 1



- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345

1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2637	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2662	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2690	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2709	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2737	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2762	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2793	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2821	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2845	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2869	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2893	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2917	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2940	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2964	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2987	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
3012	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
3024	t1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	7															
3028	t1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	8															
3041	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	9															
3044	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	0															
3057	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	1															
3060	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	2															
3073	t2	0	0	0	0	2	1	0	0	0	0	0	0	0	0	2
	3															
3078	t2	0	0	0	0	2	1	0	0	0	0	0	0	0	0	2
	4															
3082	t2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-20-2023 08:58

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\F_SVC_OS\Sum2023_CEVC_PH2_50_F_SVC_OS.xlsx

1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

Interface: Central East

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1873 >E	Dunwoodie 345kV Voltage	Pre-Fault	275.3	NA	348	1873
1944 >E	Sprain Brook 345kV Voltage	Pre-Fault	265.1	NA	348	1944
2861	limit with 5% margin	Marcy South N.	NA	NA	NA	3638
2877	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3165
2892	limit with 5% margin	Marcy South S.	NA	NA	NA	3412
2900	Gordon Rd 345kV Voltage	Pre-Fault	26.4	NA	348	2900
2905	Marcy 345kV Voltage	Pre-Fault	20.0	NA	348	2905
2907	Millwood 345kV Voltage	Pre-Fault	109.9	NA	348	2907
2920	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2125
2920	limit with 5% margin	SBK Edic R945	NA	NA	NA	2125
2924	Gordon Rd 345kV Voltage	SBK Princetown 345	9.4	327.8	347.0	2709
2926	Edic 345kV Voltage	Pre-Fault	19.3	NA	347	2926
2928	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2063
2928	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2888
2928	limit with 5% margin	Volney-Marcy	NA	NA	NA	2864
2928	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2804
2928	limit with 5% margin	SBK Edic R70	NA	NA	NA	2953
2928	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2706
2928	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2916
2928	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2890
2928	limit with 5% margin	Ravenswood 3	NA	NA	NA	3027
2940	Gordon Rd 345kV Voltage	Marcy South N.	10.5	327.8	346.1	3804
2995	Gordon Rd 345kV Voltage	Marcy South S.	6.5	327.8	343.3	3570
2997	Buchanan North 345kV Voltage	Pre-Fault	67.3	NA	346	2997
2998	Edic 345kV Voltage	Marcy South N.	5.3	327.8	343.2	3829
2999	Marcy 345kV Voltage	Marcy South N.	5.3	327.8	343.0	3829
3009	Oakdale 345kV Voltage	Marcy South N.	4.9	320	347.5	3829
3016	Gordon Rd 345kV Voltage	Ph2 DC 1500	3.3	327.8	342.0	3329
3022	Edic 345kV Voltage	Ph2 DC 1500	2.6	327.8	341.5	3331
3022	Marcy 345kV Voltage	Ph2 DC 1500	2.5	327.8	341.4	3331
3022	Fraser 345kV Voltage	SBK Edic R945	6.6	327.8	345.9	2208
3022	Fraser 345kV Voltage	Edic-Gordon Rd. 345	6.6	327.8	345.9	2208
3026	Fraser 345kV Voltage	Marcy-N.Scot99 345	10.7	327.8	345.6	2150
3033	Coopers Corners 345kV Voltage	SBK Edic R945	7.9	327.8	343.3	2215
3033	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	7.9	327.8	343.3	2215
3037	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	7.9	327.8	343.1	2155
3040 >E	Fraser 345kV Voltage	Ph2 DC 1500	4.6	327.8	345.0	3333
3040 >E	Ramapo 500kV Voltage	Ph2 DC 1500	13.1	500	508.2	3333
3046	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.6	327.8	339.8	2223
3046	Marcy 345kV Voltage	SBK Edic R945	5.5	327.8	339.8	2223

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3046 >E	New Scotland 345kV Voltage Alps	Marcy South N.	6.8	327.8	348.2	3829
3046 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	6.8	327.8	348.2	3829
3049	New Scotland 345kV Voltage Alps	Pre-Fault	15.4	NA	348	3049
3049	New Scotland 345kV Voltage Gilb	Pre-Fault	15.4	NA	348	3049
3050	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.7	327.8	339.5	2225
3050	Edic 345kV Voltage	SBK Edic R945	5.6	327.8	339.5	2225
3055	Edic 345kV Voltage	Marcy-N.Scot99 345	5.3	327.8	339.1	2163
3058	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	12.8	327.8	339.3	2165
3061 >E	New Scotland 345kV Voltage Alps	Marcy South S.	8.2	327.8	347.4	3602
3061 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	8.2	327.8	347.4	3602
3062	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.6	327.8	338.4	2166
3063 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	6.1	327.8	342.7	3335
3073 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	5.2	327.8	347.8	3335
3073 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	5.2	327.8	347.8	3335
3074 >E	Fraser 345kV Voltage	Marcy South N.	6.4	327.8	342.1	3830
3079	Rock Tavern 345kV Voltage	Pre-Fault	24.5	NA	348	3079
3082 >E	Oakdale 345kV Voltage	SBK Edic R945	3.9	320	340.1	2240
3082 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.9	320	340.1	2240
3082 >E	Fraser 345kV Voltage	Marcy South S.	8.2	327.8	343.0	3614
3086 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.0	320	342.2	3336
3088 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	6.7	320	340.2	2174
3090 >E	Gilboa 345kV Voltage	Marcy South S.	8.1	327.8	349.3	3619
3090 >E	Edic 345kV Voltage	Marcy South S.	11.9	327.8	338.9	3619
3093 >E	Marcy 345kV Voltage	Marcy South S.	11.8	327.8	338.7	3621
3099 >E	Gilboa 345kV Voltage	Ph2 DC 1500	5.1	327.8	349.8	3337
3101 >E	Gilboa 345kV Voltage	Pre-Fault	25.4	NA	348	3101
3104 >E	Pleasant Valley 345kV Voltage	Pre-Fault	51.5	NA	348	3104
3107 >E	Clay 345kV Voltage	Marcy South N.	8.0	327.8	349.8	3830
3109 >E	Coopers Corners 345kV Voltage	Pre-Fault	14.8	NA	338	3109
3114 >E	Edic 345kV Voltage	SBK Marcy R3108	14.3	327.8	334.8	2982
3123 >E	Fraser 345kV Voltage	Pre-Fault	15.8	NA	338	3123
3133 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	14.3	327.8	334.2	3092
3139 >E	Buchanan South 345kV Voltage	Pre-Fault	59.0	NA	346	3139
3140 >E	Gilboa 345kV Voltage	SBK Edic R945	5.8	327.8	344.8	2266
3140 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	5.8	327.8	344.8	2266
3151 >E	Clay 345kV Voltage	Ph2 DC 1500	7.8	327.8	349.9	3342
3160 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	22.4	500	506.0	2193
3163 >E	Station 80 345kV Voltage	Pre-Fault	41.5	NA	346	3163
3164 >E	Clay 345kV Voltage	SBK Edic R945	6.8	327.8	346.3	2276
3164 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	346.3	2276

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3165 >E	Edic 345kV Voltage	Volney-Marcy	14.1	327.8	331.6	3095
3166 >E	Marcy 345kV Voltage	Volney-Marcy	13.9	327.8	331.4	3095
3168 >E	Coopers Corners 345kV Voltage	Ravenswood 3	13.1	327.8	334.0	3267
3169 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	8.0	327.8	345.3	2196
3172 >E	Edic 345kV Voltage	Ravenswood 3	12.6	327.8	331.2	3270
3172 >E	Gordon Rd 345kV Voltage	Ravenswood 3	13.7	327.8	331.8	3270
3172 >E	Marcy 345kV Voltage	Ravenswood 3	12.5	327.8	331.0	3270
3173 >E	Gilboa 345kV Voltage	Marcy South N.	9.4	327.8	345.7	3830
3173 >E	Marcy 345kV Voltage	SBK Princetown 345	11.9	327.8	330.9	2927
3173 >E	Edic 345kV Voltage	SBK Princetown 345	11.9	327.8	331.1	2928
3175 >E	Pannell Road 345kV Voltage	Marcy South N.	11.2	327.8	344.4	3830
3178 >E	Leeds 345kV Voltage	Ph2 DC 1500	6.5	327.8	354.1	3344
3180 >E	Gordon Rd 345kV Voltage	SBK Edic R945	7.2	327.8	327.5	2284
3180 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	7.2	327.8	327.5	2284
3181 >E	Pannell Road 345kV Voltage	Pre-Fault	36.6	NA	346	3181
3182 >E	Ramapo 500kV Voltage	Ravenswood 3	36.3	500	505.5	3280
3185 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	14.6	327.8	331.0	3142
3186 >E	Ramapo 500kV Voltage	SBK Edic R945	28.8	500	507.7	2286
3186 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	28.8	500	507.7	2286
3187 >E	Oakdale 345kV Voltage	Pre-Fault	19.0	NA	335	3187
3190 >E	Rock Tavern 345kV Voltage	SBK Edic R945	8.8	327.8	342.3	2288
3190 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	8.8	327.8	342.3	2288
3190 >E	Fraser 345kV Voltage	Ravenswood 3	13.0	327.8	333.8	3287
3190 >E	Fraser 345kV Voltage	SBK Marcy R3108	14.0	327.8	333.8	3052
3192 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	7.8	327.8	337.9	2289
3192 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	7.8	327.8	337.9	2289
3192 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	7.8	327.8	337.9	2289
3192 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	7.8	327.8	337.9	2289
3194 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	15.3	327.8	330.5	3056
3195 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	19.7	218.5	229.4	3345
3199 >E	Station 80 345kV Voltage	Marcy South N.	12.2	327.8	342.2	3830
3200 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	15.5	327.8	330.1	3187
3201 >E	Fraser 345kV Voltage	SBK Princetown 345	13.0	327.8	333.1	2951
3205 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	10.2	327.8	348.2	3346
3206 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	9.6	327.8	346.4	2206
3211 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	14.3	327.8	331.1	2960
3219 >E	Leeds 345kV Voltage	Marcy South S.	11.5	327.8	351.4	3694
3223 >E	Leeds 345kV Voltage	Marcy South N.	9.6	327.8	351.4	3831
3223 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	16.1	327.8	327.8	3180
3223 >E	Marcy 345kV Voltage	SBK Marcy R3108	16.1	327.8	327.8	3083
3223 >E	Marcy 345kV Voltage	SBK Edic R70	16.1	327.8	327.8	3251

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3223 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	16.1	327.8	327.8	3210
3223 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	16.1	327.8	327.8	3182
3224 >E	Ramapo 345kV Voltage	Pre-Fault	49.0	NA	346	3224
3224 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	14.1	327.8	344.2	3347
3224 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	10.9	327.8	348.0	3347
3226 >E	Edic 345kV Voltage	N.Scot-Leeds 345	16.1	327.8	327.9	3182
3226 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	16.1	327.8	327.9	3184
3226 >E	Edic 345kV Voltage	Princetown-N.Scot 345	16.2	327.8	327.8	3214
3227 >E	Gordon Rd 345kV Voltage	Volney-Marcy	15.8	327.8	328.5	3154
3231 >E	St.Lawrence 230kV Voltage	SBK Edic R945	17.2	218.5	226.1	2306
3231 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	17.2	218.5	226.1	2306
3233 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	10.1	327.8	338.5	2213
3233 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	10.1	327.8	338.5	2213
3240 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	13.0	327.8	346.5	3348
3242 >E	Fraser 345kV Voltage	Volney-Marcy	14.7	327.8	330.4	3168
3243 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	14.5	327.8	328.9	3200
3246 >E	Ramapo 500kV Voltage	Marcy South S.	30.7	500	504.9	3710
3246 >E	Clay 345kV Voltage	Pre-Fault	29.8	NA	345	3246
3249 >E	Coopers Corners 345kV Voltage	Volney-Marcy	14.3	327.8	328.6	3174
3250 >E	St.Lawrence 230kV Voltage	Marcy South N.	22.6	218.5	227.2	3831
3252 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	14.7	327.8	328.4	3210
3255 >E	Pannell Road 345kV Voltage	SBK Edic R945	11.6	327.8	342.9	2316
3255 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	11.6	327.8	342.9	2316
3255 >E	Millwood 345kV Voltage	Ph2 DC 1500	14.5	327.8	345.3	3350
3257 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	14.8	327.8	328.0	3244
3261 >E	Coopers Corners 345kV Voltage	SBK Edic R70	15.1	327.8	327.8	3289
3261 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	15.3	327.8	329.3	3217
3263 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	14.0	327.8	346.7	3350
3265 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	14.2	327.8	340.4	2222
3266 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	17.2	327.8	343.0	3351
3267 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	14.7	327.8	327.3	3123
3267 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	17.4	327.8	342.9	3351
3271 >E	Gordon Rd 345kV Voltage	SBK Edic R70	17.2	327.8	325.8	3299
3272 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	15.6	327.8	328.5	3230
3273 >E	Ramapo 345kV Voltage	Ph2 DC 1500	13.5	327.8	348.3	3351
3276 >E	Station 80 345kV Voltage	Ph2 DC 1500	15.4	327.8	345.4	3351
3277 >E	Oakdale 345kV Voltage	Marcy South S.	12.1	320	337.2	3728

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\F_SVC_OS\Sum2023_CEVC_PH2_50_F_SVC_OS.xlsx

1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3280 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	15.7	327.8	328.1	3267
3291 >E	Ladentown 345kV Voltage	Ph2 DC 1500	13.4	327.8	349.5	3352
3296 >E	Watercure 230kV Voltage	Marcy South N.	20.0	207	231.9	3831
3297 >E	Station 80 345kV Voltage	SBK Edic R945	13.9	327.8	341.6	2335
3297 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	13.9	327.8	341.6	2335
3299 >E	Ladentown 345kV Voltage	Pre-Fault	51.1	NA	346	3299
3303 >E	Roseton 345kV Voltage	Ph2 DC 1500	12.9	327.8	350.6	3353
3305 >E	Oakdale 345kV Voltage	SBK Marcy R3108	15.9	320	328.8	3158
3309 >E	Edic 345kV Voltage	SBK Edic R70	18.4	327.8	322.7	3338
3310 >E	Buchanan North 345kV Voltage	SBK Edic R945	17.3	327.8	338.5	2341
3310 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	17.3	327.8	338.5	2341
3311 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	13.4	327.8	351.0	3354
3312 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	15.0	327.8	342.4	2235
3317 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	13.4	327.8	351.4	3355
3320 >E	Coopers Corners 345kV Voltage	Marcy South N.	13.0	327.8	328.5	3831
3325 >E	Oakdale 345kV Voltage	Ravenswood 3	14.7	320	327.7	3411
3326 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	26.3	218.5	226.6	2238
3330 >E	Fraser 345kV Voltage	SBK Edic R70	16.7	327.8	324.9	3359
3331 >E	Ramapo 500kV Voltage	Marcy South N.	46.2	500	507.5	3831
3337 >E	Oakdale 345kV Voltage	SBK Princetown 345	14.7	320	327.1	3069
3339 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	15.3	327.8	341.8	2353
3339 >E	Ramapo 345kV Voltage	SBK Edic R945	15.3	327.8	341.8	2353
3345 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	17.4	327.8	333.0	3300
3345 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	17.4	327.8	333.0	3300
3350 >E	Pleasant Valley 345kV Voltage	Marcy South N.	18.1	327.8	343.8	3831
3355 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	17.2	327.8	332.5	3439
3355 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	17.2	327.8	332.5	3439
3361 >E	Ramapo 500kV Voltage	SBK Marcy R3108	36.4	500	500.9	3211
3364 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	17.9	327.8	341.2	2249
3368 >E	Roseton 345kV Voltage	Pre-Fault	46.0	NA	345	3368
3370 >E	Ramapo 500kV Voltage	Volney-Marcy	37.1	500	500.6	3291
3377 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	37.9	500	500.5	3332
3379 >E	Ladentown 345kV Voltage	SBK Edic R945	16.0	327.8	342.2	2371
3379 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	16.0	327.8	342.2	2371
3379 >E	Watercure 230kV Voltage	SBK Edic R945	16.4	207	227.8	2371
3379 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	16.4	207	227.8	2371
3380 >E	Oakdale 345kV Voltage	Volney-Marcy	17.5	320	324.8	3300
3381 >E	Somerset 345kV Voltage	Marcy South N.	16.2	327.8	338.9	3831
3383 >E	Buchanan South 345kV Voltage	SBK Edic R945	18.2	327.8	339.0	2372
3383 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	18.2	327.8	339.0	2372
3384 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	16.4	207	225.3	2254

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3388 >E	Millwood 345kV Voltage	SBK Edic R945	19.5	327.8	337.4	2375
3388 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	19.5	327.8	337.4	2375
3389 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	38.6	500	500.2	3346
3391 >E	Sprain Brook 345kV Voltage	SBK Edic R945	22.7	327.8	335.8	2376
3391 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	22.7	327.8	335.8	2376
3392 >E	Dunwoodie 345kV Voltage	SBK Edic R945	22.9	327.8	335.7	2377
3393 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	22.9	327.8	335.7	2377
3393 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	38.8	500	500.1	3379
3396 >E	Ramapo 500kV Voltage	Pre-Fault	39.0	NA	500	3396
3398 >E	Leeds 345kV Voltage	Pre-Fault	34.2	NA	345	3398
3402 >E	Ramapo 500kV Voltage	SBK Edic R70	39.6	500	499.8	3432
3403 >E	Bowline 1 345kV Voltage	SBK Edic R945	15.9	327.8	343.2	2381
3403 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	15.9	327.8	343.2	2381
3404 >E	Ramapo 500kV Voltage	SBK Princetown 345	42.8	500	499.8	3126
3410 >E	Bowline 2 345kV Voltage	SBK Edic R945	15.9	327.8	343.4	2384
3410 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	15.9	327.8	343.4	2384
3421 >E	Roseton 345kV Voltage	SBK Edic R945	16.3	327.8	340.5	2389
3421 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	16.3	327.8	340.5	2389
3435 >E	Bowline 1 345kV Voltage	Pre-Fault	51.6	NA	345	3435
3437 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	19.7	327.8	328.5	3354
3437 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	19.7	327.8	328.5	3354
3441 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	19.9	327.8	328.3	3284
3441 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	19.9	327.8	328.3	3284
3441 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	18.1	327.8	336.7	2398
3441 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	18.1	327.8	336.7	2398
3441 >E	Clay 345kV Voltage	Marcy South S.	19.7	327.8	346.4	3823
3448 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	20.1	327.8	327.9	3434
3448 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	20.1	327.8	327.9	3434
3449 >E	St.Lawrence 230kV Voltage	Pre-Fault	76.8	NA	225	3449
3450 >E	Leeds 345kV Voltage	SBK Edic R945	14.3	327.8	337.5	2402
3450 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	14.3	327.8	337.5	2402
3452 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	18.6	320	321.0	3406
3456 >E	Rock Tavern 345kV Voltage	Ravenswood 3	24.4	327.8	332.6	3533
3457 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	20.4	327.8	327.5	3413
3457 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	20.4	327.8	327.5	3413
3458 >E	Bowline 2 345kV Voltage	Pre-Fault	51.4	NA	345	3458
3458 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	18.8	320	320.7	3415

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3464 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	20.7	327.8	327.1	3494
3464 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	20.7	327.8	327.1	3494
3465 >E	Pleasant Valley 345kV Voltage	Marcy South S.	28.8	327.8	345.1	3837
3467 >E	Oakdale 345kV Voltage	Princeton-N.Scot 345	18.9	320	320.2	3453
3485 >E	Gilboa 345kV Voltage	Ravenswood 3	21.4	327.8	332.9	3559
3485 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	29.6	327.8	336.9	2282
3512 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	20.2	327.8	324.8	3219
3512 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	20.2	327.8	324.8	3219
3512 >E	Clay 345kV Voltage	SBK Princetown 345	19.8	327.8	336.1	3220
3516 >E	Clay 345kV Voltage	Ravenswood 3	20.5	327.8	335.9	3588
3518 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	16.6	327.8	341.5	2291
3531 >E	Oakdale 345kV Voltage	SBK Edic R70	20.5	320	316.9	3561
3531 >E	Millwood 345kV Voltage	Marcy South N.	28.7	327.8	339.1	3832
3535 >E	Clay 345kV Voltage	SBK Marcy R3108	24.3	327.8	335.3	3371
3538 >E	Dunwoodie 345kV Voltage	Marcy South N.	33.7	327.8	337.2	3832
3540 >E	Gilboa 345kV Voltage	SBK Marcy R3108	23.7	327.8	330.7	3377
3541 >E	Sprain Brook 345kV Voltage	Marcy South N.	33.6	327.8	337.3	3832
3547 >E	Gilboa 345kV Voltage	SBK Princetown 345	22.9	327.8	330.4	3250
3550 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	23.8	327.8	330.3	3504
3553 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	27.5	327.8	339.3	2300
3555 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	24.0	327.8	328.5	3508
3565 >E	Rock Tavern 345kV Voltage	Volney-Marcy	24.0	327.8	328.1	3476
3567 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	24.4	327.8	328.0	3522
3571 >E	Rock Tavern 345kV Voltage	Princeton-N.Scot 345	24.4	327.8	327.9	3556
3575 >E	Niagara 345kV Voltage	Marcy South N.	19.6	327.8	334.8	3833
3576 >E	Rock Tavern 345kV Voltage	SBK Edic R70	24.7	327.8	327.7	3607
3578 >E	Gilboa 345kV Voltage	Volney-Marcy	24.3	327.8	329.2	3489
3581 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	24.3	327.8	327.5	3414
3582 >E	Roseton 345kV Voltage	Marcy South N.	23.8	327.8	343.3	3833
3603 >E	Buchanan North 345kV Voltage	Marcy South N.	32.2	327.8	337.0	3833
3605 >E	Buchanan South 345kV Voltage	Marcy South N.	29.5	327.8	339.5	3833
3606 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	25.2	327.8	328.1	3561
3609 >E	Gilboa 345kV Voltage	Princeton-N.Scot 345	25.3	327.8	328.0	3594
3612 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	25.0	327.8	339.7	2317
3618 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	31.6	327.8	337.9	2318
3621 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	28.4	327.8	339.7	2319
3624 >E	Rock Tavern 345kV Voltage	Marcy South N.	24.5	327.8	336.3	3833
3626 >E	Pannell Road 345kV Voltage	Ravenswood 3	27.9	327.8	333.8	3689
3631 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	26.9	327.8	337.8	2322

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3633 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	34.2	327.8	337.0	2322
3636 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	28.7	327.8	325.2	3326
3643 >E	Pannell Road 345kV Voltage	SBK Princetown 345	27.6	327.8	333.4	3332
3651 >E	Gilboa 345kV Voltage	SBK Edic R70	26.3	327.8	326.3	3683
3654 >E	Clay 345kV Voltage	Volney-Marcy	28.0	327.8	331.3	3561
3654 >E	Buchanan North 345kV Voltage	Ravenswood 3	55.3	327.8	333.7	3715
3656 >E	Somerset 345kV Voltage	Ph2 DC 1500	28.0	327.8	347.5	3381
3661 >E	Pannell Road 345kV Voltage	Marcy South S.	30.9	327.8	341.2	3951
3663 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	41.4	327.8	335.7	2330
3670 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	42.0	327.8	335.6	2332
3671 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	28.7	327.8	340.4	2333
3682 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	28.6	327.8	340.6	2336
3686 >E	Station 80 345kV Voltage	Ravenswood 3	32.1	327.8	333.4	3744
3702 >E	Sprain Brook 345kV Voltage	Ravenswood 3	76.9	327.8	335.2	3760
3704 >E	Dunwoodie 345kV Voltage	Ravenswood 3	78.1	327.8	335.2	3762
3709 >E	Somerset 345kV Voltage	SBK Edic R945	27.2	327.8	343.2	2515
3709 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	27.2	327.8	343.2	2515
3713 >E	Station 80 345kV Voltage	SBK Princetown 345	32.0	327.8	332.7	3393
3715 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	33.4	327.8	331.4	3538
3723 >E	St.Lawrence 230kV Voltage	Ravenswood 3	60.1	218.5	221.4	3778
3749 >E	Station 80 345kV Voltage	Marcy South S.	35.6	327.8	339.3	4002
3750 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	59.5	218.5	221.1	3424
3753 >E	Clay 345kV Voltage	N.Scot-Leeds 345	29.7	327.8	328.0	3705
3754 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	29.7	327.8	327.9	3708
3757 >E	Clay 345kV Voltage	Princetown-N.Scot 345	29.7	327.8	327.9	3741
3758 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	67.4	218.5	221.0	3578
3768 >E	St.Lawrence 230kV Voltage	Volney-Marcy	65.4	218.5	220.9	3670
3785 >E	Ladentown 345kV Voltage	Marcy South N.	31.7	327.8	339.7	3834
3786 >E	Ramapo 345kV Voltage	Marcy South N.	33.1	327.8	338.3	3834
3789 >E	Millwood 345kV Voltage	Ravenswood 3	64.5	327.8	334.6	3840
3802 >E	Pannell Road 345kV Voltage	Volney-Marcy	36.4	327.8	329.0	3703
3814 >E	Station 80 345kV Voltage	SBK Marcy R3108	39.0	327.8	330.3	3630
3823 >E	Watercure 230kV Voltage	Pre-Fault	42.7	NA	215	3823
3824 >E	Watercure 230kV Voltage	Marcy South S.	31.8	207	220.5	4046
3837 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	32.6	327.8	342.2	2378
3839 >E	Bowline 1 345kV Voltage	Marcy South N.	31.9	327.8	340.4	3834
3845 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	36.6	327.8	327.9	3796
3846 >E	Buchanan South 345kV Voltage	Ravenswood 3	59.8	327.8	334.0	3892
3846 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	36.6	327.8	327.8	3799

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3847 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	36.6	327.8	327.8	3830
3852 >E	Bowline 2 345kV Voltage	Marcy South N.	31.8	327.8	340.7	3834
3857 >E	Leeds 345kV Voltage	Ravenswood 3	29.7	327.8	331.6	3903
3872 >E	Watercure 230kV Voltage	Ravenswood 3	33.7	207	213.8	3916
3881 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	47.0	327.8	332.9	3924
3891 >E	Station 80 345kV Voltage	Volney-Marcy	41.9	327.8	328.4	3788
3906 >E	Clay 345kV Voltage	SBK Edic R70	34.8	327.8	322.8	3939
3917 >E	Millwood 345kV Voltage	Marcy South S.	52.1	327.8	341.4	4100
3917 >E	Watercure 230kV Voltage	SBK Princetown 345	34.3	207	212.8	3568
3917 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	41.5	327.8	327.8	3867
3918 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	41.5	327.8	327.8	3901
3918 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	41.5	327.8	327.8	3870
3924 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	51.3	327.8	328.7	3874
3937 >E	Ramapo 345kV Voltage	Ravenswood 3	54.1	327.8	331.5	3976
3938 >E	Pannell Road 345kV Voltage	SBK Edic R70	40.2	327.8	325.3	3971
3942 >E	Watercure 230kV Voltage	SBK Marcy R3108	37.2	207	212.2	3749
3946 >E	Buchanan North 345kV Voltage	Volney-Marcy	51.6	327.8	328.2	3841
3950 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	76.9	218.5	218.5	3933
3952 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	77.0	218.5	218.5	3904
3953 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	77.0	218.5	218.4	3903
3956 >E	Roseton 345kV Voltage	Ravenswood 3	43.7	327.8	332.2	3994
3960 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	51.8	327.8	328.0	3765
3960 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	52.8	327.8	328.0	3912
3964 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	53.0	327.8	327.9	3947
3979 >E	Buchanan North 345kV Voltage	SBK Edic R70	53.9	327.8	327.6	4013
3987 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	34.2	327.8	327.8	3936
3987 >E	Leeds 345kV Voltage	Volney-Marcy	34.2	327.8	327.8	3880
3987 >E	Leeds 345kV Voltage	SBK Marcy R3108	34.2	327.8	327.8	3790
3987 >E	Leeds 345kV Voltage	SBK Edic R70	34.2	327.8	327.8	4021
3987 >E	Leeds 345kV Voltage	SBK Princetown 345	34.2	327.8	327.8	3629
3987 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	34.2	327.8	327.8	3969
3987 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	34.2	327.8	327.8	3938
3991 >E	Sprain Brook 345kV Voltage	Marcy South S.	64.5	327.8	339.9	4143
3991 >E	Dunwoodie 345kV Voltage	Marcy South S.	65.2	327.8	339.9	4143
3992 >E	Roseton 345kV Voltage	Marcy South S.	42.4	327.8	344.6	4144
3997 >E	Niagara 230kV East Voltage	Marcy South N.	66.1	218.5	223.5	3835
3997 >E	Niagara 230kV West Voltage	Marcy South N.	66.1	218.5	223.5	3835

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4001 >E	Station 80 345kV Voltage	SBK Edic R70	45.0	327.8	325.8	4035
4006 >E	St.Lawrence 230kV Voltage	SBK Edic R70	81.5	218.5	217.8	4039
4011 >E	Ladentown 345kV Voltage	Ravenswood 3	55.6	327.8	332.1	4045
4030 >E	Buchanan North 345kV Voltage	Marcy South S.	52.7	327.8	337.8	4166
4042 >E	Buchanan South 345kV Voltage	Marcy South S.	51.3	327.8	341.4	4173
4046 >E	Watercure 230kV Voltage	Volney-Marcy	39.9	207	209.8	3936
4067 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	48.7	327.8	329.3	4016
4068 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	47.3	327.8	328.8	4016
4083 >E	Ramapo 345kV Voltage	Volney-Marcy	47.3	327.8	328.5	3971
4097 >E	Ramapo 345kV Voltage	SBK Marcy R3108	47.5	327.8	328.2	3893
4103 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	48.5	327.8	328.1	4053
4109 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	48.7	327.8	327.9	4091
4114 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	44.5	327.8	328.8	4062
4122 >E	Bowline 1 345kV Voltage	Ravenswood 3	56.8	327.8	331.7	4148
4125 >E	Somerset 345kV Voltage	Pre-Fault	68.8	NA	338	4125
4128 >E	Ramapo 345kV Voltage	SBK Edic R70	49.7	327.8	327.6	4163
4138 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	50.8	327.8	327.9	4024
4138 >E	Pleasant Valley 345kV Voltage	Princeton-N.Scot 345	51.2	327.8	327.9	4120
4140 >E	Bowline 2 345kV Voltage	Ravenswood 3	56.3	327.8	331.7	4164
4142 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	42.1	207	207.5	4090
4144 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	51.3	327.8	327.8	4094
4146 >E	Roseton 345kV Voltage	Volney-Marcy	45.2	327.8	328.1	4031
4149 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	56.4	327.8	328.9	4096
4149 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	42.3	207	207.3	4099
4152 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	45.7	327.8	327.9	4102
4153 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	51.1	327.8	327.7	3944
4153 >E	Roseton 345kV Voltage	Princeton-N.Scot 345	45.8	327.8	327.9	4135
4154 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	52.0	327.8	327.6	4189
4159 >E	Watercure 230kV Voltage	Princeton-N.Scot 345	42.5	207	207.1	4140
4164 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	62.4	327.8	328.9	4111
4165 >E	Roseton 345kV Voltage	SBK Marcy R3108	45.7	327.8	327.7	3955
4166 >E	Roseton 345kV Voltage	SBK Edic R70	46.4	327.8	327.6	4201
4175 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	49.3	327.8	328.9	4122
4186 >E	Buchanan South 345kV Voltage	Volney-Marcy	57.2	327.8	328.3	4070
4196 >E	Ladentown 345kV Voltage	Volney-Marcy	49.5	327.8	328.5	4079
4202 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	58.5	327.8	328.0	4152

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4203 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	57.5	327.8	328.0	3991
4205 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	58.6	327.8	327.9	4186
4211 >E	Ladentown 345kV Voltage	SBK Marcy R3108	49.6	327.8	328.2	3997
4214 >E	Millwood 345kV Voltage	Volney-Marcy	63.8	327.8	328.1	4096
4217 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	50.7	327.8	328.1	4166
4218 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	75.8	327.8	328.8	4165
4223 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	50.9	327.8	327.9	4204
4225 >E	Buchanan South 345kV Voltage	SBK Edic R70	59.7	327.8	327.6	4260
4227 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	65.1	327.8	327.9	4176
4228 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	65.2	327.8	327.9	4209
4232 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	77.2	327.8	328.7	4179
4234 >E	Millwood 345kV Voltage	SBK Marcy R3108	64.2	327.8	327.8	4019
4234 >E	Buchanan North 345kV Voltage	SBK Princetown 345	69.7	327.8	322.8	3842
4244 >E	Ladentown 345kV Voltage	SBK Edic R70	51.8	327.8	327.5	4279
4248 >E	Millwood 345kV Voltage	SBK Edic R70	66.4	327.8	327.6	4283
4251 >E	Watercure 230kV Voltage	SBK Edic R70	45.4	207	204.9	4287
4263 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	49.7	327.8	328.9	4210
4270 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	56.0	327.8	325.4	3873
4274 >E	Sprain Brook 345kV Voltage	Volney-Marcy	77.8	327.8	328.1	4154
4281 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	49.5	327.8	329.0	4228
4284 >E	Bowline 1 345kV Voltage	Volney-Marcy	49.8	327.8	328.5	4164
4286 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	79.2	327.8	327.9	4234
4286 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	79.3	327.8	327.9	4267
4287 >E	Dunwoodie 345kV Voltage	Volney-Marcy	79.1	327.8	328.1	4166
4296 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	78.3	327.8	327.8	4077
4298 >E	Roseton 345kV Voltage	SBK Princetown 345	51.9	327.8	324.8	3896
4299 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	80.7	327.8	327.9	4280
4300 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	80.7	327.8	327.9	4248
4300 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	50.0	327.8	328.2	4080
4303 >E	Bowline 2 345kV Voltage	Volney-Marcy	49.7	327.8	328.5	4181
4306 >E	Sprain Brook 345kV Voltage	SBK Edic R70	80.8	327.8	327.6	4343
4308 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	51.1	327.8	328.1	4256
4311 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	79.7	327.8	327.8	4090
4313 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	51.2	327.8	328.0	4294
4319 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	49.8	327.8	328.2	4097
4320 >E	Dunwoodie 345kV Voltage	SBK Edic R70	82.3	327.8	327.7	4356

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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4327 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	50.9	327.8	328.1	4275
4333 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	51.1	327.8	328.0	4313
4334 >E	Ladentown 345kV Voltage	Marcy South S.	51.9	327.8	341.4	4343
4337 >E	Bowline 1 345kV Voltage	SBK Edic R70	52.3	327.8	327.5	4374
4354 >E	Ramapo 345kV Voltage	Marcy South S.	53.8	327.8	339.9	4354
4356 >E	Bowline 2 345kV Voltage	SBK Edic R70	52.0	327.8	327.5	4392
4384 >E	Rainey 345kV Voltage	Ph2 DC 1500	53.0	327.8	352.6	3438
4400 >E	Farragut 345kV Voltage	Ph2 DC 1500	54.8	327.8	352.1	3440
4402 >E	Somerset 345kV Voltage	Ravenswood 3	54.4	327.8	334.0	4406
4418 >E	Bowline 1 345kV Voltage	Marcy South S.	51.9	327.8	342.3	4392
4440 >E	Bowline 2 345kV Voltage	Marcy South S.	51.8	327.8	342.6	4404
4484 >E	Somerset 345kV Voltage	SBK Princeton 345	55.6	327.8	332.8	4057
4492 >E	Ramapo 345kV Voltage	SBK Princeton 345	67.8	327.8	320.1	4064
4550 >E	Buchanan South 345kV Voltage	SBK Princeton 345	76.3	327.8	322.1	4113
4559 >E	Millwood 345kV Voltage	SBK Princeton 345	83.1	327.8	322.9	4122
4625 >E	Niagara 345kV Voltage	Ph2 DC 1500	56.5	327.8	349.4	3457
4632 >E	Somerset 345kV Voltage	Marcy South S.	62.7	327.8	339.0	4516
4639 >E	Ladentown 345kV Voltage	SBK Princeton 345	70.0	327.8	319.8	4191
4650 >E	Sprain Brook 345kV Voltage	SBK Princeton 345	102.0	327.8	323.3	4200
4668 >E	Dunwoodie 345kV Voltage	SBK Princeton 345	103.8	327.8	323.4	4215
4725 >E	Rock Tavern 345kV Voltage	Marcy South S.	60.2	327.8	334.6	4570
4777 >E	Somerset 345kV Voltage	SBK Marcy R3108	67.8	327.8	328.5	4522
4793 >E	Bowline 1 345kV Voltage	SBK Princeton 345	71.7	327.8	318.7	4323
4811 >E	Bowline 2 345kV Voltage	SBK Princeton 345	71.1	327.8	318.6	4339
4828 >E	Somerset 345kV Voltage	Princeton-N.Scot 345	68.8	327.8	327.8	4805
4831 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	69.0	327.8	327.7	4772
4832 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	69.0	327.8	327.7	4775
4843 >E	Somerset 345kV Voltage	Volney-Marcy	70.2	327.8	327.6	4697
4860 >E	Goethals 345kV Voltage	Ph2 DC 1500	73.4	327.8	352.0	3476
4921 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	71.9	327.8	340.5	3047
4921 >E	Rainey 345kV Voltage	SBK Edic R945	71.9	327.8	340.5	3047
4934 >E	Somerset 345kV Voltage	SBK Edic R70	73.0	327.8	326.3	4974
4944 >E	Niagara 345kV Voltage	SBK Edic R945	64.0	327.8	346.5	3057
4944 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	64.0	327.8	346.5	3057
4948 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	74.3	327.8	340.3	3059
4948 >E	Farragut 345kV Voltage	SBK Edic R945	74.3	327.8	340.3	3059
4979 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	65.2	327.8	343.2	2689
5008 >E	Niagara 230kV East Voltage	Ph2 DC 1500	134.1	218.5	229.9	3487
5008 >E	Niagara 230kV West Voltage	Ph2 DC 1500	134.1	218.5	229.9	3487

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5366 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	150.8	218.5	226.7	2795
5366 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	150.8	218.5	226.7	2795
5585 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	100.0	327.8	340.1	3338
5585 >E	Goethals 345kV Voltage	SBK Edic R945	100.0	327.8	340.1	3338
5615 >E	Gardenville 230kV Voltage	Marcy South N.	99.7	207	229.4	3844
5616 >E	Coopers Corners 345kV Voltage	Marcy South S.	68.2	327.8	285.7	5088
5654 >E	Niagara 345kV Voltage	Pre-Fault	129.1	NA	338	5654
5784 >E	Rainey 345kV Voltage	Marcy South N.	105.5	327.8	343.3	3845
5824 >E	Farragut 345kV Voltage	Marcy South N.	109.2	327.8	343.0	3846
5852 >E	Niagara 230kV East Voltage	SBK Edic R945	182.8	218.5	230.1	3455
5852 >E	Niagara 230kV West Voltage	SBK Edic R945	182.8	218.5	230.1	3455
5852 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	182.8	218.5	230.1	3455
5852 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	182.8	218.5	230.1	3455
5859 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	101.7	207	226.1	2929
5889 >E	Niagara 230kV East Voltage	Pre-Fault	307.9	NA	225	5889
5889 >E	Niagara 230kV West Voltage	Pre-Fault	307.9	NA	225	5889
5927 >E	Gardenville 230kV Voltage	Ph2 DC 1500	106.1	207	234.1	3559
6134 >E	Niagara 345kV Voltage	Ravenswood 3	103.7	327.8	334.3	6006
6326 >E	Niagara 345kV Voltage	SBK Princetown 345	107.9	327.8	332.8	5644
6350 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	127.1	327.8	340.8	3063
6381 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	130.8	327.8	340.5	3071
6553 >E	Rainey 345kV Voltage	Ravenswood 3	178.2	327.8	339.9	6392
6712 >E	Farragut 345kV Voltage	Ravenswood 3	185.0	327.8	339.2	6539
6722 >E	Niagara 345kV Voltage	Marcy South S.	122.0	327.8	338.4	5732
6737 >E	Goethals 345kV Voltage	Marcy South N.	146.0	327.8	343.1	3851
6888 >E	Niagara 230kV East Voltage	Ravenswood 3	248.5	218.5	221.8	6702
6888 >E	Niagara 230kV West Voltage	Ravenswood 3	248.5	218.5	221.8	6702
6972 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	129.1	327.8	327.8	6935
6980 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	129.4	327.8	327.7	6902
6984 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	129.6	327.8	327.7	6904
7027 >E	Niagara 345kV Voltage	SBK Marcy R3108	131.1	327.8	327.4	6606
7032 >E	Farragut 345kV Voltage	Pre-Fault	256.9	NA	338	7032
7036 >E	Rainey 345kV Voltage	Pre-Fault	249.0	NA	338	7036
7060 >E	Niagara 345kV Voltage	Volney-Marcy	132.4	327.8	327.1	6815
7132 >E	Niagara 230kV East Voltage	SBK Princetown 345	260.0	218.5	221.0	6338
7132 >E	Niagara 230kV West Voltage	SBK Princetown 345	260.0	218.5	221.0	6338
7142 >E	Niagara 345kV Voltage	SBK Edic R70	135.1	327.8	326.5	7199
7461 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	174.4	327.8	340.7	3365
7560 >E	Niagara 230kV East Voltage	Marcy South S.	290.3	218.5	224.0	6220
7560 >E	Niagara 230kV West Voltage	Marcy South S.	290.3	218.5	224.0	6220

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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7903 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	308.7	218.5	218.5	7861
7903 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	308.7	218.5	218.5	7861
7908 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	309.1	218.5	218.4	7819
7908 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	309.1	218.5	218.4	7819
7908 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	309.1	218.5	218.4	7822
7908 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	309.1	218.5	218.4	7822
8008 >E	Niagara 230kV East Voltage	SBK Marcy R3108	315.5	218.5	218.1	7514
8008 >E	Niagara 230kV West Voltage	SBK Marcy R3108	315.5	218.5	218.1	7514
8026 >E	Niagara 230kV East Voltage	Volney-Marcy	317.2	218.5	218.1	7737
8026 >E	Niagara 230kV West Voltage	Volney-Marcy	317.2	218.5	218.1	7737
8031 >E	Rainey 345kV Voltage	Marcy South S.	192.3	327.8	347.8	6493
8064 >E	Farragut 345kV Voltage	Marcy South S.	197.5	327.8	347.4	6513
8073 >E	Goethals 345kV Voltage	Ravenswood 3	237.3	327.8	339.0	7796
8106 >E	Niagara 230kV East Voltage	SBK Edic R70	322.3	218.5	217.8	8170
8106 >E	Niagara 230kV West Voltage	SBK Edic R70	322.3	218.5	217.8	8170
8212 >E	Northport 138kV Voltage	Ph2 DC 1500	411.5	131.1	143.8	3739
8423 >E	Goethals 345kV Voltage	Pre-Fault	351.8	NA	338	8423
8553 >E	Gardenville 230kV Voltage	Pre-Fault	296.2	NA	217	8553
9219 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	235.9	327.8	329.2	9118
9278 >E	Gardenville 230kV Voltage	Ravenswood 3	220.0	207	214.6	8909
9282 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	243.0	327.8	329.2	9180
9368 >E	Rainey 345kV Voltage	Volney-Marcy	240.6	327.8	328.6	9019
9370 >E	Rainey 345kV Voltage	SBK Marcy R3108	240.1	327.8	328.6	8776
9422 >E	Farragut 345kV Voltage	Volney-Marcy	247.5	327.8	328.7	9071
9424 >E	Farragut 345kV Voltage	SBK Marcy R3108	247.0	327.8	328.7	8826
9524 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	247.0	327.8	328.0	9422
9549 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	248.0	327.8	327.9	9496
9592 >E	Goethals 345kV Voltage	Marcy South S.	259.2	327.8	347.9	7402
9597 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	254.8	327.8	328.0	9544
9599 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	254.8	327.8	328.0	9496
9682 >E	Rainey 345kV Voltage	SBK Edic R70	253.2	327.8	327.4	9758
9684 >E	Gardenville 230kV Voltage	SBK Princetown 345	233.4	207	213.2	8537
9735 >E	Farragut 345kV Voltage	SBK Edic R70	260.2	327.8	327.5	9811
10008 >E	Gardenville 230kV Voltage	Marcy South S.	251.5	207	223.5	7644
10101 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	556.4	131.1	136.2	5318

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\F_SVC_OS\Sum2023_CEVC_PH2_50_F_SVC_OS.xlsx

1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
10101 >E	Northport 138kV Voltage	SBK Edic R945	556.4	131.1	136.2	5318
11223 >E	Gardenville 230kV Voltage	SBK Marcy R3108	288.5	207	208.0	10492
11279 >E	Rainey 345kV Voltage	SBK Princetown 345	313.5	327.8	321.0	9911
11333 >E	Farragut 345kV Voltage	SBK Princetown 345	321.8	327.8	321.3	9959
11460 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	330.6	327.8	329.4	11337
11485 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	295.5	207	207.1	11362
11497 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	295.9	207	207.1	11376
11513 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	296.2	207	207.0	11448
11561 >E	Gardenville 230kV Voltage	Volney-Marcy	299.5	207	206.8	11114
11594 >E	Goethals 345kV Voltage	SBK Marcy R3108	334.3	327.8	329.0	10836
11626 >E	Goethals 345kV Voltage	Volney-Marcy	336.1	327.8	328.9	11176
11910 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	347.7	327.8	328.1	11785
11959 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	349.7	327.8	327.9	11891
12080 >E	Gardenville 230kV Voltage	SBK Edic R70	315.9	207	205.1	12174
12167 >E	Goethals 345kV Voltage	SBK Edic R70	358.0	327.8	327.4	12262
12976 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	362.6	207	275.9	6579
12981 >E	Gardenville 230kV Voltage	SBK Edic R945	362.8	207	275.9	6580
13768 >E	Northport 138kV Voltage	Marcy South N.	847.5	131.1	137.6	3892
14273 >E	Goethals 345kV Voltage	SBK Princetown 345	440.0	327.8	321.4	12492
18680 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1234.8	131.1	138.3	6423
28031	Northport 138kV Voltage	Pre-Fault	2847.3	NA	135	28031

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

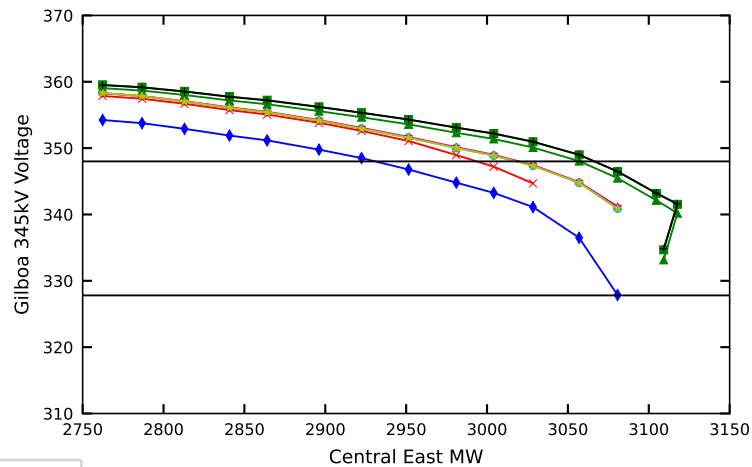
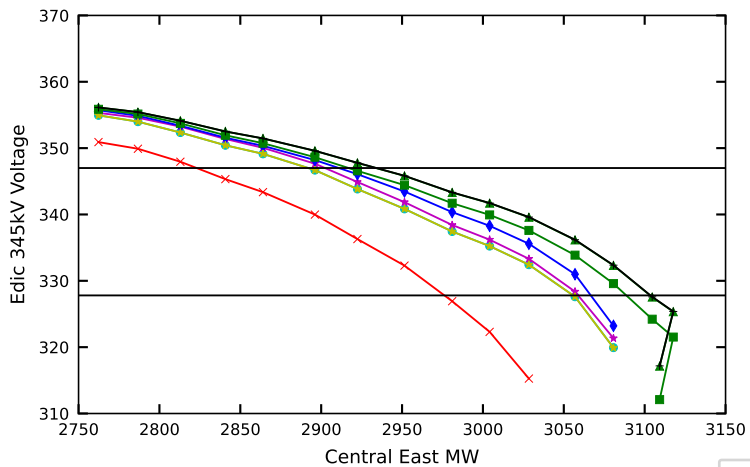
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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 F_SVC_OS

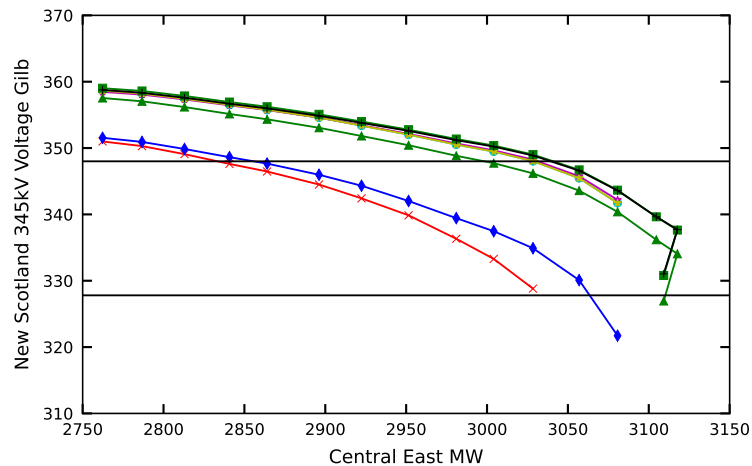
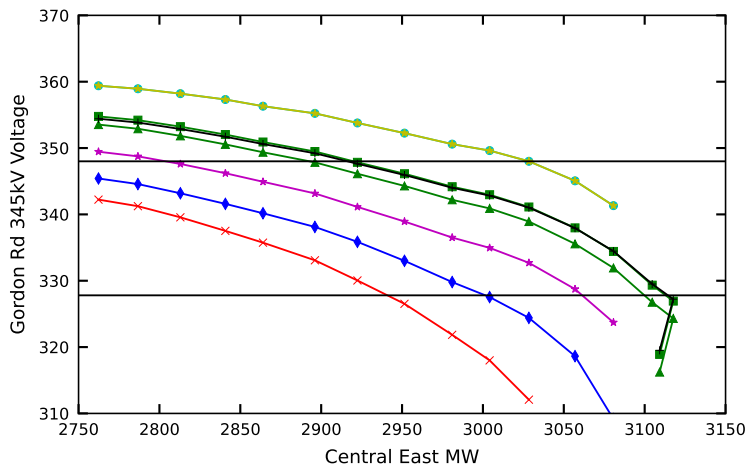
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				<-Post->	<-Pre->	
>E						
37113	Northport 138kV Voltage	N.Scot-Leeds 345	2689.1	131.1	131.8	36742
>E						
37151	Northport 138kV Voltage	Volney-Marcy	2689.1	131.1	131.8	35556
>E						
37171	Northport 138kV Voltage	SBK Marcy R3108	2689.1	131.1	131.8	34524
>E						
38717	Northport 138kV Voltage	Princetown-N.Scot 345	2814.1	131.1	131.2	38481
>E						
38719	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	2814.1	131.1	131.2	38336
>E						
39561	Northport 138kV Voltage	SBK Edic R70	2881.2	131.1	131.0	39861
>E						
41537	Northport 138kV Voltage	Marcy South S.	3045.9	131.1	144.0	25987
>E						
45181	Northport 138kV Voltage	Ravenswood 3	3408.7	131.1	129.0	42061
>E						
53354	Northport 138kV Voltage	SBK Princetown 345	3967.5	131.1	126.1	46166
>E						
99998	St.Lawrence 230kV Voltage	Marcy South S.	NA	218.5	NA	99998
>E						
99998	Watercure 230kV Voltage	Ph2 DC 1500	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

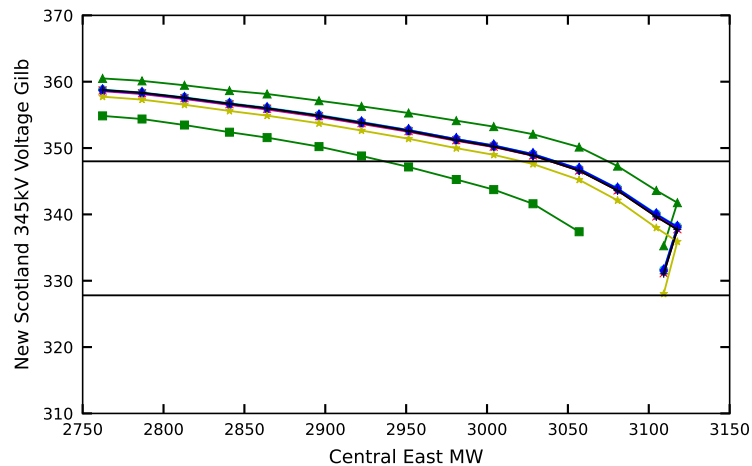
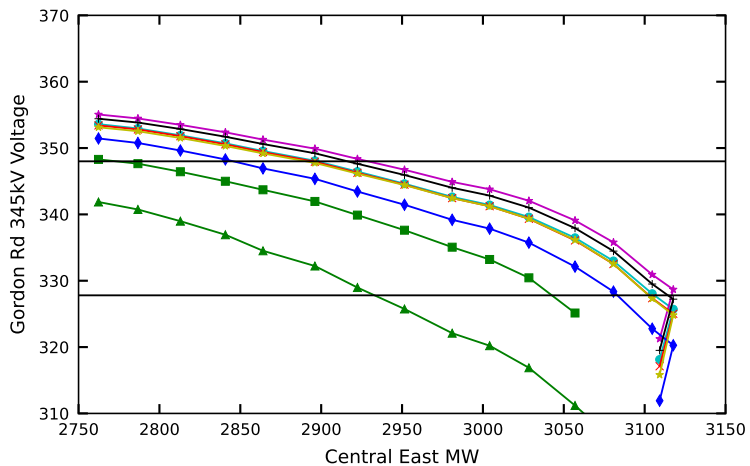
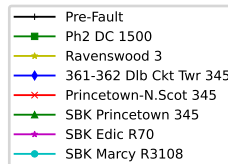
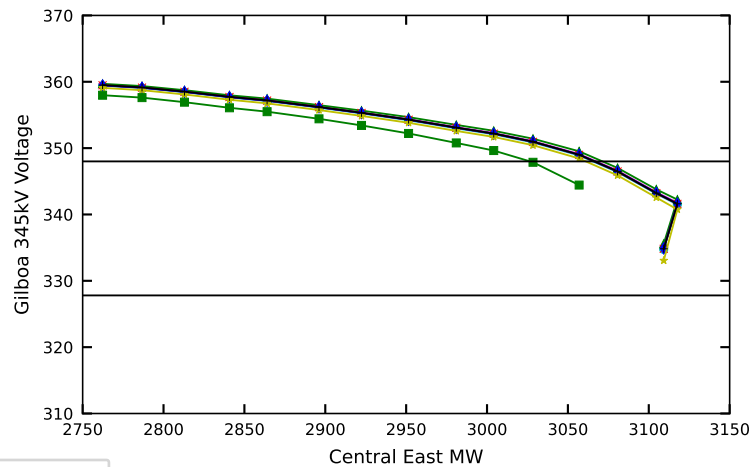
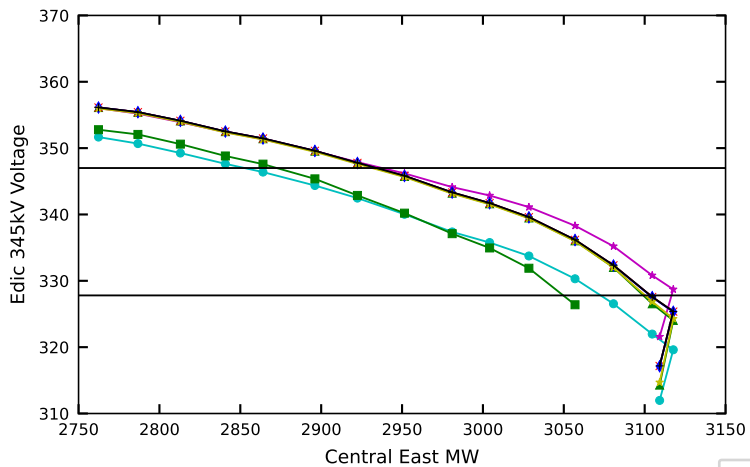
1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP Figure 1



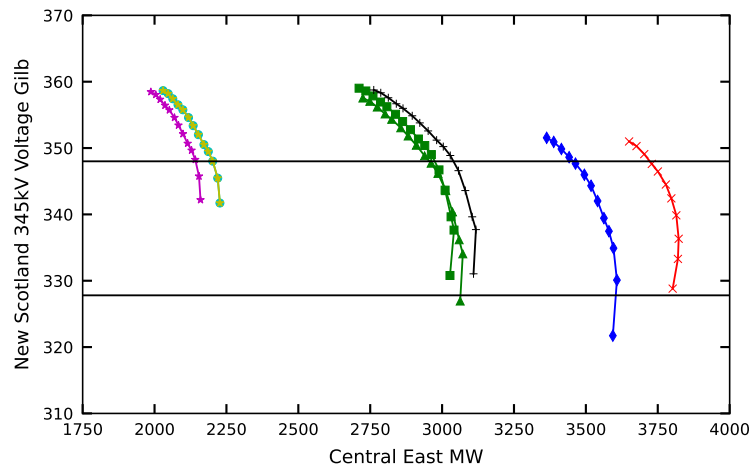
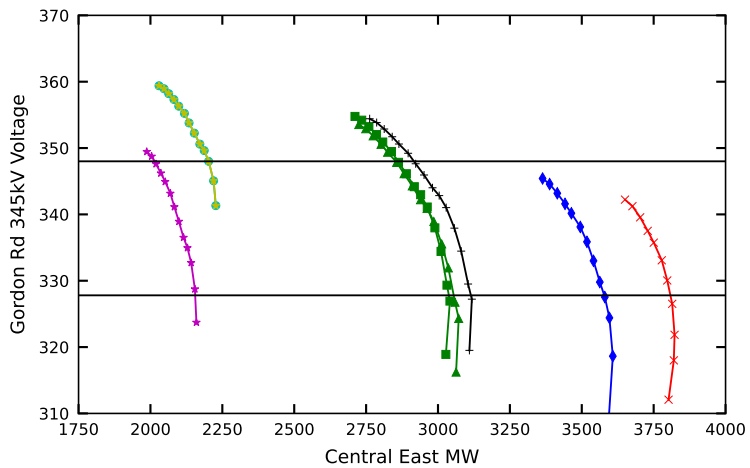
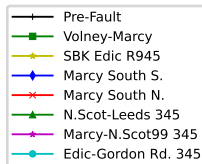
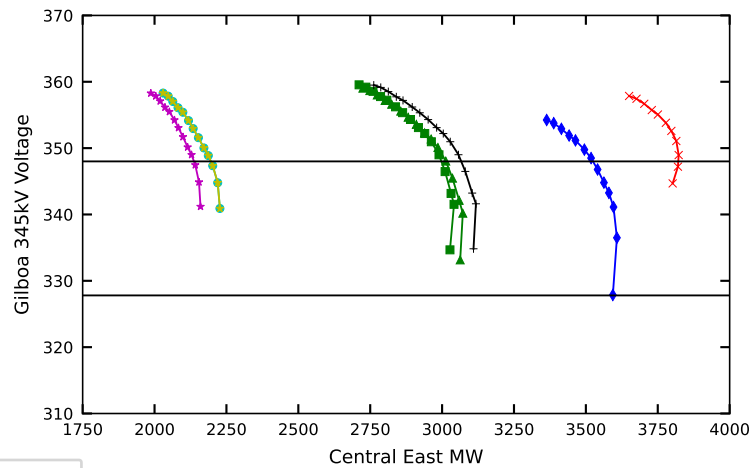
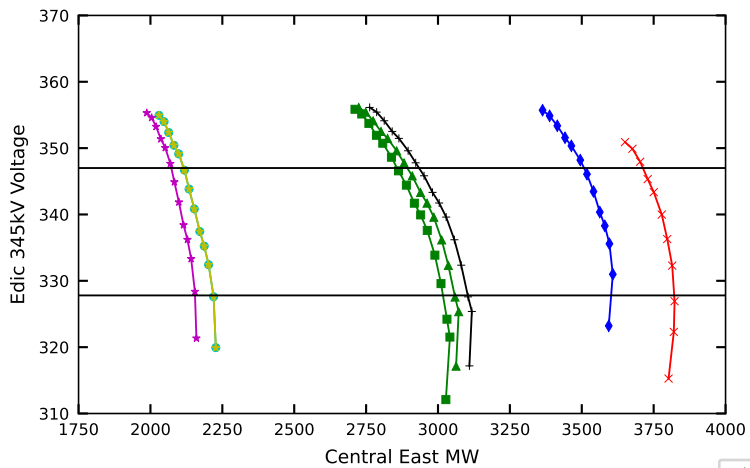
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



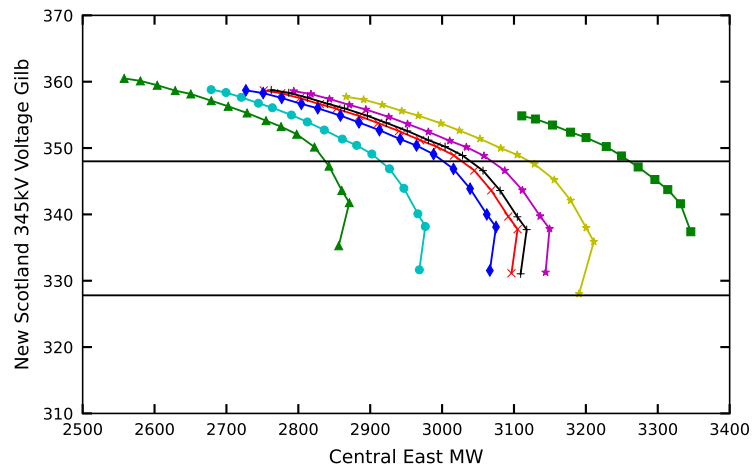
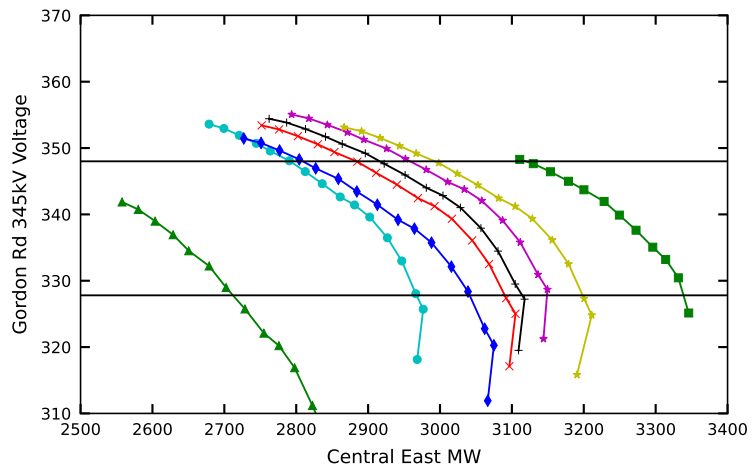
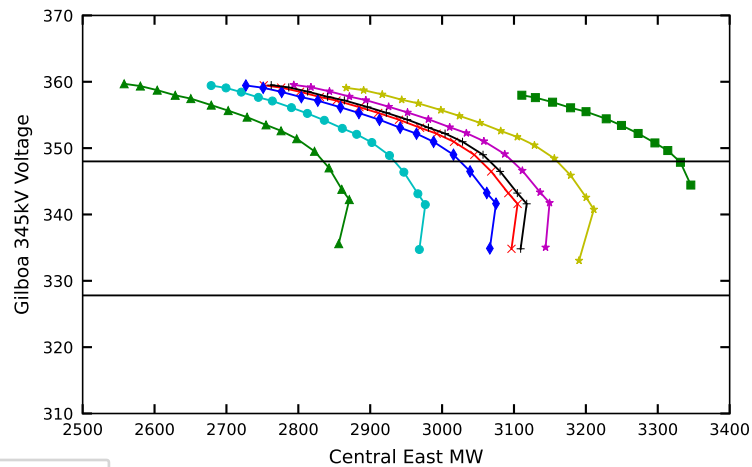
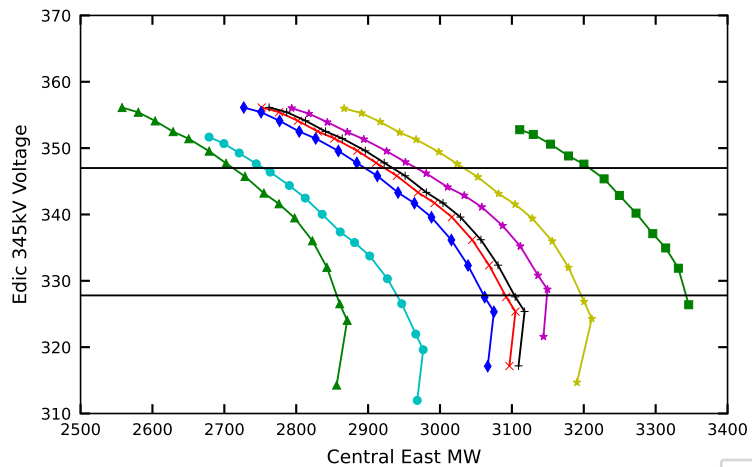
1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_0P Figure 2



1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP Figure 1



1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_0P Figure 2



- Pre-Fault
- Ph2 DC 1500
- ▲ Ravenswood 3
- ◆ 361-362 Dlb Ckt Twr 345
- × Princetown-N.Scot 345
- ▲ SBK Princetown 345
- ◆ SBK Edic R70
- SBK Marcy R3108

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\FCC33_3322_OP\Sum2023_CEVC_Ph2_50_FCC33_3322_OP.xlsx

1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2762	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2786	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2812	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2840	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2864	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2896	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2922	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2951	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2980	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3004	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
3028	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
3056	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
3080	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	3															
3104	t1	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	4															
3117	t1	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	5															
3109	t1	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	6															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\FCC33_3322_OP\Sum2023_CEVC_Ph2_50_FCC33_3322_OP.xlsx

1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP

Interface: Central East

	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12	t13	t14	t15	t16
base) Pre-Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce01) Edic-Gordon Rd. 345	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce02) Marcy-N.Scot99 345	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce03) N.Scot-Leeds 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce07) Marcy South N.	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2
ce08) Marcy South S.	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce11) SBK Edic R945	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
ce13) Volney-Marcy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce15) SBK Marcy R3108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce20) SBK Edic R70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce30) SBK Princetown 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce31) Princetown-N.Scot 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce32) 361-362 Dlb Ckt Twr 345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log09) Ravenswood 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
log15) Ph2 DC 1500	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2831	limit with 5% margin	Marcy South N.	NA	NA	NA	3631
2849 >E	Dunwoodie 345kV Voltage	Pre-Fault	40.6	NA	348	2849
2853 >E	Sprain Brook 345kV Voltage	Pre-Fault	40.5	NA	348	2853
2904	limit with 5% margin	Marcy South S.	NA	NA	NA	3427
2904	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3178
2906	Millwood 345kV Voltage	Pre-Fault	85.4	NA	348	2906
2916	Gordon Rd 345kV Voltage	Pre-Fault	16.6	NA	348	2916
2919	Marcy 345kV Voltage	Pre-Fault	14.4	NA	348	2919
2926	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2115
2926	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2051
2926	limit with 5% margin	SBK Edic R945	NA	NA	NA	2116
2932	Gordon Rd 345kV Voltage	SBK Princetown 345	9.0	327.8	347.0	2711
2934	Edic 345kV Voltage	Pre-Fault	14.9	NA	347	2934
2940	Gordon Rd 345kV Voltage	Marcy South N.	8.3	327.8	346.6	3808
2961	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2918
2961	limit with 5% margin	Volney-Marcy	NA	NA	NA	2889
2961	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2827
2961	limit with 5% margin	SBK Edic R70	NA	NA	NA	2991
2961	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2727
2961	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2949
2961	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2921
2961	limit with 5% margin	Ravenswood 3	NA	NA	NA	3050
2972	Buchanan North 345kV Voltage	Pre-Fault	63.6	NA	346	2972
2976	Edic 345kV Voltage	Marcy South N.	5.5	327.8	343.7	3821
2977	Marcy 345kV Voltage	Marcy South N.	5.5	327.8	343.6	3821
2980	Oakdale 345kV Voltage	Marcy South N.	5.6	320	344.5	3822
3001	Gordon Rd 345kV Voltage	Marcy South S.	10.3	327.8	343.0	3578
3034	Rock Tavern 345kV Voltage	Pre-Fault	22.8	NA	348	3034
3039	New Scotland 345kV Voltage Alps	Pre-Fault	12.5	NA	348	3039
3039	New Scotland 345kV Voltage Gilb	Pre-Fault	12.5	NA	348	3039
3042	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.4	327.8	339.5	3338
3049	Station 80 345kV Voltage	Pre-Fault	20.9	NA	346	3049
3049	Edic 345kV Voltage	Ph2 DC 1500	5.2	327.8	337.1	3342
3050	Marcy 345kV Voltage	Ph2 DC 1500	5.2	327.8	336.9	3342
3051	Coopers Corners 345kV Voltage	SBK Edic R945	6.5	327.8	338.9	2216
3051	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.5	327.8	338.9	2216
3051	Marcy 345kV Voltage	SBK Edic R945	5.8	327.8	336.7	2216
3051	Marcy 345kV Voltage	Edic-Gordon Rd. 345	5.8	327.8	336.7	2216
3052 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.3	327.8	347.8	3842
3052 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.3	327.8	347.8	3842

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3054	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	338.7	2153
3055	Edic 345kV Voltage	SBK Edic R945	5.9	327.8	336.3	2218
3055	Edic 345kV Voltage	Edic-Gordon Rd. 345	5.9	327.8	336.3	2218
3058	Edic 345kV Voltage	Marcy-N.Scot99 345	3.4	327.8	335.9	2155
3059	Coopers Corners 345kV Voltage	Pre-Fault	7.2	NA	338	3059
3060	Oakdale 345kV Voltage	Pre-Fault	6.2	NA	335	3060
3061	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	4.7	327.8	337.3	2155
3062	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.4	327.8	335.2	2155
3066	Gilboa 345kV Voltage	Pre-Fault	9.5	NA	348	3066
3066	Fraser 345kV Voltage	SBK Edic R945	3.3	327.8	338.4	2222
3067	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.3	327.8	338.4	2222
3067	Pannell Road 345kV Voltage	Pre-Fault	15.9	NA	346	3067
3067	Pleasant Valley 345kV Voltage	Pre-Fault	13.4	NA	348	3067
3068 >E	Clay 345kV Voltage	Marcy South N.	7.6	327.8	348.1	3847
3068	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.5	327.8	338.0	2157
3069	Fraser 345kV Voltage	Pre-Fault	6.1	NA	338	3069
3069	Buchanan South 345kV Voltage	Pre-Fault	14.4	NA	346	3069
3070 >E	New Scotland 345kV Voltage Alps	Marcy South S.	5.9	327.8	345.5	3613
3070 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	5.9	327.8	345.5	3613
3070	Oakdale 345kV Voltage	SBK Edic R945	3.4	320	333.4	2224
3070	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	3.4	320	333.4	2224
3072	Oakdale 345kV Voltage	Marcy-N.Scot99 345	3.6	320	333.1	2158
3072	Edic 345kV Voltage	SBK Marcy R3108	6.3	327.8	333.6	2940
3076 >E	Edic 345kV Voltage	Marcy South S.	6.2	327.8	333.8	3616
3078 >E	Marcy 345kV Voltage	Marcy South S.	6.2	327.8	333.5	3616
3080	Ramapo 500kV Voltage	Ravenswood 3	9.6	500	504.9	3178
3083	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	4.3	327.8	334.0	3041
3086 >E	Ramapo 500kV Voltage	Ph2 DC 1500	32.2	500	506.9	3361
3088	Edic 345kV Voltage	Volney-Marcy	4.5	327.8	330.8	3017
3089	Marcy 345kV Voltage	Volney-Marcy	4.4	327.8	330.6	3017
3090 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	8.1	500	503.9	2162
3091 >E	Ramapo 500kV Voltage	SBK Edic R945	8.0	500	503.9	2230
3091 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	8.0	500	503.8	2230
3091	Ramapo 345kV Voltage	Pre-Fault	11.6	NA	346	3091
3094 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.8	320	330.3	3364
3095	Clay 345kV Voltage	Pre-Fault	8.1	NA	345	3095
3099	Edic 345kV Voltage	SBK Princetown 345	4.4	327.8	328.7	2856
3099	Marcy 345kV Voltage	SBK Princetown 345	4.3	327.8	328.5	2856
3099	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	4.6	327.8	330.5	3054
3100	Edic 345kV Voltage	Ravenswood 3	4.7	327.8	328.4	3196

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3100	Marcy 345kV Voltage	Ravenswood 3	4.6	327.8	328.2	3196
3100	Coopers Corners 345kV Voltage	Ravenswood 3	4.8	327.8	331.4	3197
3102	Gordon Rd 345kV Voltage	Ravenswood 3	4.6	327.8	330.0	3198
3102	Gordon Rd 345kV Voltage	Princeton-N.Scot 345	4.7	327.8	329.9	3090
3102	Marcy 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	327.8	3057
3102	Marcy 345kV Voltage	SBK Marcy R3108	5.0	327.8	327.8	2964
3102	Marcy 345kV Voltage	SBK Edic R70	5.0	327.8	327.8	3134
3102	Marcy 345kV Voltage	Prinetown-N.Scot 345	5.0	327.8	327.8	3090
3102	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	327.8	327.8	3060
3103	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	5.0	327.8	327.8	3060
3103	Edic 345kV Voltage	N.Scot-Leeds 345	5.0	327.8	327.8	3058
3103 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	6.9	327.8	334.0	3369
3103	Edic 345kV Voltage	Prinetown-N.Scot 345	5.0	327.8	327.8	3090
3106	Gordon Rd 345kV Voltage	SBK Marcy R3108	5.6	327.8	329.3	2967
3108 >E	Fraser 345kV Voltage	Ph2 DC 1500	5.3	327.8	333.8	3371
3109	Ladentown 345kV Voltage	Pre-Fault	17.4	NA	346	3109
3110 >E	Gilboa 345kV Voltage	Marcy South S.	6.2	327.8	345.3	3630
3111	Coopers Corners 345kV Voltage	SBK Prinetown 345	6.4	327.8	329.7	2865
3112	Gordon Rd 345kV Voltage	Volney-Marcy	5.4	327.8	328.0	3037
3113 >E	Pannell Road 345kV Voltage	Marcy South N.	10.6	327.8	343.0	3859
3118 >E	Coopers Corners 345kV Voltage	SBK Edic R70	6.7	327.8	328.7	3149
3119 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	6.6	327.8	328.5	3073
3121 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	6.8	327.8	341.4	3378
3121 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	6.8	327.8	341.4	3378
3121 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.8	320	324.6	2980
3121 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	6.7	327.8	328.1	3079
3122 >E	Gordon Rd 345kV Voltage	SBK Edic R70	5.8	327.8	326.3	3154
3123 >E	Edic 345kV Voltage	SBK Edic R70	6.2	327.8	324.4	3155
3123 >E	Coopers Corners 345kV Voltage	Prinetown-N.Scot 345	6.7	327.8	327.9	3110
3123 >E	Fraser 345kV Voltage	SBK Edic R70	5.7	327.8	327.8	3155
3123 >E	Fraser 345kV Voltage	SBK Prinetown 345	5.7	327.8	327.8	2875
3123 >E	Fraser 345kV Voltage	Prinetown-N.Scot 345	5.7	327.8	327.8	3111
3123 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	327.8	3077
3123 >E	Fraser 345kV Voltage	Volney-Marcy	5.7	327.8	327.8	3046
3123 >E	Fraser 345kV Voltage	SBK Marcy R3108	5.7	327.8	327.8	2981
3123 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	5.7	327.8	327.8	3081
3123 >E	Fraser 345kV Voltage	Ravenswood 3	5.7	327.8	327.8	3216

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3123 >E	Station 80 345kV Voltage	Marcy South N.	11.3	327.8	341.0	3862
3125 >E	Coopers Corners 345kV Voltage	Volney-Marcy	6.5	327.8	327.6	3047
3127 >E	Clay 345kV Voltage	SBK Edic R945	4.7	327.8	342.1	2242
3127 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.7	327.8	342.1	2242
3130 >E	Oakdale 345kV Voltage	Volney-Marcy	5.8	320	323.2	3051
3136 >E	Oakdale 345kV Voltage	Ravenswood 3	5.7	320	322.3	3226
3138 >E	Oakdale 345kV Voltage	SBK Princetown 345	5.9	320	322.0	2887
3138 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	5.2	327.8	341.0	2172
3140 >E	Leeds 345kV Voltage	Pre-Fault	8.2	NA	345	3140
3140 >E	Roseton 345kV Voltage	Pre-Fault	13.9	NA	345	3140
3142 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	7.1	327.8	325.1	2996
3149 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	6.2	320	320.3	3105
3149 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	6.2	320	320.2	3103
3150 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	6.2	320	320.1	3137
3154 >E	Bowline 2 345kV Voltage	Pre-Fault	16.0	NA	345	3154
3155 >E	Oakdale 345kV Voltage	SBK Edic R70	6.3	320	319.3	3187
3156 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	6.1	327.8	332.0	3109
3156 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	6.1	327.8	332.0	3109
3158 >E	Fraser 345kV Voltage	Marcy South S.	8.3	327.8	327.8	3649
3159 >E	Bowline 1 345kV Voltage	Pre-Fault	18.3	NA	345	3159
3160 >E	St.Lawrence 230kV Voltage	SBK Edic R945	10.3	218.5	224.7	2253
3160 >E	Gilboa 345kV Voltage	SBK Edic R945	6.1	327.8	338.0	2253
3160 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	10.4	218.5	224.7	2253
3161 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	6.1	327.8	338.0	2253
3161 >E	Rock Tavern 345kV Voltage	SBK Edic R945	6.9	327.8	338.3	2253
3161 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	6.9	327.8	338.3	2253
3166 >E	Gordon Rd 345kV Voltage	SBK Edic R945	6.3	327.8	322.0	2255
3166 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	7.1	327.8	337.8	2179
3166 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	6.4	327.8	321.9	2255
3166 >E	Dunwoodie 345kV Voltage	Ravenswood 3	14.6	327.8	336.1	3251
3166 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	6.4	327.8	337.4	2179
3168 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	6.2	327.8	330.2	3252
3168 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	6.2	327.8	330.2	3252
3168 >E	Ramapo 500kV Voltage	SBK Princetown 345	32.4	500	500.6	2911
3168 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	6.3	327.8	332.5	2255
3168 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	6.3	327.8	332.5	2255
3168 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	6.3	327.8	332.5	2255
3168 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	6.3	327.8	332.5	2255
3169 >E	Sprain Brook 345kV Voltage	Ravenswood 3	14.8	327.8	336.2	3253
3172 >E	Oakdale 345kV Voltage	Marcy South S.	7.1	320	319.0	3656

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3174 >E	Leeds 345kV Voltage	Marcy South S.	7.4	327.8	349.0	3656
3176 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	33.4	500	500.4	3128
3176 >E	Clay 345kV Voltage	Ph2 DC 1500	8.2	327.8	340.1	3406
3176 >E	St.Lawrence 230kV Voltage	Pre-Fault	29.8	NA	225	3176
3176 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	6.7	327.8	331.5	2181
3176 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	6.7	327.8	331.5	2181
3176 >E	Pannell Road 345kV Voltage	SBK Edic R945	7.8	327.8	339.1	2258
3177 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	7.8	327.8	339.0	2258
3177 >E	Ramapo 500kV Voltage	Volney-Marcy	33.0	500	500.3	3089
3181 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	6.5	327.8	328.2	3092
3181 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	6.5	327.8	328.2	3092
3184 >E	Ramapo 500kV Voltage	SBK Marcy R3108	33.8	500	500.1	3029
3184 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	34.4	500	500.1	3140
3185 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	6.8	327.8	327.7	3172
3185 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	6.8	327.8	327.7	3172
3185 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	12.4	218.5	223.5	2183
3186 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	6.8	327.8	327.6	3218
3186 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	6.8	327.8	327.6	3218
3187 >E	Ramapo 500kV Voltage	SBK Edic R70	35.0	500	500.0	3219
3187 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	34.5	500	500.0	3174
3188 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	6.9	327.8	327.3	3144
3188 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	6.9	327.8	327.3	3144
3188 >E	Ramapo 500kV Voltage	Pre-Fault	34.6	NA	500	3188
3188 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	6.8	327.8	327.2	3032
3188 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	6.8	327.8	327.2	3032
3192 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	8.7	327.8	338.1	2184
3195 >E	Gilboa 345kV Voltage	Ph2 DC 1500	8.3	327.8	339.5	3415
3195 >E	Buchanan North 345kV Voltage	Ravenswood 3	14.1	327.8	335.9	3274
3197 >E	Rock Tavern 345kV Voltage	Ravenswood 3	9.2	327.8	334.5	3276
3200 >E	Millwood 345kV Voltage	Ravenswood 3	13.4	327.8	336.3	3278
3200 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	6.7	327.8	331.3	3152
3205 >E	Station 80 345kV Voltage	SBK Edic R945	9.8	327.8	338.4	2267
3206 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	9.9	327.8	338.4	2267
3211 >E	Gilboa 345kV Voltage	Ravenswood 3	7.2	327.8	330.0	3287
3213 >E	Buchanan North 345kV Voltage	SBK Edic R945	10.6	327.8	333.7	2270
3213 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	10.6	327.8	333.7	2270
3213 >E	Clay 345kV Voltage	SBK Marcy R3108	8.6	327.8	332.1	3052
3216 >E	Clay 345kV Voltage	Volney-Marcy	8.1	327.8	331.8	3119

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3216 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	7.1	327.8	323.1	2949
3216 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	7.1	327.8	323.1	2949
3216 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	12.1	327.8	338.2	3426
3218 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	333.3	2190
3221 >E	Buchanan South 345kV Voltage	Ravenswood 3	13.1	327.8	336.5	3296
3221 >E	Clay 345kV Voltage	Ravenswood 3	7.8	327.8	331.2	3296
3221 >E	Niagara 230kV East Voltage	Marcy South N.	19.4	218.5	223.8	3889
3221 >E	Niagara 230kV West Voltage	Marcy South N.	19.4	218.5	223.8	3889
3223 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	10.9	327.8	337.5	2191
3226 >E	Station 80 345kV Voltage	Ph2 DC 1500	13.7	327.8	337.6	3431
3226 >E	Gilboa 345kV Voltage	Volney-Marcy	7.9	327.8	328.1	3127
3226 >E	Gilboa 345kV Voltage	SBK Marcy R3108	8.0	327.8	328.1	3063
3228 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	8.1	327.8	327.8	3215
3229 >E	Fraser 345kV Voltage	Marcy South N.	12.6	327.8	327.8	3891
3229 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	8.1	327.8	327.7	3185
3230 >E	Clay 345kV Voltage	SBK Princetown 345	8.3	327.8	330.3	2960
3231 >E	Gilboa 345kV Voltage	SBK Edic R70	8.2	327.8	327.4	3264
3235 >E	St.Lawrence 230kV Voltage	Volney-Marcy	16.8	218.5	223.0	3134
3235 >E	Sprain Brook 345kV Voltage	SBK Edic R945	12.1	327.8	331.0	2277
3235 >E	Dunwoodie 345kV Voltage	SBK Edic R945	12.2	327.8	330.9	2277
3235 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	12.1	327.8	331.0	2277
3236 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	12.2	327.8	330.9	2277
3239 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	18.5	218.5	222.9	3073
3239 >E	Gilboa 345kV Voltage	SBK Princetown 345	8.4	327.8	326.5	2968
3240 >E	St.Lawrence 230kV Voltage	Marcy South N.	23.9	218.5	226.1	3894
3241 >E	Ramapo 345kV Voltage	SBK Edic R945	10.0	327.8	336.1	2279
3241 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	12.3	327.8	330.6	2195
3241 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	12.4	327.8	330.5	2195
3241 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	10.0	327.8	336.1	2279
3248 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	10.2	327.8	335.7	2197
3249 >E	Millwood 345kV Voltage	SBK Edic R945	11.3	327.8	332.0	2282
3249 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	11.3	327.8	332.0	2281
3252 >E	Buchanan South 345kV Voltage	SBK Edic R945	10.8	327.8	333.3	2283
3252 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	9.3	327.8	327.9	3207
3252 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	10.9	327.8	333.3	2282
3252 >E	Clay 345kV Voltage	N.Scot-Leeds 345	9.3	327.8	327.9	3203
3253 >E	Clay 345kV Voltage	Princetown-N.Scot 345	9.3	327.8	327.8	3239
3255 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	22.5	218.5	223.9	3446
3256 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	11.6	327.8	331.5	2198

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\FCC33_3322_OP\Sum2023_CEVC_PH2_50_FCC33_3322_OP.xlsx

1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3256 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	11.2	327.8	333.4	3324
3257 >E	Clay 345kV Voltage	Marcy South S.	10.6	327.8	334.0	3691
3258 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	11.1	327.8	332.8	2199
3261 >E	Ladentown 345kV Voltage	SBK Edic R945	10.1	327.8	335.9	2285
3261 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	10.1	327.8	335.9	2285
3262 >E	Pleasant Valley 345kV Voltage	Marcy South S.	14.2	327.8	341.4	3693
3263 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	11.5	327.8	328.9	2987
3263 >E	Ramapo 345kV Voltage	Ravenswood 3	13.4	327.8	336.2	3330
3267 >E	Roseton 345kV Voltage	Ravenswood 3	9.9	327.8	335.9	3333
3268 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	10.3	327.8	335.4	2201
3268 >E	Clay 345kV Voltage	SBK Edic R70	9.6	327.8	326.2	3301
3268 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	11.7	327.8	328.5	3218
3269 >E	Ladentown 345kV Voltage	Ravenswood 3	12.9	327.8	336.8	3335
3270 >E	St.Lawrence 230kV Voltage	Ravenswood 3	19.7	218.5	221.8	3335
3272 >E	Rock Tavern 345kV Voltage	SBK Edic R70	11.9	327.8	328.1	3305
3273 >E	Leeds 345kV Voltage	Ph2 DC 1500	8.9	327.8	343.8	3455
3274 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	11.9	327.8	328.0	3229
3274 >E	Bowline 2 345kV Voltage	SBK Edic R945	9.8	327.8	336.4	2290
3275 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	9.8	327.8	336.4	2290
3275 >E	Gilboa 345kV Voltage	Marcy South N.	13.9	327.8	341.0	3904
3275 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	11.9	327.8	327.9	3262
3276 >E	Pannell Road 345kV Voltage	Ravenswood 3	12.2	327.8	331.1	3340
3278 >E	Rock Tavern 345kV Voltage	Volney-Marcy	11.8	327.8	327.7	3168
3281 >E	Bowline 1 345kV Voltage	SBK Edic R945	10.3	327.8	336.6	2292
3281 >E	Leeds 345kV Voltage	SBK Princetown 345	8.2	327.8	327.8	3001
3281 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	8.2	327.8	327.8	3235
3281 >E	Leeds 345kV Voltage	SBK Edic R70	8.2	327.8	327.8	3314
3281 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	8.2	327.8	327.8	3231
3281 >E	Leeds 345kV Voltage	Volney-Marcy	8.2	327.8	327.8	3170
3281 >E	Leeds 345kV Voltage	SBK Marcy R3108	8.2	327.8	327.8	3106
3281 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	8.2	327.8	327.8	3267
3281 >E	Leeds 345kV Voltage	Ravenswood 3	8.2	327.8	327.8	3344
3281 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	10.3	327.8	336.6	2292
3281 >E	Bowline 2 345kV Voltage	Ravenswood 3	12.1	327.8	337.0	3344
3281 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	10.0	327.8	335.9	2204
3288 >E	Pannell Road 345kV Voltage	Volney-Marcy	12.7	327.8	330.3	3176
3288 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	10.5	327.8	336.1	2206
3293 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	13.9	327.8	336.7	3465
3294 >E	Leeds 345kV Voltage	Marcy South N.	12.5	327.8	350.2	3909

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3295 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	13.6	327.8	329.7	3117
3298 >E	Pannell Road 345kV Voltage	SBK Princetown 345	12.9	327.8	329.5	3015
3298 >E	Bowline 1 345kV Voltage	Ravenswood 3	13.4	327.8	337.4	3358
3299 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	12.4	327.8	325.9	3120
3299 >E	Station 80 345kV Voltage	Ravenswood 3	14.2	327.8	331.0	3359
3304 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	11.6	327.8	330.4	2299
3304 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	11.6	327.8	330.4	2299
3306 >E	Roseton 345kV Voltage	SBK Edic R945	11.1	327.8	334.6	2300
3306 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	11.2	327.8	334.6	2300
3312 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	11.8	327.8	329.8	2211
3314 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	11.4	327.8	334.0	2211
3315 >E	Somerset 345kV Voltage	Marcy South N.	16.9	327.8	341.9	3915
3319 >E	Station 80 345kV Voltage	Volney-Marcy	14.8	327.8	329.8	3200
3319 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	12.9	327.8	328.7	3268
3321 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	9.7	327.8	327.8	2305
3321 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	9.7	327.8	327.8	2213
3321 >E	Leeds 345kV Voltage	SBK Edic R945	9.7	327.8	327.8	2305
3322 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	19.3	327.8	328.3	3271
3322 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	14.2	327.8	327.8	3276
3323 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	14.2	327.8	327.8	3308
3323 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	14.2	327.8	327.8	3272
3328 >E	Station 80 345kV Voltage	SBK Princetown 345	15.0	327.8	329.3	3039
3328 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	14.7	327.8	339.0	3483
3329 >E	Dunwoodie 345kV Voltage	SBK Edic R70	19.8	327.8	327.9	3363
3330 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	19.8	327.8	328.3	3278
3330 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	13.3	327.8	327.8	3363
3331 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	13.3	327.8	327.8	3316
3331 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	19.7	327.8	327.8	3317
3332 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	19.8	327.8	327.8	3285
3332 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	13.3	327.8	327.7	3286
3333 >E	Station 80 345kV Voltage	SBK Marcy R3108	16.0	327.8	329.0	3147
3333 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	13.2	327.8	327.6	3212
3334 >E	Pannell Road 345kV Voltage	SBK Edic R70	14.5	327.8	327.0	3367
3334 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	19.5	327.8	327.7	3043
3334 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	19.9	327.8	336.5	3486
3334 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	25.9	218.5	219.7	3044
3335 >E	Dunwoodie 345kV Voltage	Volney-Marcy	19.7	327.8	327.6	3213
3337 >E	Sprain Brook 345kV Voltage	SBK Edic R70	20.3	327.8	327.9	3371

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3339 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	20.2	327.8	327.8	3325
3340 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	13.3	327.8	327.1	3048
3340 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	20.3	327.8	327.8	3293
3340 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	17.4	327.8	328.4	3288
3342 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	20.0	327.8	327.7	3050
3342 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	13.5	327.8	326.9	3154
3343 >E	Sprain Brook 345kV Voltage	Volney-Marcy	20.2	327.8	327.6	3220
3344 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	19.2	327.8	328.4	3292
3347 >E	Buchanan North 345kV Voltage	SBK Princetown 345	19.1	327.8	328.2	3054
3348 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	20.2	327.8	326.9	3159
3349 >E	Millwood 345kV Voltage	SBK Edic R70	17.8	327.8	327.9	3382
3350 >E	Pannell Road 345kV Voltage	Marcy South S.	16.4	327.8	331.1	3729
3351 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	17.8	327.8	327.8	3336
3351 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	17.8	327.8	327.8	3304
3352 >E	Millwood 345kV Voltage	SBK Princetown 345	17.5	327.8	327.7	3058
3352 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	16.4	327.8	327.8	3338
3352 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	16.4	327.8	327.8	3306
3353 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	16.4	327.8	327.8	3301
3353 >E	Buchanan North 345kV Voltage	SBK Edic R70	19.7	327.8	327.9	3386
3354 >E	Millwood 345kV Voltage	Volney-Marcy	17.7	327.8	327.6	3228
3354 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	19.7	327.8	327.8	3308
3355 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	19.7	327.8	327.8	3341
3356 >E	Niagara 230kV East Voltage	SBK Edic R945	21.9	218.5	222.1	2316
3356 >E	Niagara 230kV West Voltage	SBK Edic R945	21.9	218.5	222.1	2316
3356 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	21.9	218.5	222.1	2316
3356 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	21.9	218.5	222.1	2316
3357 >E	Buchanan North 345kV Voltage	Volney-Marcy	19.5	327.8	327.7	3230
3357 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	20.8	327.8	326.9	3166
3361 >E	St.Lawrence 230kV Voltage	Marcy South S.	28.1	218.5	220.8	3734
3362 >E	Station 80 345kV Voltage	SBK Edic R70	16.7	327.8	327.2	3395
3362 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	17.1	327.8	328.4	3310
3365 >E	Millwood 345kV Voltage	Ph2 DC 1500	19.4	327.8	336.7	3502
3366 >E	Ramapo 500kV Voltage	Marcy South S.	50.8	500	504.7	3736
3366 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	22.7	218.5	221.8	2223
3366 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	22.7	218.5	221.8	2223
3368 >E	Millwood 345kV Voltage	SBK Marcy R3108	18.2	327.8	326.8	3175
3368 >E	Watercure 230kV Voltage	Marcy South N.	25.9	207	231.0	3930

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3368 >E	Watercure 230kV Voltage	SBK Edic R945	14.9	207	227.0	2320
3370 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	29.8	218.5	218.5	3356
3370 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	22.5	327.8	335.2	3504
3371 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	15.0	207	227.0	2321
3371 >E	Buchanan South 345kV Voltage	SBK Princetown 345	17.2	327.8	328.0	3073
3371 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	22.7	327.8	335.1	3505
3371 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	29.9	218.5	218.4	3324
3371 >E	Buchanan South 345kV Voltage	SBK Edic R70	17.6	327.8	327.9	3405
3372 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	29.9	218.5	218.4	3319
3372 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	13.7	327.8	328.4	3319
3373 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	17.5	327.8	327.8	3359
3373 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	17.5	327.8	327.8	3326
3374 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	20.2	327.8	326.9	3179
3376 >E	Buchanan South 345kV Voltage	Volney-Marcy	17.4	327.8	327.7	3245
3378 >E	Roseton 345kV Voltage	SBK Princetown 345	13.7	327.8	328.0	3078
3378 >E	Roseton 345kV Voltage	SBK Edic R70	14.0	327.8	327.9	3412
3380 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	13.9	327.8	327.8	3365
3380 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	13.9	327.8	327.8	3333
3381 >E	Station 80 345kV Voltage	Marcy South S.	18.7	327.8	330.1	3742
3382 >E	Roseton 345kV Voltage	Volney-Marcy	13.9	327.8	327.7	3250
3384 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	19.2	327.8	337.6	3511
3391 >E	St.Lawrence 230kV Voltage	SBK Edic R70	32.1	218.5	217.8	3425
3391 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	17.9	327.8	326.8	3193
3392 >E	Ramapo 500kV Voltage	Marcy South N.	60.6	500	504.0	3936
3395 >E	Roseton 345kV Voltage	SBK Marcy R3108	14.3	327.8	326.7	3197
3402 >E	Ramapo 345kV Voltage	SBK Princetown 345	17.6	327.8	328.6	3098
3403 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	17.8	327.8	328.5	3350
3406 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	16.7	207	226.4	2232
3408 >E	Ramapo 345kV Voltage	Ph2 DC 1500	19.3	327.8	338.3	3524
3413 >E	Ramapo 345kV Voltage	SBK Edic R70	18.2	327.8	327.9	3447
3414 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	17.0	327.8	328.5	3360
3414 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	18.2	327.8	327.9	3366
3415 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	18.2	327.8	327.8	3400
3415 >E	Ladentown 345kV Voltage	SBK Princetown 345	16.9	327.8	328.4	3108
3416 >E	Ramapo 345kV Voltage	Volney-Marcy	18.0	327.8	327.8	3277
3417 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	15.6	327.8	328.5	3364
3418 >E	Bowline 2 345kV Voltage	SBK Princetown 345	15.5	327.8	328.4	3111

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3424 >E	Ladentown 345kV Voltage	SBK Edic R70	17.5	327.8	327.9	3458
3425 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	17.4	327.8	327.9	3377
3426 >E	Ladentown 345kV Voltage	Princeton-N.Scot 345	17.4	327.8	327.8	3411
3427 >E	Ladentown 345kV Voltage	Volney-Marcy	17.3	327.8	327.8	3286
3427 >E	Bowline 2 345kV Voltage	SBK Edic R70	16.0	327.8	327.9	3461
3428 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	15.9	327.8	327.9	3379
3428 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	15.9	327.8	327.8	3413
3428 >E	Roseton 345kV Voltage	Ph2 DC 1500	17.3	327.8	339.3	3534
3429 >E	Bowline 2 345kV Voltage	Volney-Marcy	15.8	327.8	327.8	3288
3434 >E	Ladentown 345kV Voltage	Ph2 DC 1500	19.2	327.8	339.1	3536
3436 >E	Ramapo 345kV Voltage	SBK Marcy R3108	18.7	327.8	326.7	3229
3442 >E	Millwood 345kV Voltage	Marcy South S.	23.4	327.8	334.5	3767
3444 >E	Dunwoodie 345kV Voltage	Marcy South S.	27.2	327.8	333.3	3768
3445 >E	Ladentown 345kV Voltage	SBK Marcy R3108	17.8	327.8	326.7	3236
3446 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	16.3	327.8	326.7	3237
3449 >E	Sprain Brook 345kV Voltage	Marcy South S.	27.2	327.8	333.3	3770
3461 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	17.9	327.8	328.6	3406
3461 >E	Bowline 1 345kV Voltage	SBK Princeton 345	17.8	327.8	328.5	3145
3463 >E	Pleasant Valley 345kV Voltage	Marcy South N.	23.9	327.8	341.5	3956
3465 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	19.3	327.8	339.9	3552
3472 >E	Bowline 1 345kV Voltage	SBK Edic R70	18.4	327.8	327.9	3507
3473 >E	Coopers Corners 345kV Voltage	Marcy South N.	19.5	327.8	313.5	3959
3474 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	18.3	327.8	327.9	3424
3474 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	19.2	327.8	340.1	3557
3474 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	18.3	327.8	327.8	3459
3475 >E	Bowline 1 345kV Voltage	Volney-Marcy	18.2	327.8	327.8	3324
3496 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	18.8	327.8	326.6	3276
3497 >E	Roseton 345kV Voltage	Marcy South S.	20.0	327.8	337.1	3790
3505 >E	Somerset 345kV Voltage	Pre-Fault	31.5	NA	338	3505
3536 >E	Buchanan South 345kV Voltage	Marcy South S.	25.0	327.8	333.2	3806
3541 >E	Somerset 345kV Voltage	Ph2 DC 1500	25.0	327.8	339.7	3591
3577 >E	Watercure 230kV Voltage	Ph2 DC 1500	25.1	207	227.0	3609
3586 >E	Buchanan North 345kV Voltage	Marcy South S.	28.9	327.8	329.5	3827
3611 >E	Somerset 345kV Voltage	SBK Edic R945	25.0	327.8	346.1	2399
3615 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	25.2	327.8	346.0	2400
3616 >E	Gardenville 230kV Voltage	Marcy South N.	27.7	207	221.1	3999
3672 >E	Somerset 345kV Voltage	Ravenswood 3	26.2	327.8	332.7	3663
3701 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	29.0	327.8	345.2	2298

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3709 >E	Niagara 345kV Voltage	Marcy South N.	27.2	327.8	346.0	4024
3737 >E	Millwood 345kV Voltage	Marcy South N.	39.9	327.8	335.3	4032
3752 >E	Somerset 345kV Voltage	Volney-Marcy	28.5	327.8	330.2	3543
3756 >E	Dunwoodie 345kV Voltage	Marcy South N.	47.2	327.8	334.1	4037
3760 >E	Sprain Brook 345kV Voltage	Marcy South N.	47.2	327.8	334.1	4039
3763 >E	Rainey 345kV Voltage	Ravenswood 3	36.4	327.8	343.2	3738
3764 >E	Somerset 345kV Voltage	SBK Princetown 345	28.9	327.8	329.8	3387
3768 >E	Rock Tavern 345kV Voltage	Marcy South S.	26.5	327.8	315.9	3902
3779 >E	Ladentown 345kV Voltage	Marcy South S.	29.5	327.8	329.1	3907
3780 >E	Roseton 345kV Voltage	Marcy South N.	32.0	327.8	338.7	4044
3803 >E	Ramapo 345kV Voltage	Marcy South S.	31.2	327.8	326.8	3917
3805 >E	Farragut 345kV Voltage	Ravenswood 3	38.3	327.8	342.5	3772
3827 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	31.5	327.8	327.8	3809
3828 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	31.5	327.8	327.7	3773
3830 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	31.6	327.8	327.7	3765
3833 >E	Somerset 345kV Voltage	SBK Marcy R3108	31.8	327.8	327.6	3543
3834 >E	Bowline 1 345kV Voltage	Marcy South S.	29.8	327.8	329.3	3930
3837 >E	Rock Tavern 345kV Voltage	Marcy South N.	33.6	327.8	326.3	4060
3839 >E	Somerset 345kV Voltage	SBK Edic R70	32.1	327.8	327.4	3876
3859 >E	Buchanan South 345kV Voltage	Marcy South N.	42.0	327.8	334.6	4066
3864 >E	Buchanan North 345kV Voltage	Marcy South N.	46.5	327.8	332.0	4068
3868 >E	Bowline 2 345kV Voltage	Marcy South S.	30.5	327.8	328.8	3944
3958 >E	Somerset 345kV Voltage	Marcy South S.	38.4	327.8	329.7	3981
4018 >E	Coopers Corners 345kV Voltage	Marcy South S.	26.7	327.8	247.8	4006
4120 >E	Rainey 345kV Voltage	Pre-Fault	68.3	NA	338	4120
4121 >E	Watercure 230kV Voltage	Ravenswood 3	43.4	207	216.0	4030
4129 >E	Farragut 345kV Voltage	Pre-Fault	71.1	NA	338	4129
4135 >E	Gardenville 230kV Voltage	SBK Edic R945	42.2	207	222.9	2569
4141 >E	Rainey 345kV Voltage	SBK Edic R945	41.8	327.8	333.0	2571
4141 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	42.5	207	222.8	2570
4142 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	41.8	327.8	333.0	2570
4142 >E	Goethals 345kV Voltage	Ravenswood 3	51.6	327.8	341.9	4047
4147 >E	Ramapo 345kV Voltage	Marcy South N.	48.7	327.8	330.6	4146
4161 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	42.5	327.8	332.6	2400
4165 >E	Farragut 345kV Voltage	SBK Edic R945	43.6	327.8	333.0	2579
4166 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	43.6	327.8	332.9	2578
4177 >E	Ladentown 345kV Voltage	Marcy South N.	47.9	327.8	331.7	4154
4185 >E	Watercure 230kV Voltage	Pre-Fault	64.9	NA	215	4185
4186 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	44.3	327.8	332.6	2406
4245 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	46.5	207	221.8	2419

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4251 >E	Niagara 230kV East Voltage	Pre-Fault	169.4	NA	225	4251
4251 >E	Niagara 230kV West Voltage	Pre-Fault	169.4	NA	225	4251
4260 >E	Bowline 1 345kV Voltage	Marcy South N.	48.1	327.8	331.9	4177
4260 >E	Watercure 230kV Voltage	Volney-Marcy	49.1	207	213.8	3945
4281 >E	Watercure 230kV Voltage	SBK Marcy R3108	51.1	207	213.5	3898
4366 >E	Bowline 2 345kV Voltage	Marcy South N.	51.2	327.8	330.6	4207
4369 >E	Watercure 230kV Voltage	SBK Princetown 345	52.6	207	212.2	3871
4410 >E	Niagara 345kV Voltage	Ph2 DC 1500	50.4	327.8	343.5	4031
4447 >E	Niagara 345kV Voltage	Pre-Fault	68.0	NA	338	4447
4482 >E	Niagara 230kV East Voltage	Ph2 DC 1500	112.8	218.5	227.9	4067
4482 >E	Niagara 230kV West Voltage	Ph2 DC 1500	112.8	218.5	227.9	4067
4524 >E	Goethals 345kV Voltage	Pre-Fault	98.1	NA	338	4524
4559 >E	Goethals 345kV Voltage	SBK Edic R945	59.4	327.8	332.8	2706
4561 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	59.5	327.8	332.7	2705
4578 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	60.1	327.8	332.5	2493
4589 >E	Niagara 230kV East Voltage	Ravenswood 3	116.5	218.5	223.0	4411
4589 >E	Niagara 230kV West Voltage	Ravenswood 3	116.5	218.5	223.0	4411
4639 >E	Niagara 345kV Voltage	Ravenswood 3	53.0	327.8	335.2	4452
4685 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	64.3	207	207.3	4615
4699 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	64.7	207	207.1	4675
4711 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	65.3	207	206.9	4623
4771 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	66.6	327.8	328.5	4681
4799 >E	Rainey 345kV Voltage	SBK Princetown 345	67.3	327.8	328.1	4214
4807 >E	Watercure 230kV Voltage	SBK Edic R70	68.5	207	205.4	4852
4807 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	69.4	327.8	328.5	4716
4815 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	68.2	327.8	327.8	4791
4816 >E	Rainey 345kV Voltage	SBK Edic R70	68.4	327.8	327.8	4861
4818 >E	Rainey 345kV Voltage	Volney-Marcy	68.1	327.8	327.8	4386
4818 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	68.3	327.8	327.8	4745
4836 >E	Farragut 345kV Voltage	SBK Princetown 345	70.1	327.8	328.1	4243
4853 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	71.0	327.8	327.8	4828
4854 >E	Farragut 345kV Voltage	SBK Edic R70	71.2	327.8	327.8	4899
4855 >E	Farragut 345kV Voltage	Volney-Marcy	70.9	327.8	327.8	4415
4856 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	71.1	327.8	327.8	4782
4869 >E	Rainey 345kV Voltage	Ph2 DC 1500	70.8	327.8	339.7	4263
4873 >E	Rainey 345kV Voltage	SBK Marcy R3108	70.1	327.8	327.0	4368
4895 >E	Farragut 345kV Voltage	Ph2 DC 1500	73.3	327.8	339.5	4276
4906 >E	Niagara 345kV Voltage	Volney-Marcy	60.3	327.8	331.3	4455

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4912 >E	Farragut 345kV Voltage	SBK Marcy R3108	72.9	327.8	327.0	4398
4936 >E	Niagara 345kV Voltage	SBK Princetown 345	61.3	327.8	330.8	4324
5004 >E	Niagara 230kV East Voltage	Volney-Marcy	143.4	218.5	220.6	4533
5004 >E	Niagara 230kV West Voltage	Volney-Marcy	143.4	218.5	220.6	4533
5036 >E	Niagara 230kV East Voltage	SBK Princetown 345	146.0	218.5	220.4	4404
5036 >E	Niagara 230kV West Voltage	SBK Princetown 345	146.0	218.5	220.4	4404
5143 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	68.1	327.8	327.8	5117
5148 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	68.3	327.8	327.7	5069
5153 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	68.4	327.8	327.6	5052
5166 >E	Niagara 345kV Voltage	SBK Edic R70	69.1	327.8	327.4	5214
5245 >E	Niagara 345kV Voltage	SBK Marcy R3108	71.1	327.8	326.3	4663
5254 >E	Rainey 345kV Voltage	Marcy South S.	85.0	327.8	336.7	4518
5287 >E	Farragut 345kV Voltage	Marcy South S.	88.0	327.8	336.5	4532
5354 >E	Niagara 230kV East Voltage	SBK Edic R70	170.4	218.5	218.5	5403
5354 >E	Niagara 230kV West Voltage	SBK Edic R70	170.4	218.5	218.5	5403
5355 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	169.6	218.5	218.5	5327
5355 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	169.6	218.5	218.5	5327
5360 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	170.1	218.5	218.4	5277
5360 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	170.1	218.5	218.4	5277
5366 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	170.5	218.5	218.4	5260
5366 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	170.5	218.5	218.4	5260
5461 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	95.7	327.8	328.5	5352
5495 >E	Goethals 345kV Voltage	SBK Princetown 345	96.7	327.8	328.1	4771
5521 >E	Goethals 345kV Voltage	Ph2 DC 1500	98.5	327.8	339.4	4593
5523 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	98.0	327.8	327.8	5493
5523 >E	Goethals 345kV Voltage	Volney-Marcy	97.8	327.8	327.8	4944
5525 >E	Goethals 345kV Voltage	SBK Edic R70	98.2	327.8	327.8	5576
5526 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	98.1	327.8	327.8	5440
5543 >E	Niagara 230kV East Voltage	SBK Marcy R3108	182.7	218.5	217.4	4899
5543 >E	Niagara 230kV West Voltage	SBK Marcy R3108	182.7	218.5	217.4	4899
5597 >E	Goethals 345kV Voltage	SBK Marcy R3108	100.5	327.8	327.1	4942
5766 >E	Niagara 345kV Voltage	Marcy South S.	91.2	327.8	329.5	4730
6029 >E	Goethals 345kV Voltage	Marcy South S.	118.0	327.8	336.6	4840
6939 >E	Niagara 230kV East Voltage	Marcy South S.	275.9	218.5	219.7	5217
6939 >E	Niagara 230kV West Voltage	Marcy South S.	275.9	218.5	219.7	5217
6981 >E	Rainey 345kV Voltage	Marcy South N.	150.9	327.8	338.2	4933
7041 >E	Farragut 345kV Voltage	Marcy South N.	156.3	327.8	338.0	4949

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2760 MS2270 DE1710 50 FCC33_3322_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7137 >E	Northport 138kV Voltage	Pre-Fault	458.5	NA	135	7137
7332 >E	Northport 138kV Voltage	Ravenswood 3	341.6	131.1	134.6	6649
8381 >E	Goethals 345kV Voltage	Marcy South N.	210.3	327.8	338.0	5322
8823 >E	Northport 138kV Voltage	N.Scot-Leeds 345	450.7	131.1	131.3	8625
8893 >E	Northport 138kV Voltage	SBK Princetown 345	455.5	131.1	131.2	7486
8922 >E	Northport 138kV Voltage	Princetown-N.Scot 345	458.2	131.1	131.1	8869
8929 >E	Northport 138kV Voltage	SBK Edic R70	459.0	131.1	131.1	9007
8930 >E	Northport 138kV Voltage	Volney-Marcy	458.5	131.1	131.1	7637
8932 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	459.0	131.1	131.1	8785
9063 >E	Northport 138kV Voltage	SBK Marcy R3108	468.5	131.1	130.8	7689
9281 >E	Watercure 230kV Voltage	Marcy South S.	237.9	207	170.2	6188
9829 >E	Northport 138kV Voltage	Ph2 DC 1500	537.7	131.1	136.4	6773
11324 >E	Northport 138kV Voltage	Marcy South S.	655.1	131.1	134.8	7034
11592 >E	Gardenville 230kV Voltage	Ph2 DC 1500	334.2	207	274.3	7665
12191 >E	Gardenville 230kV Voltage	Ravenswood 3	344.2	207	236.7	10613
17618 >E	Northport 138kV Voltage	Marcy South N.	1150.6	131.1	135.2	7886
29933 >E	Niagara 345kV Voltage	SBK Edic R945	928.2	327.8	811.9	10932
31181 >E	Gardenville 230kV Voltage	Volney-Marcy	1053.9	207	242.7	25233
35179 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	1109.3	327.8	900.5	12599
37800 >E	Gardenville 230kV Voltage	SBK Princetown 345	1303.4	207	244.8	30584
99998 >E	Gardenville 230kV Voltage	Pre-Fault	NA	NA	217	99998
99998 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

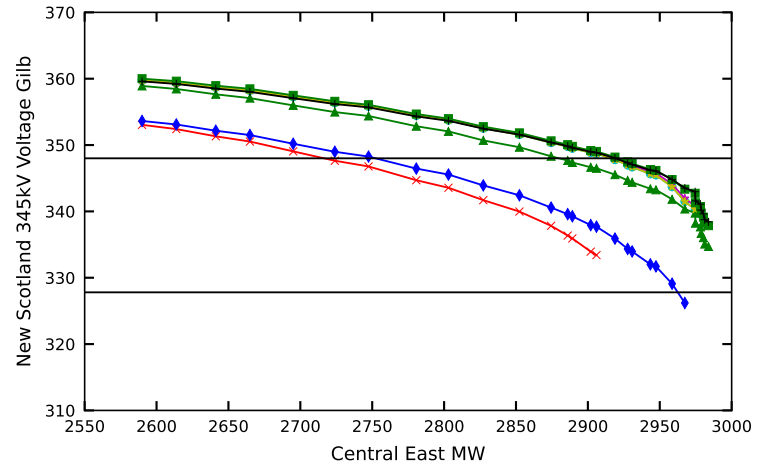
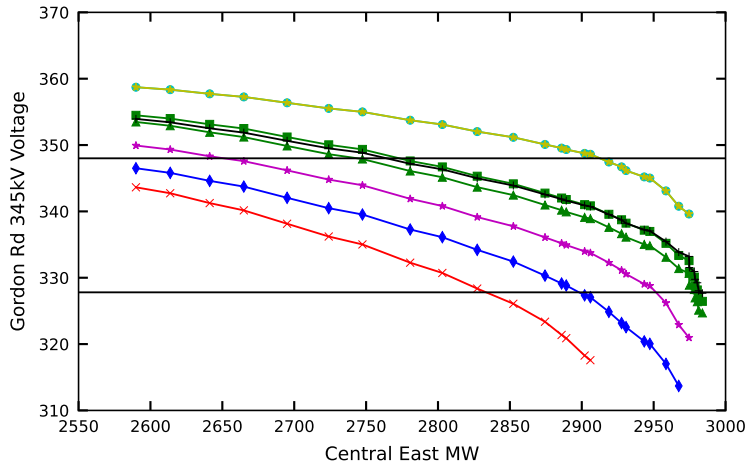
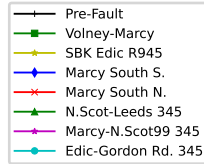
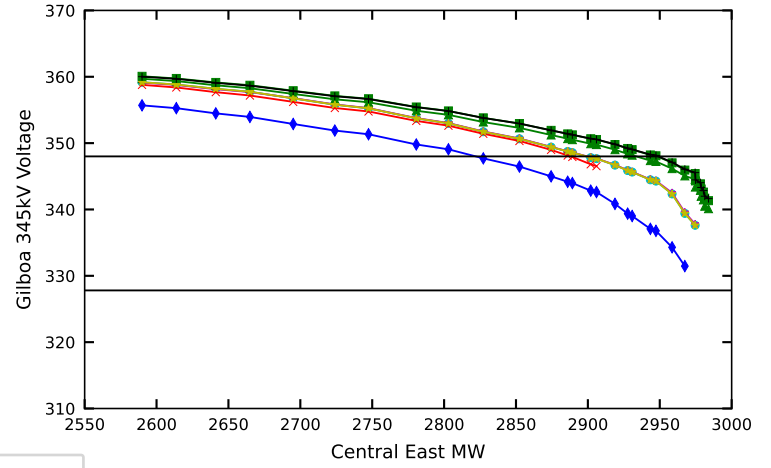
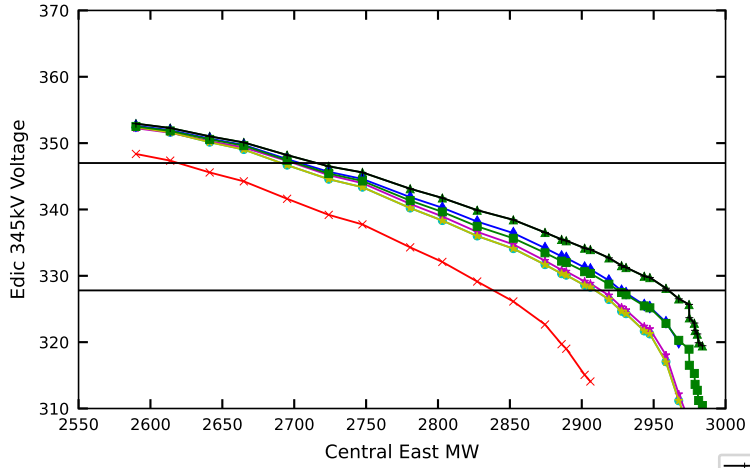
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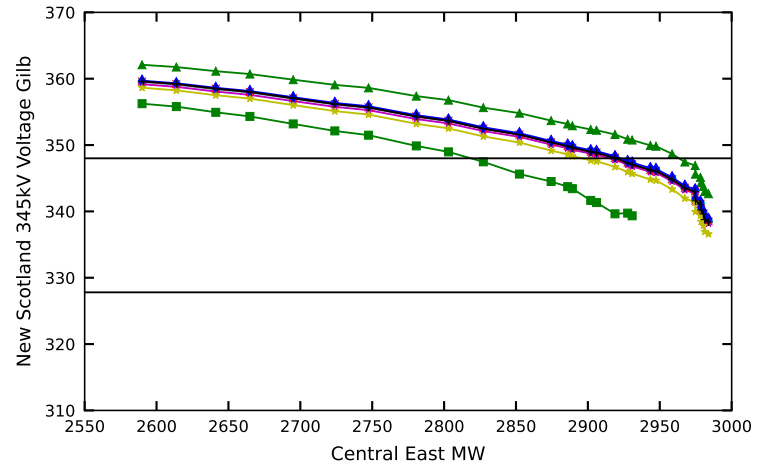
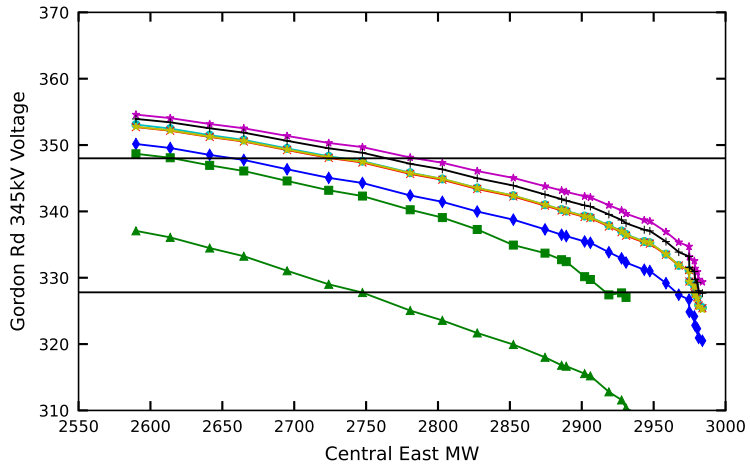
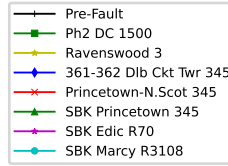
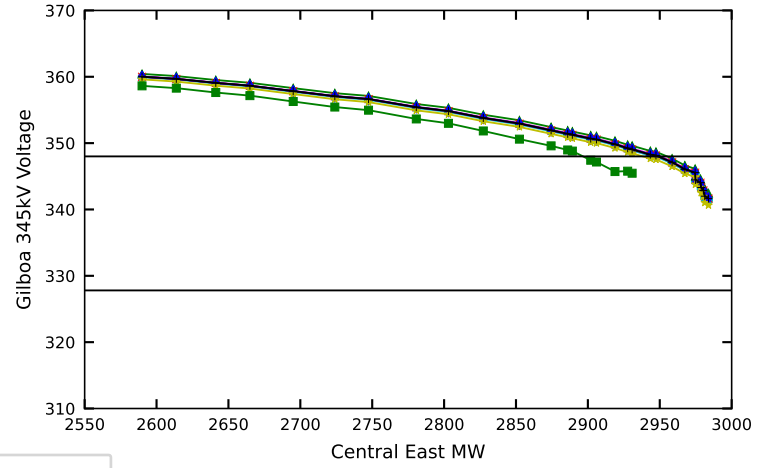
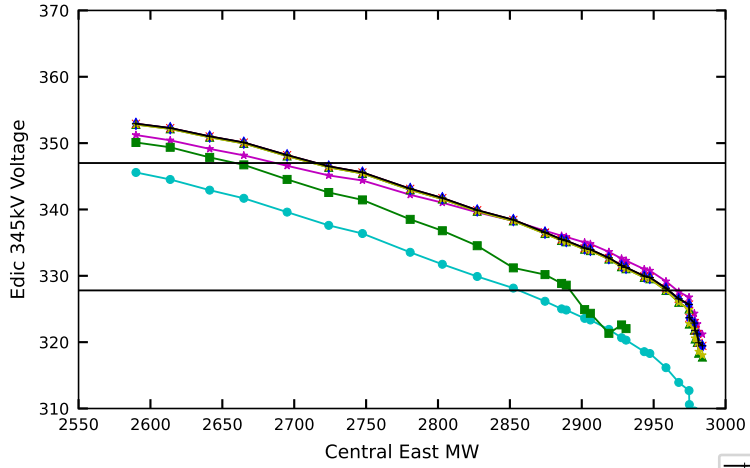
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
99998 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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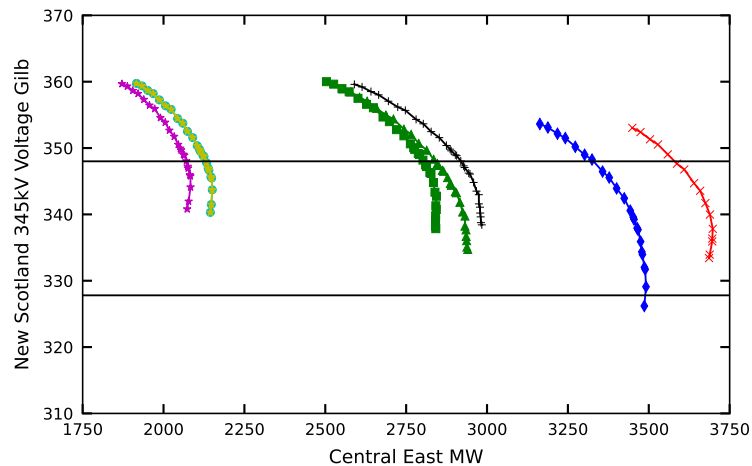
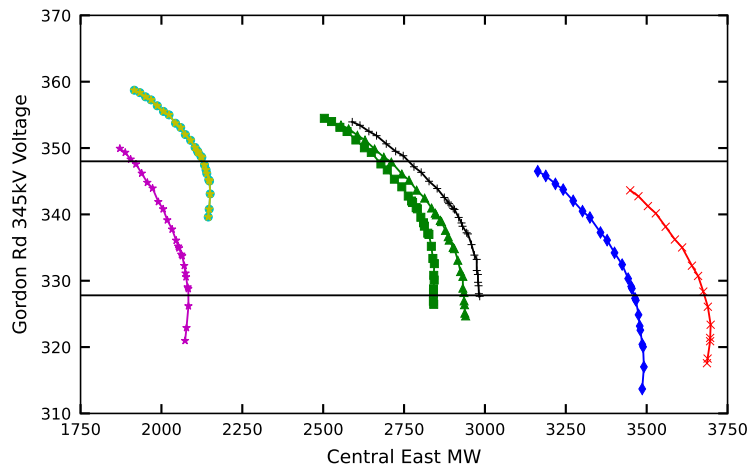
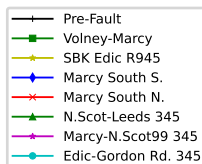
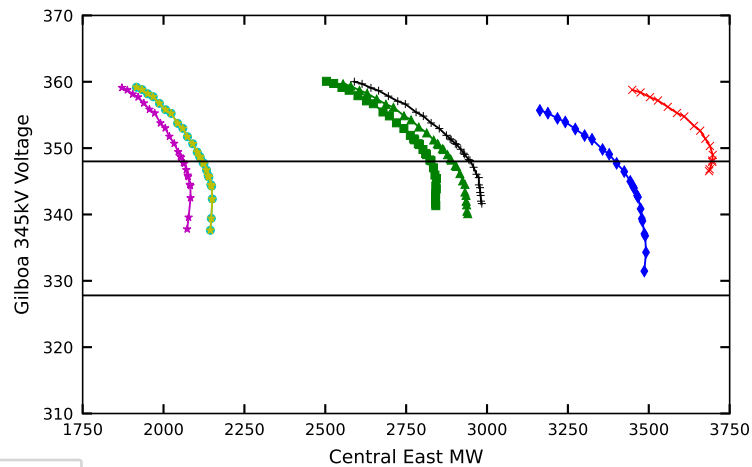
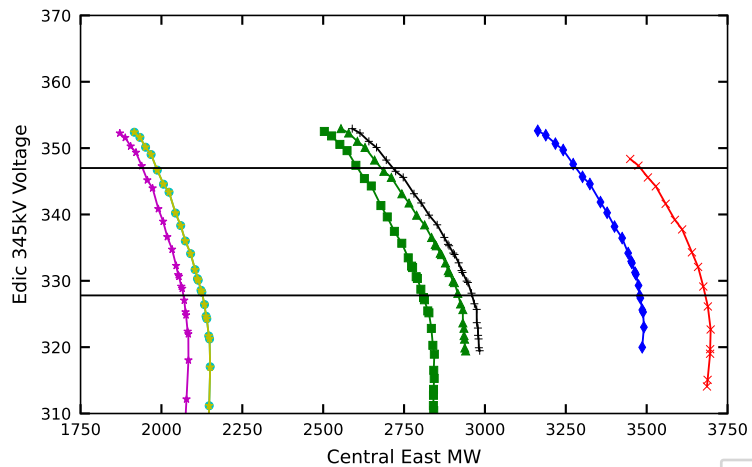
1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS Figure 1



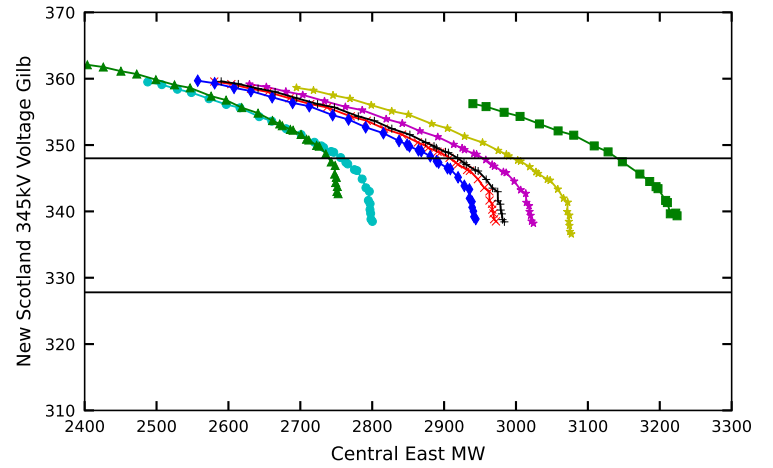
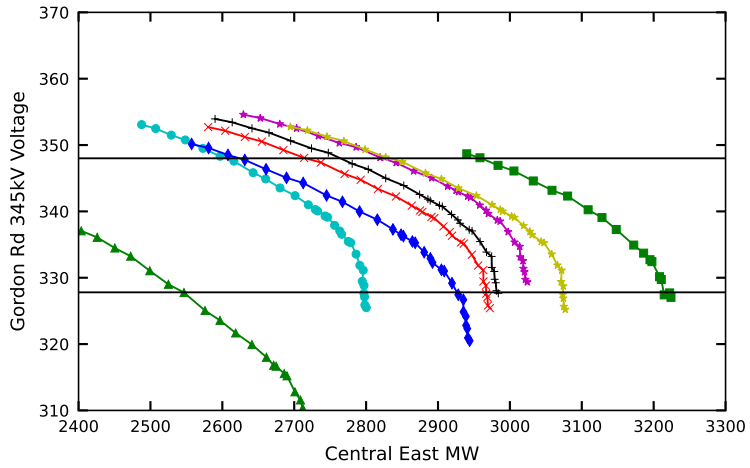
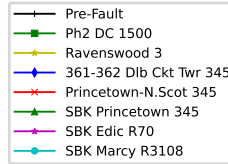
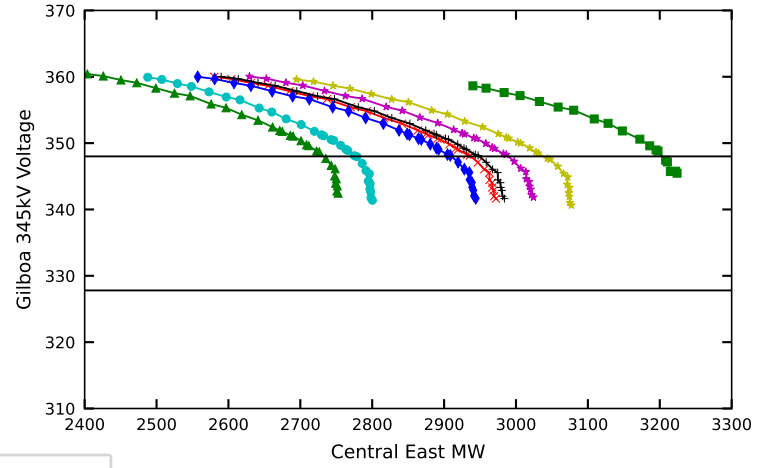
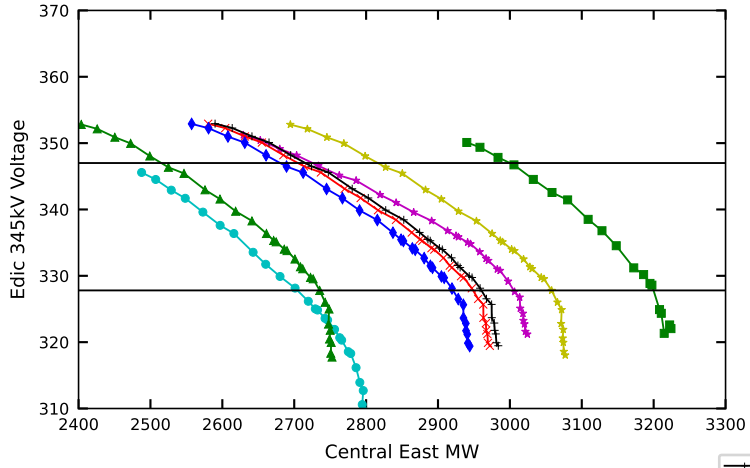
1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS Figure 2



1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS Figure 1



1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\FE1_OS\Sum2023_CEVC_PH2_5O_FE1_OS.xlsx

1: 2023S CEVC PH2 CE2580 MS2270 DE1420 5O FE1_OS

Interface: Central East

2980	t2	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	8															
2981	t2	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	9															
2983	t3	0	2	2	0	2	2	2	0	0	0	0	0	0	0	2
	0															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2258 >E	Dunwoodie 345kV Voltage	Pre-Fault	141.2	NA	348	2258
2292 >E	Sprain Brook 345kV Voltage	Pre-Fault	137.0	NA	348	2292
2699	Marcy 345kV Voltage	Pre-Fault	17.0	NA	348	2699
2715	Edic 345kV Voltage	Pre-Fault	17.1	NA	347	2715
2730	limit with 5% margin	Marcy South N.	NA	NA	NA	3512
2746	Gordon Rd 345kV Voltage	SBK Princetown 345	18.8	327.8	348.9	2546
2764	Gordon Rd 345kV Voltage	Pre-Fault	20.0	NA	348	2764
2783	Millwood 345kV Voltage	Pre-Fault	142.7	NA	348	2783
2784	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3062
2810	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2043
2810	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1979
2810	limit with 5% margin	Marcy South S.	NA	NA	NA	3316
2810	limit with 5% margin	SBK Edic R945	NA	NA	NA	2043
2825	limit with 5% margin	Volney-Marcy	NA	NA	NA	2701
2825	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2656
2825	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2611
2825	limit with 5% margin	Ravenswood 3	NA	NA	NA	2918
2833	Gordon Rd 345kV Voltage	Marcy South N.	11.0	327.8	344.7	3678
2834	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2793
2834	limit with 5% margin	SBK Edic R70	NA	NA	NA	2873
2834	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2823
2834	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2796
2838	Edic 345kV Voltage	Marcy South N.	8.4	327.8	339.2	3681
2841	Marcy 345kV Voltage	Marcy South N.	8.3	327.8	339.1	3682
2856	Edic 345kV Voltage	SBK Marcy R3108	11.1	327.8	338.1	2704
2872	Buchanan North 345kV Voltage	Pre-Fault	59.8	NA	346	2872
2878 >E	Oakdale 345kV Voltage	Marcy South N.	6.7	320	341.6	3699
2891	Edic 345kV Voltage	Ph2 DC 1500	3.5	327.8	335.1	3199
2892	Marcy 345kV Voltage	Ph2 DC 1500	3.4	327.8	335.0	3200
2896	Station 80 345kV Voltage	Pre-Fault	29.5	NA	346	2896
2898	Gordon Rd 345kV Voltage	Marcy South S.	8.6	327.8	341.1	3460
2905	Pannell Road 345kV Voltage	Pre-Fault	55.2	NA	346	2905
2906	Marcy 345kV Voltage	SBK Edic R945	6.9	327.8	333.9	2125
2906	Marcy 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	333.9	2125
2909	Edic 345kV Voltage	SBK Edic R945	7.1	327.8	333.6	2127
2909	Edic 345kV Voltage	Edic-Gordon Rd. 345	6.9	327.8	333.6	2127
2913	Edic 345kV Voltage	Marcy-N.Scot99 345	7.2	327.8	333.2	2067
2916	Gordon Rd 345kV Voltage	Ph2 DC 1500	5.6	327.8	339.7	3213
2919	New Scotland 345kV Voltage Alps	Pre-Fault	12.0	NA	348	2919
2919	New Scotland 345kV Voltage Gilb	Pre-Fault	12.0	NA	348	2919

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2919	Marcy 345kV Voltage	Marcy-N.Scot99 345	5.0	327.8	332.5	2071
2925	Edic 345kV Voltage	Volney-Marcy	7.1	327.8	331.8	2808
2927	Clay 345kV Voltage	Pre-Fault	14.6	NA	345	2927
2927	Edic 345kV Voltage	Marcy South S.	5.7	327.8	331.6	3478
2928	Marcy 345kV Voltage	Volney-Marcy	9.1	327.8	331.4	2810
2930	Marcy 345kV Voltage	Marcy South S.	8.7	327.8	331.3	3480
2939	Oakdale 345kV Voltage	Pre-Fault	6.3	NA	335	2939
2941	Rock Tavern 345kV Voltage	Pre-Fault	17.4	NA	348	2941
2945	Fraser 345kV Voltage	Pre-Fault	15.8	NA	338	2945
2946	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	13.6	327.8	339.0	2148
2946	Coopers Corners 345kV Voltage	SBK Edic R945	14.1	327.8	339.0	2148
2948	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	3.8	327.8	338.9	2083
2948	Gilboa 345kV Voltage	Pre-Fault	10.9	NA	348	2948
2951	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	4.3	327.8	336.4	2083
2953	Fraser 345kV Voltage	SBK Edic R945	2.9	327.8	337.0	2149
2953	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.0	327.8	336.9	2149
2954	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.1	327.8	336.8	2083
2956	Coopers Corners 345kV Voltage	Pre-Fault	8.7	NA	338	2956
2956	Pleasant Valley 345kV Voltage	Pre-Fault	17.0	NA	348	2956
2957	Oakdale 345kV Voltage	SBK Edic R945	2.7	320	332.4	2150
2957	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.8	320	332.4	2150
2958	Edic 345kV Voltage	Ravenswood 3	6.4	327.8	328.1	3058
2958	Edic 345kV Voltage	SBK Princetown 345	6.4	327.8	328.1	2735
2958 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.9	320	332.3	2083
2959	Marcy 345kV Voltage	Ravenswood 3	5.0	327.8	328.0	3058
2959	Marcy 345kV Voltage	SBK Princetown 345	5.0	327.8	328.0	2736
2960	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	5.6	327.8	327.8	2920
2960	Marcy 345kV Voltage	SBK Marcy R3108	5.5	327.8	327.8	2786
2960	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	5.5	327.8	327.8	2921
2960	Marcy 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	327.8	2917
2960	Marcy 345kV Voltage	SBK Edic R70	5.5	327.8	327.8	2999
2960	Marcy 345kV Voltage	Princetown-N.Scot 345	5.5	327.8	327.8	2948
2960	Edic 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	327.8	2917
2960	Edic 345kV Voltage	Princetown-N.Scot 345	5.6	327.8	327.8	2948
2964 >E	New Scotland 345kV Voltage Alps	Marcy South S.	4.3	327.8	344.2	3492
2964 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	4.3	327.8	344.2	3492
2964	Buchanan South 345kV Voltage	Pre-Fault	16.7	NA	346	2964
2965	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	5.1	327.8	334.2	2926

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2966	Edic 345kV Voltage	SBK Edic R70	5.6	327.8	326.7	3005
2967 >E	Ramapo 500kV Voltage	Ph2 DC 1500	18.8	500	507.0	3246
2973 >E	Clay 345kV Voltage	Marcy South N.	10.6	327.8	343.4	3737
2977 >E	New Scotland 345kV Voltage Alps	Marcy South N.	10.3	327.8	344.9	3738
2977 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	10.3	327.8	344.9	3738
2978	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	0.4	327.8	330.6	2935
2978 >E	Oakdale 345kV Voltage	SBK Marcy R3108	6.6	320	329.1	2798
2978	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	0.4	327.8	330.0	2966
2979	Ramapo 345kV Voltage	Pre-Fault	10.8	NA	346	2979
2980	St.Lawrence 230kV Voltage	Pre-Fault	1.9	NA	225	2980
2984 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	6.1	327.8	327.8	2941
2984 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	6.1	327.8	327.8	2973
2984 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	6.1	327.8	327.8	2945
2984 >E	Fraser 345kV Voltage	SBK Edic R70	6.1	327.8	327.8	3025
2987 >E	Gilboa 345kV Voltage	Marcy South S.	4.5	327.8	344.4	3497
2991 >E	Clay 345kV Voltage	SBK Edic R945	4.0	327.8	340.7	2156
2992 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	4.1	327.8	340.7	2156
2993 >E	Coopers Corners 345kV Voltage	SBK Edic R70	8.9	327.8	329.9	3033
2993 >E	Fraser 345kV Voltage	Ph2 DC 1500	6.1	327.8	333.7	3261
2993 >E	Oakdale 345kV Voltage	Volney-Marcy	6.9	320	327.4	2855
2994 >E	Gordon Rd 345kV Voltage	SBK Edic R70	7.1	327.8	326.0	3035
2999 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	4.5	327.8	340.2	2084
3004 >E	Ladentown 345kV Voltage	Pre-Fault	22.3	NA	346	3004
3005 >E	Gordon Rd 345kV Voltage	Ravenswood 3	9.3	327.8	330.4	3096
3005 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	8.6	327.8	328.4	2961
3005 >E	Clay 345kV Voltage	SBK Marcy R3108	8.2	327.8	340.0	2816
3007 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	9.8	327.8	330.2	2817
3007 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	8.3	327.8	328.2	2967
3008 >E	Oakdale 345kV Voltage	Ph2 DC 1500	8.4	320	332.9	3270
3009 >E	Coopers Corners 345kV Voltage	Ravenswood 3	9.0	327.8	332.3	3099
3009 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	8.3	327.8	327.9	2997
3012 >E	Fraser 345kV Voltage	Marcy South S.	6.5	327.8	327.8	3503
3012 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	6.8	320	320.2	2972
3013 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	6.8	320	320.2	2969
3013 >E	Oakdale 345kV Voltage	SBK Edic R70	7.0	320	320.1	3054
3014 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	6.8	320	320.1	3002
3018 >E	Fraser 345kV Voltage	SBK Marcy R3108	7.7	327.8	327.8	2824
3018 >E	Fraser 345kV Voltage	Ravenswood 3	7.7	327.8	327.8	3107

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3018 >E	Fraser 345kV Voltage	Volney-Marcy	7.7	327.8	327.8	2871
3018 >E	Fraser 345kV Voltage	SBK Princetown 345	7.7	327.8	327.8	2781
3018 >E	Gordon Rd 345kV Voltage	Volney-Marcy	9.2	327.8	329.2	2872
3019 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	7.7	327.8	340.0	3276
3019 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	7.7	327.8	340.0	3276
3020 >E	Leeds 345kV Voltage	Pre-Fault	9.9	NA	345	3020
3022 >E	St.Lawrence 230kV Voltage	SBK Edic R945	9.2	218.5	225.8	2161
3024 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	9.5	218.5	225.7	2161
3025 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	10.1	327.8	335.6	3280
3031 >E	Oakdale 345kV Voltage	Ravenswood 3	7.4	320	323.2	3117
3031 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	9.5	327.8	330.1	2792
3033 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	7.2	327.8	332.1	2989
3033 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	7.2	327.8	332.1	2989
3034 >E	Oakdale 345kV Voltage	Marcy South S.	5.6	320	318.6	3508
3035 >E	Clay 345kV Voltage	Volney-Marcy	9.0	327.8	338.1	2883
3036 >E	Pannell Road 345kV Voltage	SBK Edic R945	6.3	327.8	339.9	2164
3037 >E	Leeds 345kV Voltage	Marcy South S.	5.3	327.8	347.7	3508
3038 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	6.5	327.8	339.8	2164
3038 >E	Ramapo 500kV Voltage	SBK Edic R945	18.6	500	506.1	2164
3038 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	19.1	500	506.1	2086
3039 >E	Clay 345kV Voltage	Ph2 DC 1500	9.5	327.8	340.4	3288
3040 >E	Oakdale 345kV Voltage	SBK Princetown 345	8.1	320	322.1	2798
3040 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	19.0	500	506.0	2164
3040 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	10.9	218.5	225.3	2086
3041 >E	Gilboa 345kV Voltage	SBK Edic R945	5.7	327.8	339.5	2165
3041 >E	Roseton 345kV Voltage	Pre-Fault	20.0	NA	345	3041
3043 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	5.8	327.8	339.3	2164
3046 >E	Gordon Rd 345kV Voltage	SBK Edic R945	5.7	327.8	322.9	2165
3047 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	5.8	327.8	322.7	2165
3047 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	339.2	2086
3048 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	6.1	327.8	338.9	2086
3057 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	6.3	327.8	333.6	2168
3057 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	6.3	327.8	333.6	2168
3058 >E	Coopers Corners 345kV Voltage	Volney-Marcy	10.1	327.8	327.5	2897
3059 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	6.3	327.8	333.4	2167
3059 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	6.3	327.8	333.4	2167
3061 >E	Station 80 345kV Voltage	SBK Edic R945	7.8	327.8	339.7	2168
3064 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	8.0	327.8	339.5	2168
3064 >E	Rock Tavern 345kV Voltage	SBK Edic R945	7.4	327.8	340.6	2169
3066 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	7.5	327.8	340.5	2168
3066 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	7.9	327.8	327.8	3107

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3066 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	7.9	327.8	327.8	3107
3067 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	7.8	327.8	327.8	3054
3067 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	7.8	327.8	327.8	3054
3067 >E	Bowline 1 345kV Voltage	Pre-Fault	23.0	NA	345	3067
3067 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	6.7	327.8	332.4	2087
3067 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	6.7	327.8	332.4	2087
3067 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	19.6	500	500.1	3026
3068 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	19.6	500	500.0	3056
3069 >E	Ramapo 500kV Voltage	Pre-Fault	19.6	NA	500	3069
3069 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	21.0	500	500.0	3024
3069 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	7.0	327.8	329.6	3024
3070 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	7.8	327.8	327.4	3028
3070 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	7.8	327.8	327.4	3028
3070 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	7.7	327.8	340.2	2087
3071 >E	Bowline 2 345kV Voltage	Pre-Fault	22.8	NA	345	3071
3072 >E	St.Lawrence 230kV Voltage	Volney-Marcy	16.7	218.5	224.5	2906
3075 >E	Ramapo 500kV Voltage	SBK Edic R70	22.2	500	499.7	3116
3075 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	8.6	327.8	339.0	2087
3075 >E	Fraser 345kV Voltage	Marcy South N.	11.8	327.8	327.8	3777
3077 >E	Ramapo 500kV Voltage	Ravenswood 3	50.1	500	505.9	3154
3078 >E	Pannell Road 345kV Voltage	Marcy South N.	16.8	327.8	341.0	3778
3082 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	7.1	327.8	327.8	3070
3083 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	7.1	327.8	327.8	3041
3085 >E	Gilboa 345kV Voltage	SBK Edic R70	7.2	327.8	327.5	3126
3085 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	11.1	327.8	336.9	2869
3086 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	21.7	218.5	225.3	3316
3088 >E	Clay 345kV Voltage	SBK Edic R70	11.0	327.8	328.0	3129
3088 >E	Pleasant Valley 345kV Voltage	Marcy South S.	9.1	327.8	340.3	3520
3089 >E	Clay 345kV Voltage	N.Scot-Leeds 345	10.3	327.8	327.8	3044
3089 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	327.8	3048
3089 >E	Clay 345kV Voltage	Princetown-N.Scot 345	10.3	327.8	327.8	3077
3098 >E	Clay 345kV Voltage	Marcy South S.	10.2	327.8	332.8	3522
3101 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	12.4	327.8	323.4	2879
3107 >E	Buchanan North 345kV Voltage	SBK Edic R945	10.6	327.8	334.9	2176
3108 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	10.7	327.8	334.8	2175
3109 >E	Gilboa 345kV Voltage	Ph2 DC 1500	10.1	327.8	338.8	3330

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3110 >E	Dunwoodie 345kV Voltage	Marcy South S.	11.0	327.8	331.4	3525
3111 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	22.0	218.5	223.5	2886
3111 >E	Dunwoodie 345kV Voltage	SBK Edic R945	11.1	327.8	331.3	2177
3111 >E	Pannell Road 345kV Voltage	Volney-Marcy	11.7	327.8	335.4	2931
3111 >E	Clay 345kV Voltage	Ravenswood 3	10.4	327.8	333.4	3182
3111 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	11.1	327.8	331.2	2176
3112 >E	Sprain Brook 345kV Voltage	SBK Edic R945	11.1	327.8	331.4	2177
3112 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	10.9	327.8	334.6	2088
3112 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	11.2	327.8	331.4	2176
3113 >E	Sprain Brook 345kV Voltage	Marcy South S.	11.0	327.8	331.3	3525
3116 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	11.3	327.8	330.9	2088
3117 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	11.3	327.8	331.0	2088
3117 >E	Station 80 345kV Voltage	Marcy South N.	18.6	327.8	339.6	3794
3120 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	14.2	327.8	339.6	3337
3122 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	22.3	218.5	218.5	3109
3123 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	22.3	218.5	218.5	3081
3123 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	22.3	218.5	218.5	3077
3133 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	11.7	327.8	331.0	3200
3133 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	11.7	327.8	331.0	3200
3135 >E	Millwood 345kV Voltage	SBK Edic R945	11.0	327.8	332.8	2181
3135 >E	Millwood 345kV Voltage	Marcy South S.	11.0	327.8	332.8	3530
3136 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	11.1	327.8	332.8	2180
3138 >E	St.Lawrence 230kV Voltage	Marcy South N.	27.9	218.5	223.1	3802
3138 >E	Ramapo 500kV Voltage	Marcy South S.	27.3	500	504.3	3531
3139 >E	St.Lawrence 230kV Voltage	SBK Edic R70	24.1	218.5	217.7	3182
3142 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	11.3	327.8	332.4	2089
3143 >E	St.Lawrence 230kV Voltage	Ravenswood 3	21.5	218.5	222.6	3208
3144 >E	Buchanan South 345kV Voltage	SBK Edic R945	10.8	327.8	334.5	2183
3145 >E	Ramapo 345kV Voltage	SBK Edic R945	10.5	327.8	338.3	2183
3145 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	10.9	327.8	334.4	2182
3146 >E	Clay 345kV Voltage	SBK Princetown 345	12.6	327.8	331.2	2879
3147 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	10.5	327.8	338.2	2182
3148 >E	Station 80 345kV Voltage	Ph2 DC 1500	16.2	327.8	339.1	3353
3150 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	11.7	327.8	329.8	2957
3150 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	11.7	327.8	329.8	2957
3150 >E	Station 80 345kV Voltage	SBK Marcy R3108	15.2	327.8	336.6	2912
3151 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	11.1	327.8	334.1	2089
3152 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	337.9	2089
3159 >E	Pannell Road 345kV Voltage	Ravenswood 3	12.6	327.8	332.5	3221
3164 >E	Ladentown 345kV Voltage	SBK Edic R945	10.6	327.8	338.0	2186

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3166 >E	Dunwoodie 345kV Voltage	Ravenswood 3	28.9	327.8	336.4	3226
3166 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	10.6	327.8	337.9	2185
3168 >E	Sprain Brook 345kV Voltage	Ravenswood 3	28.9	327.8	336.4	3228
3172 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	337.6	2090
3172 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	13.0	327.8	328.1	2927
3172 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	13.0	327.8	328.1	2927
3181 >E	Station 80 345kV Voltage	Volney-Marcy	16.2	327.8	335.3	2977
3182 >E	Bowline 1 345kV Voltage	SBK Edic R945	10.6	327.8	338.8	2189
3182 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	13.1	327.8	328.0	3139
3183 >E	Buchanan South 345kV Voltage	Marcy South S.	11.9	327.8	332.0	3541
3184 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	10.7	327.8	338.7	2188
3184 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	13.1	327.8	327.9	3171
3184 >E	St.Lawrence 230kV Voltage	Marcy South S.	25.9	218.5	221.2	3541
3185 >E	Pannell Road 345kV Voltage	Marcy South S.	14.4	327.8	331.1	3541
3186 >E	Bowline 2 345kV Voltage	SBK Edic R945	10.6	327.8	339.0	2190
3188 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	10.7	327.8	338.8	2189
3190 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	10.9	327.8	338.3	2090
3191 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	9.9	327.8	327.8	3144
3191 >E	Leeds 345kV Voltage	SBK Edic R70	9.9	327.8	327.8	3233
3191 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	9.9	327.8	327.8	3177
3191 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	9.9	327.8	327.8	3147
3194 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	10.9	327.8	338.5	2091
3197 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	14.3	327.8	326.9	3150
3199 >E	Pannell Road 345kV Voltage	SBK Princetown 345	14.6	327.8	330.2	2919
3202 >E	Buchanan North 345kV Voltage	Marcy South S.	13.4	327.8	329.1	3545
3207 >E	Buchanan North 345kV Voltage	Ravenswood 3	25.4	327.8	336.3	3260
3208 >E	Gilboa 345kV Voltage	Ravenswood 3	13.7	327.8	329.2	3260
3208 >E	Rock Tavern 345kV Voltage	SBK Edic R70	15.5	327.8	326.1	3251
3211 >E	Rock Tavern 345kV Voltage	Ravenswood 3	17.1	327.8	334.9	3263
3216 >E	Gilboa 345kV Voltage	Volney-Marcy	13.8	327.8	328.6	3000
3222 >E	Gilboa 345kV Voltage	Marcy South N.	16.4	327.8	335.8	3835
3223 >E	Gilboa 345kV Voltage	SBK Marcy R3108	14.1	327.8	328.2	2960
3227 >E	Watercure 230kV Voltage	SBK Edic R945	13.0	207	231.2	2197
3229 >E	Millwood 345kV Voltage	Ravenswood 3	26.5	327.8	336.5	3278
3231 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	13.5	327.8	331.9	2198
3232 >E	Station 80 345kV Voltage	Ravenswood 3	17.5	327.8	333.2	3280
3232 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	13.5	327.8	331.8	2196
3233 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	13.5	327.8	323.5	2945
3233 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	13.5	327.8	323.5	2945

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3233 >E	Roseton 345kV Voltage	Marcy South S.	12.5	327.8	336.9	3552
3233 >E	Roseton 345kV Voltage	SBK Edic R945	12.8	327.8	336.9	2198
3233 >E	Gilboa 345kV Voltage	SBK Princetown 345	14.1	327.8	327.4	2945
3235 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	12.9	327.8	336.8	2197
3238 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	13.5	207	231.2	2197
3242 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	13.9	327.8	331.2	2092
3243 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	13.1	327.8	336.3	2092
3251 >E	Station 80 345kV Voltage	Marcy South S.	18.1	327.8	330.7	3556
3257 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	14.5	207	231.1	2093
3259 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	33.4	218.5	219.6	2965
3265 >E	Buchanan South 345kV Voltage	Ravenswood 3	25.2	327.8	336.7	3306
3283 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	22.6	327.8	327.9	3238
3285 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	22.6	327.8	327.9	3271
3285 >E	Leeds 345kV Voltage	Ph2 DC 1500	14.0	327.8	342.4	3435
3287 >E	Somerset 345kV Voltage	SBK Edic R945	14.8	327.8	343.9	2208
3296 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	15.2	327.8	343.7	2207
3301 >E	Station 80 345kV Voltage	SBK Princetown 345	20.9	327.8	330.4	2997
3305 >E	Bowline 2 345kV Voltage	Ravenswood 3	18.9	327.8	336.7	3339
3306 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	24.7	327.8	326.9	3257
3306 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	19.4	327.8	328.2	3258
3309 >E	Ladentown 345kV Voltage	Marcy South S.	14.4	327.8	329.8	3569
3314 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	19.3	327.8	327.8	3300
3315 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	19.3	327.8	327.8	3269
3319 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	19.5	327.8	329.9	3011
3324 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	14.4	327.8	327.8	2212
3324 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	14.4	327.8	327.8	2095
3324 >E	Leeds 345kV Voltage	SBK Edic R945	14.4	327.8	327.8	2214
3325 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	16.4	327.8	343.0	2095
3332 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	20.6	327.8	326.9	3377
3333 >E	Ramapo 345kV Voltage	Marcy South S.	15.6	327.8	328.1	3574
3336 >E	Bowline 1 345kV Voltage	Marcy South S.	14.5	327.8	330.1	3575
3337 >E	Buchanan North 345kV Voltage	SBK Edic R70	27.3	327.8	325.6	3381
3338 >E	Ladentown 345kV Voltage	Ravenswood 3	23.4	327.8	337.0	3366
3338 >E	Ramapo 345kV Voltage	Ravenswood 3	24.7	327.8	336.6	3366
3341 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	27.6	327.8	327.8	3327
3344 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	27.9	327.8	327.7	3295
3345 >E	Bowline 2 345kV Voltage	Marcy South S.	14.6	327.8	330.1	3577
3347 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	28.1	327.8	327.6	3301

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3349 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	27.7	327.8	339.8	3473
3351 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	21.9	327.8	341.2	3474
3353 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	25.8	327.8	327.9	3307
3353 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	25.8	327.8	327.9	3339
3353 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	20.9	327.8	328.0	3307
3355 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	20.9	327.8	327.9	3341
3358 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	31.1	327.8	327.9	3312
3358 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	31.2	327.8	327.8	3344
3359 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	31.5	327.8	327.9	3313
3360 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	31.6	327.8	327.8	3345
3361 >E	Pannell Road 345kV Voltage	SBK Edic R70	30.5	327.8	327.1	3406
3364 >E	Watercure 230kV Voltage	Ph2 DC 1500	20.5	207	224.9	3482
3367 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	24.1	327.8	327.9	3321
3368 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	24.2	327.8	327.9	3353
3369 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	25.1	327.8	333.2	3391
3369 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	27.5	327.8	327.2	3319
3375 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	33.2	327.8	327.3	3325
3376 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	33.6	327.8	327.3	3326
3383 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	19.9	327.8	327.9	3336
3384 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	19.9	327.8	327.9	3369
3386 >E	Leeds 345kV Voltage	Marcy South N.	20.2	327.8	342.0	3900
3390 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	26.1	327.8	326.9	3340
3392 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	23.3	327.8	326.1	3341
3392 >E	Rock Tavern 345kV Voltage	Marcy South S.	15.9	327.8	320.3	3588
3396 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	20.8	327.8	327.3	3346
3400 >E	Rock Tavern 345kV Voltage	Volney-Marcy	22.8	327.8	326.1	3119
3402 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	24.0	327.8	341.6	3505
3404 >E	Ramapo 500kV Voltage	SBK Princetown 345	63.5	500	501.6	3076
3406 >E	Millwood 345kV Voltage	SBK Edic R70	30.1	327.8	325.8	3452
3407 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	22.2	327.8	328.0	3360
3409 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	22.2	327.8	327.9	3393
3412 >E	Sprain Brook 345kV Voltage	SBK Edic R70	36.4	327.8	326.1	3458
3414 >E	Dunwoodie 345kV Voltage	SBK Edic R70	36.8	327.8	326.1	3459
3421 >E	Roseton 345kV Voltage	SBK Edic R70	22.1	327.8	326.0	3466

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3431 >E	Buchanan South 345kV Voltage	SBK Edic R70	28.8	327.8	325.3	3477
3434 >E	Bowline 1 345kV Voltage	Ravenswood 3	26.7	327.8	338.1	3443
3434 >E	Ramapo 345kV Voltage	SBK Edic R70	26.0	327.8	324.1	3480
3442 >E	Ramapo 500kV Voltage	Volney-Marcy	69.2	500	501.2	3146
3443 >E	Ramapo 345kV Voltage	Ph2 DC 1500	26.3	327.8	342.9	3529
3448 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	24.7	327.8	326.1	3397
3452 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	28.8	327.8	341.8	3534
3455 >E	Millwood 345kV Voltage	Ph2 DC 1500	31.0	327.8	340.8	3536
3456 >E	Buchanan North 345kV Voltage	SBK Princetown 345	31.5	327.8	328.9	3115
3457 >E	Roseton 345kV Voltage	Ravenswood 3	25.7	327.8	333.8	3462
3458 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	22.8	327.8	328.0	3411
3459 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	22.6	327.8	328.0	3411
3460 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	22.9	327.8	327.9	3445
3461 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	22.7	327.8	327.9	3446
3461 >E	Leeds 345kV Voltage	SBK Marcy R3108	20.1	327.8	327.8	3118
3461 >E	Leeds 345kV Voltage	SBK Princetown 345	20.1	327.8	327.8	3119
3461 >E	Leeds 345kV Voltage	Ravenswood 3	20.1	327.8	327.8	3466
3462 >E	Leeds 345kV Voltage	Volney-Marcy	20.1	327.8	327.8	3158
3478 >E	Coopers Corners 345kV Voltage	Marcy South N.	22.2	327.8	308.2	3937
3480 >E	Bowline 2 345kV Voltage	SBK Princetown 345	21.9	327.8	329.1	3134
3481 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	36.6	327.8	327.8	3465
3481 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	36.4	327.8	328.1	3134
3482 >E	Ladentown 345kV Voltage	Ph2 DC 1500	26.4	327.8	343.8	3552
3484 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	36.4	327.8	328.1	3137
3486 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	37.0	327.8	327.7	3434
3487 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	37.6	327.8	339.3	3555
3490 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	37.4	327.8	327.5	3442
3495 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	38.2	327.8	339.2	3560
3499 >E	Ladentown 345kV Voltage	SBK Edic R70	27.6	327.8	323.8	3546
3509 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	25.3	327.8	325.8	3457
3509 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	25.6	327.8	325.8	3457
3510 >E	Millwood 345kV Voltage	SBK Princetown 345	32.6	327.8	328.2	3156
3512 >E	Station 80 345kV Voltage	SBK Edic R70	40.8	327.8	327.0	3558
3512 >E	Somerset 345kV Voltage	Ph2 DC 1500	27.2	327.8	342.3	3570
3512 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	27.8	327.8	320.8	3152
3522 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	26.3	327.8	344.9	3576
3525 >E	Buchanan North 345kV Voltage	Volney-Marcy	35.1	327.8	326.9	3199
3529 >E	Buchanan South 345kV Voltage	SBK Princetown 345	30.9	327.8	328.6	3171

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3530 >E	Dunwoodie 345kV Voltage	Volney-Marcy	39.5	327.8	326.8	3203
3530 >E	Ramapo 500kV Voltage	SBK Marcy R3108	81.2	500	500.0	3164
3532 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	28.1	327.8	327.4	3173
3534 >E	Sprain Brook 345kV Voltage	Volney-Marcy	39.5	327.8	326.8	3205
3534 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	26.3	327.8	345.2	3583
3536 >E	Bowline 2 345kV Voltage	Volney-Marcy	23.9	327.8	326.7	3206
3542 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	29.0	327.8	327.1	3210
3542 >E	Watercure 230kV Voltage	Marcy South N.	40.7	207	233.8	3962
3546 >E	Pleasant Valley 345kV Voltage	Marcy South N.	32.8	327.8	336.1	3964
3562 >E	Millwood 345kV Voltage	Volney-Marcy	35.5	327.8	326.7	3223
3570 >E	Bowline 2 345kV Voltage	SBK Edic R70	28.4	327.8	323.1	3617
3571 >E	Ramapo 345kV Voltage	SBK Princetown 345	30.4	327.8	329.6	3203
3571 >E	Ladentown 345kV Voltage	SBK Princetown 345	28.4	327.8	329.3	3203
3571 >E	Bowline 1 345kV Voltage	SBK Edic R70	28.8	327.8	323.1	3619
3572 >E	Roseton 345kV Voltage	Ph2 DC 1500	28.2	327.8	343.2	3606
3588 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	31.0	327.8	325.5	3202
3589 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	43.0	327.8	325.2	3203
3590 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	25.9	327.8	324.4	3204
3591 >E	Buchanan South 345kV Voltage	Volney-Marcy	33.9	327.8	326.7	3242
3594 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	43.1	327.8	325.2	3206
3600 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	39.2	327.8	324.6	3210
3611 >E	Roseton 345kV Voltage	SBK Princetown 345	28.7	327.8	328.7	3234
3614 >E	Somerset 345kV Voltage	SBK Marcy R3108	29.4	327.8	337.8	3220
3625 >E	Coopers Corners 345kV Voltage	Marcy South S.	18.0	327.8	260.7	3640
3628 >E	Millwood 345kV Voltage	SBK Marcy R3108	38.8	327.8	324.8	3229
3629 >E	Ramapo 500kV Voltage	Marcy South N.	99.3	500	504.9	3997
3654 >E	Somerset 345kV Voltage	Volney-Marcy	30.5	327.8	336.9	3283
3655 >E	Ladentown 345kV Voltage	Volney-Marcy	31.7	327.8	326.6	3284
3663 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	37.3	327.8	324.5	3252
3668 >E	Somerset 345kV Voltage	Marcy South N.	37.1	327.8	341.3	4012
3673 >E	Ramapo 345kV Voltage	Volney-Marcy	34.7	327.8	326.5	3295
3676 >E	Roseton 345kV Voltage	Volney-Marcy	31.3	327.8	326.6	3297
3690 >E	Somerset 345kV Voltage	Pre-Fault	57.4	NA	338	3690
3703 >E	Somerset 345kV Voltage	Ravenswood 3	32.1	327.8	335.9	3661
3738 >E	Bowline 1 345kV Voltage	SBK Princetown 345	33.6	327.8	329.8	3330
3743 >E	Ladentown 345kV Voltage	SBK Marcy R3108	35.3	327.8	323.7	3305
3766 >E	Roseton 345kV Voltage	SBK Marcy R3108	34.9	327.8	323.6	3320
3781 >E	Ramapo 345kV Voltage	SBK Marcy R3108	39.4	327.8	323.2	3330
3824 >E	Somerset 345kV Voltage	Marcy South S.	36.2	327.8	330.7	3684
3865 >E	Bowline 1 345kV Voltage	Volney-Marcy	38.6	327.8	326.3	3420
3870 >E	Niagara 345kV Voltage	SBK Edic R945	31.2	327.8	349.2	2309

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3897 >E	Dunwoodie 345kV Voltage	Marcy South N.	61.5	327.8	329.6	4103
3897 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	32.1	327.8	349.0	2308
3904 >E	Millwood 345kV Voltage	Marcy South N.	53.5	327.8	330.2	4106
3905 >E	Sprain Brook 345kV Voltage	Marcy South N.	61.5	327.8	329.6	4106
3915 >E	Somerset 345kV Voltage	SBK Princetown 345	39.8	327.8	331.3	3465
3944 >E	Rainey 345kV Voltage	Marcy South S.	38.3	327.8	334.3	3711
3957 >E	Rainey 345kV Voltage	SBK Edic R945	38.9	327.8	334.0	2324
3962 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	39.1	327.8	333.9	2319
3965 >E	Niagara 230kV East Voltage	SBK Edic R945	71.7	218.5	230.6	2326
3965 >E	Niagara 230kV West Voltage	SBK Edic R945	71.7	218.5	230.6	2326
3967 >E	Farragut 345kV Voltage	Marcy South S.	40.0	327.8	334.2	3716
3975 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	39.5	327.8	333.7	2116
3977 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	34.8	327.8	348.2	2116
3980 >E	Farragut 345kV Voltage	SBK Edic R945	40.6	327.8	333.9	2328
3983 >E	Roseton 345kV Voltage	Marcy South N.	43.7	327.8	332.2	4137
3985 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	40.8	327.8	333.8	2323
3985 >E	Buchanan North 345kV Voltage	Marcy South N.	57.1	327.8	327.4	4138
3997 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	41.1	327.8	333.6	2117
4001 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	74.2	218.5	230.5	2325
4001 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	74.2	218.5	230.5	2325
4004 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	43.9	327.8	322.5	3478
4007 >E	Rock Tavern 345kV Voltage	Marcy South N.	42.6	327.8	321.3	4147
4050 >E	Buchanan South 345kV Voltage	Marcy South N.	55.2	327.8	328.8	4164
4102 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	81.4	218.5	230.2	2120
4102 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	81.4	218.5	230.2	2120
4220 >E	Niagara 230kV East Voltage	Ph2 DC 1500	95.2	218.5	227.4	3992
4220 >E	Niagara 230kV West Voltage	Ph2 DC 1500	95.2	218.5	227.4	3992
4276 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	57.4	327.8	327.8	4254
4285 >E	Niagara 345kV Voltage	Ph2 DC 1500	48.0	327.8	345.0	4030
4289 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	58.0	327.8	327.6	4225
4300 >E	Ramapo 345kV Voltage	Marcy South N.	58.2	327.8	325.4	4263
4302 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	58.6	327.8	327.3	4240
4304 >E	Goethals 345kV Voltage	Marcy South S.	53.6	327.8	334.1	3791
4305 >E	Watercure 230kV Voltage	SBK Marcy R3108	61.1	207	232.8	3677
4317 >E	Rainey 345kV Voltage	Ravenswood 3	70.7	327.8	343.1	4157
4329 >E	Goethals 345kV Voltage	SBK Edic R945	54.7	327.8	333.7	2389
4336 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	54.9	327.8	333.6	2382
4340 >E	Somerset 345kV Voltage	SBK Edic R70	61.7	327.8	326.7	4397
4341 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	55.0	327.8	333.6	2128
4402 >E	Farragut 345kV Voltage	Ravenswood 3	74.6	327.8	342.4	4226

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4414 >E	Ladentown 345kV Voltage	Marcy South N.	60.4	327.8	324.9	4309
4476 >E	Rainey 345kV Voltage	Pre-Fault	99.3	NA	338	4476
4480 >E	Farragut 345kV Voltage	Pre-Fault	102.8	NA	338	4480
4557 >E	Bowline 1 345kV Voltage	Marcy South N.	62.1	327.8	324.0	4365
4575 >E	Watercure 230kV Voltage	Volney-Marcy	70.8	207	232.8	3879
4597 >E	Niagara 230kV East Voltage	Pre-Fault	208.0	NA	225	4597
4597 >E	Niagara 230kV West Voltage	Pre-Fault	208.0	NA	225	4597
4696 >E	Bowline 2 345kV Voltage	Marcy South N.	66.2	327.8	321.9	4421
4793 >E	Niagara 345kV Voltage	SBK Marcy R3108	62.3	327.8	340.3	4000
4836 >E	Niagara 345kV Voltage	Volney-Marcy	63.4	327.8	339.9	4047
4881 >E	Niagara 345kV Voltage	Pre-Fault	98.8	NA	338	4881
4909 >E	Niagara 345kV Voltage	Ravenswood 3	66.1	327.8	339.2	4636
5033 >E	Goethals 345kV Voltage	Ravenswood 3	99.5	327.8	341.9	4736
5069 >E	Goethals 345kV Voltage	Pre-Fault	142.8	NA	338	5069
5074 >E	Niagara 230kV East Voltage	SBK Marcy R3108	148.8	218.5	226.1	4186
5074 >E	Niagara 230kV West Voltage	SBK Marcy R3108	148.8	218.5	226.1	4186
5108 >E	Niagara 230kV East Voltage	Volney-Marcy	150.4	218.5	225.9	4224
5108 >E	Niagara 230kV West Voltage	Volney-Marcy	150.4	218.5	225.9	4224
5175 >E	Gardenville 230kV Voltage	Ph2 DC 1500	84.8	207	225.2	4560
5192 >E	Niagara 345kV Voltage	Marcy South N.	82.9	327.8	345.3	4617
5200 >E	Niagara 230kV East Voltage	Ravenswood 3	157.5	218.5	225.6	4871
5200 >E	Niagara 230kV West Voltage	Ravenswood 3	157.5	218.5	225.6	4871
5263 >E	Watercure 230kV Voltage	Ravenswood 3	94.9	207	233.0	4922
5472 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	98.6	327.8	328.0	5390
5477 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	98.8	327.8	327.9	5446
5505 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	101.8	327.8	328.0	5423
5519 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	102.4	327.8	327.9	5488
5617 >E	Niagara 345kV Voltage	SBK Princetown 345	88.3	327.8	332.4	4762
5623 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	104.9	327.8	326.4	5537
5664 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	108.5	327.8	326.5	5577
5704 >E	Rainey 345kV Voltage	Ph2 DC 1500	107.2	327.8	347.7	4876
5711 >E	Farragut 345kV Voltage	Ph2 DC 1500	109.6	327.8	347.3	4880
5745 >E	Niagara 345kV Voltage	Marcy South S.	92.5	327.8	331.2	4113
5790 >E	Gardenville 230kV Voltage	SBK Edic R945	107.8	207	251.7	2644
5884 >E	Rainey 345kV Voltage	SBK Edic R70	115.3	327.8	323.8	5960
5893 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	98.9	327.8	327.8	5858
5920 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	99.9	327.8	327.5	5829
5922 >E	Farragut 345kV Voltage	SBK Edic R70	119.0	327.8	324.0	5998
5945 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	207.8	218.5	218.5	5910

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5945 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	207.8	218.5	218.5	5910
5948 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	100.8	327.8	327.2	5858
5971 >E	Niagara 230kV East Voltage	Marcy South N.	219.0	218.5	230.6	4927
5971 >E	Niagara 230kV West Voltage	Marcy South N.	219.0	218.5	230.6	4927
5981 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	210.4	218.5	218.3	5889
5981 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	210.4	218.5	218.3	5889
6011 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	212.5	218.5	218.2	5920
6011 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	212.5	218.5	218.2	5920
6014 >E	Niagara 345kV Voltage	SBK Edic R70	104.4	327.8	326.5	6091
6016 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	116.3	207	253.1	2664
6079 >E	Niagara 230kV East Voltage	SBK Edic R70	220.2	218.5	217.9	6157
6079 >E	Niagara 230kV West Voltage	SBK Edic R70	220.2	218.5	217.9	6157
6131 >E	Rainey 345kV Voltage	SBK Princetown 345	122.5	327.8	329.0	5154
6215 >E	Farragut 345kV Voltage	SBK Princetown 345	128.2	327.8	329.0	5218
6386 >E	Rainey 345kV Voltage	Volney-Marcy	132.2	327.8	327.0	5050
6430 >E	Goethals 345kV Voltage	Ph2 DC 1500	138.9	327.8	347.9	5308
6470 >E	Farragut 345kV Voltage	Volney-Marcy	138.1	327.8	327.2	5105
6491 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	141.3	327.8	328.0	6392
6501 >E	Niagara 230kV East Voltage	SBK Princetown 345	243.8	218.5	221.3	5436
6501 >E	Niagara 230kV West Voltage	SBK Princetown 345	243.8	218.5	221.3	5436
6507 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	142.1	327.8	327.9	6468
6639 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	139.8	207	256.9	2202
6705 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	150.3	327.8	326.5	6601
6712 >E	Rainey 345kV Voltage	SBK Marcy R3108	144.4	327.8	324.5	5271
6810 >E	Farragut 345kV Voltage	SBK Marcy R3108	151.1	327.8	324.6	5336
7082 >E	Goethals 345kV Voltage	SBK Edic R70	165.5	327.8	323.9	7171
7370 >E	Goethals 345kV Voltage	SBK Princetown 345	174.7	327.8	329.4	6099
7643 >E	Goethals 345kV Voltage	Volney-Marcy	185.4	327.8	327.9	5863
7808 >E	Niagara 230kV East Voltage	Marcy South S.	334.4	218.5	221.0	4573
7808 >E	Niagara 230kV West Voltage	Marcy South S.	334.4	218.5	221.0	4573
8072 >E	Goethals 345kV Voltage	SBK Marcy R3108	201.9	327.8	325.6	6172
8140 >E	Rainey 345kV Voltage	Marcy South N.	198.1	327.8	331.4	5787
8226 >E	Farragut 345kV Voltage	Marcy South N.	205.3	327.8	331.4	5821
8655 >E	Watercure 230kV Voltage	SBK Princetown 345	228.3	207	234.0	7078
10077 >E	Goethals 345kV Voltage	Marcy South N.	279.8	327.8	331.7	6556
10139	Gardenville 230kV Voltage	Pre-Fault	413.1	NA	217	10139

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 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\FE1_OS\Sum2023_CEVC_PH2_50_FE1_OS.xlsx

1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
11051	Northport 138kV Voltage	Pre-Fault	915.0	NA	135	11051
>E						
11678	Northport 138kV Voltage	Ravenswood 3	702.6	131.1	134.3	10109
>E						
12578	Northport 138kV Voltage	Ph2 DC 1500	763.6	131.1	142.7	8969
>E						
14251	Northport 138kV Voltage	SBK Princetown 345	887.2	131.1	131.4	11344
>E						
14267	Gardenville 230kV Voltage	Princetown-N.Scot 345	413.1	207	207.0	14166
>E						
14512	Gardenville 230kV Voltage	SBK Marcy R3108	431.8	207	253.6	10438
>E						
14557	Northport 138kV Voltage	Princetown-N.Scot 345	910.1	131.1	131.2	14454
>E						
14620	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	915.0	131.1	131.1	14384
>E						
14773	Gardenville 230kV Voltage	N.Scot-Leeds 345	431.9	207	205.8	14539
>E						
15031	Northport 138kV Voltage	Volney-Marcy	948.1	131.1	130.6	10643
>E						
15176	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	446.7	207	204.8	14930
>E						
15215	Gardenville 230kV Voltage	Volney-Marcy	455.2	207	254.8	10761
>E						
15485	Northport 138kV Voltage	N.Scot-Leeds 345	983.7	131.1	130.2	15239
>E						
15958	Northport 138kV Voltage	SBK Marcy R3108	1020.3	131.1	129.6	11396
>E						
16586	Northport 138kV Voltage	SBK Edic R70	1070.3	131.1	129.0	16791
>E						
17127	Gardenville 230kV Voltage	Ravenswood 3	520.9	207	257.9	14515
>E						
17519	Gardenville 230kV Voltage	SBK Edic R70	535.2	207	199.1	17735
>E						
22735	Northport 138kV Voltage	Marcy South N.	1560.6	131.1	132.3	11579
>E						
99998	Gardenville 230kV Voltage	Marcy South N.	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

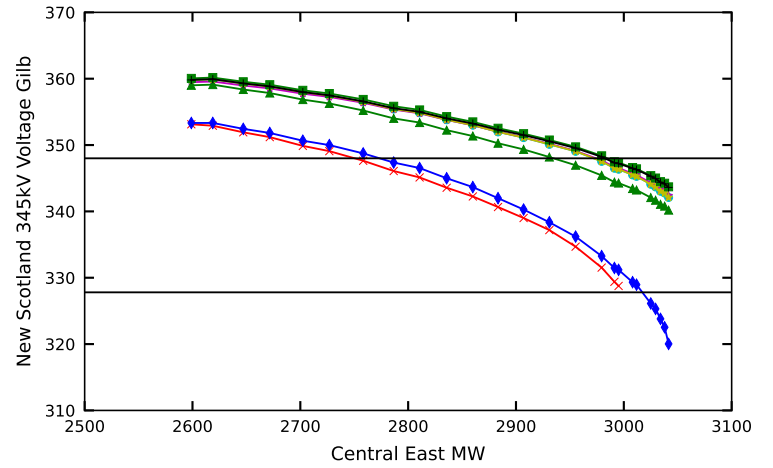
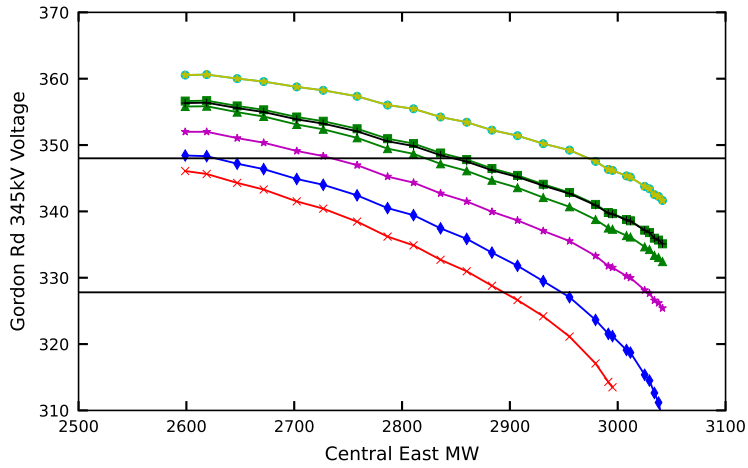
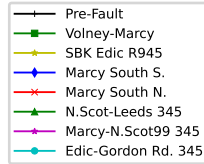
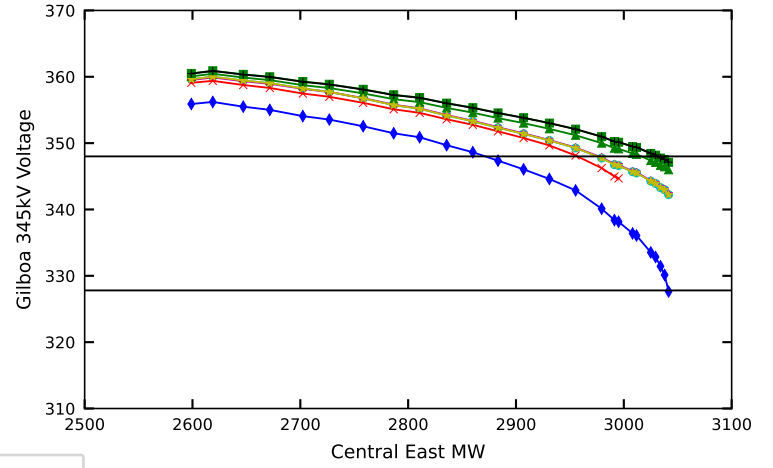
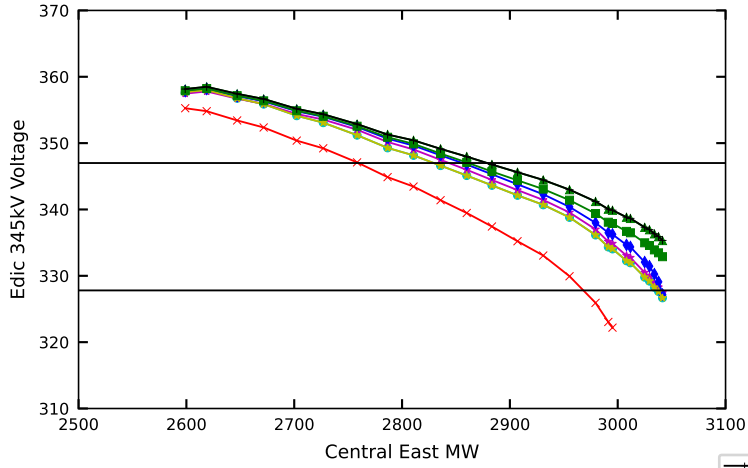
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1: 2023S CEVC PH2 CE2580 MS2270 DE1420 50 FE1_OS

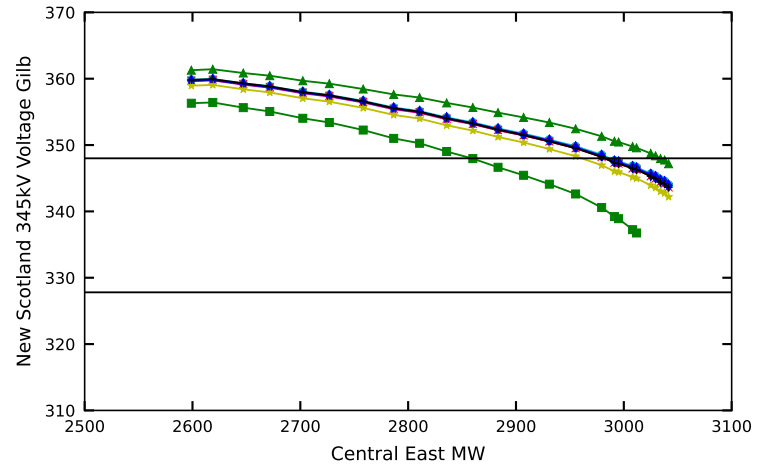
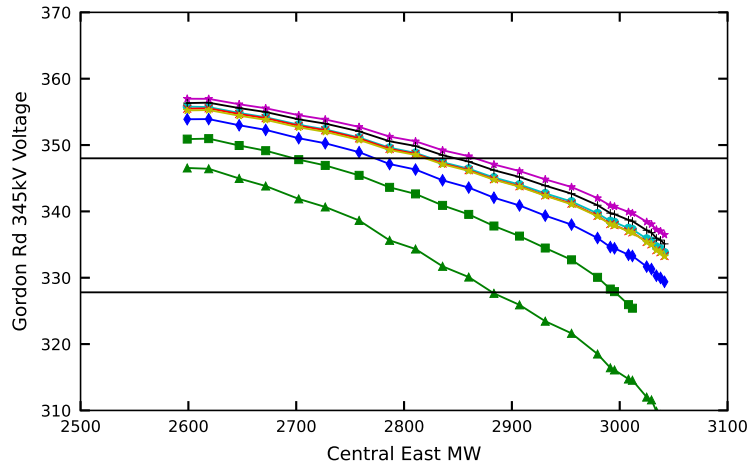
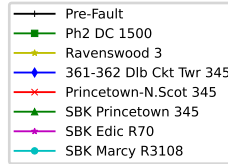
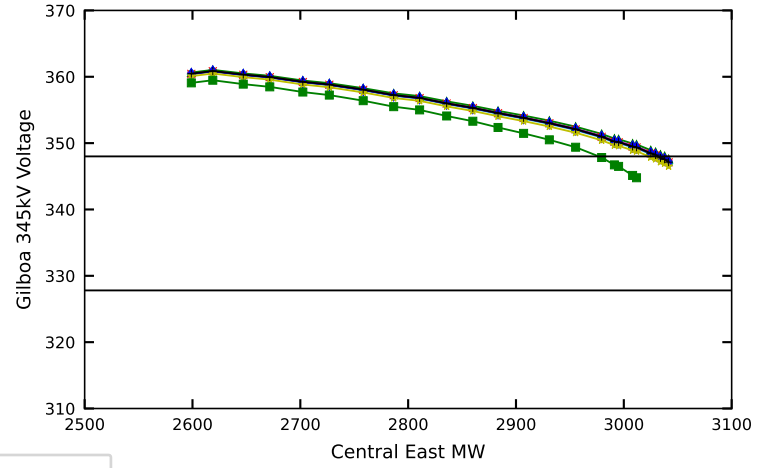
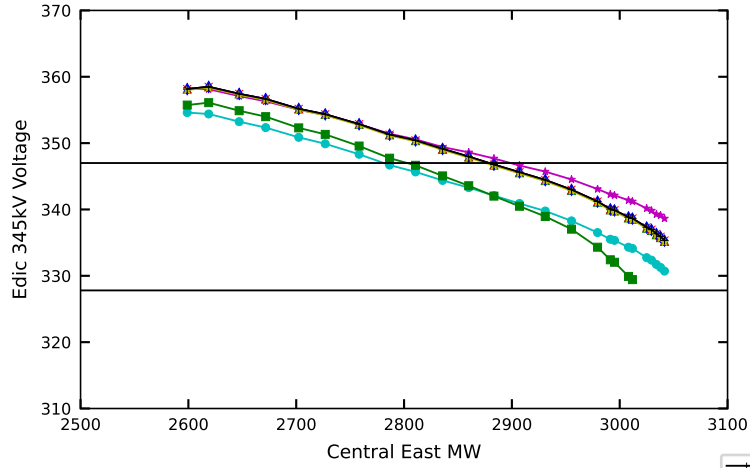
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Gardenville 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy South S.	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

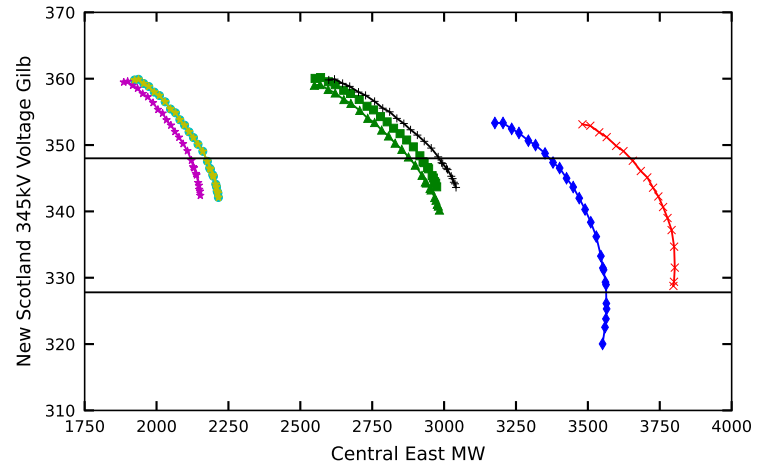
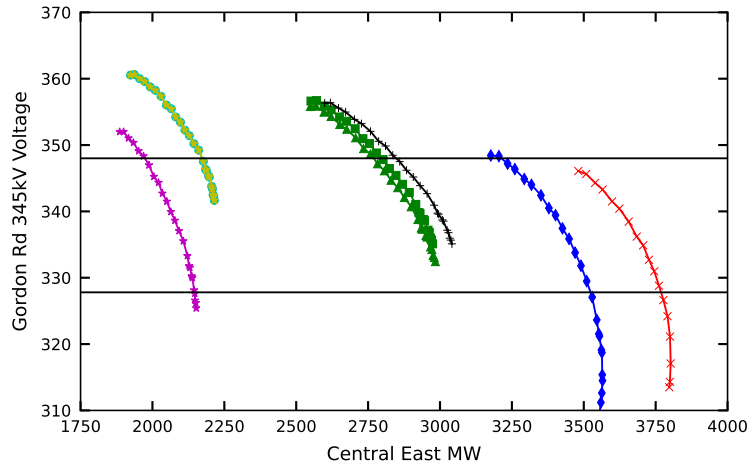
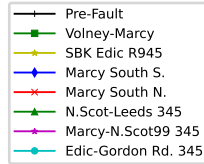
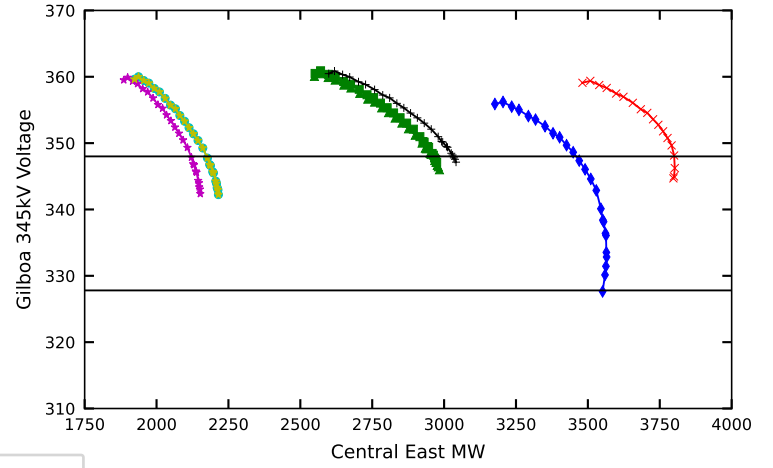
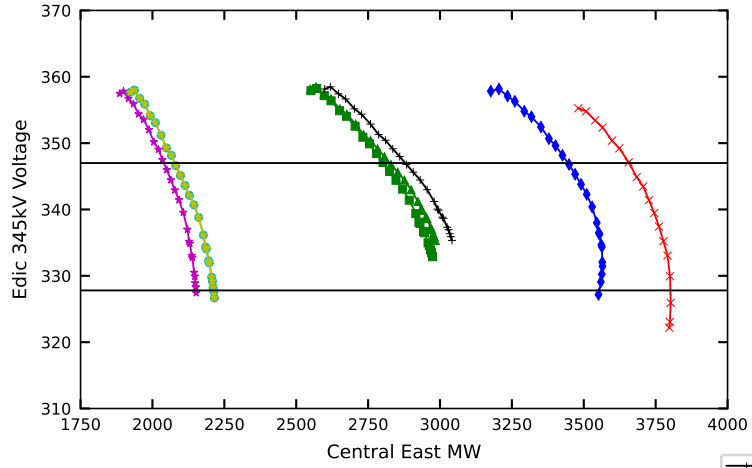
1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BYP Figure 1



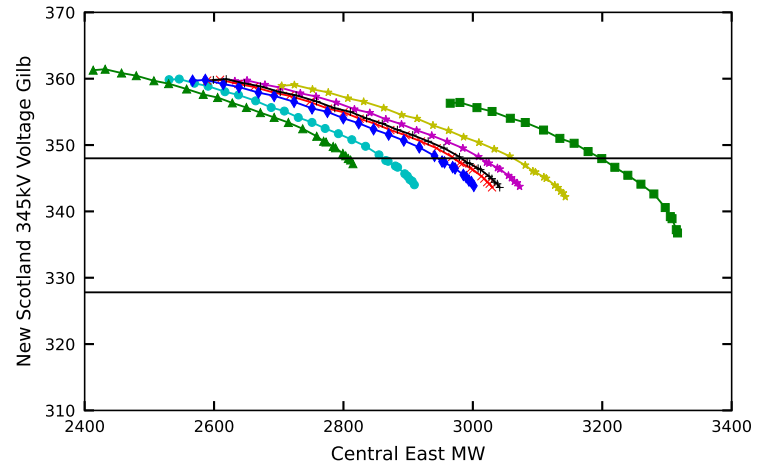
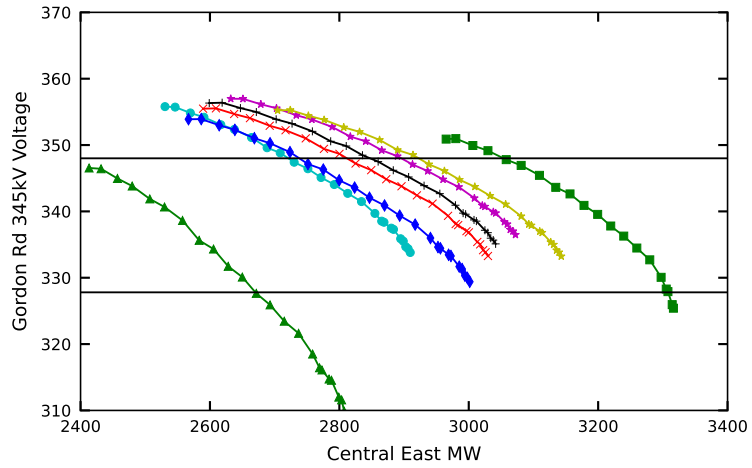
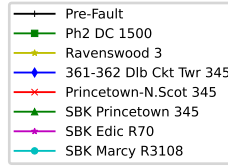
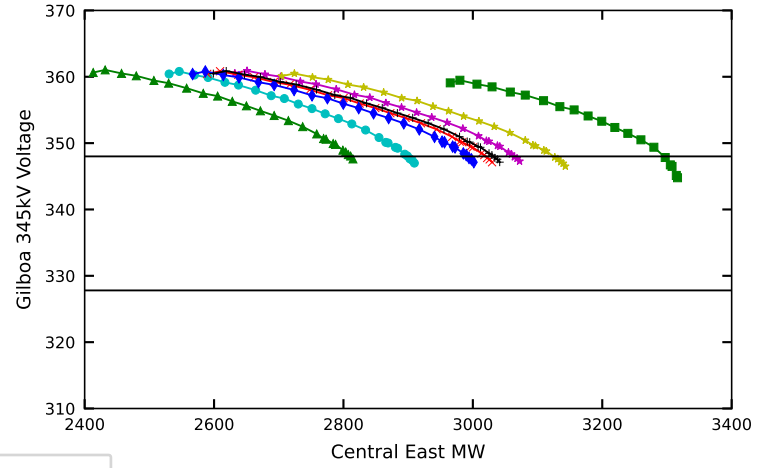
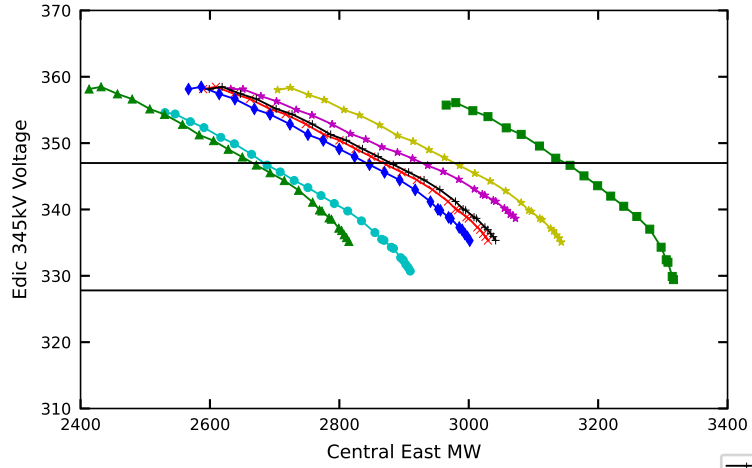
1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BYP Figure 2



1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BYP Figure 1



1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BYP Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\KNICK_SC_BYP\Sum2023_CEVC_PH2_5O_KNICK_SC_BYP.xlsx

1: 2023S CEVC PH2 CE2590 MS2270 DE1420 5O KNICK_SC_BYP

Interface: Central East

Transfe r MW		bas e	ce0 1	ce0 2	ce0 3	ce0 7	ce0 8	ce1 1	ce1 3	ce1 5	ce2 0	ce3 0	ce3 1	ce3 2	log0 9	log1 5
2598	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2618	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2647	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2671	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2702	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2726	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2758	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2786	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2810	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2835	t1 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2859	t1 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2883	t1 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2907	t1 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2930	t1 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2955	t1 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2979	t1 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2991	t1 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2995	t1 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3008	t1 9	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
3011	t2 0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
3024	t2 1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
3029	t2 2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
3034	t2 3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
3037	t2 4	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
3041	t2 5	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-16-2023 15:39

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\KNICK_SC_BYP\Sum2023_CEVC_PH2_5O_KNICK_SC_BYP.xlsx

1: 2023S CEVC PH2 CE2590 MS2270 DE1420 5O KNICK_SC_BYP

Interface: Central East

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2280 >E	Dunwoodie 345kV Voltage	Pre-Fault	160.0	NA	348	2280
2312 >E	Sprain Brook 345kV Voltage	Pre-Fault	156.2	NA	348	2312
2830	limit with 5% margin	Marcy South N.	NA	NA	NA	3612
2847	Gordon Rd 345kV Voltage	Pre-Fault	25.1	NA	348	2847
2858	Marcy 345kV Voltage	Pre-Fault	20.4	NA	348	2858
2861	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3150
2874	Millwood 345kV Voltage	Pre-Fault	80.6	NA	348	2874
2877	limit with 5% margin	Marcy South S.	NA	NA	NA	3386
2878	Edic 345kV Voltage	Pre-Fault	19.5	NA	347	2878
2881	Gordon Rd 345kV Voltage	SBK Princetown 345	9.5	327.8	346.3	2670
2889	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2104
2889	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2044
2889	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2834
2889	limit with 5% margin	SBK Edic R945	NA	NA	NA	2104
2889	limit with 5% margin	Volney-Marcy	NA	NA	NA	2825
2889	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2764
2889	limit with 5% margin	SBK Edic R70	NA	NA	NA	2918
2889	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2673
2889	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2878
2889	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2851
2889	limit with 5% margin	Ravenswood 3	NA	NA	NA	2985
2894	Gordon Rd 345kV Voltage	Marcy South N.	11.0	327.8	345.7	3768
2947	Buchanan North 345kV Voltage	Pre-Fault	69.1	NA	346	2947
2947	Gordon Rd 345kV Voltage	Marcy South S.	10.1	327.8	343.0	3523
2968	Edic 345kV Voltage	Marcy South N.	6.0	327.8	342.0	3801
2969	Marcy 345kV Voltage	Marcy South N.	6.0	327.8	341.8	3801
2982	New Scotland 345kV Voltage Alps	Pre-Fault	13.3	NA	348	2982
2982	New Scotland 345kV Voltage Gilb	Pre-Fault	13.3	NA	348	2982
2991 >E	Oakdale 345kV Voltage	Marcy South N.	6.1	320	344.6	3803
2995	Gordon Rd 345kV Voltage	Ph2 DC 1500	6.6	327.8	339.5	3308
3007 >E	New Scotland 345kV Voltage Alps	Marcy South N.	7.6	327.8	346.7	3805
3007 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	7.6	327.8	346.7	3805
3017	New Scotland 345kV Voltage Alps	Marcy South S.	4.7	327.8	345.9	3563
3017	New Scotland 345kV Voltage Gilb	Marcy South S.	4.7	327.8	345.9	3563
3017	Rock Tavern 345kV Voltage	Pre-Fault	22.4	NA	348	3017
3021	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.3	327.8	339.4	2204
3021	Coopers Corners 345kV Voltage	SBK Edic R945	6.3	327.8	339.4	2204
3024 >E	Edic 345kV Voltage	Ph2 DC 1500	7.5	327.8	338.0	3322
3024	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	339.2	2144
3024 >E	Marcy 345kV Voltage	Ph2 DC 1500	7.5	327.8	337.9	3322

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BYB

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3028	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	9.0	327.8	336.9	2146
3031	Gilboa 345kV Voltage	Pre-Fault	10.5	NA	348	3031
3032	Marcy 345kV Voltage	Edic-Gordon Rd. 345	4.9	327.8	336.4	2210
3032	Marcy 345kV Voltage	SBK Edic R945	4.8	327.8	336.4	2210
3036	Edic 345kV Voltage	SBK Edic R945	5.9	327.8	336.0	2212
3036	Edic 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	336.0	2212
3039	Coopers Corners 345kV Voltage	Pre-Fault	6.1	NA	338	3039
3039	Edic 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	335.6	2151
3043 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.3	327.8	334.8	2153
3044 >E	Fraser 345kV Voltage	Pre-Fault	6.0	NA	338	3044
3044 >E	Buchanan South 345kV Voltage	Pre-Fault	7.0	NA	346	3044
3044 >E	Fraser 345kV Voltage	SBK Edic R945	3.4	327.8	337.9	2216
3044 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	337.9	2216
3045 >E	Pleasant Valley 345kV Voltage	Pre-Fault	9.1	NA	348	3045
3045 >E	Ramapo 500kV Voltage	Ph2 DC 1500	17.7	500	507.5	3333
3046 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.6	327.8	337.6	2153
3051 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	6.3	327.8	333.6	3011
3055 >E	Edic 345kV Voltage	Marcy South S.	7.2	327.8	334.8	3570
3056 >E	Marcy 345kV Voltage	Marcy South S.	7.1	327.8	334.6	3570
3060 >E	Station 80 345kV Voltage	Pre-Fault	13.5	NA	346	3060
3060 >E	Edic 345kV Voltage	SBK Marcy R3108	6.7	327.8	332.3	2927
3061 >E	Ramapo 345kV Voltage	Pre-Fault	9.0	NA	346	3061
3061 >E	Gilboa 345kV Voltage	Marcy South S.	6.5	327.8	346.3	3571
3067 >E	Oakdale 345kV Voltage	Pre-Fault	7.1	NA	335	3067
3067 >E	Pannell Road 345kV Voltage	Pre-Fault	12.4	NA	346	3067
3069 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	330.8	3012
3069 >E	Ramapo 500kV Voltage	Ravenswood 3	11.7	500	505.5	3169
3070 >E	Coopers Corners 345kV Voltage	Ravenswood 3	5.0	327.8	332.9	3170
3070 >E	Ladentown 345kV Voltage	Pre-Fault	8.2	NA	346	3070
3071 >E	Oakdale 345kV Voltage	SBK Edic R945	4.1	320	334.5	2227
3071 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	4.1	320	334.5	2227
3073 >E	Marcy 345kV Voltage	Volney-Marcy	6.2	327.8	330.2	3004
3073 >E	Edic 345kV Voltage	Volney-Marcy	6.3	327.8	330.4	3004
3074 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.4	320	334.0	2164
3074 >E	Gordon Rd 345kV Voltage	Ravenswood 3	6.1	327.8	330.0	3173
3076 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	329.7	3064
3077 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	7.4	327.8	342.9	3350
3077 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	7.4	327.8	342.9	3350
3079 >E	Dunwoodie 345kV Voltage	Ravenswood 3	5.2	327.8	335.7	3178
3080 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	6.5	327.8	329.1	2944

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3080 >E	Sprain Brook 345kV Voltage	Ravenswood 3	5.2	327.8	335.8	3179
3083 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	5.2	327.8	330.7	2855
3084 >E	Marcy 345kV Voltage	Ravenswood 3	5.9	327.8	328.4	3183
3084 >E	Edic 345kV Voltage	Ravenswood 3	6.0	327.8	328.6	3183
3085 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	10.5	500	504.5	2168
3085 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	10.3	500	504.4	2234
3085 >E	Ramapo 500kV Voltage	SBK Edic R945	10.4	500	504.4	2234
3088 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	327.8	3033
3088 >E	Marcy 345kV Voltage	SBK Marcy R3108	6.4	327.8	327.8	2951
3088 >E	Marcy 345kV Voltage	SBK Edic R70	6.4	327.8	327.8	3122
3088 >E	Marcy 345kV Voltage	SBK Princetown 345	6.4	327.8	327.8	2860
3088 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.8	3076
3088 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	327.8	3048
3088 >E	Clay 345kV Voltage	Pre-Fault	10.1	NA	345	3088
3088 >E	Edic 345kV Voltage	SBK Princetown 345	6.4	327.8	327.9	2860
3089 >E	Gordon Rd 345kV Voltage	Volney-Marcy	6.5	327.8	327.8	3019
3089 >E	Edic 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	327.8	3034
3089 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	327.8	3049
3089 >E	Edic 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.8	3077
3090 >E	Coopers Corners 345kV Voltage	SBK Edic R70	5.5	327.8	329.6	3124
3091 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	5.5	327.8	329.5	3036
3092 >E	Bowline 1 345kV Voltage	Pre-Fault	8.2	NA	345	3092
3095 >E	Bowline 2 345kV Voltage	Pre-Fault	8.2	NA	345	3095
3097 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	5.9	327.8	328.4	3057
3098 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	10.0	327.8	337.8	3361
3099 >E	Roseton 345kV Voltage	Pre-Fault	10.3	NA	345	3099
3099 >E	Clay 345kV Voltage	Marcy South N.	9.7	327.8	348.3	3813
3100 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	6.0	327.8	328.0	3088
3100 >E	Gordon Rd 345kV Voltage	SBK Edic R70	6.8	327.8	326.0	3135
3102 >E	Millwood 345kV Voltage	Ravenswood 3	5.8	327.8	335.7	3199
3102 >E	Buchanan North 345kV Voltage	Ravenswood 3	6.3	327.8	335.5	3200
3103 >E	Leeds 345kV Voltage	Pre-Fault	8.3	NA	345	3103
3103 >E	Coopers Corners 345kV Voltage	Volney-Marcy	6.1	327.8	327.4	3034
3105 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	6.0	327.8	327.8	3050
3105 >E	Fraser 345kV Voltage	Volney-Marcy	6.0	327.8	327.8	3035
3105 >E	Fraser 345kV Voltage	SBK Marcy R3108	6.0	327.8	327.8	2967
3105 >E	Fraser 345kV Voltage	SBK Edic R70	6.0	327.8	327.8	3140
3105 >E	Fraser 345kV Voltage	SBK Princetown 345	6.0	327.8	327.8	2876

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Interface: Central East

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1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3105 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	6.0	327.8	327.8	3093
3105 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	6.0	327.8	327.8	3065
3105 >E	Fraser 345kV Voltage	Ravenswood 3	6.0	327.8	327.8	3202
3106 >E	Fraser 345kV Voltage	Ph2 DC 1500	7.9	327.8	337.7	3365
3112 >E	Leeds 345kV Voltage	Marcy South S.	7.3	327.8	349.3	3582
3114 >E	Gilboa 345kV Voltage	SBK Edic R945	5.0	327.8	338.6	2246
3114 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	5.0	327.8	338.6	2246
3115 >E	Buchanan South 345kV Voltage	Ravenswood 3	6.1	327.8	335.8	3212
3116 >E	Dunwoodie 345kV Voltage	SBK Edic R945	5.4	327.8	329.5	2247
3116 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	5.4	327.8	329.5	2247
3117 >E	Sprain Brook 345kV Voltage	SBK Edic R945	5.5	327.8	329.6	2247
3117 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	5.5	327.8	329.6	2247
3117 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	6.1	327.8	332.3	3063
3117 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	6.1	327.8	332.3	3063
3117 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	5.5	327.8	329.3	2180
3118 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	5.5	327.8	329.4	2181
3118 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	6.4	327.8	325.0	2978
3119 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	5.6	327.8	337.4	2248
3119 >E	Rock Tavern 345kV Voltage	SBK Edic R945	5.6	327.8	337.4	2248
3119 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	5.4	327.8	337.9	2181
3120 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	5.5	327.8	331.8	2249
3120 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	5.5	327.8	331.8	2249
3120 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	5.5	327.8	331.8	2249
3120 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	5.5	327.8	331.8	2249
3122 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	5.8	327.8	337.0	2182
3123 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	5.7	327.8	328.2	3070
3123 >E	Dunwoodie 345kV Voltage	SBK Edic R70	5.7	327.8	328.2	3160
3124 >E	Edic 345kV Voltage	SBK Edic R70	7.7	327.8	322.4	3161
3124 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	5.7	327.8	328.1	2895
3125 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	5.8	327.8	328.3	3071
3125 >E	Sprain Brook 345kV Voltage	SBK Edic R70	5.8	327.8	328.2	3161
3125 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	5.7	327.8	331.1	2183
3125 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	5.7	327.8	331.1	2183
3125 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	6.1	327.8	322.1	2251
3125 >E	Gordon Rd 345kV Voltage	SBK Edic R945	6.1	327.8	322.1	2251
3125 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	5.8	327.8	327.9	3085
3125 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	5.7	327.8	328.1	2896
3126 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	5.9	327.8	327.8	3114
3127 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr	5.9	327.8	327.9	3087

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3127 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	6.2	327.8	332.1	2252
3127 >E	Buchanan North 345kV Voltage	SBK Edic R945	6.2	327.8	332.1	2251
3127 >E	Dunwoodie 345kV Voltage	Volney-Marcy	5.9	327.8	327.6	3056
3127 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	5.9	327.8	327.8	3115
3129 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	6.3	327.8	331.9	2185
3129 >E	Sprain Brook 345kV Voltage	Volney-Marcy	5.9	327.8	327.6	3058
3129 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	5.9	327.8	327.2	2989
3131 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	6.0	327.8	327.2	2990
3131 >E	Ramapo 500kV Voltage	SBK Princetown 345	12.6	500	501.2	2902
3133 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	6.4	327.8	329.8	3229
3133 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	6.4	327.8	329.8	3229
3135 >E	Rock Tavern 345kV Voltage	Ravenswood 3	6.4	327.8	335.5	3231
3136 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	6.1	327.8	340.3	2255
3136 >E	Clay 345kV Voltage	SBK Edic R945	6.1	327.8	340.3	2255
3136 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	13.0	500	500.8	3083
3137 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	330.4	2256
3137 >E	Millwood 345kV Voltage	SBK Edic R945	6.0	327.8	330.4	2256
3139 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	6.0	327.8	330.2	2189
3140 >E	Ramapo 500kV Voltage	SBK Edic R70	13.2	500	500.5	3178
3143 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	13.7	500	500.3	3103
3144 >E	Ramapo 500kV Voltage	Volney-Marcy	13.9	500	500.2	3072
3145 >E	Oakdale 345kV Voltage	SBK Marcy R3108	7.0	320	324.0	3002
3146 >E	Ramapo 500kV Voltage	SBK Marcy R3108	14.1	500	500.1	3003
3146 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	6.1	327.8	331.5	2260
3146 >E	Buchanan South 345kV Voltage	SBK Edic R945	6.1	327.8	331.5	2259
3146 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	14.0	500	500.1	3134
3147 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	6.7	327.8	327.8	3135
3147 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	6.7	327.8	327.8	3135
3147 >E	Ramapo 500kV Voltage	Pre-Fault	14.1	NA	500	3147
3148 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	331.2	2192
3148 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	6.7	327.8	327.6	3108
3148 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	6.7	327.8	327.6	3108
3148 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	6.7	327.8	327.6	3076
3148 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	6.7	327.8	327.6	3076
3149 >E	Oakdale 345kV Voltage	Ph2 DC 1500	9.1	320	337.1	3388
3149 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	6.7	327.8	338.9	2193
3150 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	328.5	3098

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Interface: Central East

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1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3150 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	6.8	327.8	327.4	3188
3150 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	6.8	327.8	327.4	3188
3150 >E	Millwood 345kV Voltage	SBK Edic R70	6.4	327.8	328.4	3189
3150 >E	Millwood 345kV Voltage	SBK Princetown 345	6.3	327.8	328.4	2920
3150 >E	Buchanan North 345kV Voltage	SBK Princetown 345	6.9	327.8	329.0	2920
3152 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	6.8	327.8	327.1	3009
3152 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	6.8	327.8	327.1	3009
3152 >E	Ladentown 345kV Voltage	Ravenswood 3	6.9	327.8	336.1	3246
3152 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	7.0	327.8	328.7	3100
3153 >E	Buchanan North 345kV Voltage	SBK Edic R70	7.1	327.8	328.6	3191
3153 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	6.6	327.8	328.0	3113
3154 >E	Ramapo 345kV Voltage	Ravenswood 3	7.4	327.8	335.7	3248
3154 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	6.6	327.8	327.8	3142
3156 >E	Millwood 345kV Voltage	Volney-Marcy	6.6	327.8	327.6	3084
3156 >E	Oakdale 345kV Voltage	Ravenswood 3	6.8	320	322.4	3250
3157 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	7.3	327.8	328.1	3117
3158 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	7.3	327.8	327.9	3146
3159 >E	Millwood 345kV Voltage	SBK Marcy R3108	6.7	327.8	327.1	3015
3159 >E	Oakdale 345kV Voltage	Volney-Marcy	7.3	320	321.9	3087
3160 >E	Buchanan North 345kV Voltage	Volney-Marcy	7.4	327.8	327.6	3088
3163 >E	Bowline 1 345kV Voltage	Ravenswood 3	6.9	327.8	336.3	3257
3163 >E	Oakdale 345kV Voltage	SBK Princetown 345	7.0	320	321.4	2933
3164 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	7.5	327.8	327.1	3020
3165 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	7.1	327.8	334.4	2268
3165 >E	Ramapo 345kV Voltage	SBK Edic R945	7.1	327.8	334.4	2268
3165 >E	Buchanan South 345kV Voltage	SBK Princetown 345	6.6	327.8	328.8	2935
3166 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	6.8	327.8	328.7	3114
3166 >E	Bowline 2 345kV Voltage	Ravenswood 3	6.8	327.8	336.4	3259
3166 >E	Buchanan South 345kV Voltage	SBK Edic R70	6.8	327.8	328.6	3206
3167 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	7.1	327.8	334.1	2199
3169 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	6.6	327.8	324.6	2938
3169 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	6.6	327.8	324.6	2938
3169 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	6.9	327.8	331.3	2939
3170 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	333.9	2270
3170 >E	Ladentown 345kV Voltage	SBK Edic R945	6.7	327.8	333.9	2270
3170 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	7.0	327.8	328.0	3130
3171 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	7.0	320	320.3	3120
3171 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr	7.1	320	320.2	3131

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3171 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	7.0	327.8	327.9	3160
3172 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	6.8	327.8	333.6	2201
3172 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	7.1	320	320.1	3161
3173 >E	Fraser 345kV Voltage	Marcy South S.	11.7	327.8	327.8	3595
3173 >E	Buchanan South 345kV Voltage	Volney-Marcy	7.1	327.8	327.6	3101
3177 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	7.1	327.8	327.1	3032
3178 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	7.4	327.8	330.3	3128
3179 >E	Rock Tavern 345kV Voltage	SBK Edic R70	7.4	327.8	330.2	3219
3180 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	334.2	2275
3180 >E	Bowline 1 345kV Voltage	SBK Edic R945	6.7	327.8	334.2	2274
3180 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	8.2	327.8	333.1	3273
3183 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	6.8	327.8	333.9	2205
3183 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	6.7	327.8	334.3	2276
3183 >E	Bowline 2 345kV Voltage	SBK Edic R945	6.7	327.8	334.3	2275
3184 >E	Fraser 345kV Voltage	Marcy South N.	12.0	327.8	327.8	3822
3186 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	6.7	327.8	334.0	2206
3186 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	8.6	327.8	336.4	2277
3186 >E	Pannell Road 345kV Voltage	SBK Edic R945	8.6	327.8	336.4	2277
3186 >E	Gilboa 345kV Voltage	Ph2 DC 1500	10.3	327.8	343.2	3407
3188 >E	St.Lawrence 230kV Voltage	Pre-Fault	33.1	NA	225	3188
3189 >E	Oakdale 345kV Voltage	SBK Edic R70	7.7	320	317.7	3231
3191 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	8.2	327.8	329.6	3141
3191 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	8.0	327.8	328.7	3151
3195 >E	St.Lawrence 230kV Voltage	Marcy South N.	20.8	218.5	225.1	3823
3197 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	8.2	327.8	328.1	3185
3197 >E	Gilboa 345kV Voltage	Ravenswood 3	8.3	327.8	328.8	3289
3200 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	9.3	327.8	335.3	2212
3201 >E	Rock Tavern 345kV Voltage	Volney-Marcy	8.3	327.8	327.5	3128
3204 >E	Ladentown 345kV Voltage	SBK Princetown 345	7.5	327.8	329.7	2973
3204 >E	Gilboa 345kV Voltage	SBK Marcy R3108	8.5	327.8	327.9	3056
3205 >E	Ramapo 345kV Voltage	SBK Princetown 345	8.1	327.8	330.0	2973
3205 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	8.5	327.8	327.9	3165
3205 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	8.5	327.8	327.8	3193
3205 >E	Gilboa 345kV Voltage	Volney-Marcy	8.5	327.8	327.8	3132
3207 >E	Gilboa 345kV Voltage	SBK Princetown 345	8.4	327.8	327.7	2975
3207 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	9.8	327.8	335.2	2286
3207 >E	Station 80 345kV Voltage	SBK Edic R945	9.8	327.8	335.1	2286
3208 >E	Ramapo 500kV Voltage	Marcy South S.	28.1	500	504.9	3602

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3208 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	7.7	327.8	329.3	3159
3208 >E	Gilboa 345kV Voltage	SBK Edic R70	8.6	327.8	327.5	3250
3209 >E	Ladentown 345kV Voltage	SBK Edic R70	7.8	327.8	329.1	3251
3210 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	8.4	327.8	329.4	3161
3211 >E	Ramapo 345kV Voltage	SBK Edic R70	8.4	327.8	329.3	3254
3212 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	8.6	327.8	326.2	3063
3212 >E	Roseton 345kV Voltage	Ravenswood 3	8.8	327.8	334.0	3303
3212 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	8.3	327.8	329.6	2288
3212 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	8.3	327.8	329.6	2288
3213 >E	Gilboa 345kV Voltage	Marcy South N.	12.7	327.8	340.1	3824
3215 >E	Pannell Road 345kV Voltage	Marcy South N.	16.0	327.8	344.3	3825
3216 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	8.0	327.8	328.3	3176
3216 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	8.4	327.8	329.2	2218
3216 >E	Bowline 1 345kV Voltage	SBK Princetown 345	7.5	327.8	329.8	2985
3216 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	18.0	218.5	224.1	2290
3217 >E	St.Lawrence 230kV Voltage	SBK Edic R945	18.0	218.5	224.1	2290
3218 >E	Leeds 345kV Voltage	Marcy South N.	11.2	327.8	348.3	3825
3219 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	8.2	327.8	327.9	3207
3219 >E	Bowline 2 345kV Voltage	SBK Princetown 345	7.5	327.8	329.9	2988
3219 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	8.8	327.8	328.3	3179
3220 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	7.7	327.8	329.4	3172
3221 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	8.8	327.8	328.7	3172
3221 >E	Ladentown 345kV Voltage	Volney-Marcy	8.2	327.8	327.6	3147
3221 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	8.5	327.8	333.1	2292
3221 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	10.6	327.8	334.1	2220
3221 >E	Roseton 345kV Voltage	SBK Edic R945	8.5	327.8	333.1	2292
3221 >E	Bowline 1 345kV Voltage	SBK Edic R70	7.8	327.8	329.2	3265
3223 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	8.9	327.8	328.0	3211
3223 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	7.7	327.8	329.4	3175
3223 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	8.9	327.8	328.4	3267
3224 >E	Niagara 230kV East Voltage	Pre-Fault	20.5	NA	225	3224
3224 >E	Niagara 230kV West Voltage	Pre-Fault	20.5	NA	225	3224
3225 >E	Bowline 2 345kV Voltage	SBK Edic R70	7.8	327.8	329.2	3268
3225 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	8.6	327.8	332.7	2221
3226 >E	Ramapo 345kV Voltage	Volney-Marcy	9.0	327.8	327.6	3151
3226 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	8.8	327.8	328.1	2994
3227 >E	Ladentown 345kV Voltage	SBK Marcy R3108	8.3	327.8	326.9	3077
3228 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	9.0	327.8	327.9	3187

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3229 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	9.1	327.8	327.8	3217
3229 >E	Clay 345kV Voltage	Ph2 DC 1500	12.2	327.8	345.7	3429
3229 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	8.1	327.8	328.3	3189
3232 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	9.2	327.8	327.5	3157
3232 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	8.2	327.8	327.9	3220
3232 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	8.0	327.8	328.3	3192
3233 >E	Ramapo 345kV Voltage	SBK Marcy R3108	9.2	327.8	326.8	3082
3235 >E	Bowline 1 345kV Voltage	Volney-Marcy	8.2	327.8	327.6	3160
3235 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	8.1	327.8	327.9	3223
3235 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	9.2	327.8	327.1	3084
3238 >E	Bowline 2 345kV Voltage	Volney-Marcy	8.2	327.8	327.6	3163
3240 >E	Oakdale 345kV Voltage	Marcy South S.	9.8	320	321.4	3609
3241 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	8.4	327.8	326.8	3089
3242 >E	Clay 345kV Voltage	Ravenswood 3	9.5	327.8	329.8	3331
3244 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	8.3	327.8	326.8	3092
3246 >E	Leeds 345kV Voltage	SBK Edic R70	8.3	327.8	327.8	3291
3246 >E	Leeds 345kV Voltage	SBK Princetown 345	8.3	327.8	327.8	3013
3246 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	8.3	327.8	327.8	3199
3246 >E	Leeds 345kV Voltage	SBK Edic R945	8.3	327.8	327.8	2302
3246 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	8.3	327.8	327.8	3205
3246 >E	Leeds 345kV Voltage	Ravenswood 3	8.3	327.8	327.8	3335
3246 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	8.3	327.8	327.8	2229
3246 >E	Leeds 345kV Voltage	Volney-Marcy	8.3	327.8	327.8	3170
3246 >E	Leeds 345kV Voltage	SBK Marcy R3108	8.3	327.8	327.8	3093
3246 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	8.3	327.8	327.8	3234
3246 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	8.3	327.8	327.8	2303
3248 >E	Pleasant Valley 345kV Voltage	Marcy South S.	15.3	327.8	342.7	3610
3248 >E	Clay 345kV Voltage	SBK Marcy R3108	10.9	327.8	329.2	3095
3251 >E	Leeds 345kV Voltage	Ph2 DC 1500	10.1	327.8	347.7	3441
3256 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	10.1	207	218.6	2307
3256 >E	Watercure 230kV Voltage	SBK Edic R945	10.1	207	218.6	2307
3257 >E	Roseton 345kV Voltage	SBK Princetown 345	9.4	327.8	329.7	3024
3259 >E	Clay 345kV Voltage	SBK Princetown 345	10.1	327.8	328.1	3026
3261 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	9.7	327.8	329.3	3215
3261 >E	Clay 345kV Voltage	N.Scot-Leeds 345	10.1	327.8	327.9	3215
3262 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	10.1	327.8	327.9	3221
3262 >E	Roseton 345kV Voltage	SBK Edic R70	9.8	327.8	329.2	3308

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BY_P

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3262 >E	Clay 345kV Voltage	Princetown-N.Scot 345	10.1	327.8	327.8	3250
3269 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	10.7	207	217.8	2238
3270 >E	Station 80 345kV Voltage	Marcy South N.	18.8	327.8	342.6	3830
3272 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	10.1	327.8	328.3	3231
3274 >E	Pannell Road 345kV Voltage	Ravenswood 3	11.9	327.8	329.4	3361
3275 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	23.0	218.5	222.4	2240
3275 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	10.3	327.8	327.9	3263
3279 >E	Roseton 345kV Voltage	Volney-Marcy	10.4	327.8	327.5	3202
3280 >E	Clay 345kV Voltage	Volney-Marcy	11.9	327.8	326.0	3203
3281 >E	Clay 345kV Voltage	Marcy South S.	12.4	327.8	339.3	3617
3286 >E	Roseton 345kV Voltage	SBK Marcy R3108	10.5	327.8	326.9	3130
3286 >E	Station 80 345kV Voltage	Ravenswood 3	13.1	327.8	329.3	3373
3292 >E	Pannell Road 345kV Voltage	SBK Princetown 345	12.5	327.8	327.9	3058
3292 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	12.4	327.8	327.9	3248
3293 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	12.4	327.8	327.8	3253
3293 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	12.4	327.8	327.8	3281
3297 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	13.5	327.8	327.5	3139
3306 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	13.5	327.8	327.8	3262
3306 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	13.5	327.8	327.8	3294
3306 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	13.5	327.8	327.8	3266
3307 >E	Station 80 345kV Voltage	SBK Princetown 345	13.6	327.8	327.8	3073
3312 >E	Watercure 230kV Voltage	Pre-Fault	15.7	NA	215	3312
3315 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	16.5	327.8	344.6	3474
3317 >E	Pannell Road 345kV Voltage	Volney-Marcy	14.2	327.8	325.8	3239
3318 >E	Station 80 345kV Voltage	SBK Marcy R3108	14.7	327.8	327.0	3158
3323 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	28.8	218.5	220.9	3163
3323 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	18.4	327.8	342.5	3478
3331 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	21.7	327.8	341.8	3482
3332 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	19.2	218.5	219.8	2340
3332 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	19.2	218.5	219.8	2340
3332 >E	Niagara 230kV East Voltage	SBK Edic R945	19.2	218.5	219.8	2339
3332 >E	Niagara 230kV West Voltage	SBK Edic R945	19.2	218.5	219.8	2339
3334 >E	Station 80 345kV Voltage	Volney-Marcy	15.4	327.8	325.8	3255
3336 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	19.5	218.5	219.5	2263
3336 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	19.5	218.5	219.5	2263
3338 >E	Rainey 345kV Voltage	Ravenswood 3	15.4	327.8	341.1	3421
3349 >E	Clay 345kV Voltage	SBK Edic R70	13.5	327.8	319.3	3401
3349 >E	Pannell Road 345kV Voltage	SBK Edic R70	14.9	327.8	323.3	3402

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3350 >E	Niagara 230kV East Voltage	Ravenswood 3	20.4	218.5	218.8	3433
3350 >E	Niagara 230kV West Voltage	Ravenswood 3	20.4	218.5	218.8	3433
3353 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	35.8	218.5	226.5	3494
3354 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	17.3	327.8	344.5	3494
3355 >E	Station 80 345kV Voltage	Ph2 DC 1500	21.0	327.8	341.4	3495
3356 >E	Station 80 345kV Voltage	SBK Edic R70	15.8	327.8	324.2	3409
3357 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	20.5	218.5	218.5	3316
3357 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	20.5	218.5	218.5	3316
3358 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	20.5	218.5	218.5	3346
3358 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	20.5	218.5	218.5	3346
3358 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	20.5	218.5	218.5	3317
3358 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	20.5	218.5	218.5	3317
3358 >E	Niagara 230kV East Voltage	SBK Princetown 345	20.6	218.5	218.5	3122
3358 >E	Niagara 230kV West Voltage	SBK Princetown 345	20.6	218.5	218.5	3122
3361 >E	Farragut 345kV Voltage	Ravenswood 3	16.5	327.8	340.4	3443
3363 >E	Niagara 230kV East Voltage	Volney-Marcy	20.9	218.5	218.2	3283
3363 >E	Niagara 230kV West Voltage	Volney-Marcy	20.9	218.5	218.2	3283
3363 >E	Niagara 230kV East Voltage	SBK Edic R70	20.9	218.5	218.2	3417
3363 >E	Niagara 230kV West Voltage	SBK Edic R70	20.9	218.5	218.2	3417
3363 >E	Niagara 230kV East Voltage	SBK Marcy R3108	20.9	218.5	218.2	3199
3363 >E	Niagara 230kV West Voltage	SBK Marcy R3108	20.9	218.5	218.2	3199
3364 >E	Somerset 345kV Voltage	Pre-Fault	21.7	NA	338	3364
3365 >E	St.Lawrence 230kV Voltage	Volney-Marcy	31.6	218.5	219.7	3284
3367 >E	St.Lawrence 230kV Voltage	Ravenswood 3	30.8	218.5	219.6	3448
3395 >E	Millwood 345kV Voltage	Ph2 DC 1500	22.9	327.8	342.9	3515
3400 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	21.8	327.8	344.0	3518
3400 >E	Watercure 230kV Voltage	Ravenswood 3	14.8	207	209.4	3480
3404 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	33.1	218.5	218.5	3392
3405 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	33.2	218.5	218.5	3364
3405 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	33.2	218.5	218.4	3367
3406 >E	Ramapo 345kV Voltage	Ph2 DC 1500	20.7	327.8	345.4	3521
3410 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	27.3	327.8	341.0	3523
3411 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	33.5	218.5	218.3	3174
3412 >E	Rainey 345kV Voltage	Pre-Fault	23.6	NA	338	3412
3414 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	27.6	327.8	340.9	3525
3418 >E	Watercure 230kV Voltage	SBK Marcy R3108	15.7	207	208.3	3248
3422 >E	Pannell Road 345kV Voltage	Marcy South S.	19.8	327.8	336.1	3646
3422 >E	Farragut 345kV Voltage	Pre-Fault	25.0	NA	338	3422

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3431 >E	Watercure 230kV Voltage	SBK Princetown 345	15.6	207	207.4	3193
3433 >E	St.Lawrence 230kV Voltage	SBK Edic R70	35.8	218.5	217.6	3491
3434 >E	Ladentown 345kV Voltage	Ph2 DC 1500	20.6	327.8	346.5	3535
3434 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	16.5	327.8	334.8	2384
3434 >E	Somerset 345kV Voltage	SBK Edic R945	16.5	327.8	334.8	2383
3436 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	15.6	207	207.1	3399
3437 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	15.7	207	207.1	3396
3437 >E	Watercure 230kV Voltage	Volney-Marcy	16.2	207	207.1	3354
3437 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	15.7	207	207.0	3425
3445 >E	St.Lawrence 230kV Voltage	Marcy South S.	37.9	218.5	222.9	3651
3447 >E	Millwood 345kV Voltage	Marcy South S.	25.4	327.8	337.3	3651
3448 >E	Pleasant Valley 345kV Voltage	Marcy South N.	23.5	327.8	340.6	3847
3448 >E	Gardenville 230kV Voltage	Pre-Fault	22.4	NA	217	3448
3460 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	17.6	327.8	333.6	2310
3462 >E	Dunwoodie 345kV Voltage	Marcy South S.	30.4	327.8	335.9	3654
3465 >E	Sprain Brook 345kV Voltage	Marcy South S.	30.3	327.8	335.9	3655
3465 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	20.6	327.8	347.8	3552
3468 >E	Watercure 230kV Voltage	Ph2 DC 1500	21.9	207	223.6	3553
3468 >E	Roseton 345kV Voltage	Ph2 DC 1500	20.5	327.8	346.7	3553
3472 >E	Watercure 230kV Voltage	SBK Edic R70	16.9	207	204.8	3534
3475 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	20.5	327.8	348.2	3557
3481 >E	Station 80 345kV Voltage	Marcy South S.	23.1	327.8	334.8	3659
3496 >E	Roseton 345kV Voltage	Marcy South S.	21.8	327.8	340.4	3662
3503 >E	Coopers Corners 345kV Voltage	Marcy South N.	20.3	327.8	311.7	3853
3509 >E	Ramapo 500kV Voltage	Marcy South N.	72.1	500	506.5	3853
3511 >E	Goethals 345kV Voltage	Ravenswood 3	22.5	327.8	338.9	3584
3530 >E	Buchanan South 345kV Voltage	Marcy South S.	26.2	327.8	336.9	3669
3543 >E	Goethals 345kV Voltage	Pre-Fault	33.3	NA	338	3543
3550 >E	Somerset 345kV Voltage	Ravenswood 3	21.0	327.8	329.4	3620
3564 >E	Buchanan North 345kV Voltage	Marcy South S.	29.2	327.8	333.9	3676
3575 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	19.5	207	211.3	2444
3575 >E	Gardenville 230kV Voltage	SBK Edic R945	19.5	207	211.3	2443
3585 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	21.7	327.8	327.8	3556
3586 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	21.7	327.8	327.8	3574
3586 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	21.7	327.8	327.7	3545
3590 >E	Somerset 345kV Voltage	SBK Princetown 345	21.9	327.8	327.6	3348
3592 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	20.1	207	210.6	2360
3596 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	21.5	327.8	330.2	2361
3596 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	21.6	327.8	330.2	2453

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\KNICK_SC_BYP\Sum2023_CEVC_PH2_50_KNICK_SC_BYP.xlsx

1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3596 >E	Rainey 345kV Voltage	SBK Edic R945	21.6	327.8	330.2	2452
3618 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	22.8	327.8	330.2	2369
3619 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	22.9	327.8	330.2	2463
3619 >E	Farragut 345kV Voltage	SBK Edic R945	22.9	327.8	330.1	2461
3626 >E	Rainey 345kV Voltage	SBK Princetown 345	22.5	327.8	328.9	3383
3630 >E	Somerset 345kV Voltage	SBK Marcy R3108	23.6	327.8	325.7	3440
3631 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	22.8	327.8	328.7	3604
3633 >E	Rainey 345kV Voltage	SBK Edic R70	22.9	327.8	328.6	3706
3642 >E	Somerset 345kV Voltage	Volney-Marcy	24.1	327.8	325.2	3551
3646 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	23.3	327.8	328.1	3605
3650 >E	Farragut 345kV Voltage	SBK Princetown 345	23.9	327.8	328.9	3406
3650 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	23.5	327.8	327.9	3638
3654 >E	Somerset 345kV Voltage	SBK Edic R70	24.4	327.8	324.6	3729
3654 >E	Rainey 345kV Voltage	Volney-Marcy	23.6	327.8	327.7	3563
3655 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	24.2	327.8	328.7	3629
3655 >E	Gardenville 230kV Voltage	Ravenswood 3	21.9	207	207.8	3719
3657 >E	Farragut 345kV Voltage	SBK Edic R70	24.3	327.8	328.6	3732
3662 >E	Rainey 345kV Voltage	SBK Marcy R3108	23.8	327.8	327.4	3469
3666 >E	Watercure 230kV Voltage	Marcy South N.	43.7	207	238.2	3868
3671 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	24.8	327.8	328.1	3630
3671 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	22.4	207	207.0	3647
3672 >E	Gardenville 230kV Voltage	SBK Princetown 345	22.4	207	207.0	3427
3672 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	22.4	207	207.0	3631
3673 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	22.4	207	207.0	3660
3676 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	25.0	327.8	327.9	3663
3680 >E	Farragut 345kV Voltage	Volney-Marcy	25.1	327.8	327.7	3587
3682 >E	Gardenville 230kV Voltage	SBK Marcy R3108	22.8	207	206.6	3486
3685 >E	Gardenville 230kV Voltage	Volney-Marcy	22.9	207	206.4	3592
3688 >E	Farragut 345kV Voltage	SBK Marcy R3108	25.3	327.8	327.4	3492
3689 >E	Gardenville 230kV Voltage	SBK Edic R70	23.0	207	206.2	3766
3691 >E	Dunwoodie 345kV Voltage	Marcy South N.	43.8	327.8	333.5	3871
3692 >E	Millwood 345kV Voltage	Marcy South N.	37.9	327.8	334.8	3871
3696 >E	Sprain Brook 345kV Voltage	Marcy South N.	43.8	327.8	333.5	3871
3727 >E	Roseton 345kV Voltage	Marcy South N.	30.7	327.8	338.3	3874
3733 >E	Ladentown 345kV Voltage	Marcy South S.	28.8	327.8	335.9	3711
3764 >E	Ramapo 345kV Voltage	Marcy South S.	30.7	327.8	334.2	3717
3779 >E	Bowline 1 345kV Voltage	Marcy South S.	28.8	327.8	336.5	3720
3786 >E	Buchanan North 345kV Voltage	Marcy South N.	42.7	327.8	331.9	3880

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\KNICK_SC_BYP\Sum2023_CEVC_PH2_50_KNICK_SC_BYP.xlsx

1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3792 >E	Bowline 2 345kV Voltage	Marcy South S.	28.7	327.8	336.7	3723
3798 >E	Buchanan South 345kV Voltage	Marcy South N.	39.3	327.8	334.3	3881
3808 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	30.5	327.8	330.0	2442
3810 >E	Niagara 345kV Voltage	Pre-Fault	38.9	NA	338	3810
3818 >E	Somerset 345kV Voltage	Marcy South N.	36.6	327.8	343.2	3883
3819 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	31.0	327.8	329.7	2549
3819 >E	Goethals 345kV Voltage	SBK Edic R945	31.0	327.8	329.7	2547
3825 >E	Somerset 345kV Voltage	Ph2 DC 1500	36.1	327.8	343.0	3739
3843 >E	Rock Tavern 345kV Voltage	Marcy South S.	30.1	327.8	325.9	3734
3845 >E	Goethals 345kV Voltage	SBK Princetown 345	31.7	327.8	328.9	3596
3845 >E	Rock Tavern 345kV Voltage	Marcy South N.	33.8	327.8	327.1	3886
3853 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	32.1	327.8	328.7	3837
3856 >E	Goethals 345kV Voltage	SBK Edic R70	32.3	327.8	328.6	3945
3874 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	32.9	327.8	328.1	3832
3880 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	33.2	327.8	327.9	3868
3885 >E	Goethals 345kV Voltage	Volney-Marcy	33.3	327.8	327.7	3784
3894 >E	Goethals 345kV Voltage	SBK Marcy R3108	33.6	327.8	327.4	3678
3939 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	30.5	327.8	334.7	2601
3940 >E	Niagara 345kV Voltage	SBK Edic R945	30.6	327.8	334.7	2598
3990 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	32.3	327.8	333.4	2510
4048 >E	Ramapo 345kV Voltage	Marcy South N.	44.8	327.8	331.2	3905
4068 >E	Ladentown 345kV Voltage	Marcy South N.	43.7	327.8	332.2	3907
4140 >E	Bowline 1 345kV Voltage	Marcy South N.	43.8	327.8	332.5	3914
4147 >E	Somerset 345kV Voltage	Marcy South S.	44.3	327.8	335.1	3797
4152 >E	Niagara 345kV Voltage	Ravenswood 3	37.8	327.8	329.2	4185
4207 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	38.9	327.8	327.8	4211
4208 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	38.9	327.8	327.8	4196
4210 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	39.0	327.8	327.7	4168
4216 >E	Bowline 2 345kV Voltage	Marcy South N.	45.8	327.8	331.6	3922
4220 >E	Niagara 345kV Voltage	SBK Princetown 345	39.3	327.8	327.5	3960
4273 >E	Coopers Corners 345kV Voltage	Marcy South S.	33.9	327.8	266.8	3823
4305 >E	Niagara 345kV Voltage	SBK Marcy R3108	42.1	327.8	325.3	4048
4313 >E	Niagara 345kV Voltage	Volney-Marcy	42.5	327.8	325.1	4196
4319 >E	Niagara 345kV Voltage	SBK Edic R70	42.7	327.8	324.9	4441
4977 >E	Niagara 345kV Voltage	Ph2 DC 1500	69.4	327.8	344.2	4338
5096 >E	Rainey 345kV Voltage	Ph2 DC 1500	80.7	327.8	349.8	4400
5113 >E	Farragut 345kV Voltage	Ph2 DC 1500	83.1	327.8	349.4	4409
5398 >E	Niagara 230kV East Voltage	Ph2 DC 1500	161.2	218.5	227.1	4557
5398 >E	Niagara 230kV West Voltage	Ph2 DC 1500	161.2	218.5	227.1	4557

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5401 >E	Rainey 345kV Voltage	Marcy South S.	91.8	327.8	341.1	4057
5427 >E	Farragut 345kV Voltage	Marcy South S.	94.7	327.8	340.9	4062
5449 >E	Niagara 345kV Voltage	Marcy South N.	85.6	327.8	345.5	4041
5732 >E	Goethals 345kV Voltage	Ph2 DC 1500	108.2	327.8	349.5	4730
5949 >E	Niagara 345kV Voltage	Marcy South S.	96.9	327.8	335.5	4171
6177 >E	Goethals 345kV Voltage	Marcy South S.	124.9	327.8	341.1	4218
6407 >E	Gardenville 230kV Voltage	Ph2 DC 1500	123.2	207	226.0	5081
6629 >E	Rainey 345kV Voltage	Marcy South N.	137.9	327.8	337.7	4155
6682 >E	Farragut 345kV Voltage	Marcy South N.	142.7	327.8	337.6	4160
6741 >E	Niagara 230kV East Voltage	Marcy South N.	252.2	218.5	229.8	4166
6741 >E	Niagara 230kV West Voltage	Marcy South N.	252.2	218.5	229.8	4166
7177 >E	Niagara 230kV East Voltage	Marcy South S.	266.3	218.5	222.9	4425
7177 >E	Niagara 230kV West Voltage	Marcy South S.	266.3	218.5	222.9	4425
7885 >E	Goethals 345kV Voltage	Marcy South N.	191.2	327.8	337.8	4277
10410 >E	Northport 138kV Voltage	Ph2 DC 1500	585.8	131.1	143.1	7162
14351 >E	Northport 138kV Voltage	Marcy South S.	896.8	131.1	137.0	5914
17440 >E	Northport 138kV Voltage	Marcy South N.	1137.3	131.1	135.2	5202
30838 >E	Gardenville 230kV Voltage	Marcy South S.	997.8	207	253.3	9335
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

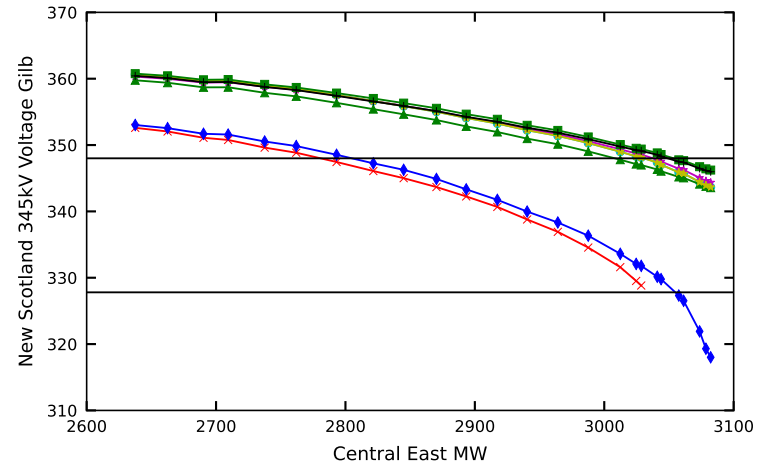
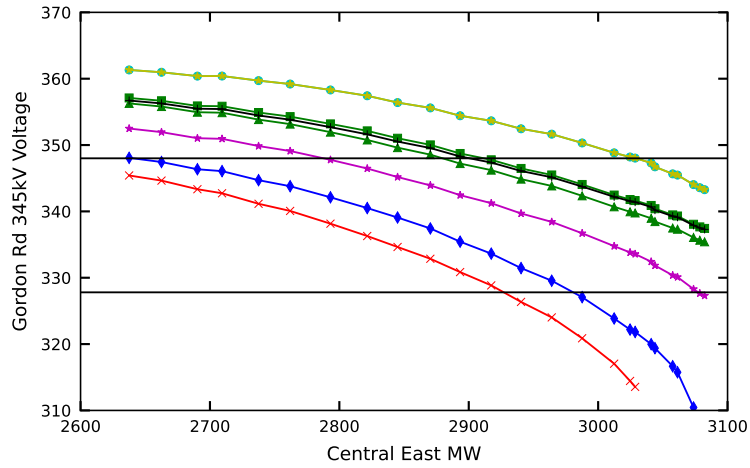
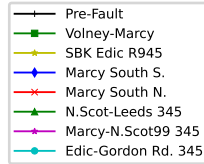
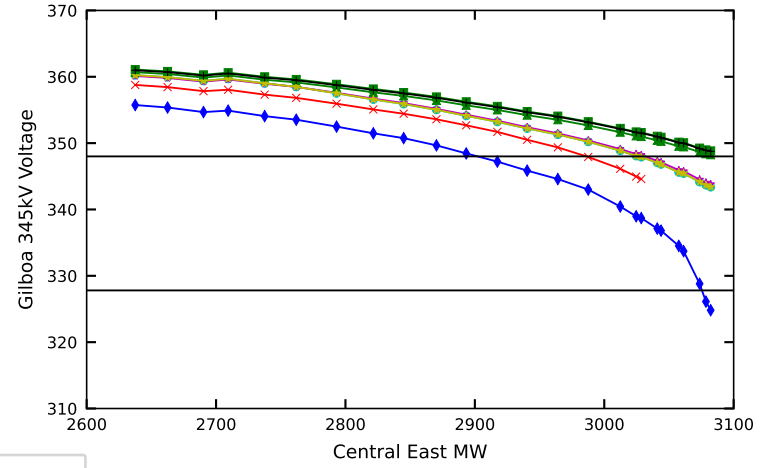
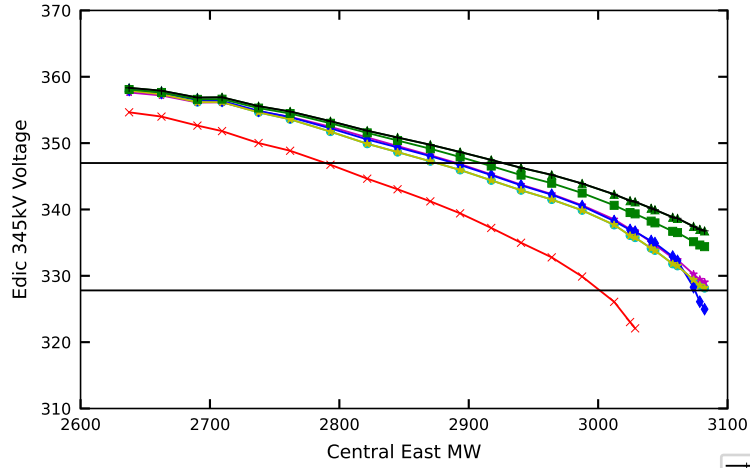
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1: 2023S CEVC PH2 CE2590 MS2270 DE1420 50 KNICK_SC_BYP

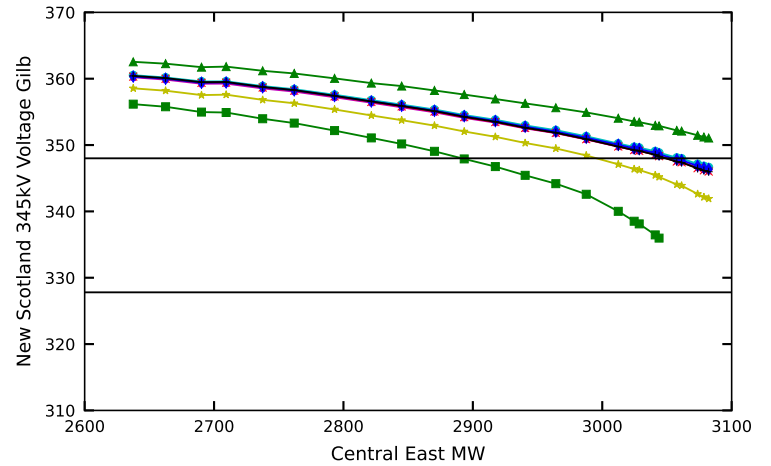
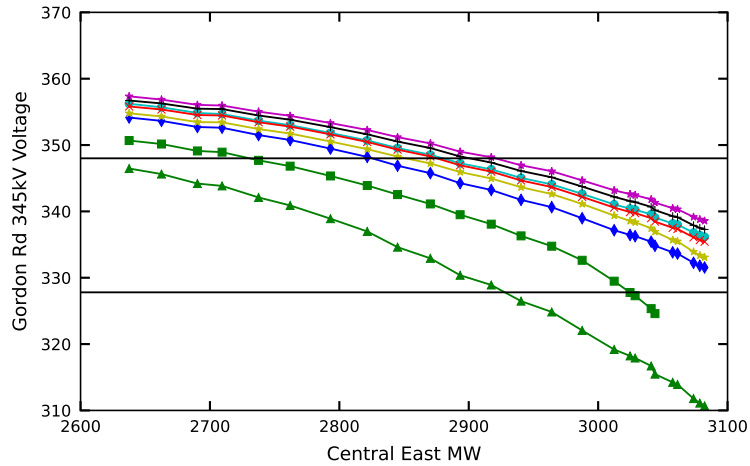
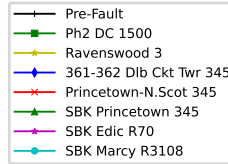
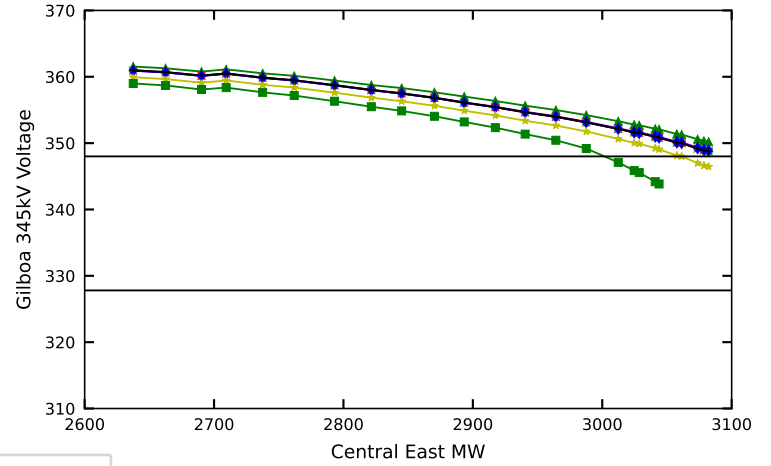
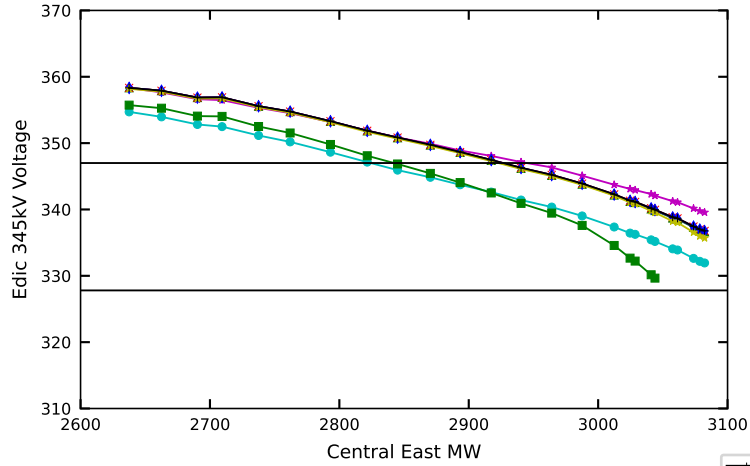
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				<-Post->	<-Pre->	
>E						
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>E		345				
99998	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99999	Gardenville 230kV Voltage	Marcy South N.	NA	207	NA	99999
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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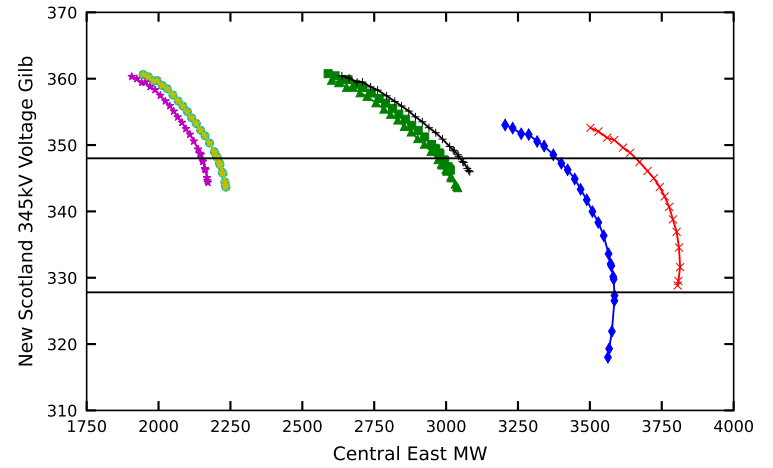
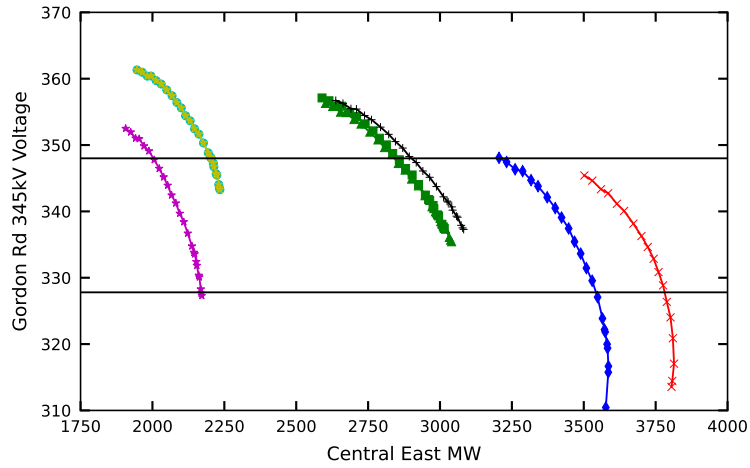
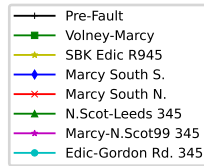
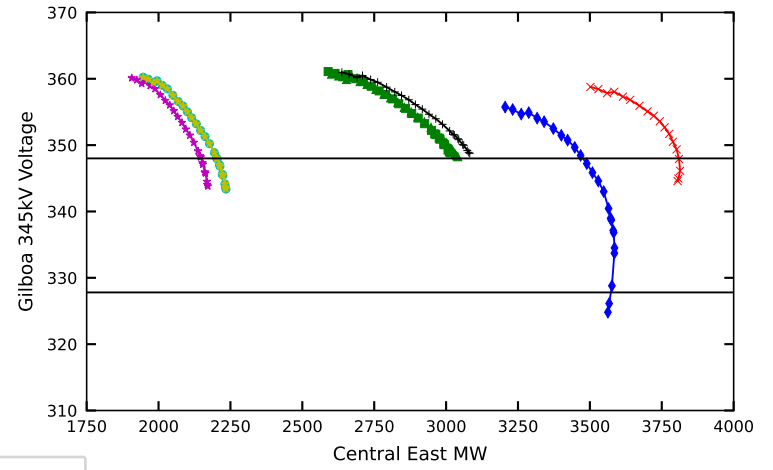
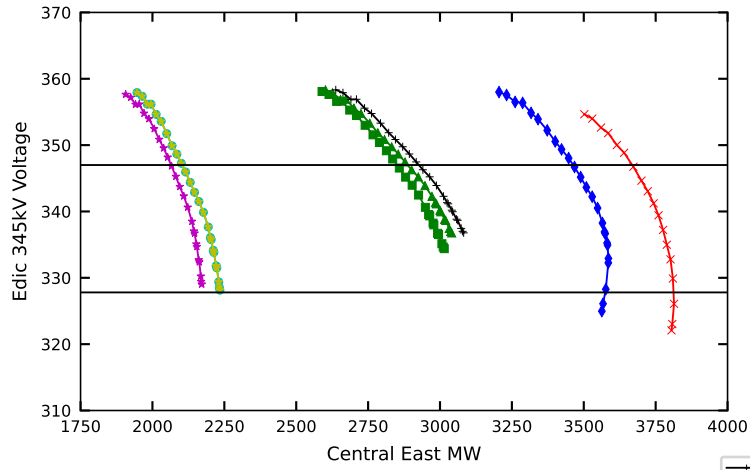
1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS Figure 1



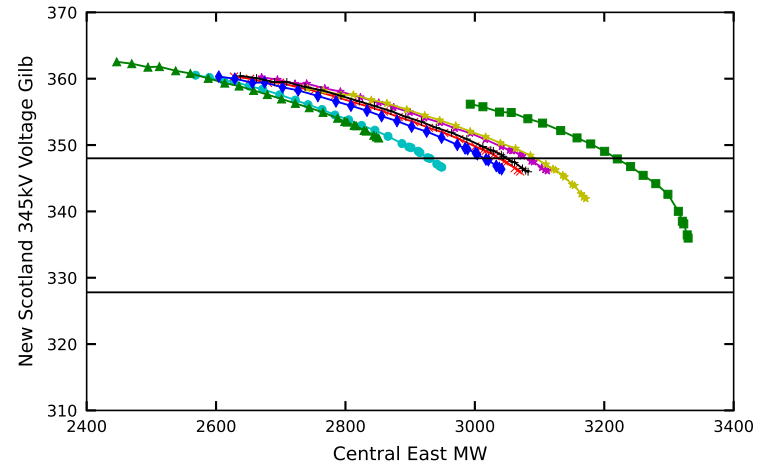
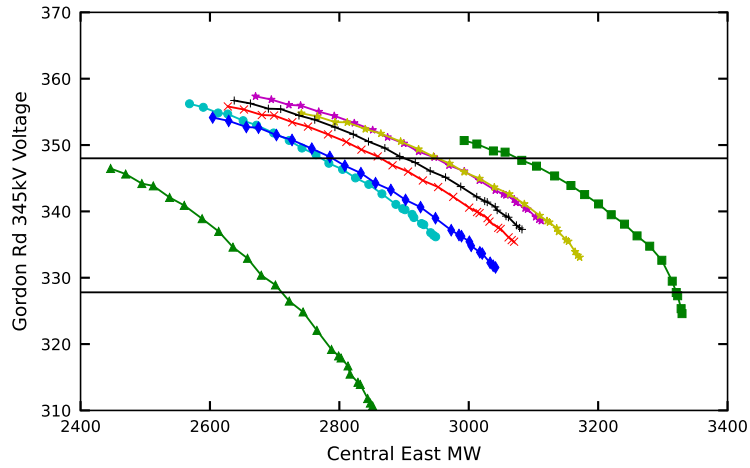
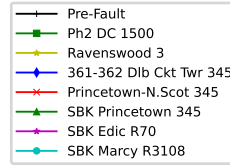
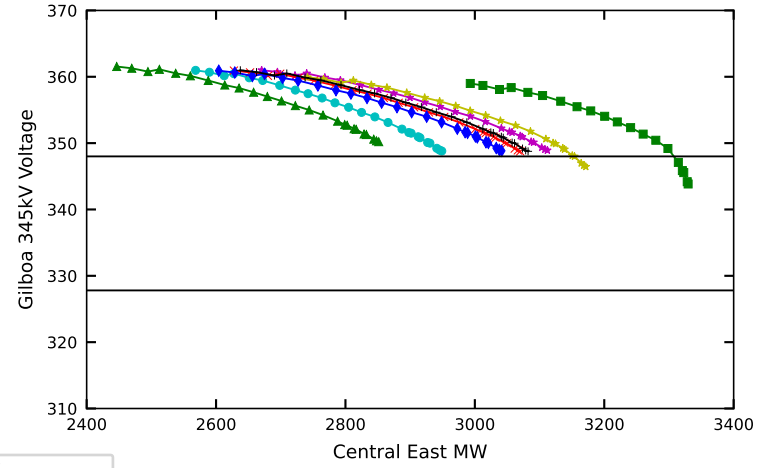
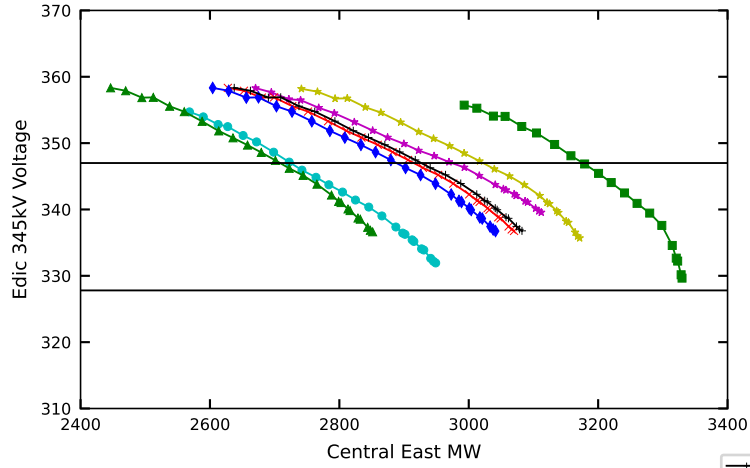
1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS Figure 2



1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS Figure 1



1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\L_SVC_OS\Sum2023_CEVC_PH2_50_L_SVC_OS.xlsx

1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2637	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2662	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2690	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2709	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2737	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2761	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2793	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2821	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2844	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2870	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2893	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2917	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2940	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2964	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2987	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
3012	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
3024	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7															
3028	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8															
3040	t1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	9															
3043	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
3057	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	1															
3061	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	2															
3073	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	3															
3078	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	4															
3082	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-20-2023 09:34

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-

E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\L_SVC_OS\Sum2023_CEVC_PH2_50_L_SVC_OS.xlsx

1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

Interface: Central East

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2417 >E	Dunwoodie 345kV Voltage	Pre-Fault	142.5	NA	348	2417
2448 >E	Sprain Brook 345kV Voltage	Pre-Fault	138.6	NA	348	2448
2861	limit with 5% margin	Marcy South N.	NA	NA	NA	3623
2891	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3163
2900	Gordon Rd 345kV Voltage	Pre-Fault	26.2	NA	348	2900
2904	limit with 5% margin	Marcy South S.	NA	NA	NA	3406
2905	Marcy 345kV Voltage	Pre-Fault	19.8	NA	348	2905
2907	Millwood 345kV Voltage	Pre-Fault	108.4	NA	348	2907
2926	Edic 345kV Voltage	Pre-Fault	19.4	NA	347	2926
2927	Gordon Rd 345kV Voltage	Marcy South N.	9.3	327.8	346.8	3781
2927	Gordon Rd 345kV Voltage	SBK Princetown 345	9.5	327.8	346.8	2710
2928	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2122
2928	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2062
2928	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2888
2928	limit with 5% margin	SBK Edic R945	NA	NA	NA	2122
2928	limit with 5% margin	Volney-Marcy	NA	NA	NA	2864
2928	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2801
2928	limit with 5% margin	SBK Edic R70	NA	NA	NA	2956
2928	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2708
2928	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2916
2928	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2889
2928	limit with 5% margin	Ravenswood 3	NA	NA	NA	3012
2980	Gordon Rd 345kV Voltage	Marcy South S.	9.5	327.8	344.2	3542
2997	Buchanan North 345kV Voltage	Pre-Fault	66.9	NA	346	2997
3001	Edic 345kV Voltage	Marcy South N.	6.5	327.8	343.0	3812
3002	Marcy 345kV Voltage	Marcy South N.	6.5	327.8	342.9	3812
3024	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.2	327.8	341.6	3320
3038 >E	Oakdale 345kV Voltage	Marcy South N.	6.7	320	345.1	3818
3044 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.4	327.8	348.3	3818
3044 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.4	327.8	348.3	3818
3049	New Scotland 345kV Voltage Alps	Pre-Fault	17.2	NA	348	3049
3049	New Scotland 345kV Voltage Gilb	Pre-Fault	17.2	NA	348	3049
3054 >E	Edic 345kV Voltage	Ph2 DC 1500	5.8	327.8	339.1	3334
3054	New Scotland 345kV Voltage Alps	Marcy South S.	5.5	327.8	347.7	3585
3054	New Scotland 345kV Voltage Gilb	Marcy South S.	5.5	327.8	347.7	3585
3055 >E	Marcy 345kV Voltage	Ph2 DC 1500	5.8	327.8	338.9	3334
3063 >E	Ramapo 500kV Voltage	Ph2 DC 1500	15.2	500	507.9	3339
3074	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.9	327.8	340.3	2231
3074	Coopers Corners 345kV Voltage	SBK Edic R945	6.7	327.8	340.3	2231
3077	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.5	327.8	337.6	2169

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3078	Marcy 345kV Voltage	SBK Edic R945	5.8	327.8	336.9	2232
3078	Marcy 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	336.9	2232
3079	Rock Tavern 345kV Voltage	Pre-Fault	24.5	NA	348	3079
3079	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	9.6	327.8	340.0	2169
3085 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	8.4	327.8	336.6	2236
3085 >E	Edic 345kV Voltage	SBK Edic R945	9.3	327.8	336.6	2236
3092 >E	Edic 345kV Voltage	Marcy South S.	6.8	327.8	336.0	3593
3093 >E	Marcy 345kV Voltage	Marcy South S.	6.7	327.8	335.7	3593
3093 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	6.1	327.8	344.3	3353
3093 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	6.1	327.8	344.3	3353
3093 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	9.4	327.8	336.1	2177
3097 >E	Gilboa 345kV Voltage	Marcy South S.	6.0	327.8	347.9	3594
3101 >E	Gilboa 345kV Voltage	Pre-Fault	25.4	NA	348	3101
3102 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	9.4	327.8	335.3	2182
3104 >E	Pleasant Valley 345kV Voltage	Pre-Fault	51.5	NA	348	3104
3105 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	7.9	327.8	339.2	2247
3107 >E	Fraser 345kV Voltage	SBK Edic R945	8.6	327.8	339.0	2247
3109 >E	Coopers Corners 345kV Voltage	Pre-Fault	14.8	NA	338	3109
3114 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	9.0	327.8	338.6	2187
3123 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	8.5	327.8	339.4	3367
3123 >E	Fraser 345kV Voltage	Pre-Fault	15.8	NA	338	3123
3124 >E	Fraser 345kV Voltage	Ph2 DC 1500	6.5	327.8	338.9	3367
3129 >E	Leeds 345kV Voltage	Marcy South S.	6.8	327.8	352.6	3601
3135 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	14.3	327.8	334.0	3094
3139 >E	Buchanan South 345kV Voltage	Pre-Fault	59.0	NA	346	3139
3140 >E	Clay 345kV Voltage	Marcy South N.	10.0	327.8	348.6	3834
3144 >E	Edic 345kV Voltage	SBK Marcy R3108	15.1	327.8	332.9	3006
3149 >E	Gordon Rd 345kV Voltage	Ravenswood 3	12.7	327.8	333.2	3229
3162 >E	Oakdale 345kV Voltage	Ph2 DC 1500	7.4	320	337.7	3385
3163 >E	Station 80 345kV Voltage	Pre-Fault	41.5	NA	346	3163
3166 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	9.3	320	336.1	2280
3171 >E	Ramapo 500kV Voltage	Ravenswood 3	35.5	500	505.8	3248
3175 >E	Oakdale 345kV Voltage	SBK Edic R945	10.2	320	335.6	2281
3178 >E	Edic 345kV Voltage	Volney-Marcy	14.7	327.8	330.8	3108
3179 >E	Marcy 345kV Voltage	Volney-Marcy	14.5	327.8	330.6	3108
3180 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	10.3	320	335.4	2221
3180 >E	Gilboa 345kV Voltage	Ph2 DC 1500	8.5	327.8	343.9	3394
3181 >E	Pannell Road 345kV Voltage	Pre-Fault	36.6	NA	346	3181
3184 >E	Marcy 345kV Voltage	Ravenswood 3	12.9	327.8	330.3	3259
3184 >E	Edic 345kV Voltage	Ravenswood 3	13.0	327.8	330.5	3259

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3186 >E	Coopers Corners 345kV Voltage	Ravenswood 3	13.8	327.8	332.8	3261
3187 >E	Oakdale 345kV Voltage	Pre-Fault	19.0	NA	335	3187
3193 >E	Fraser 345kV Voltage	Marcy South S.	9.0	327.8	329.3	3615
3198 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	15.3	327.8	330.2	3157
3200 >E	Gordon Rd 345kV Voltage	Princeton-N.Scot 345	15.5	327.8	330.1	3187
3212 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	27.7	500	504.7	2305
3214 >E	Pleasant Valley 345kV Voltage	Marcy South S.	12.5	327.8	344.4	3619
3216 >E	Clay 345kV Voltage	Ph2 DC 1500	9.6	327.8	345.3	3411
3216 >E	Leeds 345kV Voltage	Ph2 DC 1500	8.5	327.8	349.5	3411
3217 >E	Pannell Road 345kV Voltage	Marcy South N.	13.6	327.8	342.8	3846
3217 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	16.1	327.8	329.1	3072
3218 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	29.0	500	504.6	2240
3221 >E	Ramapo 500kV Voltage	SBK Edic R945	29.6	500	504.5	2304
3223 >E	Edic 345kV Voltage	SBK Princeton 345	16.0	327.8	328.1	2985
3223 >E	Marcy 345kV Voltage	SBK Edic R70	16.0	327.8	327.8	3255
3223 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	16.1	327.8	327.8	3182
3223 >E	Marcy 345kV Voltage	SBK Princeton 345	16.1	327.8	327.8	2985
3223 >E	Marcy 345kV Voltage	SBK Marcy R3108	16.1	327.8	327.8	3078
3223 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	16.1	327.8	327.8	3181
3223 >E	Marcy 345kV Voltage	Princeton-N.Scot 345	16.1	327.8	327.8	3210
3224 >E	Ramapo 345kV Voltage	Pre-Fault	49.0	NA	346	3224
3226 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	16.1	327.8	327.9	3184
3226 >E	Edic 345kV Voltage	N.Scot-Leeds 345	16.1	327.8	327.8	3185
3227 >E	Edic 345kV Voltage	Princeton-N.Scot 345	16.2	327.8	327.8	3213
3235 >E	Leeds 345kV Voltage	Marcy South N.	12.0	327.8	351.1	3849
3237 >E	Gordon Rd 345kV Voltage	Volney-Marcy	16.1	327.8	327.9	3164
3241 >E	Station 80 345kV Voltage	Marcy South N.	14.5	327.8	340.6	3850
3241 >E	Coopers Corners 345kV Voltage	SBK Princeton 345	14.7	327.8	329.1	3002
3246 >E	Clay 345kV Voltage	Pre-Fault	29.7	NA	345	3246
3248 >E	Coopers Corners 345kV Voltage	SBK Edic R70	14.8	327.8	328.6	3280
3251 >E	Oakdale 345kV Voltage	Marcy South S.	8.2	320	321.6	3627
3255 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	14.9	327.8	328.1	3213
3256 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	14.8	327.8	328.1	3213
3258 >E	Coopers Corners 345kV Voltage	Princeton-N.Scot 345	14.8	327.8	327.9	3245
3264 >E	Coopers Corners 345kV Voltage	Volney-Marcy	14.7	327.8	327.5	3190
3266 >E	Gordon Rd 345kV Voltage	SBK Edic R70	17.1	327.8	326.1	3298
3266 >E	Gilboa 345kV Voltage	Marcy South N.	13.9	327.8	341.9	3854
3268 >E	Fraser 345kV Voltage	Marcy South N.	13.5	327.8	327.8	3854

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3274 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	12.4	327.8	325.6	2338
3274 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	12.4	327.8	341.2	2339
3279 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	12.5	327.8	336.2	2342
3279 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	12.5	327.8	336.2	2342
3284 >E	Fraser 345kV Voltage	SBK Marcy R3108	15.8	327.8	327.8	3134
3284 >E	Fraser 345kV Voltage	SBK Edic R70	15.8	327.8	327.8	3316
3284 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	15.8	327.8	327.8	3242
3284 >E	Fraser 345kV Voltage	Volney-Marcy	15.8	327.8	327.8	3210
3284 >E	Fraser 345kV Voltage	SBK Princetown 345	15.8	327.8	327.8	3043
3284 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	15.8	327.8	327.8	3270
3284 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	15.8	327.8	327.8	3241
3284 >E	Fraser 345kV Voltage	Ravenswood 3	15.8	327.8	327.8	3346
3287 >E	Gordon Rd 345kV Voltage	SBK Edic R945	13.2	327.8	324.8	2337
3289 >E	Gilboa 345kV Voltage	SBK Edic R945	13.3	327.8	340.6	2338
3292 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	14.4	327.8	341.9	3447
3293 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	13.3	327.8	335.6	2341
3293 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	13.3	327.8	335.6	2341
3294 >E	Edic 345kV Voltage	SBK Edic R70	18.0	327.8	323.7	3326
3296 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	15.2	327.8	335.4	3356
3296 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	15.2	327.8	335.4	3356
3299 >E	Ladentown 345kV Voltage	Pre-Fault	51.1	NA	346	3299
3302 >E	St.Lawrence 230kV Voltage	Marcy South N.	27.0	218.5	226.3	3860
3307 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	14.5	327.8	345.3	3454
3308 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	13.6	327.8	342.9	2357
3309 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	19.1	327.8	342.2	3455
3312 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	15.5	327.8	345.2	3456
3317 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	28.2	218.5	226.1	3459
3319 >E	Station 80 345kV Voltage	Ph2 DC 1500	16.5	327.8	340.9	3460
3320 >E	Clay 345kV Voltage	Marcy South S.	12.4	327.8	341.3	3642
3328 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	14.9	327.8	333.8	2297
3328 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	14.9	327.8	333.8	2297
3332 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	17.4	327.8	323.0	3178
3333 >E	Clay 345kV Voltage	SBK Edic R945	15.1	327.8	342.1	2360
3335 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	15.8	327.8	338.8	2300
3339 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	17.3	327.8	337.4	2374
3344 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	15.2	327.8	341.7	2304
3357 >E	Rock Tavern 345kV Voltage	SBK Edic R945	18.4	327.8	336.6	2373
3358 >E	Millwood 345kV Voltage	Ph2 DC 1500	20.3	327.8	343.3	3478
3366 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	19.3	327.8	344.4	3482
3368 >E	Roseton 345kV Voltage	Pre-Fault	46.0	NA	345	3368

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3368 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	18.6	327.8	336.2	2317
3369 >E	Oakdale 345kV Voltage	SBK Marcy R3108	17.1	320	325.4	3211
3374 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	24.4	327.8	341.3	3486
3375 >E	Millwood 345kV Voltage	Marcy South S.	20.6	327.8	338.4	3654
3375 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	18.6	327.8	331.5	3333
3375 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	18.6	327.8	331.5	3333
3377 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	24.7	327.8	341.3	3487
3378 >E	Ramapo 500kV Voltage	Volney-Marcy	37.5	500	500.5	3300
3378 >E	Ramapo 345kV Voltage	Ph2 DC 1500	18.2	327.8	345.8	3488
3381 >E	Dunwoodie 345kV Voltage	Marcy South S.	24.2	327.8	336.7	3656
3385 >E	Sprain Brook 345kV Voltage	Marcy South S.	24.2	327.8	336.7	3656
3387 >E	Ramapo 500kV Voltage	Marcy South S.	53.7	500	507.7	3657
3388 >E	Oakdale 345kV Voltage	Ravenswood 3	16.4	320	324.4	3436
3390 >E	Ramapo 500kV Voltage	SBK Princetown 345	38.7	500	500.1	3144
3391 >E	Ramapo 500kV Voltage	361-362 D1b Ckt Twr 345	38.7	500	500.1	3347
3393 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	38.8	500	500.1	3379
3394 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	39.3	500	500.0	3353
3396 >E	Ramapo 500kV Voltage	Pre-Fault	39.0	NA	500	3396
3397 >E	Ramapo 500kV Voltage	SBK Edic R70	39.3	500	500.0	3431
3398 >E	Leeds 345kV Voltage	Pre-Fault	34.2	NA	345	3398
3401 >E	Ladentown 345kV Voltage	Ph2 DC 1500	18.2	327.8	346.8	3498
3409 >E	Pleasant Valley 345kV Voltage	Marcy South N.	22.6	327.8	342.6	3877
3412 >E	St.Lawrence 230kV Voltage	Marcy South S.	31.3	218.5	222.8	3662
3415 >E	Watercure 230kV Voltage	Ph2 DC 1500	17.9	207	222.9	3505
3417 >E	Oakdale 345kV Voltage	Volney-Marcy	18.6	320	322.9	3338
3420 >E	Roseton 345kV Voltage	Marcy South S.	17.5	327.8	342.1	3664
3426 >E	Roseton 345kV Voltage	Ph2 DC 1500	18.1	327.8	347.2	3510
3427 >E	Oakdale 345kV Voltage	SBK Princetown 345	17.9	320	322.3	3179
3428 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	18.1	327.8	348.1	3511
3433 >E	Somerset 345kV Voltage	Marcy South N.	18.3	327.8	337.0	3881
3435 >E	Bowline 1 345kV Voltage	Pre-Fault	51.6	NA	345	3435
3437 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	18.1	327.8	348.5	3515
3443 >E	Rock Tavern 345kV Voltage	Ravenswood 3	24.0	327.8	333.1	3483
3446 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	20.8	327.8	338.8	2432
3447 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	20.1	327.8	328.0	3433
3447 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	20.1	327.8	328.0	3433
3449 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	20.0	327.8	327.9	3369
3449 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	20.0	327.8	327.9	3369
3449 >E	St.Lawrence 230kV Voltage	Pre-Fault	76.8	NA	225	3449
3455 >E	Ramapo 500kV Voltage	SBK Marcy R3108	46.8	500	498.5	3290

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3457 >E	Buchanan South 345kV Voltage	Marcy South S.	21.9	327.8	338.0	3672
3458 >E	Bowline 2 345kV Voltage	Pre-Fault	51.4	NA	345	3458
3460 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	20.7	327.8	327.3	3495
3460 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	20.7	327.8	327.3	3495
3462 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	20.5	327.8	327.2	3417
3462 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	20.5	327.8	327.2	3417
3464 >E	Gilboa 345kV Voltage	Ravenswood 3	20.5	327.8	333.7	3502
3466 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	18.9	320	320.3	3421
3467 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	18.9	320	320.2	3426
3470 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	18.9	320	320.1	3455
3478 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	21.0	327.8	326.4	3311
3478 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	21.0	327.8	326.4	3311
3481 >E	Pannell Road 345kV Voltage	SBK Edic R945	22.8	327.8	337.8	2435
3487 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	22.8	327.8	337.6	2377
3488 >E	Pannell Road 345kV Voltage	Marcy South S.	20.9	327.8	338.0	3679
3495 >E	Oakdale 345kV Voltage	SBK Edic R70	19.8	320	318.7	3530
3496 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	40.8	218.5	224.4	2459
3500 >E	Ramapo 500kV Voltage	Marcy South N.	70.3	500	507.1	3892
3515 >E	Buchanan North 345kV Voltage	Marcy South S.	25.9	327.8	334.6	3685
3516 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	24.8	327.8	337.5	2470
3517 >E	Watercure 230kV Voltage	Marcy South N.	32.1	207	231.3	3894
3518 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	17.5	327.8	341.5	2471
3530 >E	Station 80 345kV Voltage	Marcy South S.	23.3	327.8	336.2	3688
3538 >E	St.Lawrence 230kV Voltage	SBK Edic R945	44.9	218.5	223.9	2464
3543 >E	Leeds 345kV Voltage	Ravenswood 3	20.6	327.8	340.8	3570
3545 >E	Clay 345kV Voltage	Ravenswood 3	21.3	327.8	335.0	3571
3549 >E	Leeds 345kV Voltage	SBK Edic R945	18.7	327.8	340.6	2469
3553 >E	Dunwoodie 345kV Voltage	Ravenswood 3	65.0	327.8	337.1	3578
3554 >E	Sprain Brook 345kV Voltage	Ravenswood 3	64.2	327.8	337.1	3579
3557 >E	Station 80 345kV Voltage	SBK Edic R945	27.1	327.8	336.5	2474
3560 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	27.0	327.8	336.4	2414
3569 >E	Rock Tavern 345kV Voltage	SBK Edic R70	24.6	327.8	328.0	3605
3571 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	24.4	327.8	327.9	3525
3571 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	24.4	327.8	327.9	3555
3573 >E	Buchanan North 345kV Voltage	Ravenswood 3	50.3	327.8	335.2	3596
3576 >E	Rock Tavern 345kV Voltage	Volney-Marcy	24.3	327.8	327.7	3492
3581 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	23.3	207	220.7	2505

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3581 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	24.9	327.8	327.5	3540
3585 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	25.0	327.8	327.3	3329
3589 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	48.1	218.5	223.2	2429
3591 >E	Clay 345kV Voltage	SBK Marcy R3108	25.7	327.8	333.4	3414
3597 >E	Coopers Corners 345kV Voltage	Marcy South N.	22.0	327.8	313.9	3907
3608 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	36.7	327.8	334.6	2520
3609 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	25.8	327.8	328.0	3568
3611 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	25.2	327.8	327.9	3594
3611 >E	Gilboa 345kV Voltage	Volney-Marcy	25.1	327.8	327.9	3525
3617 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	25.4	327.8	327.7	3570
3622 >E	Niagara 345kV Voltage	Marcy South N.	21.1	327.8	333.2	3911
3624 >E	Gilboa 345kV Voltage	SBK Marcy R3108	25.8	327.8	327.4	3445
3624 >E	Gilboa 345kV Voltage	SBK Edic R70	25.7	327.8	327.4	3661
3626 >E	Watercure 230kV Voltage	SBK Edic R945	25.4	207	219.6	2508
3627 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	25.4	207	219.6	2449
3633 >E	Millwood 345kV Voltage	Ravenswood 3	54.3	327.8	337.0	3647
3644 >E	Rock Tavern 345kV Voltage	Marcy South S.	21.9	327.8	325.7	3713
3650 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	24.4	327.8	318.0	3391
3650 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	24.4	327.8	318.0	3391
3652 >E	Pannell Road 345kV Voltage	Ravenswood 3	28.7	327.8	333.1	3664
3656 >E	Buchanan North 345kV Voltage	SBK Edic R945	40.0	327.8	333.7	2523
3656 >E	Millwood 345kV Voltage	Marcy South N.	36.7	327.8	337.2	3917
3662 >E	Dunwoodie 345kV Voltage	Marcy South N.	42.7	327.8	335.6	3918
3666 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	22.9	327.8	337.2	2469
3666 >E	Sprain Brook 345kV Voltage	Marcy South N.	42.7	327.8	335.6	3918
3667 >E	Ladentown 345kV Voltage	Marcy South S.	25.6	327.8	336.1	3718
3668 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	37.5	327.8	337.1	3678
3681 >E	Clay 345kV Voltage	SBK Princetown 345	26.7	327.8	330.4	3420
3682 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	41.0	327.8	333.2	2476
3693 >E	Somerset 345kV Voltage	Ph2 DC 1500	28.6	327.8	342.2	3637
3705 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	30.8	327.8	336.3	2573
3707 >E	Ramapo 345kV Voltage	Marcy South S.	27.8	327.8	333.7	3726
3708 >E	Gilboa 345kV Voltage	SBK Princetown 345	28.0	327.8	324.1	3446
3709 >E	Buchanan South 345kV Voltage	Ravenswood 3	52.1	327.8	336.3	3713
3710 >E	Bowline 1 345kV Voltage	Marcy South S.	25.7	327.8	336.6	3727
3712 >E	Station 80 345kV Voltage	Ravenswood 3	33.1	327.8	332.8	3716
3715 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	34.8	327.8	336.0	2578
3715 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	29.3	327.8	337.4	2579
3716 >E	Clay 345kV Voltage	Volney-Marcy	30.5	327.8	329.2	3626
3720 >E	Bowline 2 345kV Voltage	Marcy South S.	25.6	327.8	336.8	3729

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3729 >E	Roseton 345kV Voltage	Marcy South N.	30.8	327.8	340.8	3928
3751 >E	St.Lawrence 230kV Voltage	Ravenswood 3	62.0	218.5	221.1	3749
3752 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	33.1	327.8	335.4	2572
3756 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	29.7	327.8	327.9	3708
3756 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	38.6	327.8	335.5	2601
3757 >E	Clay 345kV Voltage	N.Scot-Leeds 345	29.7	327.8	327.9	3715
3757 >E	Clay 345kV Voltage	Princetown-N.Scot 345	29.7	327.8	327.8	3740
3758 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	41.3	327.8	335.1	2602
3761 >E	Roseton 345kV Voltage	SBK Edic R945	31.4	327.8	336.4	2576
3761 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	34.7	327.8	330.1	3571
3762 >E	Buchanan South 345kV Voltage	Marcy South N.	38.0	327.8	337.0	3934
3771 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	68.0	218.5	220.8	3580
3774 >E	Ramapo 345kV Voltage	SBK Edic R945	38.1	327.8	334.8	2583
3775 >E	Buchanan North 345kV Voltage	Marcy South N.	42.1	327.8	334.4	3936
3784 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	33.3	327.8	319.2	3592
3791 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	35.7	327.8	336.4	2620
3791 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	38.4	327.8	334.4	2532
3791 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	49.8	327.8	334.1	2620
3793 >E	Pannell Road 345kV Voltage	SBK Princetown 345	34.2	327.8	329.3	3526
3798 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	50.4	327.8	334.1	2623
3802 >E	Coopers Corners 345kV Voltage	Marcy South S.	20.4	327.8	281.5	3747
3805 >E	St.Lawrence 230kV Voltage	Volney-Marcy	68.2	218.5	220.4	3712
3805 >E	Roseton 345kV Voltage	Ravenswood 3	37.9	327.8	335.5	3796
3818 >E	Buchanan South 345kV Voltage	SBK Edic R945	42.1	327.8	334.5	2605
3821 >E	Millwood 345kV Voltage	SBK Edic R945	45.0	327.8	334.1	2606
3823 >E	Watercure 230kV Voltage	Pre-Fault	42.6	NA	215	3823
3826 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	33.7	327.8	335.0	2550
3842 >E	Pannell Road 345kV Voltage	Volney-Marcy	38.0	327.8	328.0	3748
3847 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	36.6	327.8	327.8	3829
3847 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	36.7	327.8	327.8	3798
3848 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	36.7	327.8	327.8	3807
3857 >E	Ladentown 345kV Voltage	SBK Edic R945	39.1	327.8	335.1	2625
3857 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	36.2	327.8	336.8	2656
3857 >E	Sprain Brook 345kV Voltage	SBK Edic R945	54.4	327.8	333.3	2625
3860 >E	Station 80 345kV Voltage	SBK Marcy R3108	40.4	327.8	329.2	3661
3861 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	37.5	327.8	333.3	2568
3862 >E	Ramapo 345kV Voltage	Ravenswood 3	50.9	327.8	333.0	3846
3865 >E	Dunwoodie 345kV Voltage	SBK Edic R945	55.2	327.8	333.2	2629
3867 >E	Station 80 345kV Voltage	SBK Princetown 345	39.1	327.8	329.0	3596

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3870 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	36.0	327.8	337.0	2663
3870 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	44.2	327.8	333.6	2573
3882 >E	Clay 345kV Voltage	SBK Edic R70	34.1	327.8	323.6	3922
3884 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	39.8	327.8	334.6	2579
3891 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	48.2	327.8	333.1	2583
3892 >E	Rock Tavern 345kV Voltage	Marcy South N.	34.8	327.8	330.1	3955
3908 >E	Ladentown 345kV Voltage	Ravenswood 3	51.1	327.8	334.1	3885
3918 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	41.5	327.8	327.8	3900
3919 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	41.5	327.8	327.8	3878
3919 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	41.6	327.8	327.8	3869
3922 >E	Pannell Road 345kV Voltage	SBK Edic R70	39.7	327.8	325.8	3962
3926 >E	Station 80 345kV Voltage	Volney-Marcy	43.3	327.8	327.6	3829
3932 >E	Bowline 1 345kV Voltage	SBK Edic R945	39.7	327.8	335.4	2662
3934 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	58.4	327.8	332.3	2605
3944 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	59.3	327.8	332.3	2610
3945 >E	Bowline 2 345kV Voltage	SBK Edic R945	39.4	327.8	335.5	2669
3950 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	76.9	218.5	218.5	3931
3952 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	76.9	218.5	218.5	3911
3952 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	76.9	218.5	218.5	3901
3959 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	40.3	327.8	334.9	2617
3962 >E	Buchanan North 345kV Voltage	Volney-Marcy	52.1	327.8	328.0	3864
3963 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	52.8	327.8	327.9	3944
3964 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	77.4	218.5	218.3	3689
3967 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	53.0	327.8	327.8	3917
3969 >E	Watercure 230kV Voltage	Ravenswood 3	36.6	207	211.6	3938
3972 >E	Buchanan North 345kV Voltage	SBK Edic R70	53.7	327.8	327.8	4013
3973 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	40.1	327.8	335.0	2625
3979 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	33.9	327.8	328.0	3960
3984 >E	Leeds 345kV Voltage	Volney-Marcy	33.8	327.8	327.9	3885
3985 >E	Station 80 345kV Voltage	SBK Edic R70	44.5	327.8	326.2	4026
4000 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	34.4	327.8	327.4	3949
4002 >E	St.Lawrence 230kV Voltage	SBK Edic R70	81.2	218.5	217.8	4043
4004 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	55.3	327.8	327.2	3963
4004 >E	Leeds 345kV Voltage	SBK Edic R70	34.8	327.8	327.3	4045
4009 >E	Bowline 1 345kV Voltage	Ravenswood 3	52.2	327.8	333.9	3973
4024 >E	Ladentown 345kV Voltage	Marcy South N.	41.9	327.8	335.8	3976
4026 >E	Bowline 2 345kV Voltage	Ravenswood 3	51.8	327.8	334.0	3987

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\L_SVC_OS\Sum2023_CEVC_PH2_50_L_SVC_OS.xlsx

1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4028 >E	Watercure 230kV Voltage	SBK Marcy R3108	39.3	207	210.2	3816
4044 >E	Ramapo 345kV Voltage	Marcy South N.	44.3	327.8	334.2	3979
4044 >E	Buchanan North 345kV Voltage	SBK Princetown 345	56.1	327.8	326.4	3765
4072 >E	Leeds 345kV Voltage	SBK Marcy R3108	36.7	327.8	325.3	3856
4094 >E	Watercure 230kV Voltage	SBK Princetown 345	40.5	207	208.6	3812
4097 >E	Bowline 1 345kV Voltage	Marcy South N.	42.0	327.8	336.3	3987
4102 >E	Ramapo 345kV Voltage	Volney-Marcy	47.9	327.8	328.1	3999
4107 >E	Watercure 230kV Voltage	Volney-Marcy	41.9	207	208.3	4004
4108 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	48.7	327.8	327.9	4088
4110 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	48.7	327.8	327.9	4058
4112 >E	Niagara 230kV East Voltage	Marcy South N.	73.6	218.5	222.4	3990
4112 >E	Niagara 230kV West Voltage	Marcy South N.	73.6	218.5	222.4	3990
4114 >E	Bowline 2 345kV Voltage	Marcy South N.	41.9	327.8	336.5	3990
4117 >E	Ramapo 345kV Voltage	SBK Edic R70	49.4	327.8	327.8	4160
4125 >E	Somerset 345kV Voltage	Pre-Fault	68.8	NA	338	4125
4134 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	50.9	327.8	328.0	4114
4146 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	50.5	327.8	327.2	4105
4148 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	50.9	327.8	327.7	4044
4151 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	45.6	327.8	328.0	4130
4154 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	51.5	327.8	327.6	4101
4157 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	52.2	327.8	327.6	4200
4158 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	42.5	207	207.1	4105
4158 >E	Roseton 345kV Voltage	Volney-Marcy	45.5	327.8	327.8	4054
4160 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	42.5	207	207.1	4119
4160 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	44.8	327.8	337.5	2821
4160 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	45.9	327.8	327.8	4107
4162 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	42.6	207	207.0	4141
4163 >E	Roseton 345kV Voltage	SBK Edic R70	46.4	327.8	327.7	4207
4170 >E	Ramapo 345kV Voltage	SBK Princetown 345	50.8	327.8	326.7	3884
4203 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	58.4	327.8	328.0	4182
4204 >E	Buchanan South 345kV Voltage	Volney-Marcy	57.7	327.8	328.0	4097
4206 >E	Watercure 230kV Voltage	SBK Edic R70	44.2	207	206.0	4250
4212 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	58.7	327.8	327.8	4158
4216 >E	Ladentown 345kV Voltage	Volney-Marcy	50.0	327.8	328.1	4109
4218 >E	Buchanan South 345kV Voltage	SBK Edic R70	59.6	327.8	327.7	4263
4221 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	50.8	327.8	328.0	4200

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4225 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	64.9	327.8	328.0	4204
4225 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	50.9	327.8	327.9	4171
4231 >E	Millwood 345kV Voltage	Volney-Marcy	64.3	327.8	327.9	4124
4234 >E	Ladentown 345kV Voltage	SBK Edic R70	51.6	327.8	327.7	4279
4238 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	65.4	327.8	327.8	4184
4239 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	49.1	327.8	326.0	4198
4241 >E	Somerset 345kV Voltage	Marcy South S.	46.3	327.8	336.6	3842
4244 >E	Millwood 345kV Voltage	SBK Edic R70	66.3	327.8	327.7	4288
4244 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	48.2	327.8	336.3	2763
4247 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	56.3	327.8	325.8	4206
4257 >E	Somerset 345kV Voltage	SBK Edic R945	48.8	327.8	336.1	2826
4271 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	53.0	327.8	327.0	4230
4274 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	62.1	327.8	326.8	4233
4283 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	79.1	327.8	327.9	4262
4290 >E	Sprain Brook 345kV Voltage	Volney-Marcy	78.3	327.8	327.9	4181
4296 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	80.5	327.8	327.9	4275
4297 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	79.6	327.8	327.8	4242
4303 >E	Sprain Brook 345kV Voltage	SBK Edic R70	80.8	327.8	327.7	4349
4304 >E	Dunwoodie 345kV Voltage	Volney-Marcy	79.7	327.8	327.8	4195
4305 >E	Bowline 1 345kV Voltage	Volney-Marcy	50.4	327.8	328.1	4195
4311 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	81.1	327.8	327.8	4256
4311 >E	Ladentown 345kV Voltage	SBK Princetown 345	53.7	327.8	326.2	4018
4312 >E	Roseton 345kV Voltage	SBK Princetown 345	50.6	327.8	324.5	4019
4313 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	51.2	327.8	328.0	4291
4316 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	69.9	327.8	326.6	4275
4317 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	51.3	327.8	327.9	4262
4318 >E	Dunwoodie 345kV Voltage	SBK Edic R70	82.3	327.8	327.7	4363
4324 >E	Bowline 2 345kV Voltage	Volney-Marcy	50.2	327.8	328.1	4213
4327 >E	Bowline 1 345kV Voltage	SBK Edic R70	52.0	327.8	327.7	4373
4331 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	51.0	327.8	328.0	4310
4336 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	51.1	327.8	327.9	4281
4342 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	45.6	327.8	317.5	4301
4346 >E	Bowline 2 345kV Voltage	SBK Edic R70	51.8	327.8	327.7	4392
4358 >E	Buchanan South 345kV Voltage	SBK Princetown 345	64.1	327.8	325.3	4062
4367 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	53.4	327.8	326.9	4326

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4382 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	85.3	327.8	326.7	4341
4387 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	53.2	327.8	326.9	4346
4400 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	87.0	327.8	326.7	4359
4408 >E	Bowline 1 345kV Voltage	SBK Princetown 345	54.1	327.8	326.1	4109
4414 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	62.5	327.8	322.6	4169
4427 >E	Bowline 2 345kV Voltage	SBK Princetown 345	53.9	327.8	326.1	4128
4435 >E	Millwood 345kV Voltage	SBK Princetown 345	73.2	327.8	324.8	4135
4445 >E	Somerset 345kV Voltage	Ravenswood 3	55.8	327.8	333.4	4349
4455 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	61.6	327.8	321.8	4155
4462 >E	Leeds 345kV Voltage	SBK Princetown 345	47.8	327.8	313.9	4161
4510 >E	Roseton 345kV Voltage	SBK Marcy R3108	59.4	327.8	320.2	4257
4512 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	89.6	327.8	325.1	4209
4532 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	84.0	327.8	317.2	4277
4533 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	91.4	327.8	325.0	4228
4615 >E	Niagara 345kV Voltage	Ph2 DC 1500	55.3	327.8	343.2	4073
4755 >E	Somerset 345kV Voltage	SBK Princetown 345	66.0	327.8	328.9	4439
4828 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	68.8	327.8	327.8	4803
4831 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	69.0	327.8	327.7	4791
4832 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	69.0	327.8	327.7	4772
4838 >E	Somerset 345kV Voltage	SBK Marcy R3108	69.6	327.8	327.6	4557
4897 >E	Somerset 345kV Voltage	Volney-Marcy	72.2	327.8	326.8	4767
4898 >E	Millwood 345kV Voltage	SBK Marcy R3108	99.6	327.8	317.7	4612
4900 >E	Ramapo 345kV Voltage	SBK Marcy R3108	83.6	327.8	311.8	4614
4904 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	92.0	327.8	316.1	4617
4909 >E	Rainey 345kV Voltage	Ph2 DC 1500	73.2	327.8	349.9	4213
4914 >E	Somerset 345kV Voltage	SBK Edic R70	72.4	327.8	326.5	4967
4925 >E	Farragut 345kV Voltage	Ph2 DC 1500	75.3	327.8	349.4	4220
4957 >E	Niagara 230kV East Voltage	Ph2 DC 1500	128.9	218.5	226.6	4235
4957 >E	Niagara 230kV West Voltage	Ph2 DC 1500	128.9	218.5	226.6	4235
5024 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	123.2	327.8	318.7	4728
5046 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	125.4	327.8	318.7	4747
5046 >E	Rainey 345kV Voltage	Marcy South S.	77.8	327.8	341.3	4017
5069 >E	Ladentown 345kV Voltage	SBK Marcy R3108	86.1	327.8	311.4	4769
5084 >E	Farragut 345kV Voltage	Marcy South S.	80.8	327.8	341.0	4025
5275 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	88.8	327.8	309.3	4958
5295 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	88.0	327.8	309.2	4976
5522 >E	Goethals 345kV Voltage	Ph2 DC 1500	99.5	327.8	349.5	4503
5652 >E	Niagara 345kV Voltage	Pre-Fault	129.0	NA	338	5652
5719 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	89.2	327.8	337.5	3669
5749 >E	Gardenville 230kV Voltage	Ph2 DC 1500	98.1	207	224.7	4610

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5844 >E	Goethals 345kV Voltage	Marcy South S.	111.4	327.8	340.6	4190
5890 >E	Niagara 230kV East Voltage	Pre-Fault	307.9	NA	225	5890
5890 >E	Niagara 230kV West Voltage	Pre-Fault	307.9	NA	225	5890
5890 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	95.0	327.8	336.2	3601
5940 >E	Niagara 345kV Voltage	SBK Edic R945	96.7	327.8	335.8	3675
5947 >E	Rainey 345kV Voltage	Ravenswood 3	149.4	327.8	342.4	5648
6086 >E	Farragut 345kV Voltage	Ravenswood 3	155.4	327.8	341.7	5768
6214 >E	Niagara 345kV Voltage	Ravenswood 3	106.2	327.8	333.6	5879
6336 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	211.9	218.5	223.6	4004
6336 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	211.9	218.5	223.6	4004
6520 >E	Rainey 345kV Voltage	Marcy South N.	134.2	327.8	340.3	4376
6547 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	225.8	218.5	222.9	3936
6547 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	225.8	218.5	222.9	3936
6572 >E	Farragut 345kV Voltage	Marcy South N.	138.9	327.8	340.1	4384
6621 >E	Niagara 230kV East Voltage	SBK Edic R945	230.5	218.5	222.6	4018
6621 >E	Niagara 230kV West Voltage	SBK Edic R945	230.5	218.5	222.6	4018
6687 >E	Gardenville 230kV Voltage	Marcy South N.	140.2	207	227.7	4402
6761 >E	Niagara 345kV Voltage	Marcy South S.	122.3	327.8	339.0	4390
6849 >E	Niagara 345kV Voltage	SBK Princetown 345	125.0	327.8	328.7	6426
6972 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	129.2	327.8	327.8	6930
6976 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	129.3	327.8	327.7	6938
6981 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	129.4	327.8	327.7	6896
6988 >E	Niagara 230kV East Voltage	Ravenswood 3	254.5	218.5	221.4	6548
6988 >E	Niagara 230kV West Voltage	Ravenswood 3	254.5	218.5	221.4	6548
6997 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	151.8	327.8	338.2	4364
7032 >E	Farragut 345kV Voltage	Pre-Fault	256.9	NA	338	7032
7035 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	156.4	327.8	338.0	4385
7044 >E	Rainey 345kV Voltage	Pre-Fault	249.5	NA	338	7044
7111 >E	Niagara 345kV Voltage	SBK Marcy R3108	133.4	327.8	326.7	6640
7112 >E	Niagara 345kV Voltage	SBK Edic R70	134.2	327.8	326.7	7193
7154 >E	Niagara 345kV Voltage	Volney-Marcy	135.4	327.8	326.4	6945
7276 >E	Goethals 345kV Voltage	Ravenswood 3	201.4	327.8	341.3	6798
7386 >E	Rainey 345kV Voltage	SBK Edic R945	166.9	327.8	336.6	4403
7429 >E	Farragut 345kV Voltage	SBK Edic R945	171.9	327.8	336.5	4425
7508 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	160.2	207	220.5	4642
7572 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	173.4	327.8	335.9	4457
7601 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	178.0	327.8	335.8	4472
7739 >E	Goethals 345kV Voltage	Marcy South N.	185.9	327.8	340.2	4571
7741 >E	Niagara 230kV East Voltage	SBK Princetown 345	298.4	218.5	219.0	7274
7741 >E	Niagara 230kV West Voltage	SBK Princetown 345	298.4	218.5	219.0	7274

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7897 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	308.3	218.5	218.5	7849
7897 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	308.3	218.5	218.5	7849
7909 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	309.1	218.5	218.4	7871
7909 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	309.1	218.5	218.4	7871
7909 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	309.1	218.5	218.4	7814
7909 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	309.1	218.5	218.4	7814
7989 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	177.3	207	218.9	4670
8059 >E	Gardenville 230kV Voltage	SBK Edic R945	180.1	207	218.7	4742
8063 >E	Niagara 230kV East Voltage	SBK Edic R70	319.7	218.5	217.9	8156
8063 >E	Niagara 230kV West Voltage	SBK Edic R70	319.7	218.5	217.9	8156
8081 >E	Niagara 230kV East Voltage	SBK Marcy R3108	319.3	218.5	217.9	7528
8081 >E	Niagara 230kV West Voltage	SBK Marcy R3108	319.3	218.5	217.9	7528
8130 >E	Niagara 230kV East Voltage	Volney-Marcy	323.6	218.5	217.7	7888
8130 >E	Niagara 230kV West Voltage	Volney-Marcy	323.6	218.5	217.7	7888
8333 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	208.7	327.8	338.3	5090
8439 >E	Goethals 345kV Voltage	Pre-Fault	352.8	NA	338	8439
8553 >E	Gardenville 230kV Voltage	Pre-Fault	296.3	NA	217	8553
8861 >E	Goethals 345kV Voltage	SBK Edic R945	229.6	327.8	336.8	5147
8924 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	231.4	327.8	336.6	5146
9427 >E	Rainey 345kV Voltage	Volney-Marcy	242.5	327.8	328.5	9140
9483 >E	Farragut 345kV Voltage	Volney-Marcy	249.5	327.8	328.5	9194
9524 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	247.0	327.8	328.1	9463
9531 >E	Gardenville 230kV Voltage	Ravenswood 3	228.6	207	213.7	8747
9556 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	248.0	327.8	327.9	9442
9571 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	253.7	327.8	328.1	9510
9632 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	255.9	327.8	327.9	9517
9651 >E	Rainey 345kV Voltage	SBK Edic R70	252.1	327.8	327.6	9765
9732 >E	Farragut 345kV Voltage	SBK Edic R70	260.3	327.8	327.5	9846
9772 >E	Northport 138kV Voltage	Ph2 DC 1500	534.5	131.1	143.1	6515
10009 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	265.4	327.8	326.1	9973
10074 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	273.2	327.8	326.2	10038
10325 >E	Northport 138kV Voltage	Marcy South S.	577.1	131.1	136.8	5164
10376 >E	Rainey 345kV Voltage	SBK Princetown 345	276.9	327.8	324.6	9774

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\L_SVC_OS\Sum2023_CEVC_PH2_50_L_SVC_OS.xlsx

1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
10435 >E	Farragut 345kV Voltage	SBK Princetown 345	284.8	327.8	324.8	9831
10639 >E	Niagara 230kV East Voltage	Marcy South S.	484.9	218.5	227.4	5232
10639 >E	Niagara 230kV West Voltage	Marcy South S.	484.9	218.5	227.4	5232
11053 >E	Gardenville 230kV Voltage	SBK Princetown 345	281.1	207	208.6	10417
11449 >E	Gardenville 230kV Voltage	SBK Marcy R3108	295.5	207	207.2	10613
11504 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	295.9	207	207.0	11428
11520 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	296.6	207	207.0	11384
11530 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	297.0	207	207.0	11495
11707 >E	Goethals 345kV Voltage	Volney-Marcy	339.0	327.8	328.7	11341
11853 >E	Gardenville 230kV Voltage	Volney-Marcy	309.5	207	205.9	11481
11910 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	347.8	327.8	328.2	11831
11934 >E	Gardenville 230kV Voltage	SBK Edic R70	311.1	207	205.6	12076
11967 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	349.8	327.8	328.0	11826
12164 >E	Goethals 345kV Voltage	SBK Edic R70	358.0	327.8	327.4	12309
12599 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	374.7	327.8	326.2	12564
12924 >E	Rainey 345kV Voltage	SBK Marcy R3108	374.7	327.8	314.4	11964
12977 >E	Farragut 345kV Voltage	SBK Marcy R3108	384.2	327.8	314.9	12013
13032 >E	Goethals 345kV Voltage	SBK Princetown 345	389.1	327.8	325.0	12296
16215 >E	Northport 138kV Voltage	Marcy South N.	1041.6	131.1	136.0	5930
16511 >E	Goethals 345kV Voltage	SBK Marcy R3108	526.2	327.8	315.1	15250
21734	Northport 138kV Voltage	Edic-Gordon Rd. 345	1475.9	131.1	137.2	12379

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

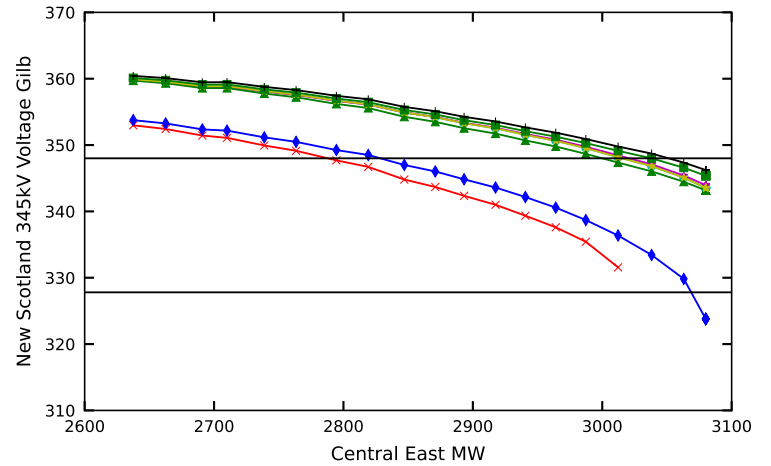
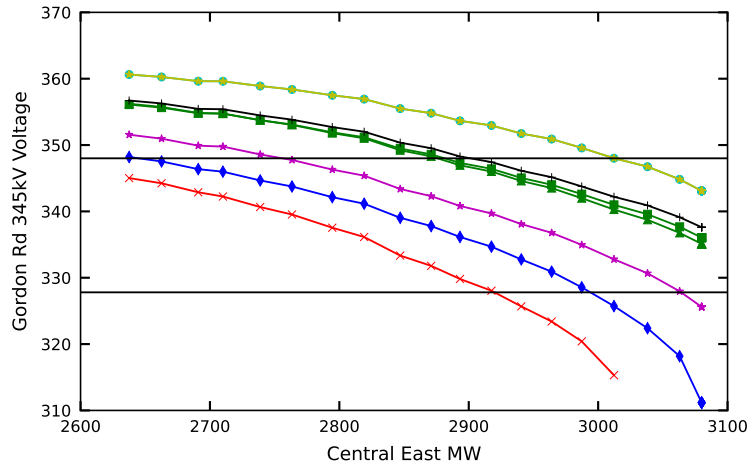
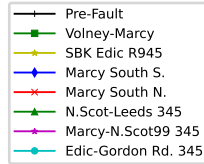
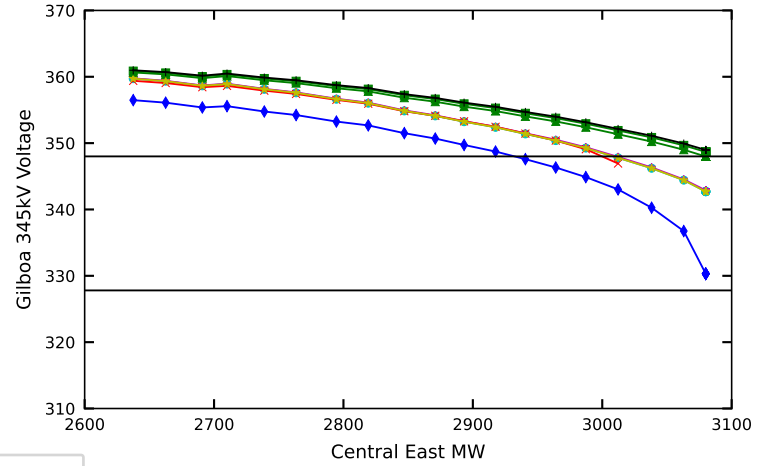
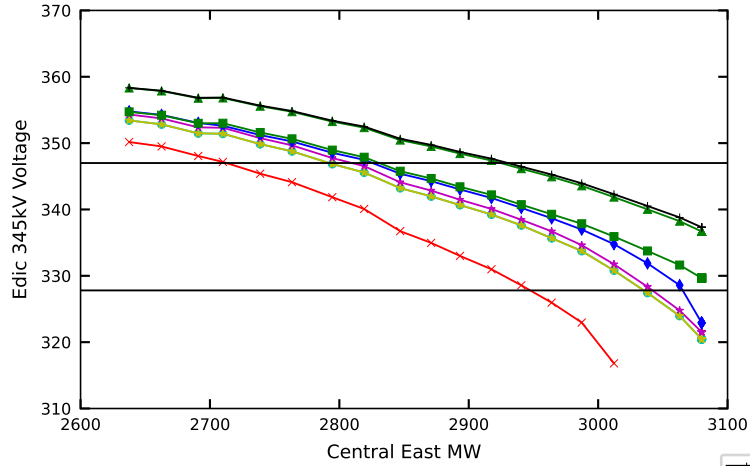
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1: 2023S CEVC PH2 CE2690 MS2270 DE1420 50 L_SVC_OS

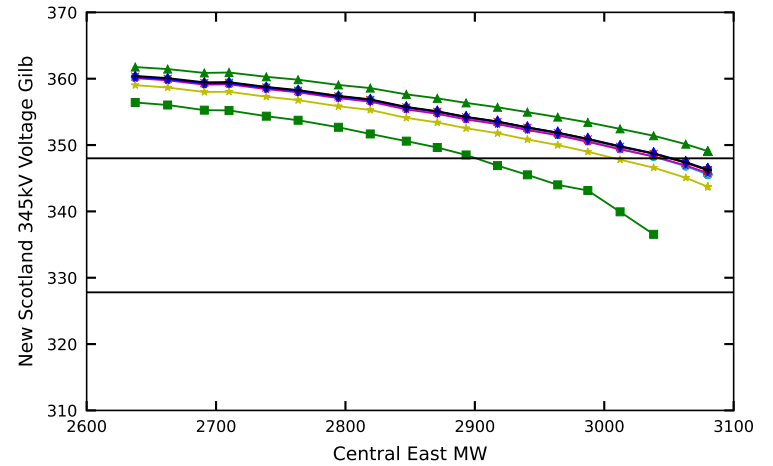
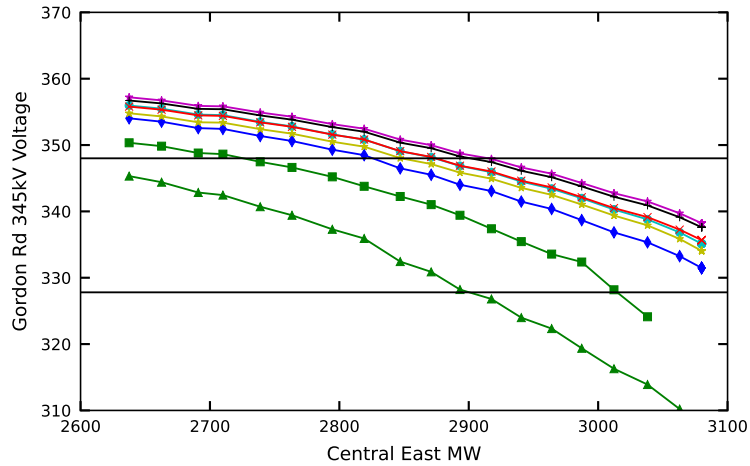
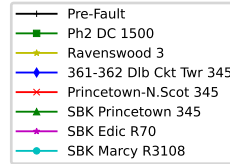
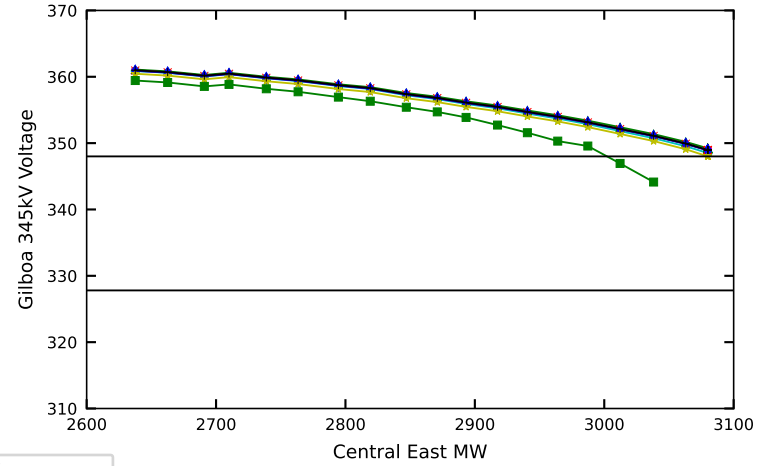
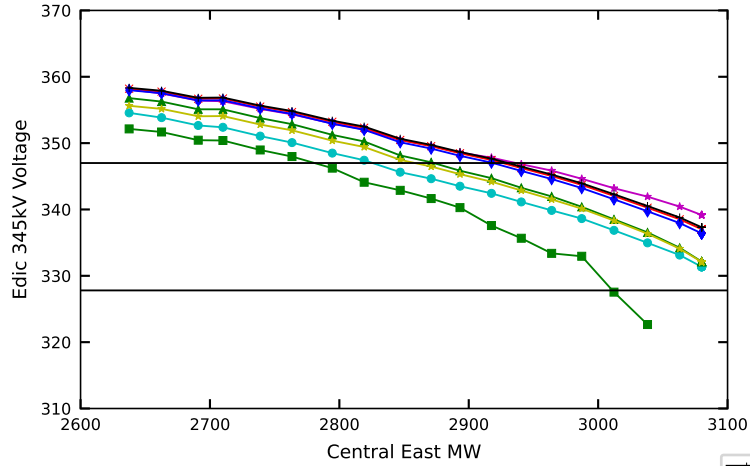
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
23751	Northport 138kV Voltage	SBK Edic R945	1635.4	131.1	136.5	12652
>E						
25433	Northport 138kV Voltage	Marcy-N.Scot99 345	1766.7	131.1	135.9	13552
>E						
28034	Northport 138kV Voltage	Pre-Fault	2847.5	NA	135	28034
>E						
34477	Northport 138kV Voltage	Ravenswood 3	2547.8	131.1	132.7	30316
>E						
37165	Northport 138kV Voltage	Volney-Marcy	2689.3	131.1	131.8	35917
>E						
38312	Northport 138kV Voltage	Princetown-N.Scot 345	2782.1	131.1	131.4	38033
>E						
38729	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	2814.4	131.1	131.2	38285
>E						
39561	Northport 138kV Voltage	SBK Edic R70	2881.4	131.1	131.0	40054
>E						
42893	Northport 138kV Voltage	N.Scot-Leeds 345	3143.4	131.1	129.8	42881
>E						
45166	Northport 138kV Voltage	SBK Princetown 345	3315.6	131.1	129.0	42797
>E						
63287	Northport 138kV Voltage	SBK Marcy R3108	4745.9	131.1	122.6	58100
>E						
99998	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

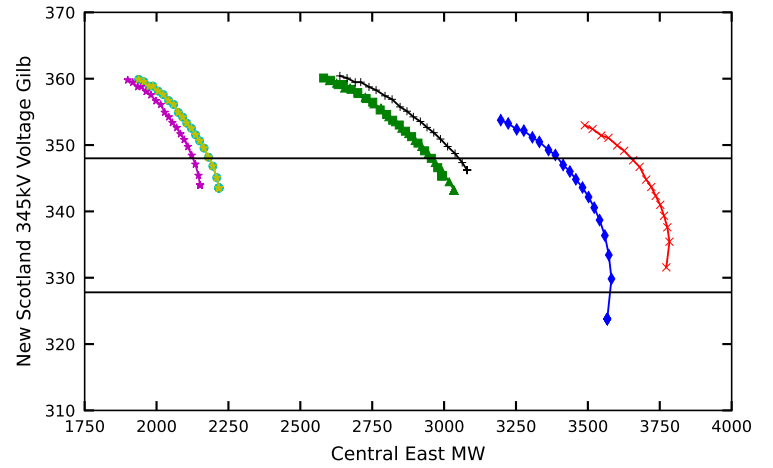
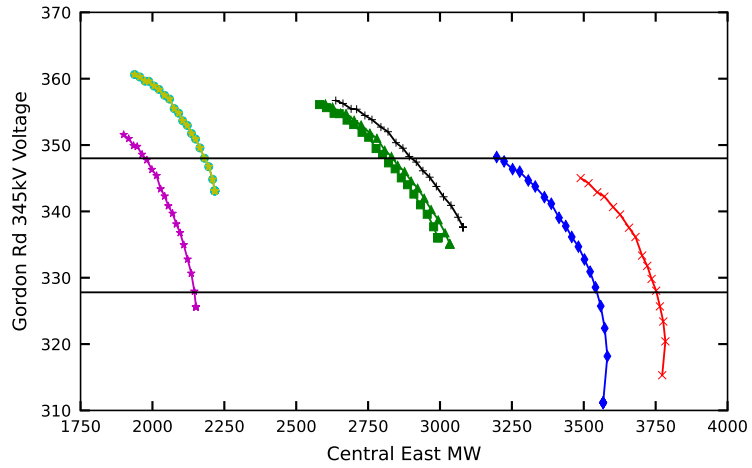
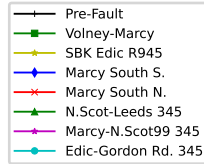
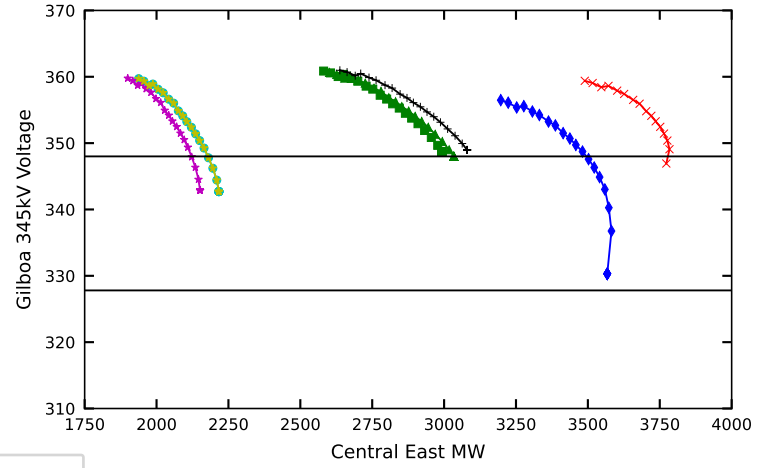
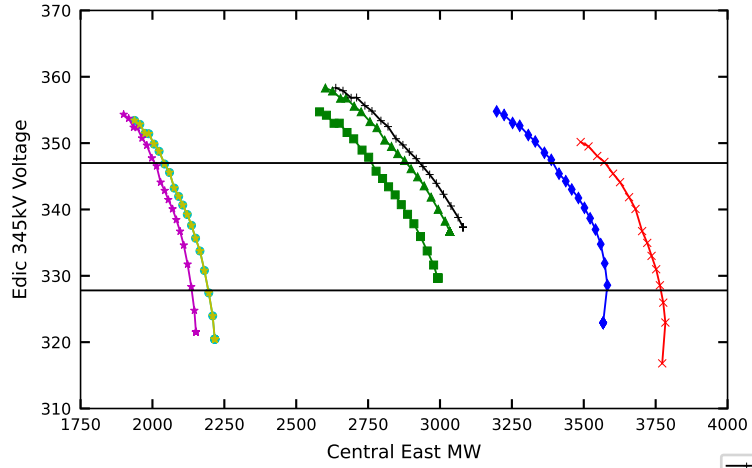
1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_05 Figure 1



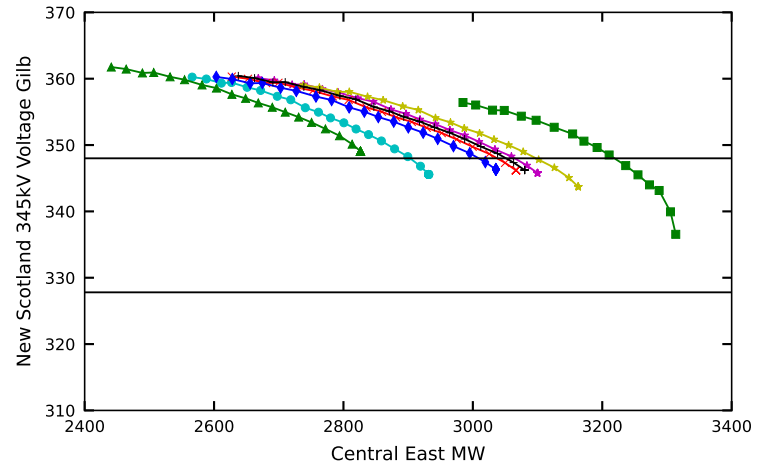
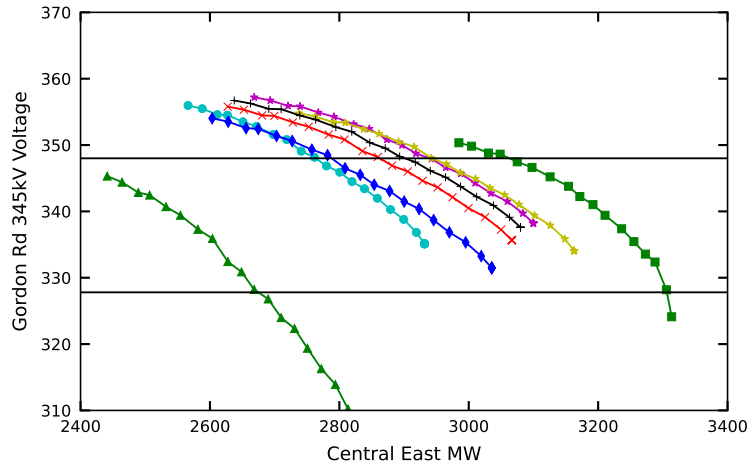
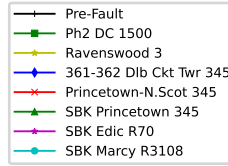
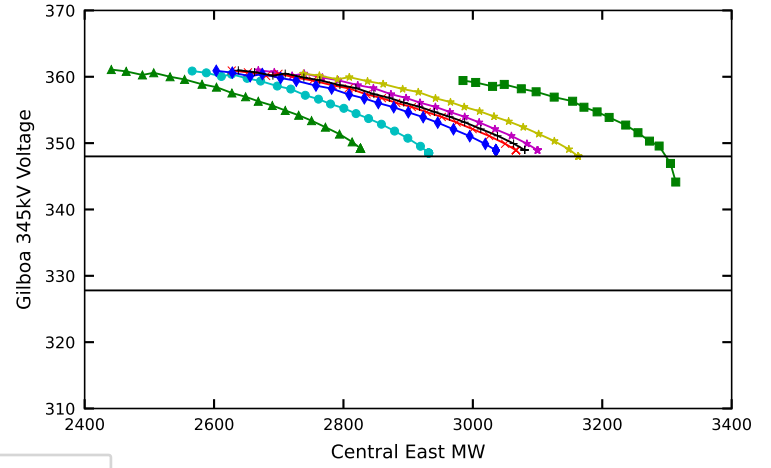
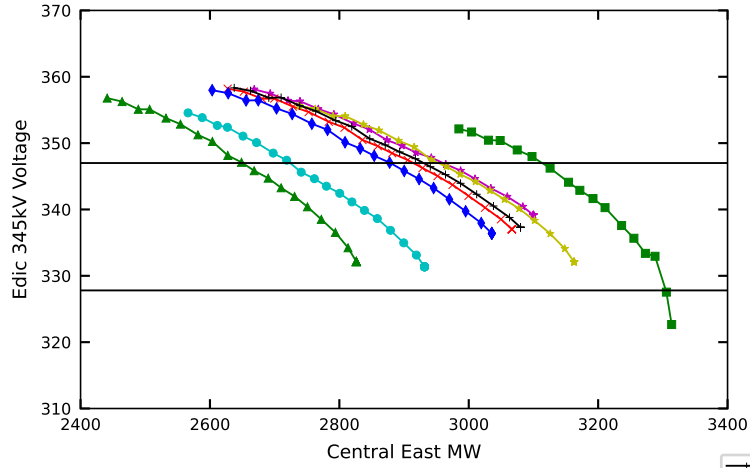
1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_05 Figure 2



1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_05 Figure 1



1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_05 Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\M_STAT_OS\Sum2023_CEVC_PH2_50_M_STAT_OS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

Interface: Central East

Transfer r MW	base	ce0 1	ce0 2	ce0 3	ce0 7	ce0 8	ce1 1	ce1 3	ce1 5	ce2 0	ce3 0	ce3 1	ce3 2	log0 9	log1 5
2637	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2662	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2690	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2710	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2738	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2763	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2794	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2819	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2847	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2870	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0														
2893	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1														
2917	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2														
2940	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3														
2964	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4														
2987	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5														
3012	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6														
3038	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
	7														
3062	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	2
	8														
3079	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	2
	9														
3079	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	2
	0														
3079	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	2
	1														
3079	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	2
	2														
3079	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	2
	3														
3079	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	2
	4														
3079	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	2
	5														

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-17-2023 11:04

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\M_STAT_OS\Sum2023_CEVC_PH2_5O_M_STAT_OS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 5O M_STAT_OS

Interface: Central East

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2639 >E	Dunwoodie 345kV Voltage	Pre-Fault	92.4	NA	348	2639
2649 >E	Sprain Brook 345kV Voltage	Pre-Fault	92.2	NA	348	2649
2837	limit with 5% margin	Marcy South N.	NA	NA	NA	3594
2886	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3147
2900	Gordon Rd 345kV Voltage	SBK Princetown 345	17.1	327.8	348.0	2674
2901	Gordon Rd 345kV Voltage	Pre-Fault	28.7	NA	348	2901
2907	Millwood 345kV Voltage	Pre-Fault	114.4	NA	348	2907
2908	Marcy 345kV Voltage	Pre-Fault	23.7	NA	348	2908
2909	limit with 5% margin	Marcy South S.	NA	NA	NA	3402
2919	Gordon Rd 345kV Voltage	Marcy South N.	9.8	327.8	347.3	3753
2925	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2043
2925	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2105
2925	limit with 5% margin	SBK Edic R945	NA	NA	NA	2105
2925	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2785
2925	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2882
2925	limit with 5% margin	Volney-Marcy	NA	NA	NA	2842
2925	limit with 5% margin	SBK Edic R70	NA	NA	NA	2944
2925	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2684
2925	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2913
2925	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2883
2925	limit with 5% margin	Ravenswood 3	NA	NA	NA	3004
2930	Edic 345kV Voltage	Pre-Fault	19.2	NA	347	2930
2946	Marcy 345kV Voltage	Marcy South N.	8.9	327.8	346.1	3767
2947	Edic 345kV Voltage	Marcy South N.	9.0	327.8	346.1	3768
2993	Gordon Rd 345kV Voltage	Marcy South S.	8.8	327.8	343.3	3545
2997	Buchanan North 345kV Voltage	Pre-Fault	66.7	NA	346	2997
3009	Marcy 345kV Voltage	Ph2 DC 1500	4.5	327.8	342.3	3303
3011	Edic 345kV Voltage	Ph2 DC 1500	4.6	327.8	342.4	3304
3014	Gordon Rd 345kV Voltage	Ph2 DC 1500	6.4	327.8	342.1	3306
3027	Marcy 345kV Voltage	SBK Edic R945	7.6	327.8	341.1	2189
3027	Marcy 345kV Voltage	Edic-Gordon Rd. 345	7.6	327.8	341.1	2189
3031 >E	Oakdale 345kV Voltage	Marcy South N.	8.4	320	346.8	3797
3035	Edic 345kV Voltage	SBK Edic R945	7.7	327.8	340.7	2194
3035	Edic 345kV Voltage	Edic-Gordon Rd. 345	7.7	327.8	340.7	2194
3041	Edic 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	340.3	2136
3046	Marcy 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	339.8	2138
3051	New Scotland 345kV Voltage Alps	Pre-Fault	18.3	NA	348	3051
3051	New Scotland 345kV Voltage Gilb	Pre-Fault	18.3	NA	348	3051
3058	Coopers Corners 345kV Voltage	SBK Edic R945	8.0	327.8	341.7	2207
3058	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	341.7	2207

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\M_STAT_OS\Sum2023_CEVC_PH2_50_M_STAT_OS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3061	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	7.9	327.8	341.5	2145
3064	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.2	327.8	339.0	2146
3068 >E	Marcy 345kV Voltage	Marcy South S.	7.5	327.8	338.3	3583
3068 >E	New Scotland 345kV Voltage Alps	Marcy South N.	10.7	327.8	347.5	3809
3068 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	10.7	327.8	347.5	3809
3068 >E	Edic 345kV Voltage	Marcy South S.	7.5	327.8	338.4	3584
3073	Marcy 345kV Voltage	SBK Marcy R3108	6.1	327.8	337.7	2926
3076	Fraser 345kV Voltage	SBK Edic R945	4.9	327.8	341.3	2215
3076	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.9	327.8	341.3	2215
3076 >E	New Scotland 345kV Voltage Alps	Marcy South S.	6.9	327.8	346.6	3587
3076 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	6.9	327.8	346.6	3587
3079	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.1	327.8	341.0	2151
3080 >E	Oakdale 345kV Voltage	SBK Edic R945	0.1	320	340.8	2224
3080 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	0.1	320	340.8	2224
3080 >E	Clay 345kV Voltage	SBK Edic R945	0.1	327.8	350.8	2236
3080 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	0.1	327.8	350.8	2236
3081 >E	St.Lawrence 230kV Voltage	SBK Edic R945	0.2	218.5	230.0	2249
3081 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	0.2	218.5	230.0	2249
3081 >E	Rock Tavern 345kV Voltage	Pre-Fault	20.8	NA	348	3081
3081 >E	Ramapo 500kV Voltage	Ph2 DC 1500	31.2	500	508.4	3327
3081 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	0.1	327.8	348.8	2257
3081 >E	Pannell Road 345kV Voltage	SBK Edic R945	0.1	327.8	348.8	2257
3082 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	0.5	500	508.1	2259
3082 >E	Ramapo 500kV Voltage	SBK Edic R945	0.5	500	508.1	2259
3082 >E	Station 80 345kV Voltage	SBK Edic R945	0.2	327.8	348.0	2267
3082 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	0.2	327.8	348.0	2267
3082 >E	Gilboa 345kV Voltage	SBK Edic R945	0.2	327.8	348.8	2275
3082 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	0.2	327.8	348.8	2275
3083 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	0.2	207	232.4	2289
3083 >E	Watercure 230kV Voltage	SBK Edic R945	0.2	207	232.4	2289
3083 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	0.3	327.8	337.3	2298
3084 >E	Gordon Rd 345kV Voltage	SBK Edic R945	0.3	327.8	337.3	2299
3084 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	0.3	327.8	346.0	2302
3084 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	0.3	327.8	346.0	2302
3084 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	0.3	327.8	346.0	2302
3084 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	0.3	327.8	346.0	2302
3084 >E	Rock Tavern 345kV Voltage	SBK Edic R945	0.3	327.8	347.9	2307
3084 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	0.3	327.8	347.9	2307
3086 >E	Somerset 345kV Voltage	SBK Edic R945	0.3	327.8	353.3	2360
3086 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	0.3	327.8	353.3	2359
3089 >E	Buchanan North 345kV Voltage	SBK Edic R945	0.6	327.8	344.4	2404

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\M_STAT_OS\Sum2023_CEVC_Ph2_50_M_STAT_OS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3089 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	0.6	327.8	344.4	2404
3089 >E	Ramapo 345kV Voltage	SBK Edic R945	0.5	327.8	348.8	2409
3089 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	0.5	327.8	348.8	2409
3091 >E	Ladentown 345kV Voltage	SBK Edic R945	0.6	327.8	350.1	2447
3091 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	0.6	327.8	350.1	2446
3091 >E	Pleasant Valley 345kV Voltage	Pre-Fault	20.8	NA	348	3091
3091 >E	Bowline 1 345kV Voltage	SBK Edic R945	0.6	327.8	351.7	2462
3091 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	0.6	327.8	351.7	2462
3092 >E	Bowline 2 345kV Voltage	SBK Edic R945	0.6	327.8	352.2	2467
3092 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	0.6	327.8	352.2	2467
3092 >E	Edic 345kV Voltage	Volney-Marcy	6.9	327.8	336.1	3001
3093 >E	Buchanan South 345kV Voltage	SBK Edic R945	0.7	327.8	346.8	2486
3093 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	0.8	327.8	346.8	2490
3093 >E	Marcy 345kV Voltage	Volney-Marcy	8.3	327.8	335.9	3001
3094 >E	Fraser 345kV Voltage	Ph2 DC 1500	5.7	327.8	340.4	3331
3095 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	0.9	327.8	345.5	2527
3095 >E	Millwood 345kV Voltage	SBK Edic R945	0.9	327.8	345.5	2527
3096 >E	Sprain Brook 345kV Voltage	SBK Edic R945	1.1	327.8	342.7	2548
3096 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	1.1	327.8	342.7	2547
3096 >E	Dunwoodie 345kV Voltage	SBK Edic R945	1.1	327.8	342.6	2555
3096 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	1.1	327.8	342.6	2555
3096 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	0.8	327.8	351.0	2563
3097 >E	Roseton 345kV Voltage	SBK Edic R945	0.8	327.8	351.0	2570
3097 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	7.5	327.8	339.6	3332
3098 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	0.6	327.8	358.0	2589
3098 >E	Niagara 345kV Voltage	SBK Edic R945	0.6	327.8	358.0	2595
3100 >E	Gilboa 345kV Voltage	Pre-Fault	20.8	NA	348	3100
3101 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	1.4	218.5	233.9	2661
3101 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	1.4	218.5	233.9	2661
3101 >E	Niagara 230kV East Voltage	SBK Edic R945	1.4	218.5	233.9	2669
3101 >E	Niagara 230kV West Voltage	SBK Edic R945	1.4	218.5	233.9	2669
3102 >E	Gardenville 230kV Voltage	SBK Edic R945	0.8	207	235.3	2681
3102 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	0.8	207	235.3	2680
3103 >E	Edic 345kV Voltage	SBK Marcy R3108	6.5	327.8	335.1	2942
3104 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	1.2	327.8	348.0	2732
3104 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	1.2	327.8	348.0	2732
3105 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	7.7	327.8	346.0	3334
3105 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	7.7	327.8	346.0	3334
3107 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.9	320	337.6	2160
3109 >E	Oakdale 345kV Voltage	Ph2 DC 1500	5.4	320	338.6	3335
3110 >E	Edic 345kV Voltage	SBK Princetown 345	6.9	327.8	334.4	2842

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3110 >E	Coopers Corners 345kV Voltage	Pre-Fault	13.9	NA	338	3110
3113 >E	Marcy 345kV Voltage	Ravenswood 3	8.3	327.8	333.9	3189
3113 >E	Marcy 345kV Voltage	SBK Princetown 345	8.3	327.8	333.9	2844
3115 >E	Edic 345kV Voltage	Ravenswood 3	8.3	327.8	333.9	3191
3116 >E	Clay 345kV Voltage	Marcy South N.	11.5	327.8	350.6	3824
3118 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	333.9	3070
3121 >E	Fraser 345kV Voltage	Pre-Fault	13.9	NA	338	3121
3124 >E	Marcy 345kV Voltage	SBK Edic R70	10.4	327.8	332.9	3136
3124 >E	Station 80 345kV Voltage	Pre-Fault	20.8	NA	346	3124
3124 >E	Buchanan South 345kV Voltage	Pre-Fault	41.7	NA	346	3124
3126 >E	Gilboa 345kV Voltage	Marcy South S.	7.1	327.8	347.0	3605
3145 >E	Gordon Rd 345kV Voltage	Ravenswood 3	10.4	327.8	331.4	3214
3148 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	14.8	218.5	227.6	3348
3156 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	10.4	327.8	331.7	2968
3161 >E	Clay 345kV Voltage	Pre-Fault	13.9	NA	345	3161
3162 >E	Clay 345kV Voltage	Ph2 DC 1500	8.7	327.8	348.3	3352
3162 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	3.2	327.8	353.9	3917
3162 >E	Rainey 345kV Voltage	SBK Edic R945	3.2	327.8	353.9	3920
3164 >E	Coopers Corners 345kV Voltage	Ravenswood 3	10.4	327.8	334.1	3230
3165 >E	Gordon Rd 345kV Voltage	Volney-Marcy	10.4	327.8	329.4	3054
3167 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	3.4	327.8	353.4	4013
3167 >E	Farragut 345kV Voltage	SBK Edic R945	3.4	327.8	353.4	4015
3167 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	328.7	3114
3169 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	10.4	327.8	328.7	3116
3170 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	328.4	3107
3172 >E	Edic 345kV Voltage	N.Scot-Leeds 345	10.4	327.8	328.4	3108
3174 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	328.1	3152
3174 >E	Edic 345kV Voltage	SBK Edic R70	8.3	327.8	328.2	3177
3176 >E	Edic 345kV Voltage	Princetown-N.Scot 345	10.4	327.8	328.1	3153
3181 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	327.9	3115
3189 >E	Gilboa 345kV Voltage	Ph2 DC 1500	9.2	327.8	345.1	3361
3189 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	13.9	327.8	327.1	3165
3190 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	8.4	327.8	345.8	2186
3192 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	4.5	327.8	353.2	4540
3192 >E	Goethals 345kV Voltage	SBK Edic R945	4.5	327.8	353.2	4543
3197 >E	Fraser 345kV Voltage	Marcy South S.	9.4	327.8	331.5	3631
3198 >E	Leeds 345kV Voltage	Marcy South S.	8.7	327.8	350.8	3632
3201 >E	Oakdale 345kV Voltage	Pre-Fault	20.8	NA	335	3201

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3201 >E	Pannell Road 345kV Voltage	Pre-Fault	41.7	NA	346	3201
3205 >E	Ramapo 345kV Voltage	Pre-Fault	41.7	NA	346	3205
3210 >E	Leeds 345kV Voltage	Pre-Fault	13.9	NA	345	3210
3212 >E	Roseton 345kV Voltage	Pre-Fault	20.8	NA	345	3212
3214 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	31.3	500	506.7	2193
3220 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	13.9	327.8	330.1	2903
3224 >E	Gordon Rd 345kV Voltage	SBK Edic R70	13.9	327.8	323.7	3218
3235 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	10.3	327.8	340.1	2200
3237 >E	Clay 345kV Voltage	Volney-Marcy	8.3	327.8	339.5	3106
3241 >E	Pannell Road 345kV Voltage	Marcy South N.	17.4	327.8	345.4	3864
3243 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	328.4	3165
3246 >E	Clay 345kV Voltage	Ravenswood 3	8.3	327.8	338.9	3295
3249 >E	Clay 345kV Voltage	SBK Marcy R3108	8.7	327.8	341.1	3012
3251 >E	Fraser 345kV Voltage	SBK Marcy R3108	13.0	327.8	327.8	3013
3251 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	13.0	327.8	330.3	3013
3253 >E	Oakdale 345kV Voltage	SBK Marcy R3108	10.4	320	327.5	3014
3253 >E	Sprain Brook 345kV Voltage	Ravenswood 3	20.8	327.8	338.9	3301
3253 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	14.0	327.8	344.9	3381
3259 >E	Oakdale 345kV Voltage	Volney-Marcy	10.4	320	332.2	3123
3261 >E	Ladentown 345kV Voltage	Pre-Fault	41.7	NA	346	3261
3263 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	10.4	327.8	333.0	3125
3263 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	10.4	327.8	333.0	3125
3263 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	327.8	3181
3263 >E	Fraser 345kV Voltage	SBK Princetown 345	13.9	327.8	327.8	2926
3263 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	13.9	327.8	327.8	3232
3263 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	13.9	327.8	327.8	3200
3263 >E	Fraser 345kV Voltage	Ravenswood 3	13.9	327.8	327.8	3309
3263 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	12.5	327.8	340.8	2209
3263 >E	Station 80 345kV Voltage	Marcy South N.	17.6	327.8	342.6	3871
3267 >E	Oakdale 345kV Voltage	Ravenswood 3	10.4	320	331.8	3312
3268 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	11.7	327.8	333.7	2211
3268 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	11.7	327.8	333.7	2211
3268 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	21.1	218.5	226.0	2211
3273 >E	Oakdale 345kV Voltage	Marcy South S.	9.4	320	324.5	3659
3285 >E	Station 80 345kV Voltage	Ph2 DC 1500	16.1	327.8	343.7	3391
3290 >E	Clay 345kV Voltage	SBK Princetown 345	10.4	327.8	335.7	2941
3293 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	13.9	327.8	330.9	3206
3293 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	13.9	327.8	330.9	3206
3294 >E	Leeds 345kV Voltage	Ph2 DC 1500	10.8	327.8	350.0	3394
3301 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	13.9	327.8	330.3	3339

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3301 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	13.9	327.8	330.3	3339
3302 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	14.3	327.8	342.1	2222
3302 >E	Rock Tavern 345kV Voltage	Ravenswood 3	13.9	327.8	337.4	3340
3306 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	14.8	327.8	342.6	3397
3306 >E	Coopers Corners 345kV Voltage	SBK Edic R70	20.8	327.8	323.9	3285
3309 >E	Pleasant Valley 345kV Voltage	Marcy South S.	16.9	327.8	343.1	3672
3310 >E	Fraser 345kV Voltage	Marcy South N.	15.5	327.8	327.8	3886
3310 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	13.0	327.8	332.9	3041
3310 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	13.0	327.8	332.9	3041
3311 >E	Clay 345kV Voltage	Marcy South S.	13.0	327.8	342.7	3673
3329 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	13.9	327.8	328.3	3304
3329 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	13.9	327.8	328.3	3304
3329 >E	Coopers Corners 345kV Voltage	Volney-Marcy	20.8	327.8	322.2	3173
3330 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	20.8	327.8	322.2	3261
3332 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	13.0	327.8	339.2	3052
3335 >E	New Scotland 345kV Voltage Alps	Princeton-N.Scot 345	13.9	327.8	327.8	3297
3335 >E	New Scotland 345kV Voltage Gilb	Princeton-N.Scot 345	13.9	327.8	327.8	3297
3336 >E	Coopers Corners 345kV Voltage	Princeton-N.Scot 345	20.8	327.8	321.8	3297
3336 >E	Oakdale 345kV Voltage	SBK Princeton 345	13.9	320	328.5	2966
3337 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	13.9	327.8	327.7	3267
3337 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	13.9	327.8	327.7	3267
3339 >E	Watercure 230kV Voltage	Marcy South N.	22.8	207	226.0	3895
3343 >E	Pannell Road 345kV Voltage	Volney-Marcy	13.9	327.8	342.6	3184
3352 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	17.2	327.8	340.7	2237
3352 >E	Pannell Road 345kV Voltage	SBK Princeton 345	13.9	327.8	342.4	2975
3352 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	17.1	327.8	344.0	3412
3354 >E	Fraser 345kV Voltage	Volney-Marcy	20.8	327.8	321.2	3192
3354 >E	Fraser 345kV Voltage	SBK Edic R70	20.8	327.8	321.2	3324
3360 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	335.5	3260
3363 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	13.9	320	327.2	3291
3365 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	22.9	327.8	340.9	3416
3365 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	13.9	320	327.1	3264
3365 >E	Gilboa 345kV Voltage	Marcy South N.	17.8	327.8	339.5	3903
3369 >E	Oakdale 345kV Voltage	SBK Edic R70	13.9	320	326.9	3336
3370 >E	Gilboa 345kV Voltage	Volney-Marcy	13.9	327.8	335.1	3203
3370 >E	Bowline 1 345kV Voltage	Pre-Fault	41.7	NA	345	3370
3372 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	34.6	218.5	227.2	3071

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3375 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	13.9	327.8	325.0	2988
3375 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	13.9	327.8	325.0	2988
3389 >E	Bowline 2 345kV Voltage	Pre-Fault	41.7	NA	345	3389
3395 >E	Clay 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	328.1	3288
3396 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	20.8	327.8	335.4	3320
3398 >E	Clay 345kV Voltage	Princetown-N.Scot 345	13.9	327.8	327.9	3353
3409 >E	Millwood 345kV Voltage	Ph2 DC 1500	23.2	327.8	341.5	3430
3411 >E	Station 80 345kV Voltage	SBK Marcy R3108	17.3	327.8	335.3	3090
3413 >E	Ramapo 500kV Voltage	SBK Edic R70	41.7	500	500.2	3373
3415 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	41.7	500	500.1	3338
3416 >E	Leeds 345kV Voltage	Marcy South N.	17.5	327.8	347.7	3919
3416 >E	Ramapo 345kV Voltage	Ravenswood 3	20.8	327.8	340.9	3432
3418 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	41.7	500	500.0	3372
3420 >E	Ramapo 500kV Voltage	Pre-Fault	41.7	NA	500	3420
3422 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	23.7	327.8	336.8	2260
3422 >E	Dunwoodie 345kV Voltage	Ravenswood 3	41.7	327.8	334.7	3436
3424 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	22.5	327.8	342.6	3435
3425 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	27.5	327.8	339.6	3435
3426 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	27.7	327.8	339.5	3435
3429 >E	Station 80 345kV Voltage	Marcy South S.	19.2	327.8	335.5	3717
3431 >E	St.Lawrence 230kV Voltage	Marcy South N.	43.7	218.5	226.4	3924
3435 >E	Ladentown 345kV Voltage	Ravenswood 3	20.8	327.8	341.8	3446
3437 >E	Ramapo 345kV Voltage	Ph2 DC 1500	21.5	327.8	343.7	3439
3437 >E	Pannell Road 345kV Voltage	Marcy South S.	19.4	327.8	338.0	3720
3438 >E	Gilboa 345kV Voltage	SBK Marcy R3108	17.3	327.8	335.2	3102
3438 >E	St.Lawrence 230kV Voltage	Marcy South S.	35.9	218.5	225.1	3720
3439 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	20.8	327.8	331.3	3450
3449 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	20.8	327.8	336.6	3368
3449 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	13.9	327.8	327.8	3332
3449 >E	Leeds 345kV Voltage	Volney-Marcy	13.9	327.8	327.8	3261
3449 >E	Leeds 345kV Voltage	SBK Edic R70	13.9	327.8	327.8	3402
3449 >E	Leeds 345kV Voltage	SBK Princetown 345	13.9	327.8	327.8	3028
3449 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	13.9	327.8	327.8	3400
3449 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	13.9	327.8	327.8	3368
3452 >E	Ramapo 500kV Voltage	Marcy South S.	57.3	500	506.5	3725
3456 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	29.8	131.1	143.8	9991
3456 >E	Northport 138kV Voltage	SBK Edic R945	29.8	131.1	143.8	10003

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\M_STAT_OS\Sum2023_CEVC_Ph2_50_M_STAT_OS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3461 >E	Station 80 345kV Voltage	Ravenswood 3	20.8	327.8	329.8	3468
3464 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	21.2	327.8	340.1	2273
3466 >E	Roseton 345kV Voltage	Ph2 DC 1500	19.7	327.8	345.1	3448
3468 >E	Ladentown 345kV Voltage	Ph2 DC 1500	21.5	327.8	344.8	3448
3469 >E	Station 80 345kV Voltage	Volney-Marcy	20.8	327.8	329.4	3275
3475 >E	Pannell Road 345kV Voltage	Ravenswood 3	20.8	327.8	339.4	3478
3479 >E	Station 80 345kV Voltage	SBK Princetown 345	20.8	327.8	329.0	3045
3490 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	20.8	327.8	328.4	3051
3492 >E	Rock Tavern 345kV Voltage	SBK Edic R70	20.8	327.8	328.3	3437
3496 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	20.8	327.8	328.1	3369
3498 >E	St.Lawrence 230kV Voltage	Pre-Fault	83.4	NA	225	3498
3499 >E	Station 80 345kV Voltage	SBK Edic R70	20.8	327.8	328.0	3443
3499 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	20.8	327.8	328.0	3414
3500 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	20.8	327.8	327.9	3414
3501 >E	Gilboa 345kV Voltage	Ravenswood 3	20.8	327.8	328.8	3499
3501 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	21.5	327.8	345.9	3459
3503 >E	Rock Tavern 345kV Voltage	Volney-Marcy	20.8	327.8	327.8	3300
3509 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	20.8	327.8	327.9	3451
3510 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	21.4	327.8	346.2	3461
3511 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	20.8	320	320.1	3456
3513 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	20.8	327.8	327.7	3426
3515 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	20.8	327.8	327.7	3308
3516 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	20.8	327.8	338.4	3386
3517 >E	Pannell Road 345kV Voltage	SBK Edic R70	20.8	327.8	338.4	3458
3518 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	20.8	327.8	338.4	3462
3520 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	20.8	327.8	327.9	3432
3520 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	20.8	327.8	327.8	3464
3520 >E	Gilboa 345kV Voltage	SBK Edic R70	20.8	327.8	327.8	3460
3521 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	22.2	327.8	340.2	2291
3524 >E	Buchanan North 345kV Voltage	Ravenswood 3	41.7	327.8	323.3	3517
3526 >E	Gilboa 345kV Voltage	SBK Princetown 345	20.8	327.8	327.5	3070
3539 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	25.9	327.8	336.9	2297
3540 >E	Leeds 345kV Voltage	SBK Marcy R3108	17.3	327.8	327.8	3151
3547 >E	Millwood 345kV Voltage	Marcy South S.	29.0	327.8	336.8	3760
3548 >E	Millwood 345kV Voltage	Ravenswood 3	41.7	327.8	334.3	3537
3551 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	20.8	327.8	316.9	3460

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3554 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	41.7	218.5	224.3	3463
3555 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	22.2	327.8	341.1	2302
3559 >E	Dunwoodie 345kV Voltage	Marcy South S.	34.3	327.8	335.5	3765
3559 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	28.7	327.8	335.2	2303
3560 >E	Clay 345kV Voltage	SBK Edic R70	20.8	327.8	316.3	3493
3562 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	33.1	327.8	333.9	2304
3564 >E	Sprain Brook 345kV Voltage	Marcy South S.	34.2	327.8	335.4	3767
3565 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	33.4	327.8	333.7	2305
3565 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	22.2	327.8	341.3	2305
3566 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	20.8	327.8	328.0	3426
3578 >E	Bowline 1 345kV Voltage	SBK Edic R70	20.8	327.8	340.0	3508
3582 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	20.8	327.8	339.9	3488
3588 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	20.8	327.8	340.2	3444
3590 >E	Bowline 2 345kV Voltage	SBK Princetown 345	20.8	327.8	340.2	3106
3592 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	20.8	327.8	340.1	3497
3594 >E	Bowline 2 345kV Voltage	Volney-Marcy	20.8	327.8	340.1	3366
3598 >E	Roseton 345kV Voltage	Marcy South S.	24.0	327.8	340.4	3779
3618 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	24.5	327.8	337.7	2322
3620 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	26.0	327.8	327.3	3189
3624 >E	Buchanan South 345kV Voltage	Ravenswood 3	41.7	327.8	334.0	3598
3625 >E	Pleasant Valley 345kV Voltage	Marcy South N.	31.9	327.8	339.7	3986
3630 >E	Watercure 230kV Voltage	Ph2 DC 1500	30.1	207	236.3	3499
3630 >E	Leeds 345kV Voltage	Ravenswood 3	20.8	327.8	314.8	3602
3643 >E	Coopers Corners 345kV Voltage	Marcy South N.	23.3	327.8	311.5	3991
3667 >E	Buchanan South 345kV Voltage	Marcy South S.	31.1	327.8	336.0	3805
3676 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	28.5	327.8	332.5	2341
3692 >E	Somerset 345kV Voltage	Ph2 DC 1500	29.8	327.8	345.6	3519
3699 >E	Roseton 345kV Voltage	SBK Marcy R3108	26.0	327.8	339.4	3227
3705 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	41.7	327.8	328.0	3538
3706 >E	Dunwoodie 345kV Voltage	SBK Edic R70	41.7	327.8	327.9	3612
3712 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	41.7	327.8	327.8	3637
3716 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	41.7	327.8	327.8	3641
3718 >E	Dunwoodie 345kV Voltage	Volney-Marcy	41.7	327.8	327.7	3456
3722 >E	Sprain Brook 345kV Voltage	Volney-Marcy	41.7	327.8	327.7	3459
3722 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	41.7	327.8	327.6	3178
3726 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	41.7	327.8	327.6	3180
3729 >E	Ramapo 500kV Voltage	Marcy South N.	98.2	500	506.2	4018
3740 >E	Buchanan North 345kV Voltage	Marcy South S.	36.2	327.8	332.4	3832

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3745 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	25.0	327.8	327.8	2362
3770 >E	Buchanan North 345kV Voltage	SBK Edic R70	41.7	327.8	311.4	3665
3775 >E	Buchanan North 345kV Voltage	SBK Princetown 345	41.7	327.8	311.2	3207
3778 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	41.7	327.8	311.1	3664
3778 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	41.7	327.8	311.0	3697
3779 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	35.0	207	235.0	2373
3781 >E	Buchanan North 345kV Voltage	Volney-Marcy	41.7	327.8	310.9	3502
3807 >E	Watercure 230kV Voltage	Pre-Fault	41.7	NA	215	3807
3810 >E	Northport 138kV Voltage	Pre-Fault	83.4	NA	135	3810
3810 >E	Millwood 345kV Voltage	SBK Edic R70	41.7	327.8	328.0	3698
3817 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	41.7	327.8	327.8	3732
3818 >E	Somerset 345kV Voltage	Marcy South N.	35.4	327.8	342.3	4047
3823 >E	Millwood 345kV Voltage	Volney-Marcy	41.7	327.8	327.7	3532
3827 >E	Millwood 345kV Voltage	SBK Princetown 345	41.7	327.8	327.6	3236
3844 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	32.9	327.8	341.7	2394
3857 >E	Bowline 1 345kV Voltage	Ravenswood 3	41.7	327.8	333.3	3784
3874 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	41.7	327.8	328.0	3674
3876 >E	Buchanan South 345kV Voltage	SBK Edic R70	41.7	327.8	328.0	3751
3876 >E	Bowline 2 345kV Voltage	Ravenswood 3	41.7	327.8	333.3	3799
3883 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	41.7	327.8	327.8	3791
3883 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	41.7	327.8	327.8	3759
3883 >E	St.Lawrence 230kV Voltage	Volney-Marcy	83.4	218.5	220.4	3576
3885 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	51.9	327.8	327.5	3316
3887 >E	Buchanan South 345kV Voltage	Volney-Marcy	41.7	327.8	327.7	3579
3888 >E	Buchanan South 345kV Voltage	SBK Princetown 345	41.7	327.8	327.7	3269
3890 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	51.9	327.8	311.9	3318
3910 >E	Watercure 230kV Voltage	SBK Marcy R3108	34.6	207	224.4	3328
3912 >E	Niagara 345kV Voltage	Pre-Fault	41.7	NA	338	3912
3922 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	41.7	327.8	307.7	3713
3922 >E	St.Lawrence 230kV Voltage	Ravenswood 3	83.4	218.5	219.9	3836
3923 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	41.7	327.8	307.6	3828
3925 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	41.7	327.8	307.6	3829
3926 >E	Roseton 345kV Voltage	Ravenswood 3	41.7	327.8	310.7	3839
3929 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	41.7	327.8	307.8	3718
3945 >E	Rock Tavern 345kV Voltage	Marcy South S.	31.7	327.8	322.0	3908
3945 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	41.7	327.8	307.0	3847
3950 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	41.7	327.8	328.0	3820
3953 >E	Ramapo 345kV Voltage	SBK Edic R70	41.7	327.8	328.0	3815

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3954 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	41.7	327.8	328.0	3739
3955 >E	Ramapo 345kV Voltage	SBK Princetown 345	41.7	327.8	328.0	3305
3959 >E	Goethals 345kV Voltage	Ravenswood 3	41.7	327.8	353.2	3866
3962 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	41.7	327.8	327.9	3830
3965 >E	Ramapo 345kV Voltage	Volney-Marcy	41.7	327.8	327.8	3636
3966 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	83.4	218.5	219.4	3311
3966 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	51.9	327.8	327.5	3355
3970 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	41.7	327.8	305.8	3314
3972 >E	St.Lawrence 230kV Voltage	SBK Edic R70	83.4	218.5	219.3	3830
3976 >E	Millwood 345kV Voltage	Marcy South N.	51.8	327.8	333.4	4097
3987 >E	Ladentown 345kV Voltage	Marcy South S.	37.2	327.8	332.7	3923
3996 >E	Dunwoodie 345kV Voltage	Marcy South N.	61.1	327.8	332.4	4103
4000 >E	Sprain Brook 345kV Voltage	Marcy South N.	60.9	327.8	332.4	4104
4010 >E	Ladentown 345kV Voltage	SBK Edic R70	41.7	327.8	328.0	3861
4010 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	41.7	327.8	328.0	3784
4011 >E	Somerset 345kV Voltage	Marcy South S.	38.0	327.8	335.5	3932
4015 >E	Ladentown 345kV Voltage	SBK Princetown 345	41.7	327.8	327.9	3338
4017 >E	Millwood 345kV Voltage	SBK Marcy R3108	51.9	327.8	309.4	3379
4018 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	41.7	327.8	327.8	3881
4020 >E	Ramapo 345kV Voltage	Marcy South S.	39.4	327.8	330.7	3935
4022 >E	Ladentown 345kV Voltage	Volney-Marcy	41.7	327.8	327.8	3677
4033 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	83.4	218.5	218.6	3802
4039 >E	Roseton 345kV Voltage	Marcy South N.	41.8	327.8	336.3	4117
4050 >E	Bowline 1 345kV Voltage	Marcy South S.	37.3	327.8	333.1	3946
4053 >E	Roseton 345kV Voltage	SBK Edic R70	41.7	327.8	304.6	3896
4060 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	41.7	327.8	304.3	3952
4061 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	41.7	327.8	304.3	3919
4064 >E	Roseton 345kV Voltage	Volney-Marcy	41.7	327.8	304.1	3708
4065 >E	Roseton 345kV Voltage	SBK Princetown 345	41.7	327.8	304.1	3366
4069 >E	Rock Tavern 345kV Voltage	Marcy South N.	40.6	327.8	324.1	4126
4077 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	41.7	327.8	328.0	3838
4081 >E	Bowline 1 345kV Voltage	SBK Princetown 345	41.7	327.8	327.9	3375
4084 >E	Watercure 230kV Voltage	Volney-Marcy	41.7	207	208.3	3722
4086 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	41.7	327.8	327.8	3975
4089 >E	Bowline 1 345kV Voltage	Volney-Marcy	41.7	327.8	327.8	3726
4097 >E	Bowline 2 345kV Voltage	SBK Edic R70	41.7	327.8	328.0	3932
4098 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	51.9	327.8	327.5	3418
4102 >E	Buchanan North 345kV Voltage	Marcy South N.	57.6	327.8	330.1	4137

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4105 >E	Watercure 230kV Voltage	SBK Princetown 345	41.7	207	207.9	3388
4106 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	41.7	327.8	327.8	3992
4112 >E	Somerset 345kV Voltage	Volney-Marcy	41.7	327.8	353.3	3742
4117 >E	Bowline 2 345kV Voltage	Marcy South S.	39.1	327.8	332.2	3971
4118 >E	Somerset 345kV Voltage	SBK Princetown 345	41.7	327.8	353.3	3395
4128 >E	Buchanan South 345kV Voltage	Marcy South N.	53.9	327.8	332.3	4145
4131 >E	Somerset 345kV Voltage	SBK Edic R70	41.7	327.8	353.3	3960
4134 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	41.7	207	207.1	3986
4137 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	41.7	207	207.1	3886
4137 >E	Watercure 230kV Voltage	SBK Edic R70	41.7	207	207.1	3965
4137 >E	Goethals 345kV Voltage	SBK Edic R70	41.7	327.8	353.2	3965
4138 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	41.7	327.8	353.3	3888
4140 >E	Goethals 345kV Voltage	Volney-Marcy	41.7	327.8	353.2	3763
4145 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	41.7	327.8	353.4	3893
4147 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	41.7	327.8	353.4	3997
4149 >E	Farragut 345kV Voltage	Volney-Marcy	41.7	327.8	353.4	3769
4168 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	41.7	327.8	353.9	4048
4170 >E	Rainey 345kV Voltage	Volney-Marcy	41.7	327.8	353.9	3785
4171 >E	Rainey 345kV Voltage	SBK Princetown 345	41.7	327.8	353.9	3424
4173 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	51.9	327.8	306.5	3453
4197 >E	Ramapo 345kV Voltage	SBK Marcy R3108	51.9	327.8	327.5	3465
4208 >E	Coopers Corners 345kV Voltage	Marcy South S.	30.5	327.8	267.8	4005
4267 >E	Ladentown 345kV Voltage	SBK Marcy R3108	51.9	327.8	304.6	3499
4268 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	44.7	327.8	327.8	26759
4268 >E	Leeds 345kV Voltage	SBK Edic R945	44.7	327.8	327.8	26797
4326 >E	Niagara 345kV Voltage	Volney-Marcy	41.7	327.8	328.1	3898
4327 >E	Niagara 345kV Voltage	SBK Princetown 345	41.7	327.8	328.0	3509
4336 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	41.7	327.8	327.8	4047
4351 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	51.9	327.8	327.5	3538
4375 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	51.9	327.8	302.5	3550
4386 >E	Somerset 345kV Voltage	SBK Marcy R3108	51.9	327.8	353.3	3555
4440 >E	Ramapo 345kV Voltage	Marcy South N.	59.5	327.8	328.3	4244
4518 >E	Ladentown 345kV Voltage	Marcy South N.	60.4	327.8	328.8	4269
4550 >E	Gardenville 230kV Voltage	SBK Marcy R3108	51.9	207	235.5	3634
4624 >E	Gardenville 230kV Voltage	Pre-Fault	83.4	NA	217	4624
4627 >E	Bowline 1 345kV Voltage	Marcy South N.	60.8	327.8	328.7	4303
4805 >E	Bowline 2 345kV Voltage	Marcy South N.	66.3	327.8	326.4	4360
4894 >E	Niagara 345kV Voltage	Ph2 DC 1500	66.1	327.8	348.8	3896
5067 >E	Watercure 230kV Voltage	Ravenswood 3	83.4	207	184.8	4751

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\M_STAT_OS\Sum2023_CEVC_Ph2_50_M_STAT_OS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5230 >E	Rainey 345kV Voltage	Ph2 DC 1500	85.5	327.8	346.7	4002
5259 >E	Farragut 345kV Voltage	Ph2 DC 1500	88.4	327.8	346.4	4011
5309 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	76.5	327.8	344.3	2860
5427 >E	Gardenville 230kV Voltage	Ravenswood 3	83.4	207	207.4	5039
5437 >E	Gardenville 230kV Voltage	SBK Princetown 345	83.4	207	207.3	4117
5453 >E	Gardenville 230kV Voltage	SBK Edic R70	83.4	207	207.1	5042
5455 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	83.4	207	207.0	4950
5485 >E	Niagara 345kV Voltage	Marcy South N.	84.2	327.8	344.0	4575
5682 >E	Niagara 230kV East Voltage	Ph2 DC 1500	179.8	218.5	231.0	4144
5682 >E	Niagara 230kV West Voltage	Ph2 DC 1500	179.8	218.5	231.0	4144
5725 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	102.2	327.8	337.6	2992
5761 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	105.6	327.8	337.4	3003
5775 >E	Rainey 345kV Voltage	Marcy South S.	104.7	327.8	340.0	4583
5820 >E	Farragut 345kV Voltage	Marcy South S.	108.5	327.8	339.8	4600
5840 >E	Niagara 345kV Voltage	Marcy South S.	92.5	327.8	336.7	4607
5986 >E	Goethals 345kV Voltage	Ph2 DC 1500	117.8	327.8	346.3	4239
6019 >E	Watercure 230kV Voltage	Marcy South S.	112.7	207	214.5	4674
6438 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	221.2	218.5	228.6	3219
6438 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	221.2	218.5	228.6	3219
6606 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	139.7	327.8	337.5	3272
6715 >E	Goethals 345kV Voltage	Marcy South S.	144.6	327.8	339.9	4931
6931 >E	Niagara 230kV East Voltage	Marcy South N.	261.2	218.5	228.8	5033
6931 >E	Niagara 230kV West Voltage	Marcy South N.	261.2	218.5	228.8	5033
7775 >E	Niagara 230kV East Voltage	Marcy South S.	303.2	218.5	224.4	5322
7775 >E	Niagara 230kV West Voltage	Marcy South S.	303.2	218.5	224.4	5322
8216 >E	Rainey 345kV Voltage	Marcy South N.	197.0	327.8	335.8	5440
8306 >E	Farragut 345kV Voltage	Marcy South N.	204.4	327.8	335.7	5469
10083 >E	Goethals 345kV Voltage	Marcy South N.	275.9	327.8	336.0	6032
10800 >E	Gardenville 230kV Voltage	Ph2 DC 1500	283.8	207	266.4	5751
11398 >E	Northport 138kV Voltage	Ph2 DC 1500	663.1	131.1	139.5	5939
13009 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	784.9	131.1	134.9	5308
13587 >E	Northport 138kV Voltage	Marcy South S.	833.1	131.1	136.2	7469
22005 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	689.6	207	295.3	8169
23140 >E	Northport 138kV Voltage	Marcy South N.	1583.5	131.1	134.2	10170

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998	Buchanan North 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Farragut 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Farragut 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Goethals 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Goethals 345kV Voltage	361-362 D1b Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Gardenville 230kV Voltage	Marcy South N.	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Gardenville 230kV Voltage	361-362 D1b Ckt Twr 345	NA	207	NA	99998
>E						
99998	Ladentown 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Millwood 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\M_STAT_OS\Sum2023_CEVC_Ph2_50_M_STAT_OS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
99998	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Niagara 230kV East Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	Niagara 230kV East Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Volney-Marcy	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Marcy R3108	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Edic R70	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV East Voltage	Ravenswood 3	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Pre-Fault	NA	NA	225	99998
>E						
99998	Niagara 230kV West Voltage	N.Scot-Leeds 345	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	Volney-Marcy	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Marcy R3108	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Edic R70	NA	218.5	NA	99998
>E						
99998	Niagara 230kV West Voltage	SBK Princetown 345	NA	218.5	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\M_STAT_OS\Sum2023_CEVC_PH2_50_M_STAT_OS.xlsx

1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	NA	218.5	NA	99998
99998 >E	Niagara 230kV West Voltage	Ravenswood 3	NA	218.5	NA	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Rainey 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Rainey 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99998 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	NA	500	NA	99998
99998 >E	Ramapo 500kV Voltage	Volney-Marcy	NA	500	NA	99998
99998	Ramapo 500kV Voltage	SBK Marcy R3108	NA	500	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

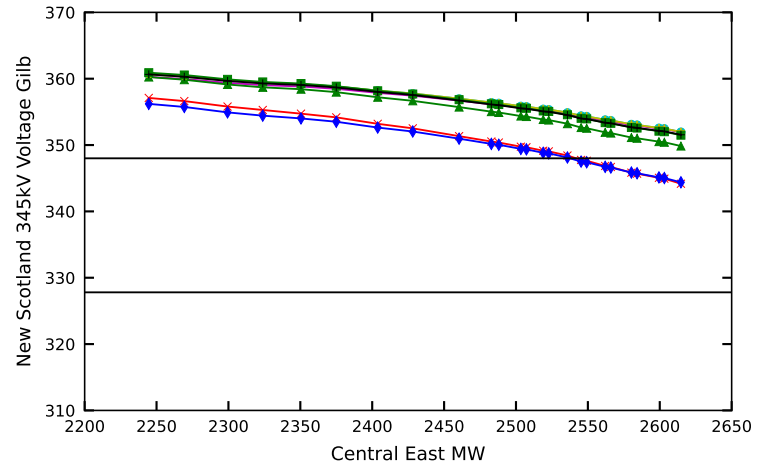
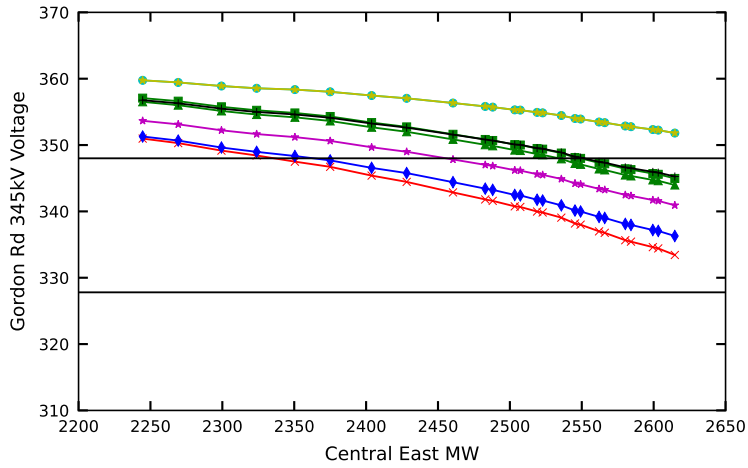
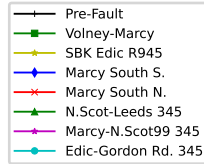
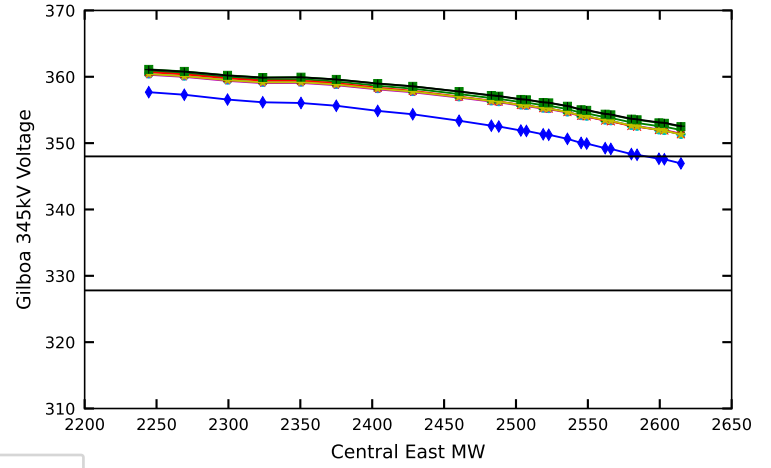
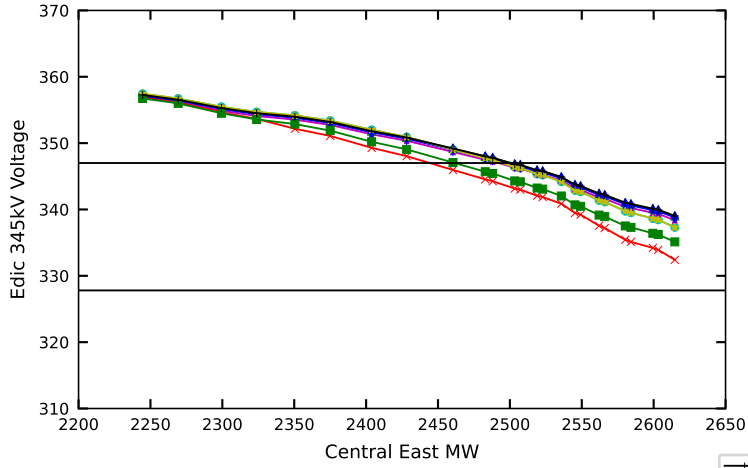
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1: 2023S CEVC PH2 CE2630 MS2270 DE1420 50 M_STAT_OS

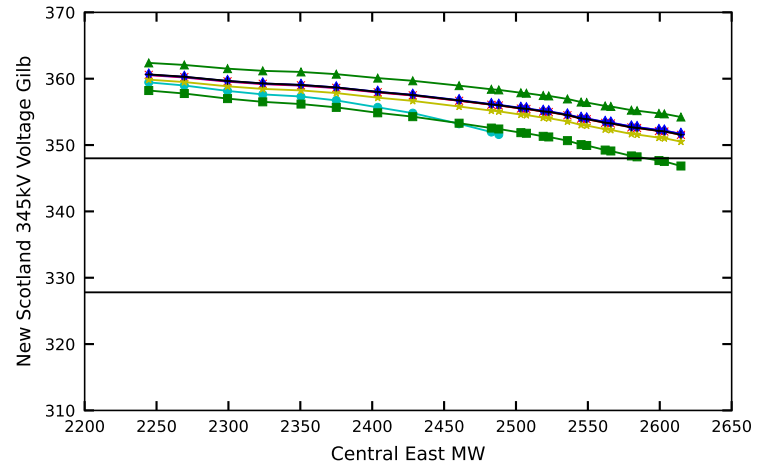
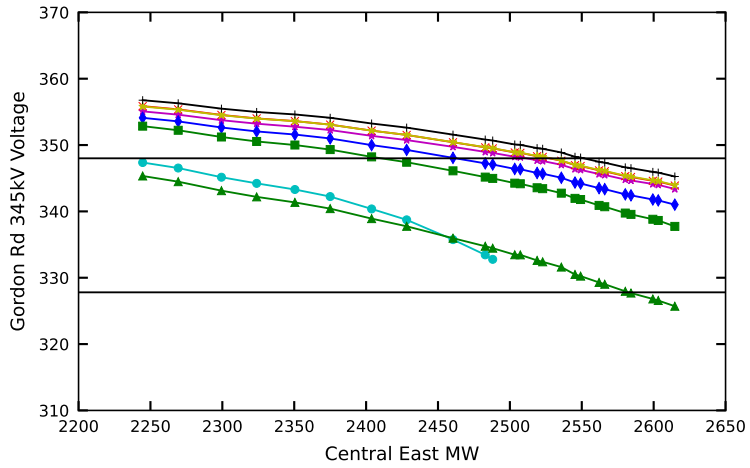
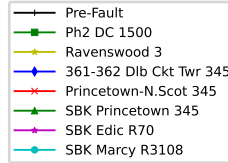
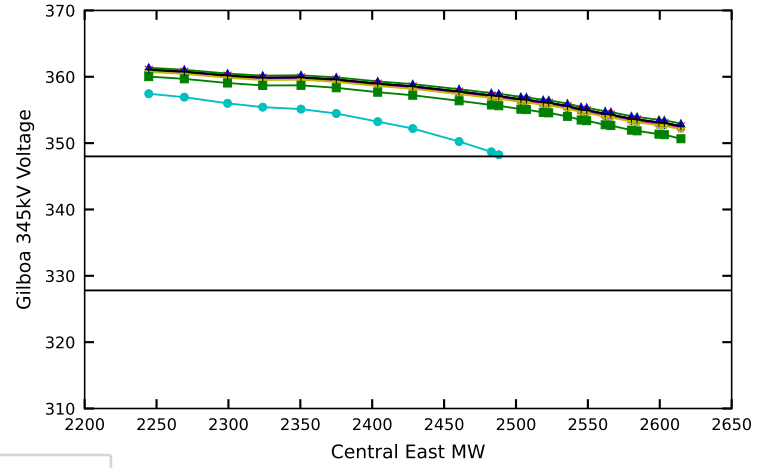
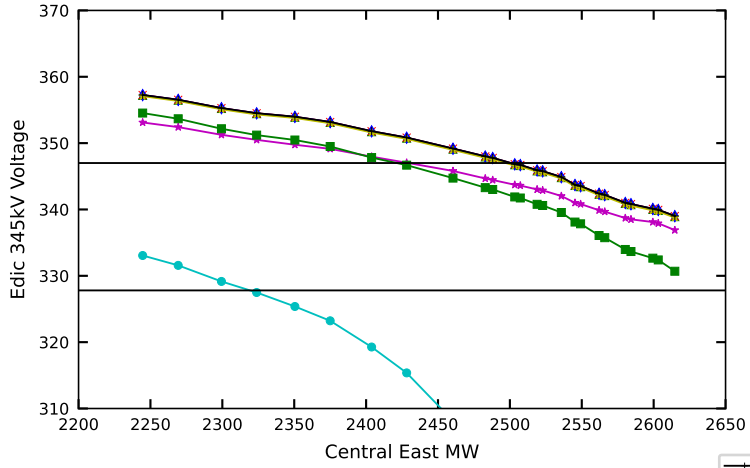
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
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>E						
99998	Ramapo 500kV Voltage	Ravenswood 3	NA	500	NA	99998
>E						
99998	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Sprain Brook 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

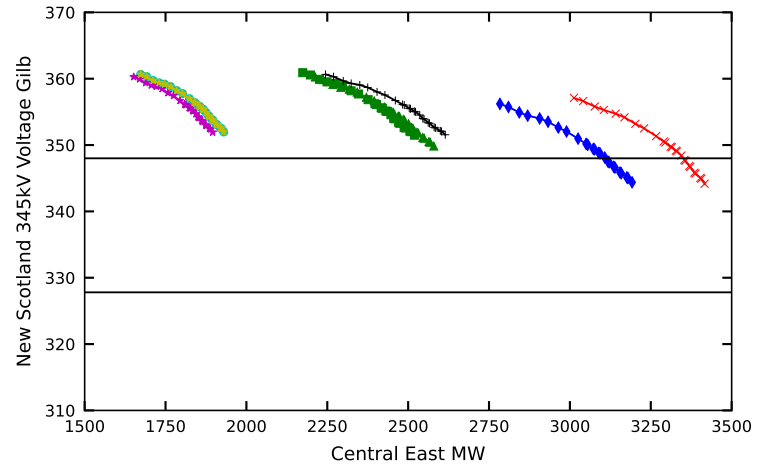
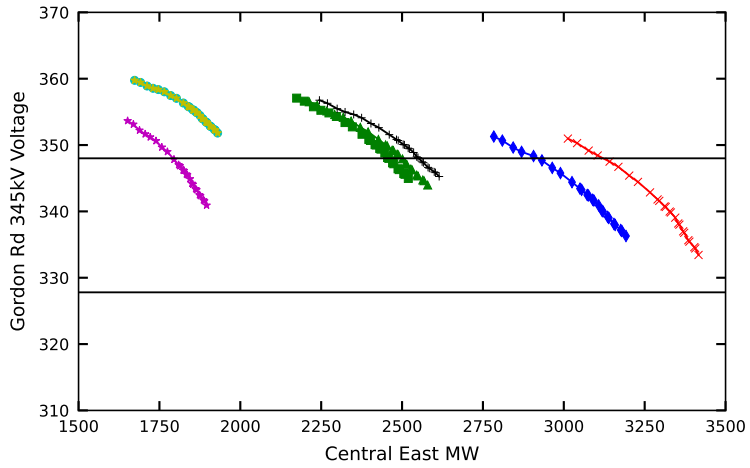
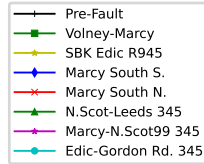
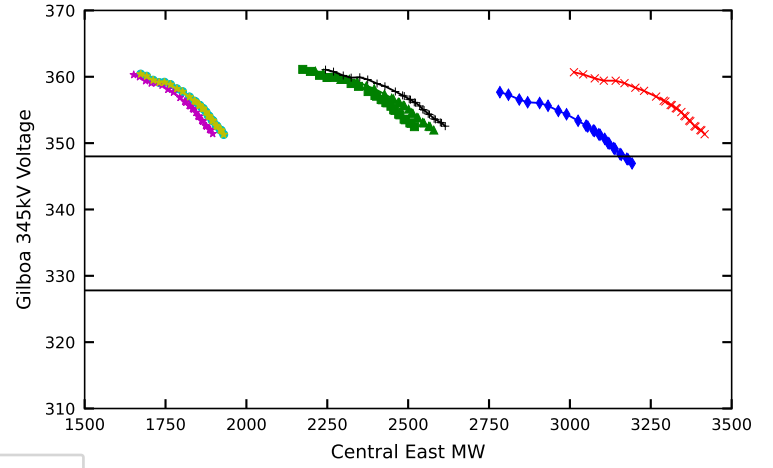
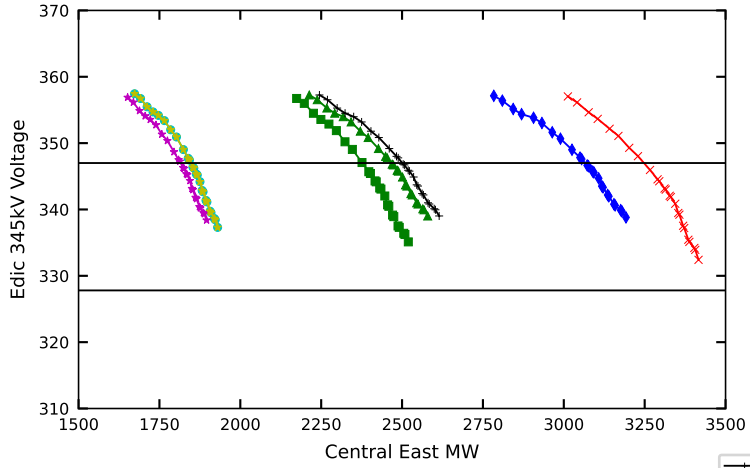
1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS Figure 1



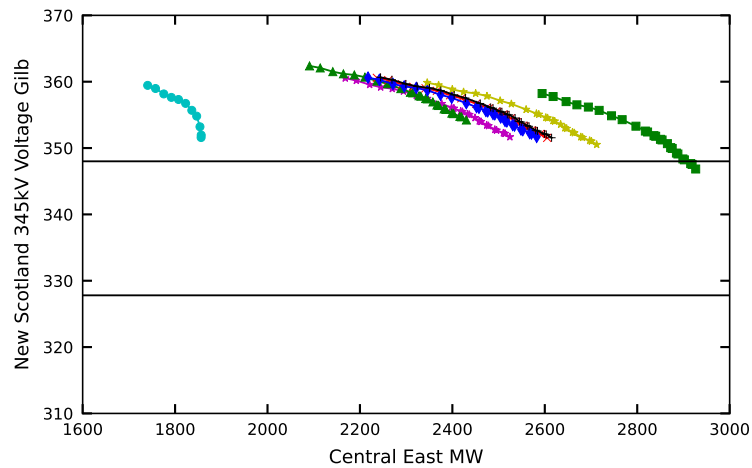
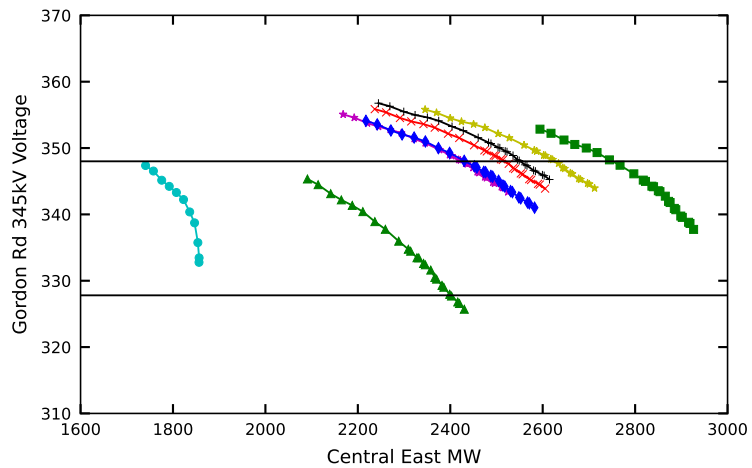
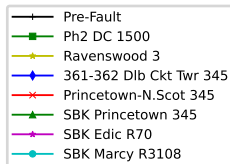
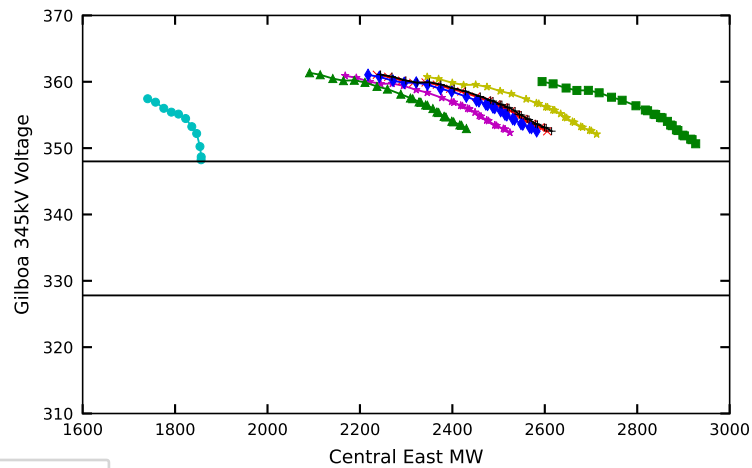
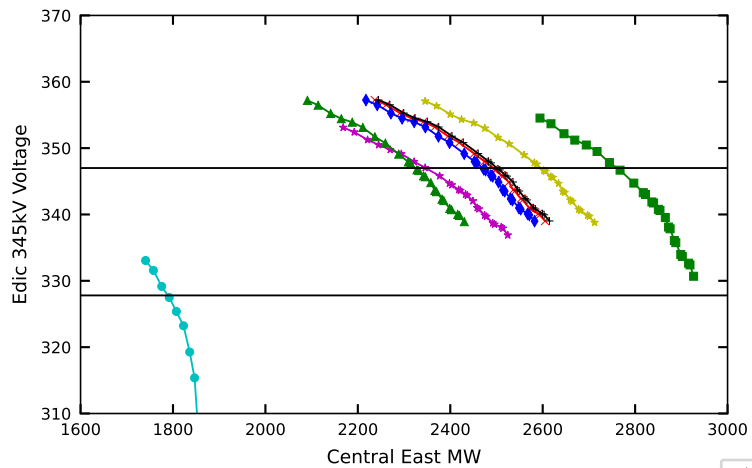
1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS Figure 2



1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS Figure 1



1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS Figure 2



Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\MSU1_OS\Sum2023_CEVC_PH2_50_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2244	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2269	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2299	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2323	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2350	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2375	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2403	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2428	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2460	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2482	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2488	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2503	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	2															
2507	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	3															
2518	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	4															
2522	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	5															
2535	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	6															
2545	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	7															
2549	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	8															
2562	t1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	9															
2565	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	0															
2580	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	1															
2584	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	2															
2599	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	3															
2603	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	4															
2614	t2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-09-2023 18:49

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\MSU1_OS\Sum2023_CEVC_PH2_5O_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2240 MS710 DE2320 5O MSU1_OS

Interface: Central East

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
-3811 <E	Niagara 230kV East Voltage	Pre-Fault	4080.0	NA	225	-3811
-3811 <E	Niagara 230kV West Voltage	Pre-Fault	4080.0	NA	225	-3811
1186 <E	Station 80 345kV Voltage	Pre-Fault	228.1	NA	346	1186
1932 <E	Pannell Road 345kV Voltage	Pre-Fault	156.6	NA	346	1932
1941 <E	Dunwoodie 345kV Voltage	Pre-Fault	346.7	NA	348	1941
1970 <E	Sprain Brook 345kV Voltage	Pre-Fault	343.5	NA	348	1970
2319	Edic 345kV Voltage	SBK Marcy R3108	14.7	327.8	354.7	1788
2358	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	1763
2466	Clay 345kV Voltage	SBK Marcy R3108	5.1	327.8	352.7	1854
2470	Oakdale 345kV Voltage	SBK Marcy R3108	4.3	320	351.9	1854
2470	Pannell Road 345kV Voltage	SBK Marcy R3108	7.6	327.8	341.2	1855
2474	Station 80 345kV Voltage	SBK Marcy R3108	8.5	327.8	338.8	1855
2483	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	1833
2483	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1801
2483	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2450
2483	limit with 5% margin	Marcy South N.	NA	NA	NA	3245
2483	limit with 5% margin	Marcy South S.	NA	NA	NA	3032
2483	limit with 5% margin	SBK Edic R945	NA	NA	NA	1833
2483	limit with 5% margin	Volney-Marcy	NA	NA	NA	2393
2483	limit with 5% margin	SBK Edic R70	NA	NA	NA	2398
2483	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2308
2483	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2474
2483	limit with 5% margin	361-362 D1b Ckt Twr 345	NA	NA	NA	2453
2483	limit with 5% margin	Ravenswood 3	NA	NA	NA	2576
2483	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	2780
2490	Marcy 345kV Voltage	Pre-Fault	16.0	NA	348	2490
2500	Edic 345kV Voltage	Pre-Fault	16.2	NA	347	2500
2503 >E	Fraser 345kV Voltage	SBK Marcy R3108	5.6	327.8	354.2	1859
2537 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	9.8	327.8	349.0	1863
2538	Station 80 345kV Voltage	Ph2 DC 1500	2.9	327.8	335.4	2867
2541	Niagara 230kV East Voltage	Ph2 DC 1500	4.7	218.5	221.5	2869
2541	Niagara 230kV West Voltage	Ph2 DC 1500	4.7	218.5	221.5	2869
2541	Somerset 345kV Voltage	Pre-Fault	3.1	NA	338	2541
2551	Gordon Rd 345kV Voltage	Pre-Fault	20.0	NA	348	2551
2552	Pannell Road 345kV Voltage	Ph2 DC 1500	5.5	327.8	335.6	2878
2557	Millwood 345kV Voltage	Pre-Fault	36.6	NA	348	2557
2557	Somerset 345kV Voltage	Ph2 DC 1500	5.0	327.8	335.6	2881
2579 >E	Niagara 230kV East Voltage	SBK Marcy R3108	42.9	218.5	222.2	1868

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2579 >E	Niagara 230kV West Voltage	SBK Marcy R3108	42.9	218.5	222.2	1868
2579	Niagara 230kV East Voltage	Ravenswood 3	67.7	218.5	219.7	2677
2579	Niagara 230kV West Voltage	Ravenswood 3	67.7	218.5	219.7	2677
2582	Gordon Rd 345kV Voltage	SBK Princetown 345	15.3	327.8	346.6	2401
2585 >E	Somerset 345kV Voltage	SBK Marcy R3108	14.0	327.8	338.7	1868
2631 >E	Oakdale 345kV Voltage	Marcy South N.	7.0	320	336.1	3430
2631 >E	Station 80 345kV Voltage	Ravenswood 3	18.3	327.8	330.7	2729
2633 >E	Buchanan North 345kV Voltage	Pre-Fault	53.7	NA	346	2633
2634 >E	Edic 345kV Voltage	Ph2 DC 1500	6.8	327.8	337.4	2939
2637 >E	Watercure 230kV Voltage	SBK Marcy R3108	13.0	207	231.3	1874
2638 >E	Marcy 345kV Voltage	Ph2 DC 1500	6.7	327.8	337.4	2942
2640 >E	Clay 345kV Voltage	Pre-Fault	19.9	NA	345	2640
2642 >E	Oakdale 345kV Voltage	Pre-Fault	10.2	NA	335	2642
2650 >E	Edic 345kV Voltage	Marcy South N.	7.7	327.8	336.2	3447
2650 >E	Station 80 345kV Voltage	Marcy South N.	14.2	327.8	329.7	3447
2652 >E	Marcy 345kV Voltage	Marcy South N.	7.6	327.8	336.2	3449
2663 >E	Station 80 345kV Voltage	SBK Edic R70	16.5	327.8	329.0	2568
2663 >E	Station 80 345kV Voltage	Volney-Marcy	18.2	327.8	329.0	2563
2674 >E	Pannell Road 345kV Voltage	Marcy South N.	13.2	327.8	331.0	3468
2676 >E	Oakdale 345kV Voltage	Ph2 DC 1500	6.4	320	331.7	2968
2680 >E	Gordon Rd 345kV Voltage	Marcy South N.	11.7	327.8	341.9	3473
2683 >E	Pannell Road 345kV Voltage	Ravenswood 3	17.8	327.8	330.5	2780
2686 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	18.9	327.8	327.8	2676
2687 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	19.0	327.8	327.7	2654
2688 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	19.0	327.8	327.7	2651
2690 >E	Edic 345kV Voltage	Volney-Marcy	10.4	327.8	332.9	2588
2694 >E	Niagara 230kV East Voltage	Marcy South N.	80.9	218.5	219.1	3485
2694 >E	Niagara 230kV West Voltage	Marcy South N.	80.9	218.5	219.1	3485
2695 >E	Station 80 345kV Voltage	SBK Princetown 345	19.5	327.8	327.3	2503
2696 >E	New Scotland 345kV Voltage Alps	Pre-Fault	22.9	NA	348	2696
2696 >E	New Scotland 345kV Voltage Gilb	Pre-Fault	22.9	NA	348	2696
2699 >E	Marcy 345kV Voltage	Volney-Marcy	10.3	327.8	332.5	2595
2700 >E	Niagara 230kV East Voltage	SBK Edic R70	91.9	218.5	219.0	2602
2700 >E	Niagara 230kV West Voltage	SBK Edic R70	91.9	218.5	219.0	2602
2700 >E	Pannell Road 345kV Voltage	Volney-Marcy	17.5	327.8	329.6	2597
2702 >E	Fraser 345kV Voltage	Pre-Fault	11.5	NA	338	2702
2703 >E	Pannell Road 345kV Voltage	SBK Edic R70	15.8	327.8	329.5	2605
2704 >E	Clay 345kV Voltage	Ph2 DC 1500	8.3	327.8	341.8	2987
2705 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	19.2	327.8	326.8	1988
2705 >E	Station 80 345kV Voltage	SBK Edic R945	19.2	327.8	326.8	1988

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2707 >E	Marcy 345kV Voltage	Edic-Gordon Rd. 345	9.9	327.8	331.8	1989
2707 >E	Marcy 345kV Voltage	SBK Edic R945	9.9	327.8	331.8	1989
2709 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	20.3	327.8	326.6	1954
2710 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	10.0	327.8	331.3	1990
2710 >E	Edic 345kV Voltage	SBK Edic R945	10.1	327.8	331.3	1990
2710 >E	Rock Tavern 345kV Voltage	Pre-Fault	38.6	NA	348	2710
2716 >E	Edic 345kV Voltage	SBK Edic R70	11.2	327.8	330.8	2617
2720 >E	Gilboa 345kV Voltage	Pre-Fault	23.1	NA	348	2720
2728 >E	Somerset 345kV Voltage	Ravenswood 3	27.5	327.8	330.8	2824
2733 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	18.4	327.8	327.8	2723
2734 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	18.5	327.8	327.7	2700
2735 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	18.5	327.8	327.7	2697
2737 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	8.7	320	325.7	2008
2737 >E	Oakdale 345kV Voltage	SBK Edic R945	8.7	320	325.7	2008
2742 >E	Gordon Rd 345kV Voltage	Marcy South S.	15.1	327.8	338.8	3334
2742 >E	Gordon Rd 345kV Voltage	Ph2 DC 1500	12.9	327.8	338.8	3012
2743 >E	Pannell Road 345kV Voltage	SBK Princetown 345	18.9	327.8	327.3	2546
2743 >E	Niagara 230kV East Voltage	Volney-Marcy	103.7	218.5	218.6	2635
2743 >E	Niagara 230kV West Voltage	Volney-Marcy	103.7	218.5	218.6	2635
2743 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	12.2	327.8	328.6	1975
2744 >E	Coopers Corners 345kV Voltage	Pre-Fault	16.4	NA	338	2744
2744 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	18.2	327.8	327.2	2013
2744 >E	Pannell Road 345kV Voltage	SBK Edic R945	18.2	327.8	327.2	2013
2746 >E	Pleasant Valley 345kV Voltage	Pre-Fault	46.3	NA	348	2746
2748 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	9.3	320	324.6	1978
2749 >E	Oakdale 345kV Voltage	Volney-Marcy	9.6	320	324.5	2641
2750 >E	Edic 345kV Voltage	Ravenswood 3	12.4	327.8	328.1	2846
2750 >E	Edic 345kV Voltage	Marcy South S.	12.4	327.8	328.1	3343
2752 >E	Edic 345kV Voltage	SBK Princetown 345	12.4	327.8	327.9	2555
2753 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	12.4	327.8	327.8	2719
2753 >E	Edic 345kV Voltage	N.Scot-Leeds 345	12.4	327.8	327.8	2715
2753 >E	Edic 345kV Voltage	Princetown-N.Scot 345	12.4	327.8	327.8	2743
2754 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	19.5	327.8	326.6	1981
2755 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	106.0	218.5	218.5	2745
2755 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	106.0	218.5	218.5	2745
2756 >E	Station 80 345kV Voltage	Marcy South S.	22.6	327.8	324.1	3349
2756 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	12.3	327.8	327.8	1983
2756 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	12.3	327.8	327.8	2718
2756 >E	Marcy 345kV Voltage	Marcy South S.	12.3	327.8	327.8	3350

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2756 >E	Marcy 345kV Voltage	SBK Edic R70	12.3	327.8	327.8	2654
2756 >E	Marcy 345kV Voltage	SBK Princetown 345	12.3	327.8	327.8	2558
2756 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	12.3	327.8	327.8	2746
2756 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	12.3	327.8	327.8	2722
2756 >E	Marcy 345kV Voltage	Ravenswood 3	12.3	327.8	327.8	2853
2757 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	106.6	218.5	218.5	2722
2757 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	106.6	218.5	218.5	2722
2757 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	106.7	218.5	218.5	2719
2757 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	106.7	218.5	218.5	2719
2761 >E	Clay 345kV Voltage	Marcy South N.	11.0	327.8	338.9	3544
2763 >E	Somerset 345kV Voltage	Marcy South N.	23.2	327.8	329.6	3546
2765 >E	Buchanan South 345kV Voltage	Pre-Fault	53.6	NA	346	2765
2768 >E	Oakdale 345kV Voltage	Ravenswood 3	9.7	320	322.7	2864
2770 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	9.1	327.8	332.1	2029
2770 >E	Fraser 345kV Voltage	SBK Edic R945	9.1	327.8	332.0	2029
2770 >E	Oakdale 345kV Voltage	SBK Edic R70	9.4	320	322.4	2666
2772 >E	Somerset 345kV Voltage	SBK Edic R70	25.9	327.8	329.3	2668
2774 >E	Niagara 230kV East Voltage	SBK Princetown 345	112.2	218.5	218.3	2575
2774 >E	Niagara 230kV West Voltage	SBK Princetown 345	112.2	218.5	218.3	2575
2776 >E	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	12.5	327.8	336.0	2033
2776 >E	Coopers Corners 345kV Voltage	SBK Edic R945	12.6	327.8	336.0	2033
2779 >E	Fraser 345kV Voltage	Ph2 DC 1500	9.4	327.8	331.3	3037
2784 >E	Gilboa 345kV Voltage	SBK Marcy R3108	14.4	327.8	349.3	1892
2787 >E	Oakdale 345kV Voltage	SBK Princetown 345	10.2	320	320.8	2586
2787 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	9.8	327.8	330.6	2002
2794 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	10.2	320	320.1	2758
2794 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	10.2	320	320.1	2755
2795 >E	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	13.5	327.8	334.9	2006
2795 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	10.2	320	320.0	2784
2800 >E	Somerset 345kV Voltage	Volney-Marcy	28.5	327.8	328.3	2688
2801 >E	Niagara 345kV Voltage	Ph2 DC 1500	21.8	327.8	339.5	3052
2802 >E	Pannell Road 345kV Voltage	Marcy South S.	21.6	327.8	324.0	3401
2803 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	122.0	218.5	218.0	2011
2803 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	122.0	218.5	218.0	2011
2803 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	117.5	218.5	218.0	2051
2803 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	117.5	218.5	218.0	2051
2804 >E	Niagara 230kV East Voltage	SBK Edic R945	117.8	218.5	218.0	2051

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2804 >E	Niagara 230kV West Voltage	SBK Edic R945	117.8	218.5	218.0	2051
2816 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	29.2	327.8	327.8	2805
2818 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	29.3	327.8	327.7	2782
2818 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	29.4	327.8	327.7	2778
2818 >E	Fraser 345kV Voltage	Marcy South S.	11.5	327.8	327.8	3419
2818 >E	Fraser 345kV Voltage	Volney-Marcy	11.5	327.8	327.8	2704
2818 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	11.5	327.8	327.8	2808
2818 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	11.5	327.8	327.8	2778
2818 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	11.5	327.8	327.8	2783
2818 >E	Fraser 345kV Voltage	Ravenswood 3	11.5	327.8	327.8	2914
2818 >E	Fraser 345kV Voltage	Marcy South N.	11.5	327.8	327.8	3594
2818 >E	Fraser 345kV Voltage	SBK Edic R70	11.5	327.8	327.8	2710
2818 >E	Fraser 345kV Voltage	SBK Princetown 345	11.5	327.8	327.8	2615
2826 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	12.9	327.8	332.9	3069
2833 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	13.7	327.8	339.8	1898
2833 >E	Somerset 345kV Voltage	SBK Princetown 345	30.3	327.8	327.2	2628
2844 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	17.5	327.8	333.6	2037
2851 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	17.9	327.8	333.2	2815
2854 >E	Oakdale 345kV Voltage	Marcy South S.	11.6	320	314.2	3459
2855 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	30.9	327.8	326.4	2084
2856 >E	Somerset 345kV Voltage	SBK Edic R945	31.0	327.8	326.4	2084
2859 >E	Coopers Corners 345kV Voltage	Ravenswood 3	15.7	327.8	331.0	2954
2860 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	32.1	327.8	326.2	2047
2861 >E	New Scotland 345kV Voltage Alps	Marcy South N.	15.1	327.8	340.8	3631
2861 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	15.1	327.8	340.8	3631
2862 >E	Ramapo 345kV Voltage	Pre-Fault	52.2	NA	346	2862
2871 >E	Clay 345kV Voltage	Volney-Marcy	17.4	327.8	333.4	2752
2878 >E	Niagara 345kV Voltage	Pre-Fault	52.1	NA	338	2878
2881 >E	Clay 345kV Voltage	SBK Edic R70	15.3	327.8	332.9	2767
2887 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	16.0	327.8	329.3	2677
2898 >E	Gordon Rd 345kV Voltage	SBK Edic R70	18.2	327.8	330.8	2783
2902 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	16.2	327.8	328.4	2860
2904 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	17.9	327.8	330.5	2862
2907 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	16.3	327.8	328.1	2870
2910 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	16.4	327.8	327.9	2899
2910 >E	New Scotland 345kV Voltage Alps	Marcy South S.	17.9	327.8	338.6	3522
2910 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	17.9	327.8	338.6	3522

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2911 >E	Niagara 345kV Voltage	SBK Marcy R3108	23.9	327.8	342.4	1907
2912 >E	Coopers Corners 345kV Voltage	Volney-Marcy	16.2	327.8	327.7	2789
2917 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	18.0	327.8	344.4	1908
2917 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	18.0	327.8	344.4	1908
2920 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	17.2	327.8	330.9	2126
2921 >E	Clay 345kV Voltage	SBK Edic R945	17.2	327.8	330.9	2125
2922 >E	Gordon Rd 345kV Voltage	Ravenswood 3	19.0	327.8	329.6	3017
2922 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	19.1	327.8	329.6	2911
2926 >E	Watercure 230kV Voltage	Ph2 DC 1500	15.9	207	223.0	3136
2931 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	16.6	327.8	337.7	3140
2931 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	16.6	327.8	337.7	3140
2933 >E	Gordon Rd 345kV Voltage	Volney-Marcy	18.5	327.8	329.1	2808
2935 >E	Niagara 230kV East Voltage	Marcy South S.	156.8	218.5	216.8	3549
2935 >E	Niagara 230kV West Voltage	Marcy South S.	156.8	218.5	216.8	3549
2942 >E	Somerset 345kV Voltage	Marcy South S.	36.9	327.8	323.4	3557
2950 >E	Clay 345kV Voltage	Ravenswood 3	19.3	327.8	329.4	3045
2951 >E	Ladentown 345kV Voltage	Pre-Fault	55.2	NA	346	2951
2962 >E	Coopers Corners 345kV Voltage	SBK Edic R70	17.2	327.8	324.7	2841
2970 >E	Gilboa 345kV Voltage	Marcy South S.	18.6	327.8	337.2	3588
2977 >E	Watercure 230kV Voltage	Marcy South N.	19.6	207	221.5	3732
2979 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	20.0	327.8	328.0	2120
2983 >E	Clay 345kV Voltage	Princetown-N.Scot 345	19.9	327.8	327.8	2972
2983 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	20.0	327.8	327.8	2945
2984 >E	Clay 345kV Voltage	N.Scot-Leeds 345	20.0	327.8	327.7	2940
2987 >E	Clay 345kV Voltage	SBK Princetown 345	20.1	327.8	327.6	2767
3003 >E	Ramapo 500kV Voltage	SBK Marcy R3108	73.6	500	509.3	1918
3014 >E	Ramapo 500kV Voltage	Ph2 DC 1500	101.8	500	508.6	3196
3031 >E	Clay 345kV Voltage	Marcy South S.	21.4	327.8	325.4	3656
3041 >E	Gilboa 345kV Voltage	Ph2 DC 1500	18.7	327.8	334.1	3214
3056 >E	Roseton 345kV Voltage	Pre-Fault	53.5	NA	345	3056
3057 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	20.1	327.8	332.2	3012
3057 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	20.1	327.8	332.2	3012
3070 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	19.4	327.8	332.9	2221
3070 >E	Gilboa 345kV Voltage	SBK Edic R945	19.4	327.8	332.9	2221
3076 >E	Leeds 345kV Voltage	Pre-Fault	40.5	NA	345	3076
3081 >E	Gardenville 230kV Voltage	Ph2 DC 1500	33.3	207	223.6	3241
3094 >E	Gilboa 345kV Voltage	Marcy South N.	20.4	327.8	331.8	3834
3098 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	20.5	327.8	331.7	2193
3106 >E	Gardenville 230kV Voltage	SBK Marcy R3108	39.4	207	226.4	1930
3117 >E	Bowline 1 345kV Voltage	Pre-Fault	57.8	NA	345	3117

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3122 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	22.3	327.8	329.4	3215
3122 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	22.3	327.8	329.4	3215
3128 >E	Sprain Brook 345kV Voltage	Ravenswood 3	49.3	327.8	335.7	3221
3133 >E	Dunwoodie 345kV Voltage	Ravenswood 3	50.2	327.8	335.7	3226
3137 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	22.1	327.8	328.7	2993
3137 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	22.1	327.8	328.7	2993
3137 >E	Bowline 2 345kV Voltage	Pre-Fault	57.0	NA	345	3137
3152 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	22.3	327.8	329.3	3105
3159 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	22.5	327.8	327.8	2278
3159 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	22.5	327.8	327.8	2278
3159 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	22.5	327.8	327.8	2278
3159 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	22.5	327.8	327.8	2278
3160 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	23.0	327.8	327.7	3148
3160 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	23.0	327.8	327.7	3148
3161 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	22.9	327.8	327.7	3023
3161 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	22.9	327.8	327.7	3023
3166 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	23.1	327.8	327.5	3125
3166 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	23.1	327.8	327.5	3125
3170 >E	Gilboa 345kV Voltage	Ravenswood 3	22.9	327.8	328.6	3263
3176 >E	Gilboa 345kV Voltage	SBK Edic R70	22.9	327.8	328.3	3037
3179 >E	Gilboa 345kV Voltage	Volney-Marcy	22.9	327.8	328.2	3031
3180 >E	Coopers Corners 345kV Voltage	Marcy South N.	21.4	327.8	311.4	3909
3187 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	23.1	327.8	327.8	3145
3187 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	23.2	327.8	327.8	3175
3196 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	24.1	327.8	326.2	2253
3196 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	24.1	327.8	326.2	2253
3197 >E	Gilboa 345kV Voltage	SBK Princetown 345	23.2	327.8	327.4	2957
3200 >E	Watercure 230kV Voltage	Pre-Fault	34.1	NA	215	3200
3214 >E	Buchanan North 345kV Voltage	Ravenswood 3	45.6	327.8	335.2	3306
3233 >E	Millwood 345kV Voltage	Ravenswood 3	45.7	327.8	335.5	3326
3240 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	26.1	327.8	313.4	2330
3241 >E	Gordon Rd 345kV Voltage	SBK Edic R945	26.1	327.8	313.4	2330
3241 >E	Niagara 345kV Voltage	Marcy South N.	41.8	327.8	331.0	3963
3253 >E	Niagara 345kV Voltage	Ravenswood 3	48.4	327.8	330.8	3345
3253 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	30.5	327.8	333.9	2339
3254 >E	Rock Tavern 345kV Voltage	SBK Edic R945	30.5	327.8	333.9	2338
3257 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	24.3	327.8	323.5	3011
3257 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	24.3	327.8	323.5	3011

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3261 >E	Marcy 345kV Voltage	SBK Marcy R3108	14.2	327.8	307.2	1949
3288 >E	Rock Tavern 345kV Voltage	Ravenswood 3	34.6	327.8	333.0	3380
3290 >E	Niagara 345kV Voltage	SBK Edic R70	46.1	327.8	330.1	3141
3296 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	32.2	327.8	332.8	2315
3309 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	31.3	327.8	332.5	3395
3318 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	29.3	207	211.5	2380
3319 >E	Watercure 230kV Voltage	SBK Edic R945	29.4	207	211.5	2380
3324 >E	Buchanan South 345kV Voltage	Ravenswood 3	45.9	327.8	335.6	3415
3335 >E	Watercure 230kV Voltage	Ravenswood 3	30.4	207	211.0	3427
3358 >E	Watercure 230kV Voltage	Volney-Marcy	31.4	207	210.4	3194
3367 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	31.3	207	210.1	2359
3368 >E	Watercure 230kV Voltage	SBK Edic R70	30.6	207	210.1	3212
3392 >E	Niagara 345kV Voltage	Volney-Marcy	51.3	327.8	328.1	3224
3393 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	44.5	327.8	331.9	3452
3411 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	52.2	327.8	327.8	3398
3417 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	52.4	327.8	327.7	3371
3418 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	52.5	327.8	327.6	3365
3434 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	45.8	327.8	331.1	2455
3435 >E	Buchanan North 345kV Voltage	SBK Edic R945	45.8	327.8	331.1	2454
3438 >E	Leeds 345kV Voltage	Marcy South S.	32.2	327.8	336.1	4109
3445 >E	Ramapo 345kV Voltage	Ravenswood 3	44.6	327.8	334.8	3536
3461 >E	Niagara 345kV Voltage	SBK Princetown 345	54.6	327.8	326.8	3196
3463 >E	Leeds 345kV Voltage	Marcy South N.	30.8	327.8	335.5	4156
3466 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	37.9	327.8	328.4	3201
3469 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	37.9	327.8	328.3	3414
3473 >E	Watercure 230kV Voltage	SBK Princetown 345	34.4	207	207.0	3207
3473 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	34.2	207	207.0	3427
3473 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	34.1	207	207.0	3460
3474 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	47.7	327.8	330.3	2425
3477 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	34.3	207	206.9	3422
3478 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	51.0	327.8	329.6	3509
3481 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	43.2	327.8	332.1	3572
3485 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	38.5	327.8	327.9	3438
3488 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	38.6	327.8	327.8	3475
3494 >E	Pleasant Valley 345kV Voltage	Marcy South S.	43.7	327.8	331.8	4172
3495 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	52.1	327.8	329.6	3520
3503 >E	Millwood 345kV Voltage	Ph2 DC 1500	45.9	327.8	330.4	3526
3505 >E	Rock Tavern 345kV Voltage	Volney-Marcy	38.7	327.8	327.4	3327

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 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3511 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	53.2	327.8	329.1	2504
3511 >E	Sprain Brook 345kV Voltage	SBK Edic R945	53.2	327.8	329.1	2502
3519 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	56.8	327.8	325.7	2509
3521 >E	Niagara 345kV Voltage	SBK Edic R945	57.0	327.8	325.6	2509
3523 >E	Pleasant Valley 345kV Voltage	Marcy South N.	41.2	327.8	331.2	4208
3525 >E	Ladentown 345kV Voltage	Ravenswood 3	46.6	327.8	335.6	3615
3527 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	54.3	327.8	329.0	2514
3527 >E	Dunwoodie 345kV Voltage	SBK Edic R945	54.3	327.8	329.0	2513
3541 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	58.7	327.8	325.3	2466
3542 >E	Ramapo 345kV Voltage	Ph2 DC 1500	42.6	327.8	333.0	3552
3546 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	45.4	327.8	331.4	3555
3548 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	40.6	327.8	330.7	3556
3550 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	48.2	327.8	329.5	2529
3550 >E	Millwood 345kV Voltage	SBK Edic R945	48.2	327.8	329.5	2527
3550 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	55.0	327.8	328.4	2472
3551 >E	Rock Tavern 345kV Voltage	SBK Edic R70	39.7	327.8	326.2	3378
3561 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	56.7	327.8	328.2	3504
3562 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	43.0	327.8	332.6	2536
3562 >E	Ramapo 345kV Voltage	SBK Edic R945	43.1	327.8	332.6	2535
3568 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	56.2	327.8	328.3	2482
3575 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	57.8	327.8	328.2	3519
3585 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	57.8	327.8	327.8	3571
3585 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	52.7	327.8	328.3	3528
3587 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	57.9	327.8	327.8	3539
3593 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	50.0	327.8	328.7	2498
3596 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	47.3	327.8	330.5	2558
3596 >E	Buchanan South 345kV Voltage	SBK Edic R945	47.3	327.8	330.5	2557
3601 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	59.0	327.8	327.8	3587
3603 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	59.0	327.8	327.7	3554
3607 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	58.3	327.8	327.4	3328
3610 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	53.7	327.8	327.8	3561
3610 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	53.7	327.8	327.8	3596
3611 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	45.0	327.8	331.7	2509
3611 >E	Buchanan North 345kV Voltage	SBK Princetown 345	53.6	327.8	327.8	3332
3612 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	51.7	327.8	328.3	3554
3616 >E	Sprain Brook 345kV Voltage	Volney-Marcy	58.7	327.8	327.3	3427
3624 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	59.5	327.8	327.4	3343
3630 >E	Sprain Brook 345kV Voltage	SBK Edic R70	59.1	327.8	327.0	3451

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 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3631 >E	Buchanan North 345kV Voltage	Volney-Marcy	54.2	327.8	327.4	3442
3632 >E	Dunwoodie 345kV Voltage	Volney-Marcy	59.9	327.8	327.2	3442
3636 >E	Bowline 1 345kV Voltage	Ravenswood 3	48.4	327.8	336.0	3725
3638 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	44.8	327.8	328.7	3580
3641 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	52.9	327.8	327.8	3626
3643 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	49.2	327.8	329.6	2528
3643 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	53.0	327.8	327.7	3594
3647 >E	Dunwoodie 345kV Voltage	SBK Edic R70	60.3	327.8	327.0	3466
3647 >E	Bowline 2 345kV Voltage	Ravenswood 3	47.8	327.8	336.1	3736
3656 >E	Buchanan North 345kV Voltage	SBK Edic R70	54.7	327.8	327.0	3474
3657 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	81.3	218.5	231.1	1996
3658 >E	Ladentown 345kV Voltage	Ph2 DC 1500	44.9	327.8	333.2	3630
3663 >E	Millwood 345kV Voltage	SBK Princetown 345	53.4	327.8	327.4	3379
3670 >E	Millwood 345kV Voltage	Volney-Marcy	53.7	327.8	327.2	3477
3673 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	44.1	327.8	336.6	1998
3673 >E	Sprain Brook 345kV Voltage	Marcy South N.	61.1	327.8	326.3	4339
3684 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	46.4	327.8	327.8	3669
3684 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	45.1	327.8	327.8	2615
3684 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	45.1	327.8	327.8	2613
3686 >E	Millwood 345kV Voltage	SBK Edic R70	54.1	327.8	326.9	3502
3687 >E	Dunwoodie 345kV Voltage	Marcy South N.	62.2	327.8	326.3	4352
3688 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	46.5	327.8	327.7	3638
3695 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	45.9	327.8	332.5	2622
3695 >E	Ladentown 345kV Voltage	SBK Edic R945	45.9	327.8	332.5	2620
3705 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	46.7	327.8	327.3	3508
3709 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	52.4	327.8	328.4	3649
3716 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	47.1	327.8	327.0	3530
3727 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	46.6	327.8	326.8	2581
3729 >E	Millwood 345kV Voltage	Marcy South N.	56.1	327.8	326.1	4388
3729 >E	Roseton 345kV Voltage	Ravenswood 3	48.9	327.8	332.4	3818
3730 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	47.3	327.8	326.8	3439
3740 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	53.6	327.8	327.8	3725
3741 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	53.6	327.8	327.8	3690
3751 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	48.0	327.8	331.5	2595
3755 >E	Buchanan South 345kV Voltage	SBK Princetown 345	53.8	327.8	327.5	3462
3768 >E	Buchanan South 345kV Voltage	Volney-Marcy	54.2	327.8	327.3	3565
3769 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	46.5	327.8	333.7	3706
3773 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	40.5	327.8	327.8	2609

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Interface: Central East

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1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3773 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	40.5	327.8	327.8	3712
3773 >E	Leeds 345kV Voltage	SBK Edic R945	40.5	327.8	327.8	2670
3773 >E	Leeds 345kV Voltage	Volney-Marcy	40.5	327.8	327.8	3570
3773 >E	Leeds 345kV Voltage	SBK Edic R70	40.5	327.8	327.8	3581
3773 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	40.5	327.8	327.8	3758
3773 >E	Leeds 345kV Voltage	Ravenswood 3	40.5	327.8	327.8	3861
3773 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	40.5	327.8	327.8	2672
3773 >E	Leeds 345kV Voltage	SBK Princetown 345	40.5	327.8	327.8	3479
3773 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	40.5	327.8	327.8	3722
3773 >E	Leeds 345kV Voltage	Ph2 DC 1500	40.5	327.8	327.8	3709
3779 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	46.0	327.8	333.7	3712
3780 >E	Niagara 345kV Voltage	Marcy South S.	70.1	327.8	320.7	4490
3785 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	51.3	327.8	328.3	3723
3785 >E	Roseton 345kV Voltage	Ph2 DC 1500	46.2	327.8	331.4	3717
3789 >E	Buchanan South 345kV Voltage	SBK Edic R70	54.7	327.8	326.9	3595
3796 >E	Buchanan North 345kV Voltage	Marcy South N.	59.4	327.8	324.3	4447
3803 >E	Ramapo 345kV Voltage	SBK Princetown 345	51.9	327.8	328.0	3506
3809 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	47.5	327.8	333.0	2695
3810 >E	Bowline 1 345kV Voltage	SBK Edic R945	47.6	327.8	333.0	2693
3810 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	52.2	327.8	327.9	3759
3812 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	52.2	327.8	327.8	3797
3815 >E	Rock Tavern 345kV Voltage	Marcy South N.	45.9	327.8	319.4	4463
3818 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	47.7	327.8	330.8	2700
3818 >E	Roseton 345kV Voltage	SBK Edic R945	47.7	327.8	330.8	2699
3819 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	47.0	327.8	333.0	2701
3819 >E	Bowline 2 345kV Voltage	SBK Edic R945	47.0	327.8	333.0	2699
3835 >E	Ramapo 345kV Voltage	Volney-Marcy	52.7	327.8	327.4	3626
3864 >E	Ramapo 345kV Voltage	SBK Edic R70	53.3	327.8	326.8	3665
3873 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	49.6	327.8	329.7	2670
3874 >E	Sprain Brook 345kV Voltage	Marcy South S.	73.9	327.8	322.8	4594
3874 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	49.8	327.8	331.9	2671
3883 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	49.3	327.8	331.9	2676
3886 >E	Dunwoodie 345kV Voltage	Marcy South S.	75.1	327.8	323.0	4607
3915 >E	Buchanan South 345kV Voltage	Marcy South N.	59.6	327.8	324.5	4550
3922 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	54.1	327.8	328.4	3857
3945 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	52.4	327.8	328.4	3880
3952 >E	Ladentown 345kV Voltage	SBK Princetown 345	55.0	327.8	327.9	3640
3954 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	55.1	327.8	327.8	3900

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Interface: Central East

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1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3955 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	55.2	327.8	327.8	3939
3958 >E	Millwood 345kV Voltage	Marcy South S.	68.9	327.8	321.8	4688
3976 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	53.5	327.8	327.8	3961
3977 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	53.5	327.8	327.8	3923
3982 >E	Ladentown 345kV Voltage	Volney-Marcy	55.8	327.8	327.3	3759
3986 >E	Watercure 230kV Voltage	Marcy South S.	50.0	207	192.0	4719
3989 >E	Roseton 345kV Voltage	SBK Princetown 345	53.6	327.8	327.6	3673
4000 >E	Roseton 345kV Voltage	Marcy South N.	53.1	327.8	327.4	4624
4000 >E	Roseton 345kV Voltage	Volney-Marcy	53.9	327.8	327.3	3776
4011 >E	Ladentown 345kV Voltage	SBK Edic R70	56.3	327.8	326.8	3799
4029 >E	Roseton 345kV Voltage	SBK Edic R70	54.7	327.8	326.8	3815
4068 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	190.0	500	507.1	2861
4071 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	56.5	327.8	328.5	4003
4076 >E	Ramapo 500kV Voltage	SBK Edic R945	191.0	500	507.1	2863
4079 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	55.8	327.8	328.5	4011
4094 >E	Ramapo 345kV Voltage	Marcy South N.	59.9	327.8	322.4	4707
4106 >E	Bowline 1 345kV Voltage	SBK Princetown 345	57.5	327.8	327.9	3780
4108 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	57.7	327.8	327.8	4052
4110 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	57.8	327.8	327.8	4094
4113 >E	Bowline 2 345kV Voltage	SBK Princetown 345	56.8	327.8	327.9	3786
4115 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	56.9	327.8	327.8	4059
4117 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	57.0	327.8	327.8	4101
4139 >E	Bowline 1 345kV Voltage	Volney-Marcy	58.4	327.8	327.3	3902
4146 >E	Bowline 2 345kV Voltage	Volney-Marcy	57.6	327.8	327.3	3909
4171 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	111.2	218.5	225.9	3977
4171 >E	Bowline 1 345kV Voltage	SBK Edic R70	59.0	327.8	326.7	3945
4178 >E	Bowline 2 345kV Voltage	SBK Edic R70	58.2	327.8	326.7	3951
4264 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	216.2	500	506.8	2911
4333 >E	Roseton 345kV Voltage	Marcy South S.	66.8	327.8	321.1	5106
4334 >E	Ramapo 500kV Voltage	Ravenswood 3	382.3	500	506.7	4417
4357 >E	St.Lawrence 230kV Voltage	Pre-Fault	206.5	NA	225	4357
4363 >E	Buchanan South 345kV Voltage	Marcy South S.	79.9	327.8	316.2	5139
4363 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	88.9	327.8	333.2	2081
4391 >E	Ladentown 345kV Voltage	Marcy South N.	68.9	327.8	319.9	4965
4502 >E	Ramapo 345kV Voltage	SBK Marcy R3108	79.4	327.8	335.7	2097
4513 >E	Buchanan North 345kV Voltage	Marcy South S.	91.5	327.8	311.0	5306
4636 >E	Leeds 345kV Voltage	SBK Marcy R3108	69.1	327.8	327.8	2113
4642 >E	Gardenville 230kV Voltage	Marcy South N.	121.7	207	218.2	5184

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Interface: Central East

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1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4688 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	84.3	327.8	329.8	2119
4792 >E	Bowline 2 345kV Voltage	Marcy South N.	78.4	327.8	316.0	5316
4797 >E	Bowline 1 345kV Voltage	Marcy South N.	79.7	327.8	315.9	5320
4810 >E	Roseton 345kV Voltage	SBK Marcy R3108	81.9	327.8	332.9	2134
4901 >E	Ramapo 500kV Voltage	Marcy South N.	257.4	500	506.0	5410
4976 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	104.6	327.8	331.6	2154
4981 >E	St.Lawrence 230kV Voltage	Marcy South N.	156.7	218.5	222.0	5480
4988 >E	Ladentown 345kV Voltage	SBK Marcy R3108	93.7	327.8	335.2	2155
4997 >E	Gardenville 230kV Voltage	Pre-Fault	289.5	NA	217	4997
5038 >E	Millwood 345kV Voltage	SBK Marcy R3108	113.9	327.8	329.6	2161
5115 >E	St.Lawrence 230kV Voltage	Volney-Marcy	172.1	218.5	221.3	4788
5218 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	138.3	327.8	328.2	2183
5257 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	140.6	327.8	328.0	2187
5362 >E	Rainey 345kV Voltage	Ravenswood 3	133.8	327.8	341.5	5436
5406 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	103.6	327.8	335.6	2205
5430 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	102.8	327.8	335.8	2208
5449 >E	Ramapo 345kV Voltage	Marcy South S.	109.2	327.8	296.5	6349
5487 >E	St.Lawrence 230kV Voltage	Ravenswood 3	195.5	218.5	219.5	5560
5515 >E	Farragut 345kV Voltage	Ravenswood 3	140.7	327.8	340.7	5588
5569 >E	Rock Tavern 345kV Voltage	Marcy South S.	101.3	327.8	273.9	6482
5700 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	206.3	218.5	218.5	5596
5701 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	206.4	218.5	218.5	5619
5703 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	206.7	218.5	218.5	5679
5721 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	204.7	218.5	218.4	3919
5725 >E	St.Lawrence 230kV Voltage	SBK Edic R945	204.9	218.5	218.4	3917
5763 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	209.7	218.5	218.2	5280
5784 >E	Ladentown 345kV Voltage	Marcy South S.	119.1	327.8	294.7	6721
5869 >E	Coopers Corners 345kV Voltage	Marcy South S.	85.9	327.8	147.7	6816
6033 >E	Gardenville 230kV Voltage	SBK Edic R70	193.5	207	213.4	5643
6095 >E	Rainey 345kV Voltage	Pre-Fault	211.2	NA	338	6095
6102 >E	Farragut 345kV Voltage	Pre-Fault	218.8	NA	338	6102
6142 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	232.3	218.5	216.4	4067
6231 >E	Gardenville 230kV Voltage	Ravenswood 3	211.2	207	212.7	6298
6256 >E	St.Lawrence 230kV Voltage	Marcy South S.	238.7	218.5	215.8	7247
6663 >E	Bowline 2 345kV Voltage	Marcy South S.	141.7	327.8	283.1	7700
6725 >E	Goethals 345kV Voltage	Ravenswood 3	188.9	327.8	339.8	6788
6743 >E	Bowline 1 345kV Voltage	Marcy South S.	146.7	327.8	282.2	7790
6785 >E	St.Lawrence 230kV Voltage	SBK Edic R70	283.0	218.5	213.2	6329
6842 >E	Ramapo 500kV Voltage	Volney-Marcy	478.6	500	503.3	6354
7163 >E	Ramapo 500kV Voltage	SBK Edic R70	499.5	500	502.8	6674

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1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7257 >E	Goethals 345kV Voltage	Pre-Fault	297.5	NA	338	7257
7330 >E	Gardenville 230kV Voltage	Volney-Marcy	263.8	207	208.9	6797
7395 >E	Rainey 345kV Voltage	Ph2 DC 1500	179.4	327.8	331.8	6153
7450 >E	Farragut 345kV Voltage	Ph2 DC 1500	185.2	327.8	331.8	6190
7740 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	191.9	327.8	330.2	5213
7740 >E	Rainey 345kV Voltage	SBK Edic R945	191.9	327.8	330.2	5205
7814 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	198.7	327.8	330.2	5260
7814 >E	Farragut 345kV Voltage	SBK Edic R945	198.7	327.8	330.2	5252
7840 >E	Ramapo 500kV Voltage	SBK Princetown 345	586.2	500	501.9	7159
7930 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	291.6	207	206.9	7897
7958 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	199.7	327.8	329.2	5186
8017 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	296.4	207	206.6	7897
8033 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	206.7	327.8	329.2	5232
8046 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	298.1	207	206.5	7890
8050 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	604.9	500	501.6	7893
8115 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	206.4	327.8	328.4	7957
8197 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	213.7	327.8	328.4	8037
8256 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	211.5	327.8	327.8	8221
8264 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	211.7	327.8	327.7	8140
8337 >E	Rainey 345kV Voltage	SBK Princetown 345	213.9	327.8	327.4	7608
8341 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	219.1	327.8	327.8	8306
8346 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	219.2	327.8	327.7	8221
8382 >E	Rainey 345kV Voltage	Volney-Marcy	215.4	327.8	327.2	7751
8422 >E	Farragut 345kV Voltage	SBK Princetown 345	221.5	327.8	327.4	7685
8440 >E	Rainey 345kV Voltage	SBK Edic R70	217.3	327.8	326.9	7839
8469 >E	Farragut 345kV Voltage	Volney-Marcy	223.2	327.8	327.2	7830
8533 >E	Farragut 345kV Voltage	SBK Edic R70	225.3	327.8	326.9	7924
8680 >E	Rainey 345kV Voltage	Marcy South N.	225.9	327.8	325.8	8707
8767 >E	Farragut 345kV Voltage	Marcy South N.	233.8	327.8	325.8	8783
8903 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	692.5	500	500.4	8769
8908 >E	Goethals 345kV Voltage	Ph2 DC 1500	244.4	327.8	332.4	7175
9018 >E	Gardenville 230kV Voltage	SBK Princetown 345	351.9	207	203.1	8225
9094 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	360.6	207	202.8	6080
9116 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	713.4	500	500.1	9078
9189 >E	Ramapo 500kV Voltage	Pre-Fault	720.2	NA	500	9189
9198 >E	Gardenville 230kV Voltage	SBK Edic R945	366.4	207	202.5	6136
9561 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	268.9	327.8	330.3	6379

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\MSU1_OS\Sum2023_CEVC_PH2_50_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
9561 >E	Goethals 345kV Voltage	SBK Edic R945	268.9	327.8	330.3	6368
9864 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	280.3	327.8	329.2	6359
10110 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	290.6	327.8	328.4	9907
10201 >E	Rainey 345kV Voltage	Marcy South S.	283.4	327.8	318.6	11640
10298 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	297.7	327.8	327.8	10254
10312 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	298.2	327.8	327.7	10155
10319 >E	Farragut 345kV Voltage	Marcy South S.	293.8	327.8	318.7	11772
10414 >E	Goethals 345kV Voltage	SBK Princetown 345	301.5	327.8	327.4	9488
10466 >E	Goethals 345kV Voltage	Volney-Marcy	303.4	327.8	327.2	9642
10558 >E	Goethals 345kV Voltage	SBK Edic R70	306.6	327.8	326.9	9771
10833 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	457.5	207	196.8	6956
10877 >E	Goethals 345kV Voltage	Marcy South N.	318.5	327.8	325.8	10623
13021 >E	Goethals 345kV Voltage	Marcy South S.	402.2	327.8	318.6	14781
14470 >E	Rainey 345kV Voltage	SBK Marcy R3108	434.6	327.8	331.4	3288
14548 >E	Farragut 345kV Voltage	SBK Marcy R3108	446.7	327.8	331.6	3297
15148 >E	Northport 138kV Voltage	Pre-Fault	1421.4	NA	135	15148
17421 >E	Northport 138kV Voltage	Ravenswood 3	1190.8	131.1	133.4	17394
18312 >E	Goethals 345kV Voltage	SBK Marcy R3108	598.4	327.8	333.1	3747
19770 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	1347.9	131.1	131.7	12919
19801 >E	Northport 138kV Voltage	SBK Edic R945	1350.3	131.1	131.7	12911
20314 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	1390.0	131.1	131.4	12793
20353	Northport 138kV Voltage	N.Scot-Leeds 345	1395.2	131.1	131.3	19923

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

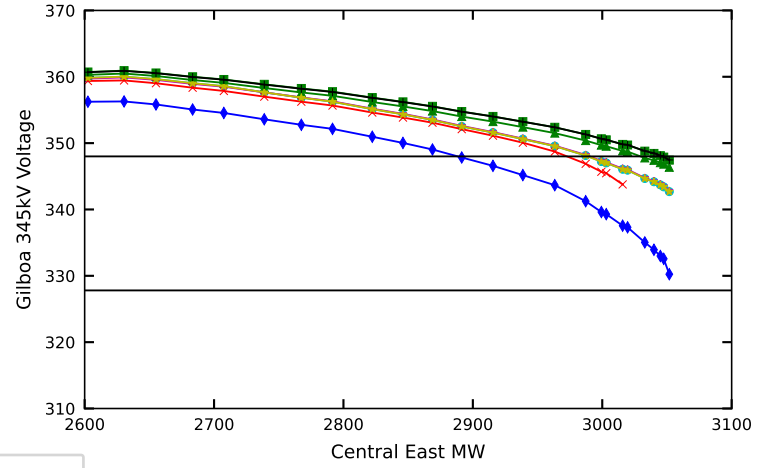
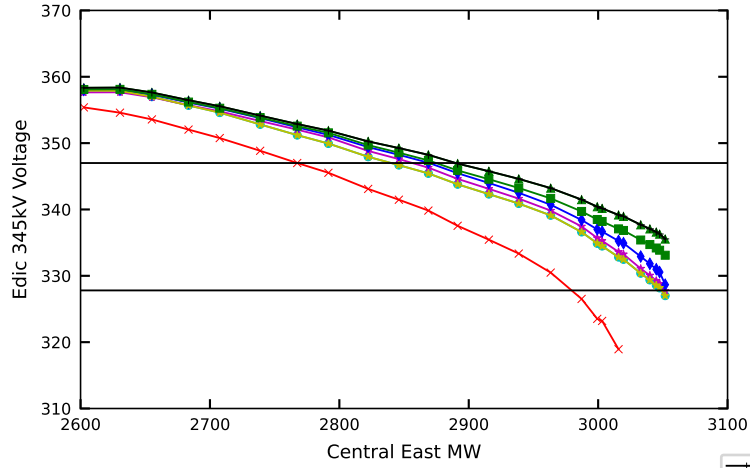
C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\MSU1_OS\Sum2023_CEVC_Ph2_50_MSU1_OS.xlsx

1: 2023S CEVC PH2 CE2240 MS710 DE2320 50 MSU1_OS

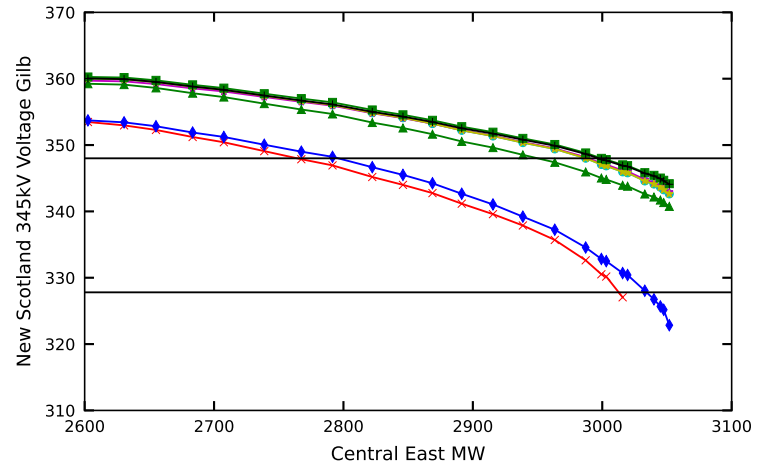
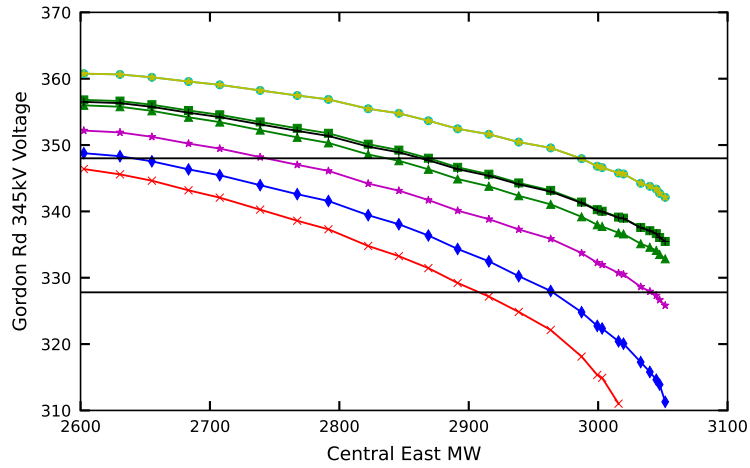
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
20414	Northport 138kV Voltage	Ph2 DC 1500	1400.3	131.1	131.3	14942
>E						
20725	Northport 138kV Voltage	Princetown-N.Scot 345	1424.1	131.1	131.1	20634
>E						
20727	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	1424.1	131.1	131.1	20401
>E						
20876	Northport 138kV Voltage	SBK Princetown 345	1434.9	131.1	131.0	18955
>E						
21090	Northport 138kV Voltage	Volney-Marcy	1451.4	131.1	130.8	19279
>E						
21131	Northport 138kV Voltage	SBK Edic R70	1454.2	131.1	130.8	19417
>E						
21644	Northport 138kV Voltage	Marcy South N.	1494.4	131.1	130.4	20014
>E						
24025	Northport 138kV Voltage	Marcy South S.	1684.2	131.1	128.8	27034
>E						
53547	Northport 138kV Voltage	SBK Marcy R3108	4004.8	131.1	131.1	7955
>E						
99998	Gardenville 230kV Voltage	Marcy South S.	NA	207	NA	99998
>E						
99998	Ramapo 500kV Voltage	Marcy South S.	NA	500	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

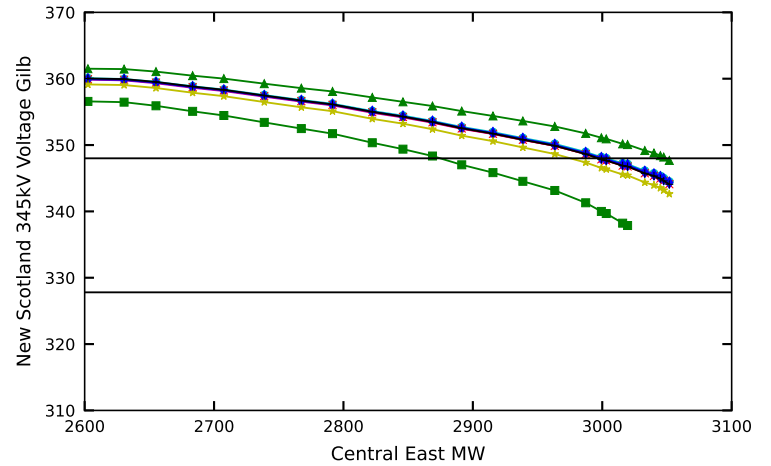
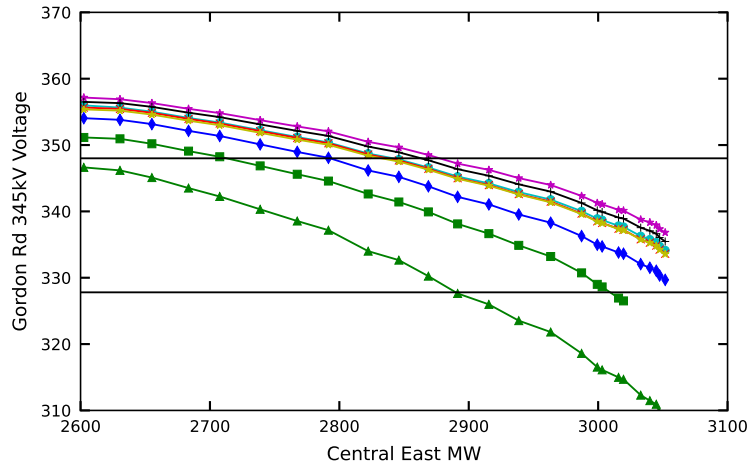
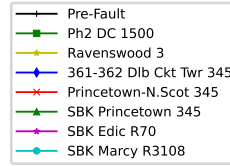
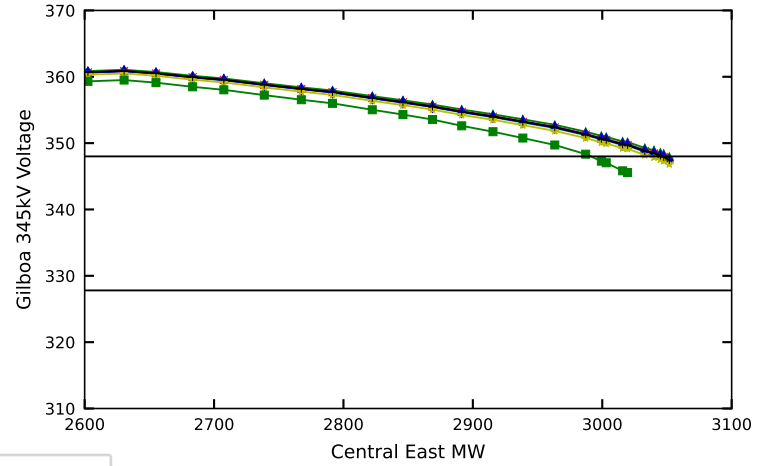
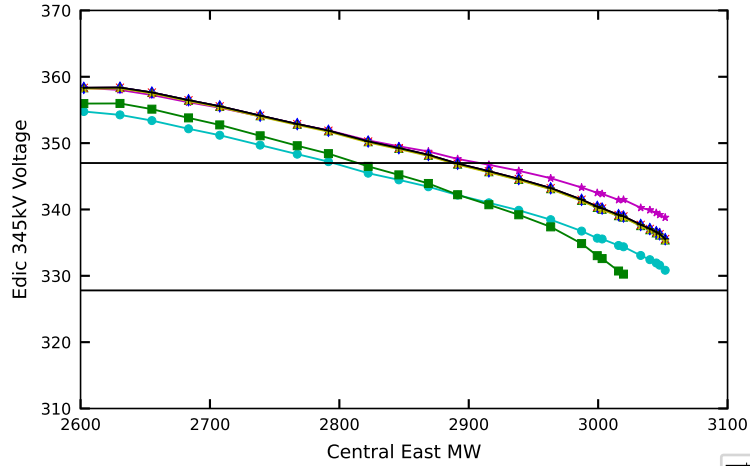
1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BYF Figure 1



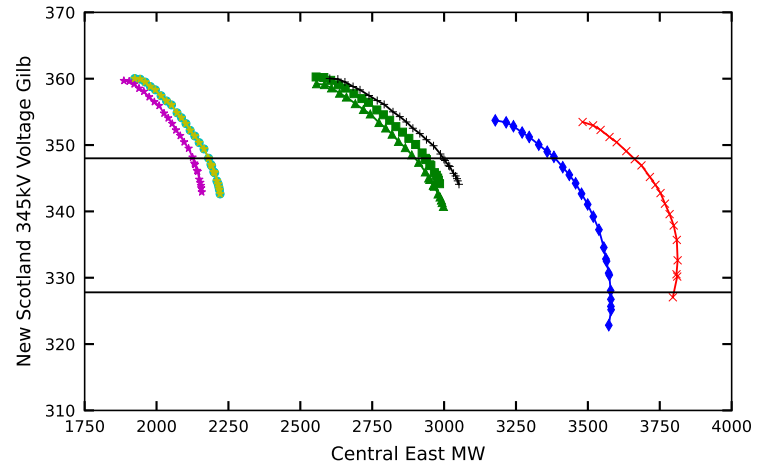
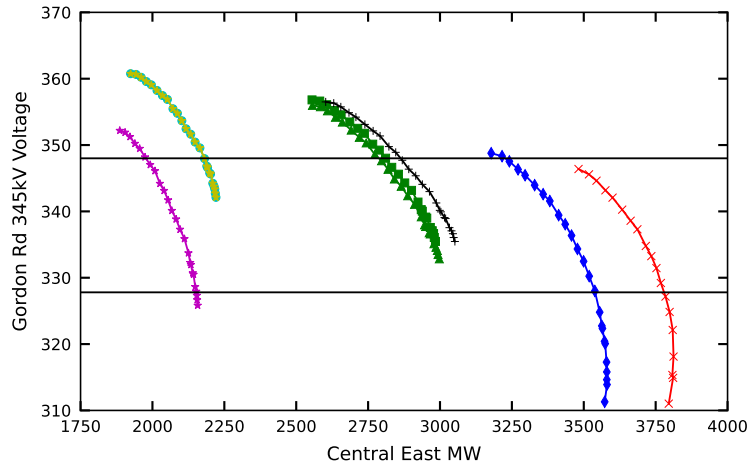
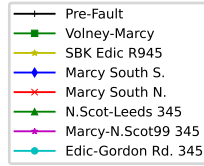
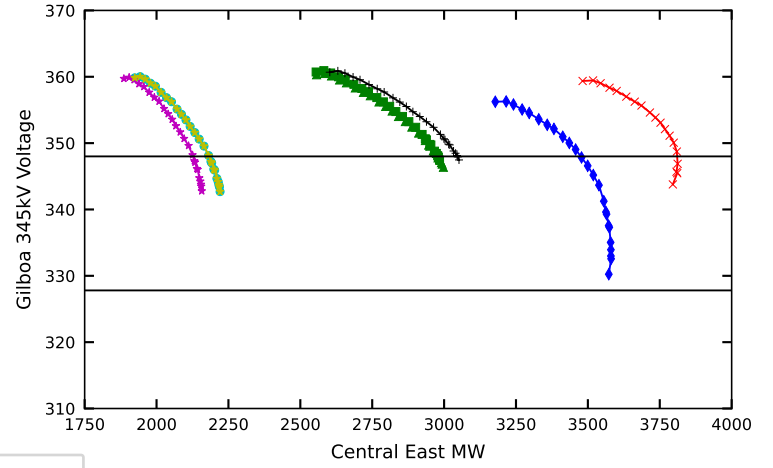
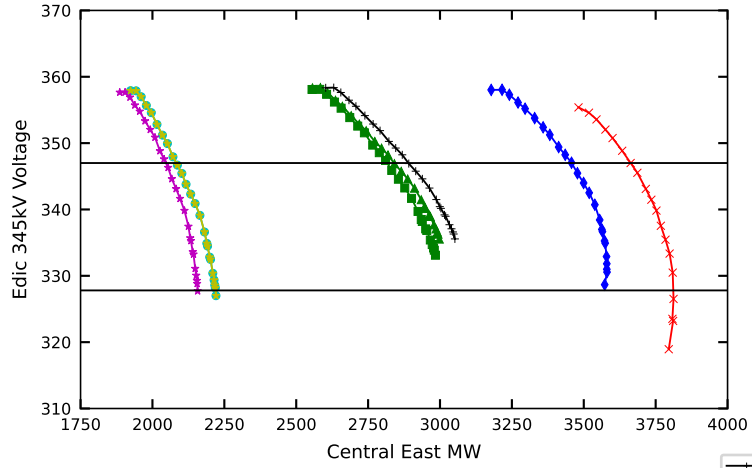
- +— Pre-Fault
- Volney-Marcy
- ▲— SBK Edic R945
- ◆— Marcy South S.
- ×— Marcy South N.
- ▲— N.Scot-Leeds 345
- ◆— Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



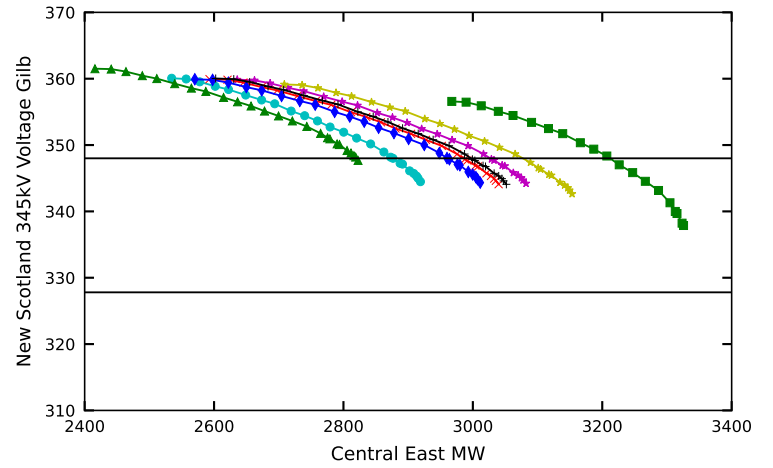
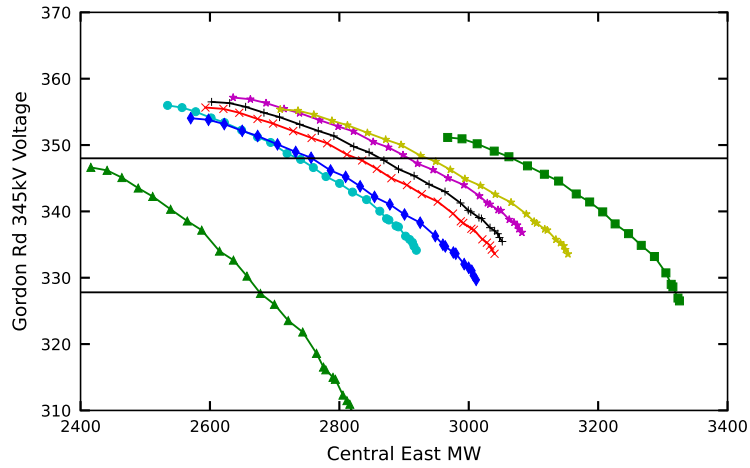
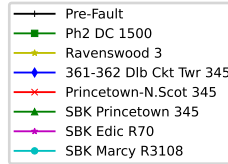
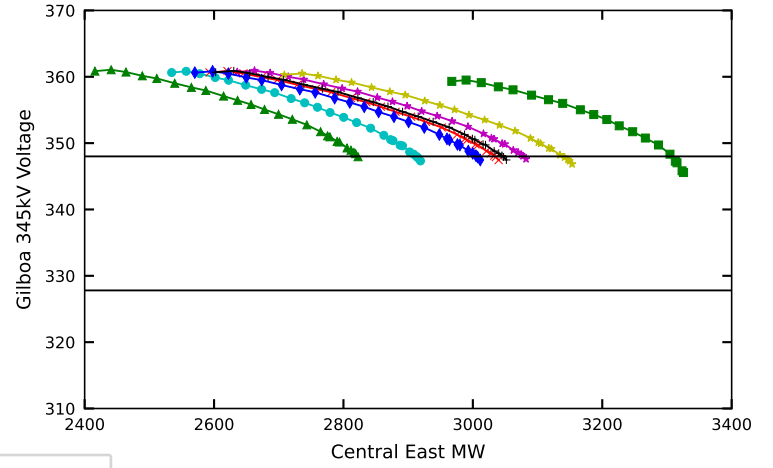
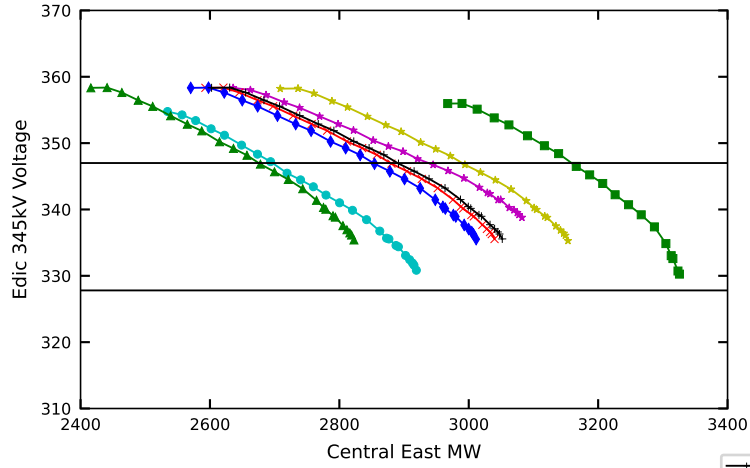
1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BY Figure 2



1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BY Figure 1



1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BYF Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2600 MS2270 DE1420 5O RY5714_BY

Interface: Central East

Transfe		bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
r		e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
MW																
2602	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2630	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2655	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2683	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2707	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2738	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2767	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2791	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2822	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2845	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2868	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2891	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2915	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2938	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2963	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5															
2987	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6															
2999	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7															
3003	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8															
3015	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9															
3019	t2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	0															
3032	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	1															
3039	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	2															
3044	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	3															
3047	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	4															
3051	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-16-2023 15:41

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\RY5714_BYP\Sum2023_CEVC_PH2_5O_RY5714_BYP.xlsx

1: 2023S CEVC PH2 CE2600 MS2270 DE1420 5O RY5714_BYP

Interface: Central East

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\RY5714_BYP\Sum2023_CEVC_Ph2_5O_RY5714_BYP.xlsx

1: 2023S CEVC PH2 CE2600 MS2270 DE1420 5O RY5714_BYP

Interface: Central East

Dlb Ckt																								
Twr 345																								
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ravens																								
wood 3																								
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Ph2 DC																								
1500																								

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
836 >E	Dunwoodie 345kV Voltage	Pre-Fault	484.2	NA	348	836
1031 >E	Sprain Brook 345kV Voltage	Pre-Fault	451.1	NA	348	1031
2837	limit with 5% margin	Marcy South N.	NA	NA	NA	3621
2863	Gordon Rd 345kV Voltage	Pre-Fault	19.1	NA	348	2863
2868	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3159
2872	Marcy 345kV Voltage	Pre-Fault	16.9	NA	348	2872
2883	Millwood 345kV Voltage	Pre-Fault	80.9	NA	348	2883
2889	Gordon Rd 345kV Voltage	SBK Princetown 345	8.7	327.8	346.5	2676
2889	Edic 345kV Voltage	Pre-Fault	17.1	NA	347	2889
2895	limit with 5% margin	Marcy South S.	NA	NA	NA	3401
2899	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2109
2899	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2049
2899	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2847
2899	limit with 5% margin	SBK Edic R945	NA	NA	NA	2109
2899	limit with 5% margin	Volney-Marcy	NA	NA	NA	2834
2899	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2773
2899	limit with 5% margin	SBK Edic R70	NA	NA	NA	2928
2899	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2681
2899	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2887
2899	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2860
2899	limit with 5% margin	Ravenswood 3	NA	NA	NA	2995
2908	Gordon Rd 345kV Voltage	Marcy South N.	11.8	327.8	345.7	3779
2963	Buchanan North 345kV Voltage	Pre-Fault	58.2	NA	346	2963
2964	Gordon Rd 345kV Voltage	Marcy South S.	7.5	327.8	342.9	3539
2979	Edic 345kV Voltage	Marcy South N.	6.0	327.8	342.1	3811
2980	Marcy 345kV Voltage	Marcy South N.	6.0	327.8	341.9	3811
2997	New Scotland 345kV Voltage Alps	Pre-Fault	15.2	NA	348	2997
2997	New Scotland 345kV Voltage Gilb	Pre-Fault	15.2	NA	348	2997
3007 >E	Oakdale 345kV Voltage	Marcy South N.	6.6	320	344.8	3814
3009	Gordon Rd 345kV Voltage	Ph2 DC 1500	7.6	327.8	339.5	3319
3024 >E	New Scotland 345kV Voltage Alps	Marcy South N.	7.8	327.8	346.7	3816
3024 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	7.8	327.8	346.7	3816
3030	Rock Tavern 345kV Voltage	Pre-Fault	17.1	NA	348	3030
3034	New Scotland 345kV Voltage Alps	Marcy South S.	5.4	327.8	345.7	3579
3034	New Scotland 345kV Voltage Gilb	Marcy South S.	5.4	327.8	345.7	3579
3035	Coopers Corners 345kV Voltage	SBK Edic R945	8.6	327.8	339.5	2211
3035	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	8.6	327.8	339.5	2211
3038	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	8.5	327.8	339.3	2151
3039 >E	Edic 345kV Voltage	Ph2 DC 1500	8.2	327.8	337.9	3337
3040 >E	Marcy 345kV Voltage	Ph2 DC 1500	8.1	327.8	337.7	3337

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3040	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	8.0	327.8	337.0	2152
3044	Marcy 345kV Voltage	SBK Edic R945	6.2	327.8	336.5	2216
3044	Marcy 345kV Voltage	Edic-Gordon Rd. 345	6.2	327.8	336.4	2216
3046	Gilboa 345kV Voltage	Pre-Fault	12.3	NA	348	3046
3048	Edic 345kV Voltage	Edic-Gordon Rd. 345	3.7	327.8	336.1	2219
3048	Edic 345kV Voltage	SBK Edic R945	3.7	327.8	336.1	2219
3051	Edic 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	335.6	2157
3052 >E	Coopers Corners 345kV Voltage	Pre-Fault	7.7	NA	338	3052
3055 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	3.9	327.8	334.8	2158
3055 >E	Buchanan South 345kV Voltage	Pre-Fault	8.9	NA	346	3055
3056 >E	Pleasant Valley 345kV Voltage	Pre-Fault	12.0	NA	348	3056
3056 >E	Fraser 345kV Voltage	Pre-Fault	5.6	NA	338	3056
3056 >E	Fraser 345kV Voltage	SBK Edic R945	3.4	327.8	338.0	2223
3056 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	3.5	327.8	338.0	2223
3058 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	3.5	327.8	337.7	2159
3064 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	6.6	327.8	333.8	3023
3064 >E	Edic 345kV Voltage	Marcy South S.	6.0	327.8	334.3	3585
3065 >E	Marcy 345kV Voltage	Marcy South S.	6.0	327.8	334.0	3585
3065 >E	Oakdale 345kV Voltage	Pre-Fault	3.6	NA	335	3065
3068 >E	Edic 345kV Voltage	SBK Marcy R3108	5.6	327.8	332.6	2933
3070 >E	Ramapo 500kV Voltage	Ph2 DC 1500	23.9	500	507.4	3355
3072 >E	Oakdale 345kV Voltage	SBK Edic R945	2.7	320	333.1	2232
3072 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	2.8	320	333.1	2231
3073 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	2.8	320	332.8	2166
3074 >E	Station 80 345kV Voltage	Pre-Fault	14.8	NA	346	3074
3076 >E	Gilboa 345kV Voltage	Marcy South S.	6.1	327.8	345.6	3589
3078 >E	Ramapo 345kV Voltage	Pre-Fault	11.4	NA	346	3078
3081 >E	Pannell Road 345kV Voltage	Pre-Fault	13.3	NA	346	3081
3081 >E	Edic 345kV Voltage	Volney-Marcy	5.7	327.8	330.4	3012
3082 >E	Marcy 345kV Voltage	Volney-Marcy	5.6	327.8	330.2	3012
3085 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	6.6	327.8	330.8	3031
3089 >E	Coopers Corners 345kV Voltage	Ravenswood 3	5.9	327.8	333.2	3189
3090 >E	Ramapo 500kV Voltage	Ravenswood 3	14.8	500	505.7	3189
3090 >E	Gordon Rd 345kV Voltage	Ravenswood 3	6.7	327.8	330.2	3189
3091 >E	Ladentown 345kV Voltage	Pre-Fault	10.6	NA	346	3091
3092 >E	Edic 345kV Voltage	Ravenswood 3	5.4	327.8	328.6	3191
3092 >E	Marcy 345kV Voltage	Ravenswood 3	5.4	327.8	328.4	3191
3092 >E	Gordon Rd 345kV Voltage	Princeton-N.Scot 345	7.0	327.8	329.9	3079
3095 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	5.8	327.8	327.8	3042
3095 >E	Marcy 345kV Voltage	SBK Marcy R3108	5.8	327.8	327.8	2956

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3095 >E	Marcy 345kV Voltage	SBK Edic R70	5.8	327.8	327.8	3130
3095 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	5.8	327.8	327.8	3054
3095 >E	Marcy 345kV Voltage	SBK Princetown 345	5.8	327.8	327.8	2860
3095 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	5.8	327.8	327.8	3083
3095 >E	Edic 345kV Voltage	SBK Princetown 345	5.8	327.8	328.0	2860
3096 >E	Clay 345kV Voltage	Pre-Fault	9.3	NA	345	3096
3096 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	7.0	327.8	329.3	2956
3096 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	5.8	327.8	327.8	3055
3096 >E	Edic 345kV Voltage	N.Scot-Leeds 345	5.8	327.8	327.8	3043
3096 >E	Edic 345kV Voltage	Princetown-N.Scot 345	5.8	327.8	327.8	3084
3098 >E	Dunwoodie 345kV Voltage	Ravenswood 3	6.2	327.8	335.9	3197
3099 >E	Sprain Brook 345kV Voltage	Ravenswood 3	6.3	327.8	335.9	3198
3104 >E	Oakdale 345kV Voltage	SBK Marcy R3108	3.5	320	323.9	2964
3106 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	12.6	500	504.9	2179
3107 >E	Ramapo 500kV Voltage	SBK Edic R945	12.6	500	504.9	2251
3107 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	12.6	500	504.9	2250
3107 >E	Gordon Rd 345kV Voltage	Volney-Marcy	7.3	327.8	327.7	3037
3109 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	6.7	327.8	330.6	2872
3111 >E	Oakdale 345kV Voltage	Volney-Marcy	3.6	320	322.1	3040
3111 >E	Oakdale 345kV Voltage	Ravenswood 3	3.5	320	322.1	3209
3111 >E	Clay 345kV Voltage	Marcy South N.	9.7	327.8	348.4	3827
3113 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	5.6	327.8	327.8	3060
3113 >E	Fraser 345kV Voltage	Volney-Marcy	5.6	327.8	327.8	3042
3113 >E	Fraser 345kV Voltage	SBK Marcy R3108	5.6	327.8	327.8	2971
3113 >E	Fraser 345kV Voltage	SBK Edic R70	5.6	327.8	327.8	3149
3113 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	5.6	327.8	327.8	3100
3113 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	5.6	327.8	327.8	3071
3113 >E	Fraser 345kV Voltage	Ravenswood 3	5.6	327.8	327.8	3211
3113 >E	Fraser 345kV Voltage	SBK Princetown 345	5.6	327.8	327.8	2875
3114 >E	Oakdale 345kV Voltage	SBK Princetown 345	3.5	320	321.3	2876
3118 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	3.6	320	320.2	3076
3118 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	3.6	320	320.2	3065
3118 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	3.6	320	320.1	3105
3119 >E	Bowline 1 345kV Voltage	Pre-Fault	10.8	NA	345	3119
3123 >E	Coopers Corners 345kV Voltage	SBK Edic R70	7.5	327.8	328.9	3160
3124 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	7.5	327.8	328.8	3071
3124 >E	Buchanan North 345kV Voltage	Ravenswood 3	7.4	327.8	336.0	3222

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BY

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3124 >E	Bowline 2 345kV Voltage	Pre-Fault	10.8	NA	345	3124
3125 >E	Gordon Rd 345kV Voltage	SBK Edic R70	8.2	327.8	325.3	3162
3125 >E	Millwood 345kV Voltage	Ravenswood 3	6.9	327.8	336.1	3222
3125 >E	Oakdale 345kV Voltage	SBK Edic R70	3.8	320	318.2	3162
3128 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	10.8	327.8	343.3	3390
3128 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	10.8	327.8	343.3	3390
3129 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	7.7	327.8	328.1	3086
3131 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	7.7	327.8	327.9	3118
3131 >E	Roseton 345kV Voltage	Pre-Fault	14.0	NA	345	3131
3134 >E	Leeds 345kV Voltage	Marcy South S.	7.5	327.8	347.2	3605
3135 >E	Coopers Corners 345kV Voltage	Volney-Marcy	7.8	327.8	327.4	3063
3137 >E	Leeds 345kV Voltage	Pre-Fault	10.8	NA	345	3137
3139 >E	St.Lawrence 230kV Voltage	Pre-Fault	19.6	NA	225	3139
3140 >E	Gilboa 345kV Voltage	SBK Edic R945	6.0	327.8	338.1	2269
3140 >E	Dunwoodie 345kV Voltage	SBK Edic R945	6.4	327.8	330.1	2269
3140 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	6.5	327.8	330.0	2268
3141 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	338.0	2268
3141 >E	Buchanan South 345kV Voltage	Ravenswood 3	7.2	327.8	336.4	3238
3141 >E	Sprain Brook 345kV Voltage	SBK Edic R945	6.5	327.8	330.2	2270
3141 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	6.5	327.8	330.1	2268
3142 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	329.8	2194
3142 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	6.1	327.8	337.8	2194
3143 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	6.5	327.8	329.9	2195
3145 >E	Clay 345kV Voltage	SBK Edic R945	5.9	327.8	339.7	2272
3146 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	6.0	327.8	339.6	2271
3148 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	7.4	327.8	332.4	3096
3148 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	7.4	327.8	332.4	3096
3149 >E	Rock Tavern 345kV Voltage	SBK Edic R945	6.9	327.8	339.1	2274
3150 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	6.9	327.8	339.1	2273
3151 >E	Buchanan North 345kV Voltage	SBK Edic R945	7.2	327.8	333.1	2275
3151 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	7.2	327.8	333.1	2274
3153 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	338.8	2199
3153 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	7.2	327.8	332.9	2199
3154 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	6.3	327.8	338.7	2199
3154 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	6.9	327.8	331.7	2276
3154 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	6.9	327.8	331.7	2276
3154 >E	Gordon Rd 345kV Voltage	SBK Edic R945	7.2	327.8	321.3	2276
3154 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	8.1	327.8	324.9	3006
3154 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	6.9	327.8	331.7	2275
3154 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	6.9	327.8	331.7	2275

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BYE

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3154 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	7.2	327.8	321.2	2275
3154 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	7.0	327.8	328.1	2910
3155 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	7.2	327.8	328.1	3103
3155 >E	Dunwoodie 345kV Voltage	SBK Edic R70	7.2	327.8	328.0	3195
3156 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	7.1	327.8	328.1	2912
3157 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	7.3	327.8	327.8	3144
3157 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	7.3	327.8	328.1	3105
3157 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	7.3	327.8	327.8	3114
3157 >E	Sprain Brook 345kV Voltage	SBK Edic R70	7.3	327.8	328.0	3197
3158 >E	Fraser 345kV Voltage	Ph2 DC 1500	10.7	327.8	337.8	3408
3158 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	7.1	327.8	331.2	2201
3158 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	7.1	327.8	331.2	2201
3158 >E	Dunwoodie 345kV Voltage	Volney-Marcy	7.3	327.8	327.6	3085
3159 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	7.3	327.8	327.8	3146
3159 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	7.3	327.8	327.8	3116
3160 >E	Sprain Brook 345kV Voltage	Volney-Marcy	7.4	327.8	327.6	3087
3161 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	7.3	327.8	327.3	3012
3163 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	7.4	327.8	327.3	3013
3163 >E	Fraser 345kV Voltage	Marcy South S.	9.9	327.8	327.8	3614
3165 >E	Millwood 345kV Voltage	SBK Edic R945	7.1	327.8	331.3	2283
3166 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	7.1	327.8	331.2	2281
3166 >E	Edic 345kV Voltage	SBK Edic R70	10.4	327.8	315.8	3207
3166 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	7.7	327.8	330.2	3261
3166 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	7.7	327.8	330.2	3261
3168 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	7.1	327.8	331.0	2205
3168 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	15.2	327.8	337.7	3414
3174 >E	Rock Tavern 345kV Voltage	Ravenswood 3	8.2	327.8	337.1	3269
3175 >E	Buchanan South 345kV Voltage	SBK Edic R945	7.2	327.8	332.6	2288
3176 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	7.2	327.8	332.5	2287
3176 >E	Ramapo 500kV Voltage	SBK Princetown 345	17.2	500	501.4	2929
3178 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	7.3	327.8	332.3	2209
3178 >E	Ramapo 500kV Voltage	Marcy South S.	20.9	500	503.7	3618
3179 >E	St.Lawrence 230kV Voltage	SBK Edic R945	13.0	218.5	223.0	2290
3180 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	13.2	218.5	222.9	2289
3183 >E	Ramapo 345kV Voltage	Ravenswood 3	8.5	327.8	336.8	3277
3184 >E	Ladentown 345kV Voltage	Ravenswood 3	8.1	327.8	337.2	3278
3186 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	8.2	327.8	327.8	3172
3186 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	8.2	327.8	327.8	3172
3188 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	8.3	327.8	327.6	3113

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3188 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	8.3	327.8	327.6	3113
3188 >E	Buchanan North 345kV Voltage	SBK Princetown 345	8.5	327.8	329.1	2939
3188 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	8.3	327.8	327.5	3144
3188 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	8.3	327.8	327.5	3144
3189 >E	Millwood 345kV Voltage	SBK Princetown 345	7.9	327.8	328.4	2940
3190 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	8.3	327.8	327.3	3037
3190 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	8.3	327.8	327.3	3037
3191 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	8.2	327.8	328.2	3140
3192 >E	Millwood 345kV Voltage	SBK Edic R70	8.3	327.8	328.1	3235
3192 >E	Ramapo 345kV Voltage	SBK Edic R945	7.9	327.8	336.0	2297
3192 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	8.0	327.8	336.0	2296
3193 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	19.0	500	500.5	3141
3194 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	8.3	327.8	327.8	3181
3194 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	8.3	327.8	327.8	3150
3194 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	8.7	327.8	326.8	3238
3194 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	8.7	327.8	326.8	3238
3195 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	8.0	327.8	335.7	2216
3195 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	9.0	327.8	328.3	3144
3196 >E	Millwood 345kV Voltage	Volney-Marcy	8.4	327.8	327.6	3121
3196 >E	Buchanan North 345kV Voltage	SBK Edic R70	9.1	327.8	328.2	3240
3198 >E	Ramapo 500kV Voltage	Volney-Marcy	19.6	500	500.3	3123
3198 >E	Ramapo 500kV Voltage	SBK Marcy R3108	19.5	500	500.3	3044
3199 >E	Bowline 1 345kV Voltage	Ravenswood 3	8.2	327.8	337.7	3292
3200 >E	Millwood 345kV Voltage	SBK Marcy R3108	8.4	327.8	327.2	3045
3200 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	9.2	327.8	327.8	3155
3200 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	9.2	327.8	327.8	3186
3200 >E	Ramapo 500kV Voltage	SBK Edic R70	19.5	500	500.2	3244
3201 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	19.7	500	500.1	3157
3201 >E	Ladentown 345kV Voltage	SBK Edic R945	7.7	327.8	335.6	2302
3202 >E	Buchanan North 345kV Voltage	Volney-Marcy	9.3	327.8	327.6	3126
3202 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	7.8	327.8	335.5	2301
3202 >E	Bowline 2 345kV Voltage	Ravenswood 3	8.2	327.8	337.8	3295
3202 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	19.7	500	500.0	3189
3203 >E	Ramapo 500kV Voltage	Pre-Fault	19.8	NA	500	3203
3204 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	7.8	327.8	335.3	2220
3205 >E	St.Lawrence 230kV Voltage	Marcy South N.	20.8	218.5	225.1	3838

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3206 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	9.3	327.8	327.2	3050
3207 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	15.2	218.5	221.6	2221
3207 >E	Fraser 345kV Voltage	Marcy South N.	12.5	327.8	327.8	3838
3208 >E	Buchanan South 345kV Voltage	SBK Princetown 345	8.4	327.8	328.9	2957
3209 >E	Pannell Road 345kV Voltage	SBK Edic R945	9.3	327.8	336.3	2307
3211 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	9.4	327.8	336.2	2306
3213 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	8.8	327.8	328.3	3163
3215 >E	Buchanan South 345kV Voltage	SBK Edic R70	8.8	327.8	328.2	3260
3215 >E	Bowline 1 345kV Voltage	SBK Edic R945	7.8	327.8	336.1	2310
3216 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	7.8	327.8	336.1	2308
3217 >E	Oakdale 345kV Voltage	Ph2 DC 1500	12.4	320	338.3	3444
3218 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	8.9	327.8	327.8	3204
3218 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	8.9	327.8	327.8	3173
3218 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	7.9	327.8	335.9	2226
3219 >E	Bowline 2 345kV Voltage	SBK Edic R945	7.8	327.8	336.2	2312
3219 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	7.8	327.8	336.2	2310
3220 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	9.8	327.8	335.5	2226
3220 >E	Buchanan South 345kV Voltage	Volney-Marcy	8.9	327.8	327.6	3144
3220 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	8.5	327.8	323.7	2967
3220 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	8.5	327.8	323.7	2967
3220 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	9.1	327.8	329.5	3170
3222 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	7.9	327.8	336.0	2227
3224 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	9.0	327.8	327.1	3066
3225 >E	St.Lawrence 230kV Voltage	SBK Edic R70	15.8	218.5	220.6	3271
3226 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	21.3	218.5	223.6	3449
3226 >E	Gilboa 345kV Voltage	Ravenswood 3	9.2	327.8	328.9	3318
3226 >E	Pannell Road 345kV Voltage	Marcy South N.	15.9	327.8	344.3	3841
3227 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	10.3	327.8	333.7	3319
3230 >E	Clay 345kV Voltage	SBK Marcy R3108	9.4	327.8	330.5	3071
3231 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	18.3	218.5	220.3	3071
3234 >E	Gilboa 345kV Voltage	Marcy South N.	13.0	327.8	340.2	3842
3234 >E	Gilboa 345kV Voltage	SBK Marcy R3108	9.4	327.8	328.0	3075
3236 >E	Station 80 345kV Voltage	SBK Edic R945	10.8	327.8	335.1	2321
3236 >E	Clay 345kV Voltage	Ravenswood 3	8.7	327.8	329.8	3327
3236 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	9.4	327.8	327.8	3222
3236 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	9.4	327.8	327.8	3191
3237 >E	Gilboa 345kV Voltage	Volney-Marcy	9.4	327.8	327.8	3159
3238 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	11.0	327.8	334.9	2320
3240 >E	Leeds 345kV Voltage	Marcy South N.	11.4	327.8	348.6	3842

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3240 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	10.0	327.8	331.7	2984
3240 >E	Gilboa 345kV Voltage	SBK Princetown 345	9.4	327.8	327.4	2984
3241 >E	Gilboa 345kV Voltage	SBK Edic R70	9.6	327.8	327.3	3289
3245 >E	St.Lawrence 230kV Voltage	Volney-Marcy	18.8	218.5	219.6	3167
3246 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	11.4	327.8	334.4	2237
3249 >E	St.Lawrence 230kV Voltage	Ravenswood 3	18.6	218.5	219.4	3339
3251 >E	Clay 345kV Voltage	SBK Princetown 345	9.2	327.8	328.2	2994
3253 >E	Clay 345kV Voltage	Marcy South S.	10.4	327.8	336.5	3640
3254 >E	Clay 345kV Voltage	N.Scot-Leeds 345	9.2	327.8	327.9	3204
3254 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	9.3	327.8	327.9	3209
3255 >E	Clay 345kV Voltage	Princetown-N.Scot 345	9.3	327.8	327.8	3241
3258 >E	Ramapo 345kV Voltage	SBK Princetown 345	10.1	327.8	330.2	2999
3260 >E	Ladentown 345kV Voltage	SBK Princetown 345	9.6	327.8	330.0	3001
3264 >E	Oakdale 345kV Voltage	Marcy South S.	10.3	320	321.2	3643
3265 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	10.4	327.8	330.5	2337
3265 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	330.5	2335
3267 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	19.6	218.5	218.5	3253
3267 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	19.6	218.5	218.5	3221
3268 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	19.6	218.5	218.5	3218
3269 >E	Roseton 345kV Voltage	Ravenswood 3	11.1	327.8	335.2	3358
3269 >E	Niagara 230kV East Voltage	Pre-Fault	24.4	NA	225	3269
3269 >E	Niagara 230kV West Voltage	Pre-Fault	24.4	NA	225	3269
3270 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	330.2	2247
3270 >E	Clay 345kV Voltage	Volney-Marcy	10.9	327.8	326.2	3191
3271 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	19.7	218.5	218.3	3010
3274 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	11.7	327.8	328.9	3224
3274 >E	Rock Tavern 345kV Voltage	SBK Edic R70	11.7	327.8	328.9	3325
3275 >E	Roseton 345kV Voltage	SBK Edic R945	10.4	327.8	334.7	2343
3275 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	10.4	327.8	334.7	2340
3276 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	10.3	327.8	328.6	3226
3276 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	11.1	327.8	328.6	3227
3278 >E	Ladentown 345kV Voltage	SBK Edic R70	10.4	327.8	328.4	3329
3278 >E	Ramapo 345kV Voltage	SBK Edic R70	11.1	327.8	328.4	3329
3279 >E	Bowline 1 345kV Voltage	SBK Princetown 345	9.7	327.8	330.2	3018
3279 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	10.5	327.8	334.4	2251
3283 >E	Bowline 2 345kV Voltage	SBK Princetown 345	9.7	327.8	330.3	3021
3283 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	10.6	327.8	327.9	3237
3283 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	10.6	327.8	327.8	3269

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface
				<-Post->	<-Pre->	
3283 >E	Gilboa 345kV Voltage	Ph2 DC 1500	14.9	327.8	343.5	3484
3284 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	11.4	327.8	327.9	3238
3285 >E	Ramapo 345kV Voltage	Princeton-N.Scot 345	11.4	327.8	327.8	3270
3286 >E	Ladentown 345kV Voltage	Volney-Marcy	10.6	327.8	327.6	3206
3286 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	12.2	327.8	328.0	3240
3287 >E	Station 80 345kV Voltage	Marcy South N.	19.0	327.8	342.9	3848
3287 >E	Rock Tavern 345kV Voltage	Princeton-N.Scot 345	12.2	327.8	327.9	3273
3287 >E	Ramapo 345kV Voltage	Volney-Marcy	11.4	327.8	327.6	3208
3290 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	11.7	327.8	328.5	3240
3292 >E	Ladentown 345kV Voltage	SBK Marcy R3108	10.7	327.8	327.1	3123
3292 >E	Rock Tavern 345kV Voltage	Volney-Marcy	12.3	327.8	327.5	3212
3294 >E	Ramapo 345kV Voltage	SBK Marcy R3108	11.5	327.8	327.0	3125
3294 >E	Pleasant Valley 345kV Voltage	SBK Princeton 345	11.5	327.8	328.1	3031
3295 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	11.9	327.8	328.0	3348
3297 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	10.5	327.8	328.6	3247
3298 >E	Pleasant Valley 345kV Voltage	Princeton-N.Scot 345	12.0	327.8	327.8	3283
3299 >E	Bowline 1 345kV Voltage	SBK Edic R70	10.6	327.8	328.4	3352
3299 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	12.0	327.8	327.7	3252
3299 >E	Pannell Road 345kV Voltage	Ravenswood 3	12.7	327.8	329.5	3387
3301 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	10.5	327.8	328.6	3252
3302 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	12.0	327.8	327.5	3221
3302 >E	Clay 345kV Voltage	Ph2 DC 1500	15.5	327.8	347.2	3495
3303 >E	Bowline 2 345kV Voltage	SBK Edic R70	10.5	327.8	328.5	3356
3305 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	10.8	327.8	327.9	3258
3305 >E	Bowline 1 345kV Voltage	Princeton-N.Scot 345	10.8	327.8	327.8	3290
3306 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	12.1	327.8	327.1	3135
3306 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	12.6	327.8	326.3	3136
3307 >E	Bowline 1 345kV Voltage	Volney-Marcy	10.8	327.8	327.6	3227
3309 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	10.8	327.8	327.9	3262
3309 >E	Bowline 2 345kV Voltage	Princeton-N.Scot 345	10.8	327.8	327.8	3294
3310 >E	Pleasant Valley 345kV Voltage	Marcy South S.	18.9	327.8	340.3	3656
3312 >E	Bowline 2 345kV Voltage	Volney-Marcy	10.8	327.8	327.6	3231
3314 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	10.9	327.8	327.0	3142
3317 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	13.9	327.8	328.2	3145
3317 >E	Station 80 345kV Voltage	Marcy South S.	14.0	327.8	331.6	3658
3318 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	10.9	327.8	327.0	3146

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3320 >E	Station 80 345kV Voltage	Ravenswood 3	14.3	327.8	329.4	3406
3321 >E	Pannell Road 345kV Voltage	SBK Princetown 345	13.3	327.8	327.9	3053
3321 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	13.2	327.8	327.9	3273
3322 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	13.3	327.8	327.8	3275
3322 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	13.3	327.8	327.8	3307
3323 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	10.8	327.8	327.8	3274
3323 >E	Leeds 345kV Voltage	SBK Marcy R3108	10.8	327.8	327.8	3150
3323 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	10.8	327.8	327.8	3308
3323 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	10.8	327.8	327.8	3276
3323 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	10.8	327.8	327.8	2365
3323 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	10.8	327.8	327.8	2269
3323 >E	Leeds 345kV Voltage	SBK Edic R945	10.8	327.8	327.8	2369
3323 >E	Leeds 345kV Voltage	Volney-Marcy	10.8	327.8	327.8	3242
3323 >E	Leeds 345kV Voltage	SBK Edic R70	10.8	327.8	327.8	3378
3323 >E	Leeds 345kV Voltage	SBK Princetown 345	10.8	327.8	327.8	3055
3323 >E	Leeds 345kV Voltage	Ravenswood 3	10.8	327.8	327.8	3409
3326 >E	Pannell Road 345kV Voltage	Marcy South S.	14.3	327.8	333.1	3661
3343 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	14.8	327.8	327.8	3295
3344 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	14.8	327.8	327.8	3328
3344 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	14.8	327.8	327.8	3296
3344 >E	Station 80 345kV Voltage	SBK Princetown 345	14.9	327.8	327.8	3073
3344 >E	Roseton 345kV Voltage	SBK Princetown 345	12.7	327.8	329.8	3073
3348 >E	Station 80 345kV Voltage	SBK Marcy R3108	15.8	327.8	327.5	3172
3351 >E	Pannell Road 345kV Voltage	Volney-Marcy	15.3	327.8	325.6	3268
3362 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	13.6	327.8	328.5	3314
3364 >E	Roseton 345kV Voltage	SBK Edic R70	13.7	327.8	328.4	3423
3371 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	14.0	327.8	327.8	3323
3371 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	14.0	327.8	327.8	3356
3375 >E	Roseton 345kV Voltage	Volney-Marcy	14.0	327.8	327.5	3291
3377 >E	Station 80 345kV Voltage	Volney-Marcy	17.1	327.8	325.6	3293
3384 >E	Roseton 345kV Voltage	SBK Marcy R3108	14.2	327.8	327.0	3202
3391 >E	St.Lawrence 230kV Voltage	Marcy South S.	31.9	218.5	221.6	3680
3399 >E	Niagara 230kV East Voltage	SBK Edic R945	23.0	218.5	219.7	2410
3399 >E	Niagara 230kV West Voltage	SBK Edic R945	23.0	218.5	219.7	2410
3400 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	23.0	218.5	219.6	2406
3400 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	23.0	218.5	219.6	2406
3403 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	23.2	218.5	219.5	2302

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3403 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	23.2	218.5	219.5	2302
3413 >E	Clay 345kV Voltage	SBK Edic R70	15.8	327.8	310.7	3477
3414 >E	Somerset 345kV Voltage	Pre-Fault	24.3	NA	338	3414
3418 >E	Rainey 345kV Voltage	Ravenswood 3	19.0	327.8	341.7	3499
3419 >E	Niagara 230kV East Voltage	Ravenswood 3	24.2	218.5	218.9	3500
3419 >E	Niagara 230kV West Voltage	Ravenswood 3	24.2	218.5	218.9	3500
3427 >E	Leeds 345kV Voltage	Ph2 DC 1500	16.6	327.8	348.1	3570
3428 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	24.4	218.5	218.5	3412
3428 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	24.4	218.5	218.5	3412
3428 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	24.4	218.5	218.5	3381
3428 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	24.4	218.5	218.5	3381
3428 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	24.4	218.5	218.5	3378
3428 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	24.4	218.5	218.5	3378
3429 >E	Niagara 230kV East Voltage	SBK Princetown 345	24.5	218.5	218.5	3146
3429 >E	Niagara 230kV West Voltage	SBK Princetown 345	24.5	218.5	218.5	3146
3435 >E	Niagara 230kV East Voltage	SBK Marcy R3108	24.8	218.5	218.2	3245
3435 >E	Niagara 230kV West Voltage	SBK Marcy R3108	24.8	218.5	218.2	3245
3436 >E	Niagara 230kV East Voltage	Volney-Marcy	24.9	218.5	218.2	3348
3436 >E	Niagara 230kV West Voltage	Volney-Marcy	24.9	218.5	218.2	3348
3442 >E	Niagara 230kV East Voltage	SBK Edic R70	25.4	218.5	217.9	3509
3442 >E	Niagara 230kV West Voltage	SBK Edic R70	25.4	218.5	217.9	3509
3447 >E	Farragut 345kV Voltage	Ravenswood 3	20.3	327.8	341.0	3526
3453 >E	Pannell Road 345kV Voltage	SBK Edic R70	19.3	327.8	318.0	3520
3455 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	25.1	327.8	344.9	3587
3457 >E	Pleasant Valley 345kV Voltage	Marcy South N.	23.5	327.8	340.8	3868
3462 >E	Watercure 230kV Voltage	Marcy South N.	30.2	207	231.5	3869
3462 >E	Station 80 345kV Voltage	SBK Edic R70	20.6	327.8	319.8	3531
3483 >E	Coopers Corners 345kV Voltage	Marcy South N.	18.9	327.8	312.1	3871
3497 >E	Somerset 345kV Voltage	SBK Edic R945	18.7	327.8	334.6	2464
3501 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	18.9	327.8	334.4	2460
3504 >E	Station 80 345kV Voltage	Ph2 DC 1500	28.9	327.8	343.8	3616
3515 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	19.5	327.8	333.8	2348
3519 >E	Ramapo 500kV Voltage	Marcy South N.	71.5	500	506.2	3876
3530 >E	Rainey 345kV Voltage	Pre-Fault	30.4	NA	338	3530
3538 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	34.6	327.8	342.1	3637
3544 >E	Farragut 345kV Voltage	Pre-Fault	32.3	NA	338	3544
3577 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	29.3	327.8	344.7	3660
3587 >E	Millwood 345kV Voltage	Marcy South S.	33.3	327.8	334.8	3736
3596 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	28.9	327.8	346.1	3671

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Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3599 >E	Gardenville 230kV Voltage	Pre-Fault	30.0	NA	217	3599
3618 >E	Somerset 345kV Voltage	Ravenswood 3	23.3	327.8	329.6	3688
3627 >E	Dunwoodie 345kV Voltage	Marcy South S.	41.3	327.8	333.9	3748
3628 >E	Sprain Brook 345kV Voltage	Marcy South S.	40.9	327.8	333.9	3748
3631 >E	Roseton 345kV Voltage	Marcy South S.	27.4	327.8	336.3	3749
3632 >E	Goethals 345kV Voltage	Ravenswood 3	27.7	327.8	339.6	3701
3636 >E	Watercure 230kV Voltage	Ph2 DC 1500	29.2	207	225.0	3695
3660 >E	Millwood 345kV Voltage	Ph2 DC 1500	37.8	327.8	344.0	3710
3661 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	24.2	327.8	327.8	3619
3661 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	35.5	327.8	344.9	3710
3661 >E	Somerset 345kV Voltage	Princeton-N.Scot 345	24.3	327.8	327.8	3643
3662 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	24.3	327.8	327.8	3606
3666 >E	Buchanan North 345kV Voltage	Marcy South S.	34.1	327.8	331.2	3759
3667 >E	Ramapo 345kV Voltage	Ph2 DC 1500	33.5	327.8	345.7	3714
3667 >E	Somerset 345kV Voltage	SBK Princetown 345	24.5	327.8	327.5	3351
3669 >E	Buchanan South 345kV Voltage	Marcy South S.	32.9	327.8	334.0	3760
3694 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	45.5	327.8	342.1	3730
3699 >E	Goethals 345kV Voltage	Pre-Fault	43.0	NA	338	3699
3702 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	46.2	327.8	342.1	3735
3702 >E	Somerset 345kV Voltage	SBK Marcy R3108	26.0	327.8	326.1	3473
3710 >E	Ladentown 345kV Voltage	Ph2 DC 1500	33.2	327.8	346.9	3739
3711 >E	Dunwoodie 345kV Voltage	Marcy South N.	44.4	327.8	333.4	3899
3712 >E	Millwood 345kV Voltage	Marcy South N.	38.4	327.8	334.7	3899
3714 >E	Somerset 345kV Voltage	Marcy South S.	26.6	327.8	331.3	3773
3716 >E	Sprain Brook 345kV Voltage	Marcy South N.	44.4	327.8	333.4	3900
3724 >E	Rainey 345kV Voltage	SBK Edic R945	26.2	327.8	331.6	2588
3725 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	26.2	327.8	331.6	2580
3726 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	26.2	327.8	331.6	2435
3732 >E	Somerset 345kV Voltage	Volney-Marcy	27.3	327.8	324.9	3630
3732 >E	Roseton 345kV Voltage	Marcy South N.	30.3	327.8	338.0	3902
3743 >E	Watercure 230kV Voltage	Marcy South S.	26.0	207	206.9	3781
3751 >E	Farragut 345kV Voltage	SBK Edic R945	27.7	327.8	331.6	2603
3752 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	27.7	327.8	331.6	2446
3752 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	27.8	327.8	331.6	2594
3761 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	33.1	327.8	348.3	3770
3772 >E	Gardenville 230kV Voltage	SBK Edic R945	26.3	207	211.3	2614
3776 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	26.4	207	211.1	2606
3776 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	33.1	327.8	348.6	3779
3789 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	26.9	207	210.7	2462
3803 >E	Rainey 345kV Voltage	SBK Princetown 345	28.9	327.8	329.0	3467

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3806 >E	Roseton 345kV Voltage	Ph2 DC 1500	34.8	327.8	347.6	3797
3807 >E	Rock Tavern 345kV Voltage	Marcy South N.	31.7	327.8	326.0	3911
3811 >E	Buchanan North 345kV Voltage	Marcy South N.	43.4	327.8	331.4	3911
3824 >E	Buchanan South 345kV Voltage	Marcy South N.	40.1	327.8	333.9	3913
3826 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	29.9	327.8	328.3	3788
3830 >E	Rainey 345kV Voltage	SBK Edic R70	30.1	327.8	328.1	3933
3833 >E	Somerset 345kV Voltage	SBK Edic R70	31.1	327.8	320.7	3936
3834 >E	Farragut 345kV Voltage	SBK Princetown 345	30.7	327.8	329.0	3494
3836 >E	Somerset 345kV Voltage	Marcy South N.	36.9	327.8	343.5	3914
3839 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	30.4	327.8	327.8	3819
3840 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	30.4	327.8	327.8	3779
3844 >E	Rainey 345kV Voltage	Volney-Marcy	30.5	327.8	327.7	3736
3851 >E	Rainey 345kV Voltage	SBK Marcy R3108	30.7	327.8	327.4	3600
3859 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	31.8	327.8	328.3	3822
3863 >E	Ladentown 345kV Voltage	Marcy South S.	33.6	327.8	332.4	3816
3864 >E	Farragut 345kV Voltage	SBK Edic R70	32.0	327.8	328.1	3969
3870 >E	Gardenville 230kV Voltage	Ravenswood 3	29.2	207	208.0	3926
3874 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	32.3	327.8	327.8	3812
3874 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	32.3	327.8	327.8	3853
3877 >E	Ramapo 345kV Voltage	Marcy South S.	34.9	327.8	331.1	3820
3878 >E	Farragut 345kV Voltage	Volney-Marcy	32.4	327.8	327.7	3768
3886 >E	Farragut 345kV Voltage	SBK Marcy R3108	32.6	327.8	327.4	3629
3900 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	30.1	207	207.0	3879
3900 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	30.1	207	207.0	3863
3901 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	30.1	207	207.0	3839
3902 >E	Gardenville 230kV Voltage	SBK Princetown 345	30.2	207	206.9	3552
3915 >E	Gardenville 230kV Voltage	SBK Marcy R3108	30.8	207	206.5	3654
3917 >E	Bowline 1 345kV Voltage	Marcy South S.	33.5	327.8	332.8	3831
3926 >E	Gardenville 230kV Voltage	Volney-Marcy	31.1	207	206.1	3814
3931 >E	Bowline 2 345kV Voltage	Marcy South S.	33.5	327.8	332.9	3835
3955 >E	Niagara 345kV Voltage	Pre-Fault	45.7	NA	338	3955
3957 >E	Gardenville 230kV Voltage	SBK Edic R70	32.1	207	205.1	4071
3981 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	36.9	327.8	331.4	2541
3988 >E	Goethals 345kV Voltage	SBK Edic R945	37.3	327.8	331.3	2732
3989 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	37.4	327.8	331.2	2720
4080 >E	Ramapo 345kV Voltage	Marcy South N.	45.6	327.8	330.2	3943
4082 >E	Rock Tavern 345kV Voltage	Marcy South S.	38.4	327.8	319.1	3879
4084 >E	Goethals 345kV Voltage	SBK Princetown 345	40.7	327.8	329.0	3708

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4088 >E	Somerset 345kV Voltage	Ph2 DC 1500	47.1	327.8	345.4	3966
4112 >E	Ladentown 345kV Voltage	Marcy South N.	45.0	327.8	331.2	3947
4116 >E	Niagara 345kV Voltage	SBK Edic R945	36.2	327.8	334.5	2802
4118 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	42.2	327.8	328.3	4086
4124 >E	Goethals 345kV Voltage	SBK Edic R70	42.5	327.8	328.1	4253
4126 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	36.5	327.8	334.3	2793
4137 >E	Goethals 345kV Voltage	Princetown-N.Scot 345	42.9	327.8	327.8	4113
4137 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	42.9	327.8	327.8	4069
4142 >E	Goethals 345kV Voltage	Volney-Marcy	43.0	327.8	327.7	4019
4151 >E	Goethals 345kV Voltage	SBK Marcy R3108	43.3	327.8	327.5	3856
4156 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	37.6	327.8	333.6	2613
4189 >E	Bowline 1 345kV Voltage	Marcy South N.	45.1	327.8	331.4	3957
4287 >E	Bowline 2 345kV Voltage	Marcy South N.	48.0	327.8	330.0	3968
4349 >E	Niagara 345kV Voltage	Ravenswood 3	44.1	327.8	329.4	4378
4383 >E	Watercure 230kV Voltage	SBK Edic R945	62.2	207	253.0	2948
4421 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	45.7	327.8	327.8	4396
4422 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	45.7	327.8	327.8	4395
4424 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	45.8	327.8	327.7	4349
4440 >E	Niagara 345kV Voltage	SBK Princetown 345	46.3	327.8	327.4	4013
4469 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	66.2	207	254.4	2976
4531 >E	Niagara 345kV Voltage	SBK Marcy R3108	49.2	327.8	325.4	4179
4569 >E	Niagara 345kV Voltage	Volney-Marcy	50.6	327.8	324.6	4424
4594 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	72.1	207	256.3	2794
4638 >E	Coopers Corners 345kV Voltage	Marcy South S.	43.4	327.8	236.3	4039
4710 >E	Niagara 345kV Voltage	Marcy South S.	55.3	327.8	331.1	4060
4726 >E	Niagara 345kV Voltage	SBK Edic R70	56.0	327.8	321.1	4911
5218 >E	Niagara 230kV East Voltage	Marcy South S.	139.6	218.5	220.2	4207
5218 >E	Niagara 230kV West Voltage	Marcy South S.	139.6	218.5	220.2	4207
5459 >E	Niagara 345kV Voltage	Marcy South N.	85.5	327.8	345.9	4110
5491 >E	Niagara 345kV Voltage	Ph2 DC 1500	87.0	327.8	346.5	4808
6010 >E	Niagara 230kV East Voltage	Ph2 DC 1500	201.5	218.5	228.2	5119
6010 >E	Niagara 230kV West Voltage	Ph2 DC 1500	201.5	218.5	228.2	5119
6229 >E	Rainey 345kV Voltage	Marcy South S.	123.5	327.8	337.9	4498
6251 >E	Farragut 345kV Voltage	Marcy South S.	126.8	327.8	337.7	4505
6365 >E	Rainey 345kV Voltage	Ph2 DC 1500	129.3	327.8	351.8	5332
6375 >E	Farragut 345kV Voltage	Ph2 DC 1500	132.3	327.8	351.3	5338
6681 >E	Niagara 230kV East Voltage	Marcy South N.	247.2	218.5	229.8	4257
6681 >E	Niagara 230kV West Voltage	Marcy South N.	247.2	218.5	229.8	4257
6691 >E	Rainey 345kV Voltage	Marcy South N.	139.8	327.8	337.5	4258

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
6745 >E	Farragut 345kV Voltage	Marcy South N.	144.8	327.8	337.4	4265
6791 >E	Gardenville 230kV Voltage	Marcy South S.	134.2	207	212.9	4660
7216 >E	Goethals 345kV Voltage	Ph2 DC 1500	166.5	327.8	351.6	5842
7291 >E	Goethals 345kV Voltage	Marcy South S.	168.7	327.8	338.1	4805
7517 >E	Gardenville 230kV Voltage	Ph2 DC 1500	163.0	207	229.0	6023
7971 >E	Goethals 345kV Voltage	Marcy South N.	194.1	327.8	337.6	4412
14419 >E	Northport 138kV Voltage	Ph2 DC 1500	902.2	131.1	144.6	10162
17610 >E	Northport 138kV Voltage	Marcy South N.	1149.9	131.1	135.1	5574
23327 >E	Northport 138kV Voltage	Marcy South S.	1607.5	131.1	135.1	9430
35621 >E	Gardenville 230kV Voltage	Marcy South N.	1246.1	207	370.4	7745
99998 >E	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
99998 >E	Northport 138kV Voltage	Edic-Gordon Rd. 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Marcy-N.Scot99 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R945	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 D1b Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Ravenswood 3	NA	131.1	NA	99998
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

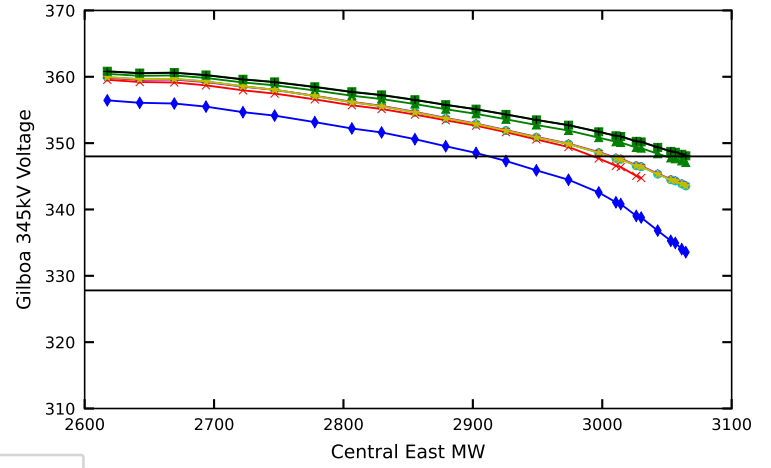
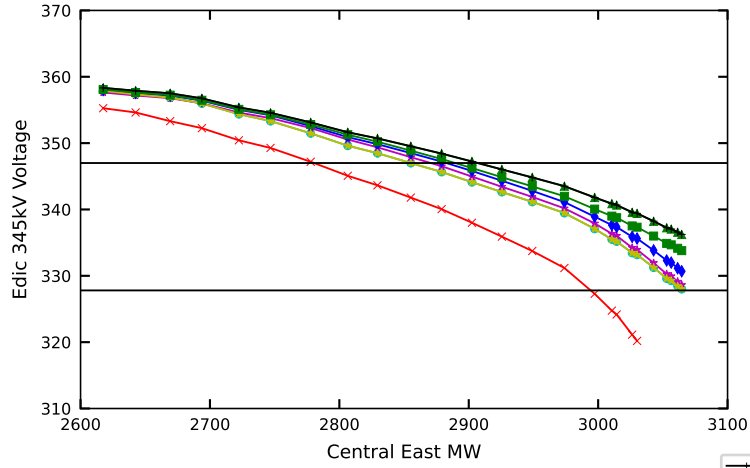
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1: 2023S CEVC PH2 CE2600 MS2270 DE1420 50 RY5714_BYF

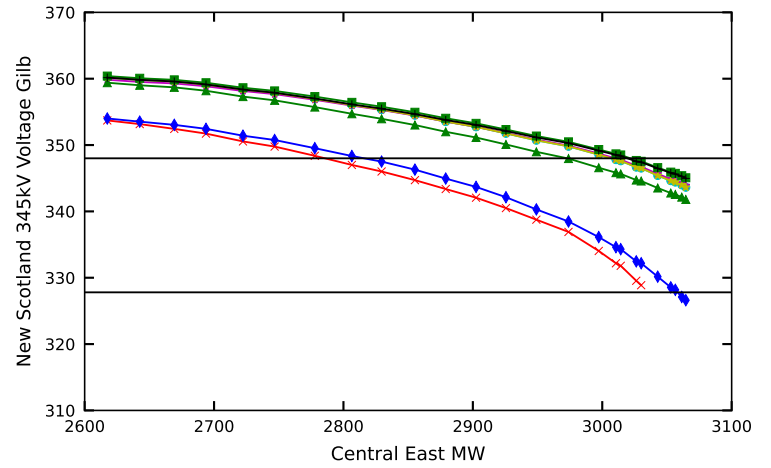
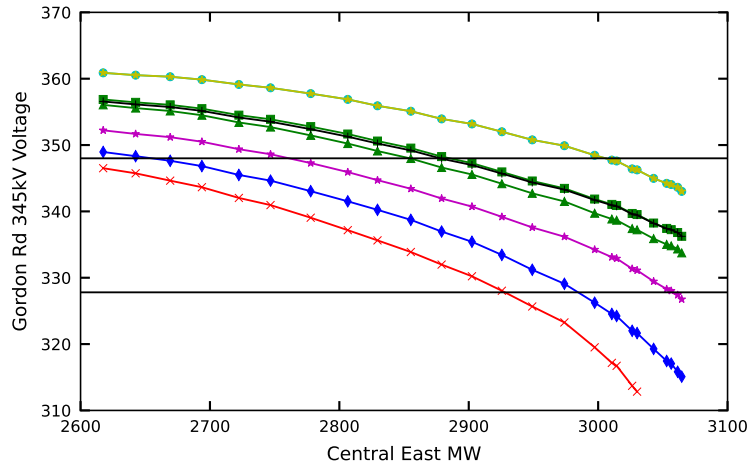
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				<-Post->	<-Pre->	
>E						
99998	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
>E						
99998	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

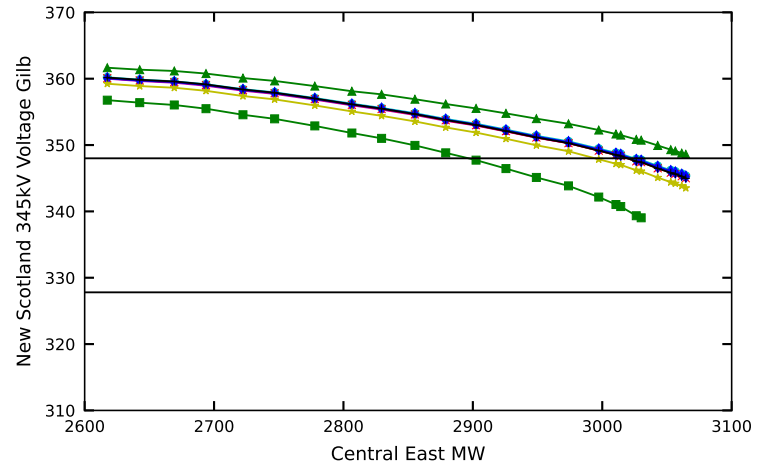
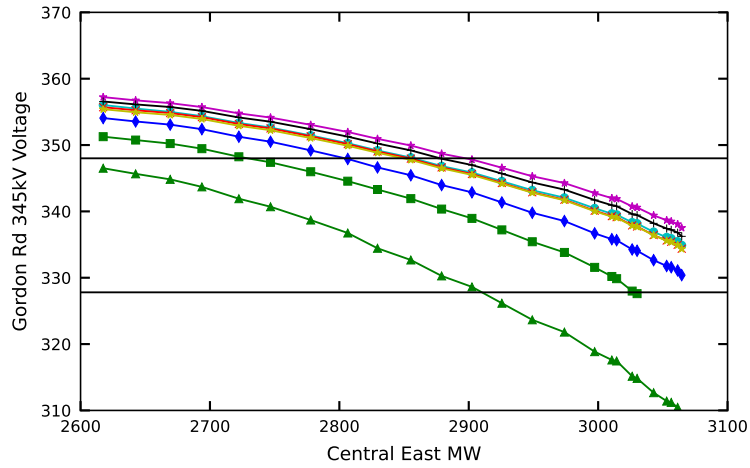
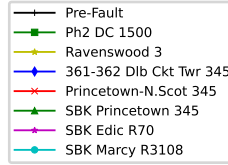
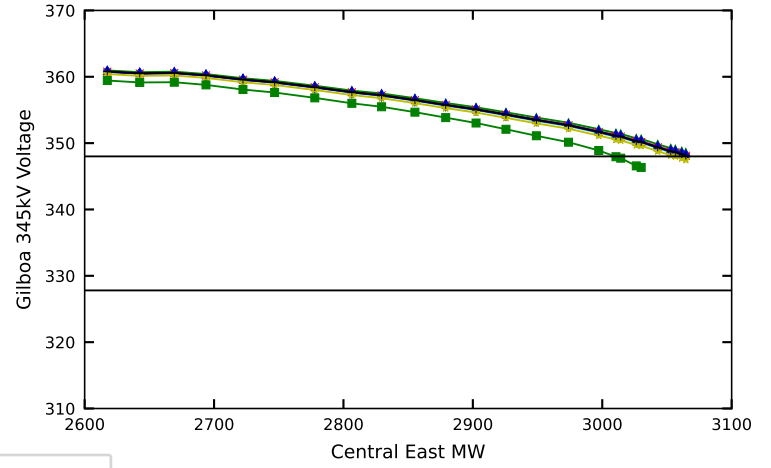
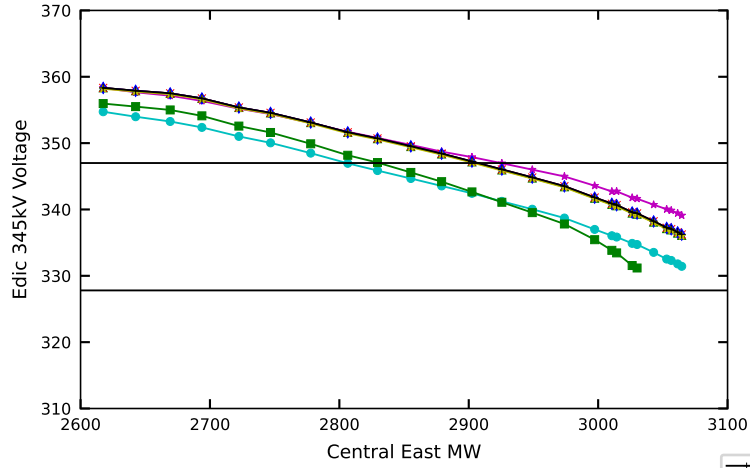
1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BYF Figure 1



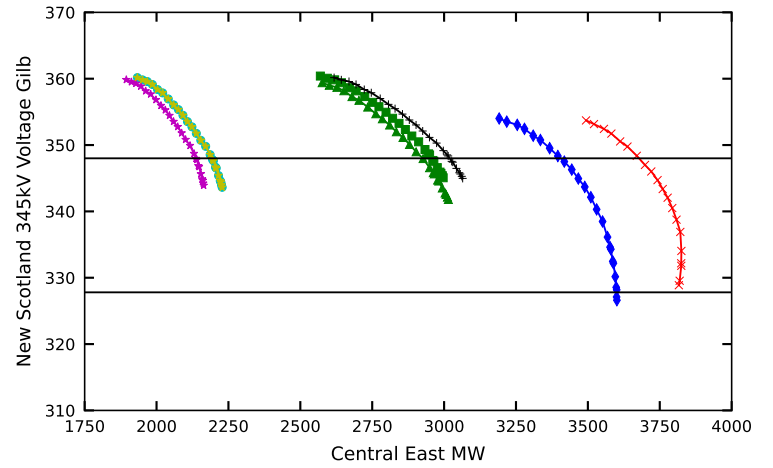
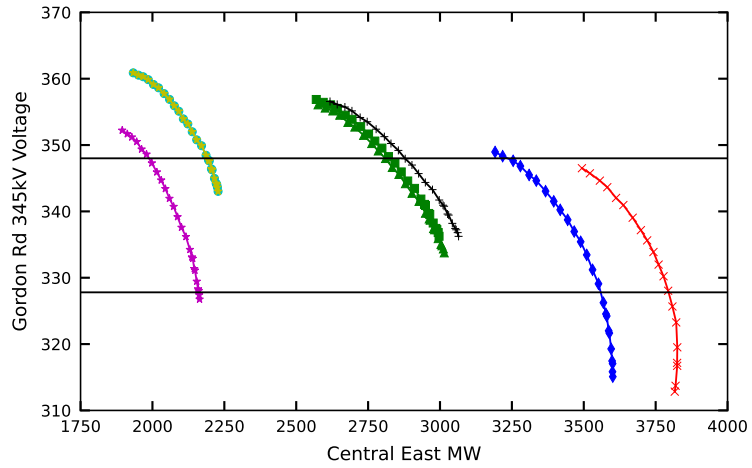
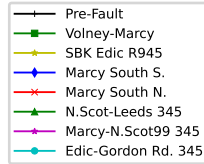
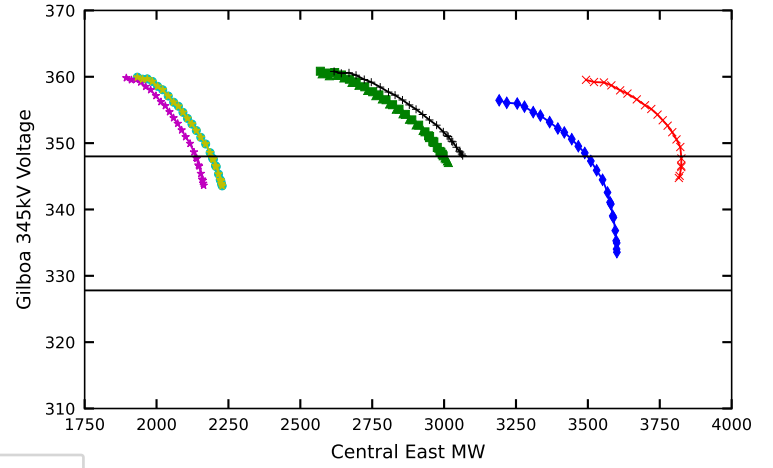
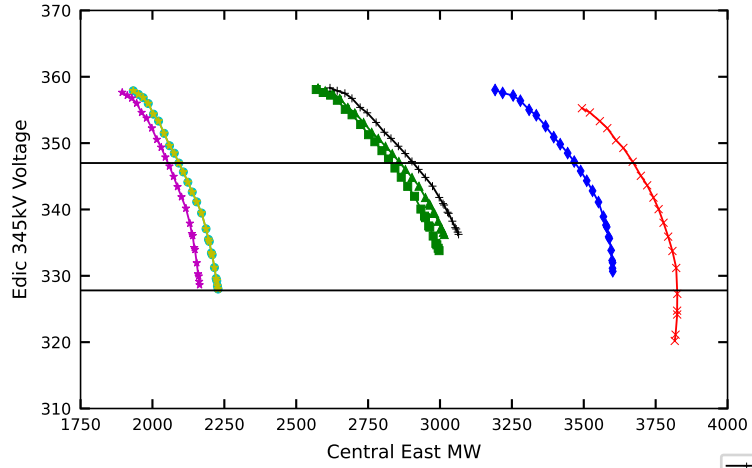
- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



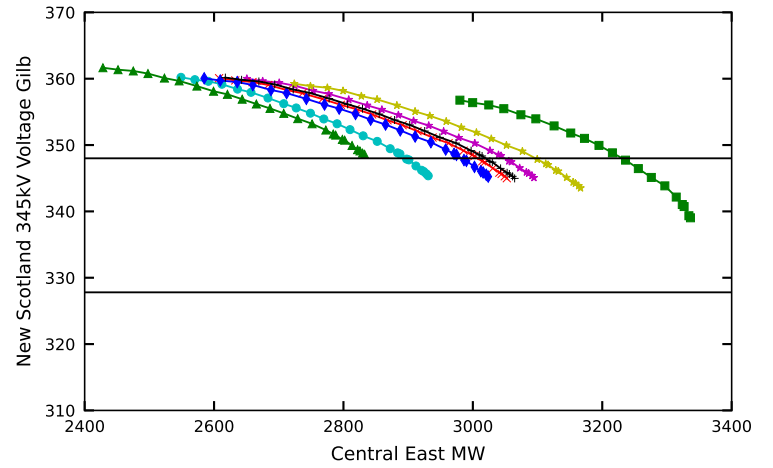
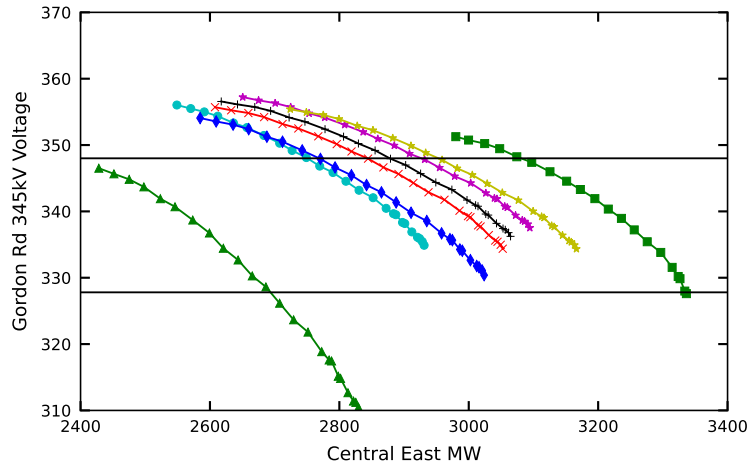
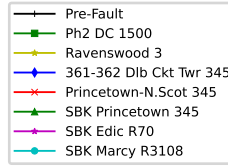
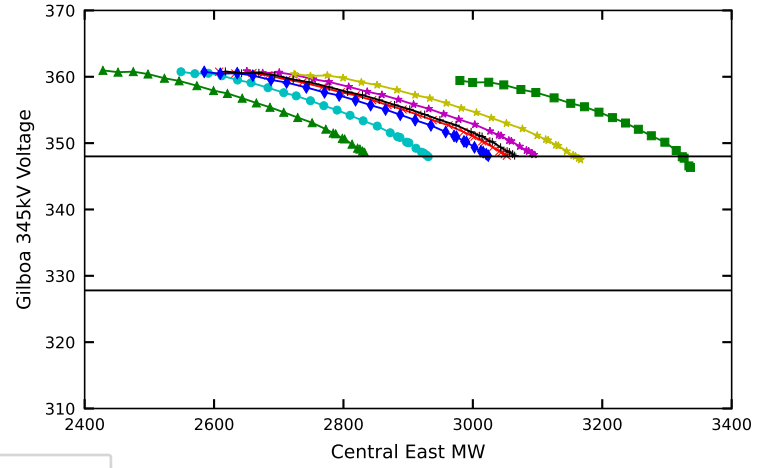
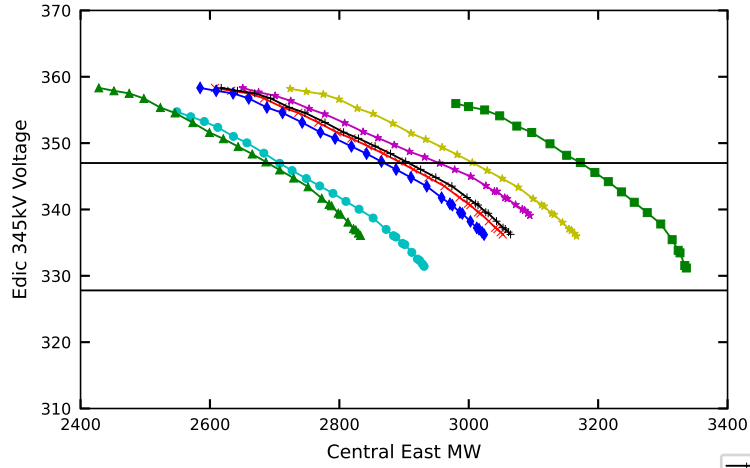
1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BY Figure 2



1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BY Figure 1



1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BY Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 5O RY5715_BYP

Interface: Central East

Transfe r MW	bas e	ce0 1	ce0 2	ce0 3	ce0 7	ce0 8	ce1 1	ce1 3	ce1 5	ce2 0	ce3 0	ce3 1	ce3 2	log0 9	log1 5
2617	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2642	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2669	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2693	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2722	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2746	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2777	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2806	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2829	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2855	t1 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2879	t1 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2902	t1 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2925	t1 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2949	t1 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2973	t1 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2997	t1 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3010	t1 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3014	t1 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3026	t1 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3030	t2 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3042	t2 1	0	0	0	0	2	0	0	0	0	0	0	0	0	1
3052	t2 2	0	0	0	0	2	0	0	0	0	0	0	0	0	1
3056	t2 3	0	0	0	0	2	0	0	0	0	0	0	0	0	1
3061	t2 4	0	0	0	0	2	0	0	0	0	0	0	0	0	1
3064	t2 5	0	0	0	0	2	0	0	0	0	0	0	0	0	1

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-16-2023 17:28

Summary of Transfer Levels and Contingencies

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E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\RY5715_BYP\Sum2023_CEVC_PH2_5O_RY5715_BYP.xlsx

1: 2023S CEVC PH2 CE2610 MS2270 DE1420 5O RY5715_BYP

Interface: Central East

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 5O RY5715_BYP

Interface: Central East

Dlb Ckt																						
Twr 345																						
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																						
wood 3																						
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Ph2 DC																						
1500																						

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
1105 >E	Dunwoodie 345kV Voltage	Pre-Fault	432.5	NA	348	1105
1260 >E	Sprain Brook 345kV Voltage	Pre-Fault	407.0	NA	348	1260
2847	limit with 5% margin	Marcy South N.	NA	NA	NA	3633
2877	Gordon Rd 345kV Voltage	Pre-Fault	19.0	NA	348	2877
2878	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3169
2886	Marcy 345kV Voltage	Pre-Fault	19.4	NA	348	2886
2898	Millwood 345kV Voltage	Pre-Fault	109.2	NA	348	2898
2903	limit with 5% margin	Marcy South S.	NA	NA	NA	3420
2907	Edic 345kV Voltage	Pre-Fault	19.3	NA	347	2907
2910	Gordon Rd 345kV Voltage	SBK Princetown 345	9.4	327.8	346.6	2693
2911	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2116
2911	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	2055
2911	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2864
2911	limit with 5% margin	SBK Edic R945	NA	NA	NA	2116
2911	limit with 5% margin	Volney-Marcy	NA	NA	NA	2846
2911	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2784
2911	limit with 5% margin	SBK Edic R70	NA	NA	NA	2939
2911	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2691
2911	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2899
2911	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2872
2911	limit with 5% margin	Ravenswood 3	NA	NA	NA	3008
2927	Gordon Rd 345kV Voltage	Marcy South N.	9.9	327.8	345.6	3794
2978	Buchanan North 345kV Voltage	Pre-Fault	60.0	NA	346	2978
2984	Gordon Rd 345kV Voltage	Marcy South S.	8.2	327.8	342.6	3558
2994	Edic 345kV Voltage	Marcy South N.	6.0	327.8	342.0	3824
2995	Marcy 345kV Voltage	Marcy South N.	6.0	327.8	341.9	3824
3019	New Scotland 345kV Voltage Alps	Pre-Fault	14.8	NA	348	3019
3019	New Scotland 345kV Voltage Gilb	Pre-Fault	14.8	NA	348	3019
3022 >E	Oakdale 345kV Voltage	Marcy South N.	6.5	320	344.6	3829
3028	Gordon Rd 345kV Voltage	Ph2 DC 1500	9.8	327.8	339.5	3335
3048 >E	New Scotland 345kV Voltage Alps	Marcy South N.	8.2	327.8	346.7	3833
3048 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	8.2	327.8	346.7	3833
3050	Rock Tavern 345kV Voltage	Pre-Fault	16.5	NA	348	3050
3052	Coopers Corners 345kV Voltage	SBK Edic R945	6.3	327.8	339.7	2221
3052	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	6.3	327.8	339.7	2221
3057	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	7.1	327.8	339.5	2161
3058	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	7.9	327.8	337.1	2161
3060 >E	New Scotland 345kV Voltage Alps	Marcy South S.	9.4	327.8	345.4	3601
3060 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	9.4	327.8	345.4	3601
3060	Marcy 345kV Voltage	Edic-Gordon Rd. 345	6.1	327.8	336.5	2225

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3060	Marcy 345kV Voltage	SBK Edic R945	6.0	327.8	336.5	2225
3064 >E	Edic 345kV Voltage	Ph2 DC 1500	10.2	327.8	337.9	3358
3065 >E	Marcy 345kV Voltage	Ph2 DC 1500	10.2	327.8	337.7	3359
3065 >E	Edic 345kV Voltage	Edic-Gordon Rd. 345	6.8	327.8	336.1	2229
3066 >E	Gilboa 345kV Voltage	Pre-Fault	13.4	NA	348	3066
3066 >E	Edic 345kV Voltage	SBK Edic R945	7.0	327.8	336.1	2229
3069 >E	Edic 345kV Voltage	Marcy-N.Scot99 345	6.2	327.8	335.7	2166
3075 >E	Marcy 345kV Voltage	Marcy-N.Scot99 345	6.3	327.8	334.9	2168
3076 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	4.4	327.8	334.2	3034
3078 >E	Fraser 345kV Voltage	Pre-Fault	7.9	NA	338	3078
3079 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	5.6	327.8	337.8	2238
3079 >E	Fraser 345kV Voltage	SBK Edic R945	5.7	327.8	337.8	2238
3079 >E	Coopers Corners 345kV Voltage	Pre-Fault	15.0	NA	338	3079
3080 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	5.4	327.8	337.7	2171
3087 >E	Ramapo 500kV Voltage	Ph2 DC 1500	25.4	500	507.4	3373
3089 >E	Pleasant Valley 345kV Voltage	Pre-Fault	42.6	NA	348	3089
3095 >E	Edic 345kV Voltage	SBK Marcy R3108	8.6	327.8	332.9	2959
3096 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	5.3	327.8	330.6	3046
3097 >E	Station 80 345kV Voltage	Pre-Fault	18.9	NA	346	3097
3099 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	5.2	327.8	330.1	3086
3100 >E	Gordon Rd 345kV Voltage	Ravenswood 3	5.5	327.8	329.8	3200
3102 >E	Edic 345kV Voltage	Marcy South S.	11.0	327.8	334.5	3622
3104 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	5.6	327.8	329.2	2966
3104 >E	Marcy 345kV Voltage	Marcy South S.	10.9	327.8	334.2	3623
3105 >E	Oakdale 345kV Voltage	Pre-Fault	8.4	NA	335	3105
3111 >E	Gordon Rd 345kV Voltage	Volney-Marcy	5.6	327.8	327.9	3041
3115 >E	Pannell Road 345kV Voltage	Pre-Fault	20.1	NA	346	3115
3116 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	5.8	320	333.8	2187
3116 >E	Edic 345kV Voltage	Volney-Marcy	8.7	327.8	330.6	3046
3117 >E	Marcy 345kV Voltage	Volney-Marcy	8.7	327.8	330.4	3046
3118 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	6.1	320	333.5	2266
3119 >E	Gordon Rd 345kV Voltage	SBK Edic R70	5.6	327.8	326.5	3148
3119 >E	Oakdale 345kV Voltage	SBK Edic R945	6.3	320	333.4	2266
3120 >E	Buchanan South 345kV Voltage	Pre-Fault	60.8	NA	346	3120
3121 >E	Clay 345kV Voltage	Marcy South N.	9.3	327.8	348.0	3844
3132 >E	Edic 345kV Voltage	Ravenswood 3	8.3	327.8	328.9	3231
3132 >E	Marcy 345kV Voltage	Ravenswood 3	8.3	327.8	328.7	3231
3135 >E	Gilboa 345kV Voltage	Marcy South S.	11.0	327.8	345.7	3638
3138 >E	Edic 345kV Voltage	SBK Princetown 345	8.9	327.8	328.3	2906
3141 >E	Marcy 345kV Voltage	SBK Marcy R3108	9.3	327.8	327.8	3000

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3141 >E	Marcy 345kV Voltage	SBK Princetown 345	9.3	327.8	327.8	2909
3141 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	9.3	327.8	327.8	3097
3141 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	9.3	327.8	327.8	3090
3141 >E	Marcy 345kV Voltage	SBK Edic R70	9.3	327.8	327.8	3170
3141 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	9.3	327.8	327.8	3128
3141 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	9.2	327.8	327.9	3098
3142 >E	Edic 345kV Voltage	N.Scot-Leeds 345	9.3	327.8	327.9	3091
3142 >E	Edic 345kV Voltage	Princetown-N.Scot 345	9.3	327.8	327.8	3130
3142 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	5.1	327.8	322.3	2283
3143 >E	Gordon Rd 345kV Voltage	SBK Edic R945	5.2	327.8	322.2	2282
3143 >E	Ramapo 500kV Voltage	Ravenswood 3	26.8	500	505.8	3241
3147 >E	Clay 345kV Voltage	Pre-Fault	15.9	NA	345	3147
3156 >E	Coopers Corners 345kV Voltage	Ravenswood 3	12.1	327.8	332.9	3253
3158 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	7.9	327.8	327.8	3107
3158 >E	Fraser 345kV Voltage	Volney-Marcy	7.9	327.8	327.8	3086
3158 >E	Fraser 345kV Voltage	SBK Marcy R3108	7.9	327.8	327.8	3015
3158 >E	Fraser 345kV Voltage	SBK Edic R70	7.9	327.8	327.8	3187
3158 >E	Fraser 345kV Voltage	SBK Princetown 345	7.9	327.8	327.8	2926
3158 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	7.9	327.8	327.8	3145
3158 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	7.9	327.8	327.8	3114
3158 >E	Fraser 345kV Voltage	Ravenswood 3	7.9	327.8	327.8	3255
3166 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	21.8	500	505.2	2210
3167 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	12.2	327.8	343.0	3424
3167 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	12.2	327.8	343.0	3424
3173 >E	Edic 345kV Voltage	SBK Edic R70	9.6	327.8	324.5	3202
3174 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	22.9	500	505.0	2306
3175 >E	Ramapo 500kV Voltage	SBK Edic R945	23.2	500	504.9	2305
3188 >E	Pannell Road 345kV Voltage	Marcy South N.	12.4	327.8	342.3	3855
3190 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	9.0	327.8	332.7	3139
3190 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	9.0	327.8	332.7	3139
3192 >E	Fraser 345kV Voltage	Ph2 DC 1500	11.6	327.8	337.1	3441
3192 >E	Oakdale 345kV Voltage	SBK Marcy R3108	8.0	320	324.7	3046
3201 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	8.7	327.8	331.6	2325
3201 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	8.7	327.8	331.6	2325
3202 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	8.7	327.8	331.4	2323
3202 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	8.7	327.8	331.4	2323
3207 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	14.8	327.8	329.5	2975
3209 >E	Oakdale 345kV Voltage	Ravenswood 3	7.9	320	322.8	3304

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BY

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3209 >E	Station 80 345kV Voltage	Marcy South N.	13.2	327.8	340.1	3858
3211 >E	Coopers Corners 345kV Voltage	Ph2 DC 1500	17.0	327.8	337.6	3453
3212 >E	Oakdale 345kV Voltage	Volney-Marcy	8.5	320	322.4	3137
3216 >E	Oakdale 345kV Voltage	SBK Princetown 345	8.1	320	321.9	2984
3216 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	9.5	327.8	330.0	2233
3216 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	9.5	327.8	330.0	2233
3217 >E	Ramapo 345kV Voltage	Pre-Fault	55.7	NA	346	3217
3217 >E	St.Lawrence 230kV Voltage	Marcy South N.	20.7	218.5	225.0	3860
3219 >E	Coopers Corners 345kV Voltage	SBK Edic R70	15.0	327.8	328.7	3248
3220 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	9.9	327.8	329.7	3314
3220 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	9.9	327.8	329.7	3314
3221 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	14.8	327.8	328.5	3169
3226 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	10.3	327.8	336.0	2343
3227 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	14.9	327.8	328.1	3181
3228 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	8.3	320	320.5	3181
3228 >E	Fraser 345kV Voltage	Marcy South N.	12.6	327.8	327.8	3861
3228 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	10.4	327.8	335.8	2238
3229 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	8.4	320	320.4	3177
3229 >E	Gilboa 345kV Voltage	SBK Edic R945	10.5	327.8	335.8	2341
3229 >E	Leeds 345kV Voltage	Pre-Fault	19.2	NA	345	3229
3231 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	15.0	327.8	327.9	3218
3231 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	8.4	320	320.2	3218
3232 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	9.9	327.8	339.7	2240
3236 >E	Coopers Corners 345kV Voltage	Volney-Marcy	14.9	327.8	327.5	3160
3237 >E	Leeds 345kV Voltage	Marcy South S.	12.9	327.8	348.7	3688
3238 >E	Oakdale 345kV Voltage	Ph2 DC 1500	12.3	320	336.5	3470
3239 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	10.1	327.8	327.9	3163
3239 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	10.1	327.8	327.9	3163
3240 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	10.2	327.8	327.7	3269
3240 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	10.2	327.8	327.7	3269
3242 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	10.8	327.8	339.1	2354
3243 >E	Oakdale 345kV Voltage	SBK Edic R70	8.8	320	318.7	3272
3246 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	10.6	327.8	327.2	3233
3246 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	10.6	327.8	327.2	3233
3247 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	10.4	327.8	327.1	3096
3247 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	10.4	327.8	327.1	3096
3247 >E	Clay 345kV Voltage	SBK Edic R945	11.1	327.8	338.7	2354
3259 >E	Ramapo 500kV Voltage	Marcy South S.	30.5	500	503.9	3699
3260 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr	11.2	327.8	325.8	3212

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\RY5715_BYP\Sum2023_CEVC_PH2_50_RY5715_BYP.xlsx

1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BYP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3260 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	11.2	327.8	325.8	3212
3267 >E	Gilboa 345kV Voltage	Marcy South N.	13.6	327.8	340.1	3868
3273 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	15.5	327.8	325.1	3119
3280 >E	Leeds 345kV Voltage	Marcy South N.	12.2	327.8	348.8	3870
3286 >E	St.Lawrence 230kV Voltage	Pre-Fault	47.3	NA	225	3286
3294 >E	Ladentown 345kV Voltage	Pre-Fault	55.6	NA	346	3294
3303 >E	Fraser 345kV Voltage	Marcy South S.	19.2	327.8	327.8	3720
3311 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	12.8	327.8	329.7	3258
3313 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	14.2	327.8	336.1	2277
3315 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	14.4	327.8	334.5	2278
3323 >E	Gilboa 345kV Voltage	Ravenswood 3	13.1	327.8	328.8	3412
3327 >E	Ramapo 500kV Voltage	SBK Marcy R3108	33.7	500	500.8	3168
3327 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	15.2	327.8	335.4	2414
3328 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	15.2	327.8	333.8	2415
3334 >E	Gilboa 345kV Voltage	SBK Marcy R3108	13.4	327.8	328.0	3174
3334 >E	Station 80 345kV Voltage	SBK Edic R945	15.5	327.8	333.5	2414
3334 >E	Gilboa 345kV Voltage	Volney-Marcy	13.3	327.8	327.9	3254
3334 >E	Pannell Road 345kV Voltage	SBK Edic R945	15.6	327.8	335.1	2414
3337 >E	Ramapo 500kV Voltage	Volney-Marcy	35.3	500	500.5	3257
3337 >E	Gilboa 345kV Voltage	SBK Edic R70	13.4	327.8	327.7	3366
3338 >E	Ramapo 500kV Voltage	SBK Princetown 345	36.1	500	500.5	3106
3338 >E	Clay 345kV Voltage	Ph2 DC 1500	16.4	327.8	344.9	3535
3339 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	13.5	327.8	327.6	3325
3339 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	18.1	327.8	340.7	2289
3340 >E	Gilboa 345kV Voltage	Ph2 DC 1500	16.7	327.8	342.7	3536
3340 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	35.8	500	500.4	3287
3344 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	13.8	327.8	327.2	3294
3346 >E	Clay 345kV Voltage	SBK Marcy R3108	14.5	327.8	332.5	3185
3347 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	18.9	327.8	340.5	2428
3352 >E	Rock Tavern 345kV Voltage	SBK Edic R945	19.2	327.8	340.4	2426
3353 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	36.7	500	500.1	3302
3355 >E	Clay 345kV Voltage	Ravenswood 3	13.4	327.8	331.9	3443
3356 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	36.8	500	500.0	3342
3356 >E	Ramapo 500kV Voltage	Pre-Fault	36.7	NA	500	3356
3356 >E	Ramapo 500kV Voltage	SBK Edic R70	37.0	500	500.0	3384
3368 >E	Roseton 345kV Voltage	Pre-Fault	50.1	NA	345	3368
3383 >E	Clay 345kV Voltage	SBK Princetown 345	14.4	327.8	330.2	3151

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3383 >E	Station 80 345kV Voltage	Ravenswood 3	16.8	327.8	330.9	3469
3384 >E	Gilboa 345kV Voltage	SBK Princetown 345	15.4	327.8	324.2	3152
3387 >E	Somerset 345kV Voltage	Marcy South N.	16.8	327.8	336.7	3887
3390 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	32.2	218.5	222.8	2458
3400 >E	St.Lawrence 230kV Voltage	SBK Edic R945	33.2	218.5	222.6	2460
3403 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	15.2	327.8	328.9	3351
3406 >E	Clay 345kV Voltage	N.Scot-Leeds 345	15.3	327.8	328.7	3353
3409 >E	Pannell Road 345kV Voltage	Ravenswood 3	17.4	327.8	331.4	3495
3410 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	33.1	218.5	222.4	2321
3411 >E	Station 80 345kV Voltage	SBK Marcy R3108	18.2	327.8	329.4	3244
3415 >E	Clay 345kV Voltage	Princetown-N.Scot 345	15.7	327.8	328.2	3402
3420 >E	Clay 345kV Voltage	Volney-Marcy	17.4	327.8	327.8	3336
3422 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	17.2	327.8	309.9	3190
3422 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	17.2	327.8	309.9	3190
3423 >E	Station 80 345kV Voltage	SBK Princetown 345	18.0	327.8	328.8	3191
3432 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	18.4	327.8	328.3	3379
3432 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	19.0	327.8	330.2	3263
3434 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	18.6	327.8	328.2	3380
3438 >E	Bowline 1 345kV Voltage	Pre-Fault	55.6	NA	345	3438
3439 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	18.8	327.8	328.0	3425
3444 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	23.4	327.8	341.6	3603
3446 >E	Pleasant Valley 345kV Voltage	Marcy South S.	26.8	327.8	341.6	3790
3446 >E	Clay 345kV Voltage	Marcy South S.	18.9	327.8	338.4	3790
3448 >E	Station 80 345kV Voltage	Volney-Marcy	19.9	327.8	327.4	3363
3452 >E	Pannell Road 345kV Voltage	SBK Princetown 345	18.9	327.8	329.2	3220
3459 >E	Oakdale 345kV Voltage	Marcy South S.	18.4	320	321.7	3796
3460 >E	Buchanan North 345kV Voltage	Ravenswood 3	37.6	327.8	337.5	3543
3461 >E	Rock Tavern 345kV Voltage	Ravenswood 3	25.3	327.8	337.7	3543
3463 >E	Bowline 2 345kV Voltage	Pre-Fault	55.4	NA	345	3463
3467 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	19.5	327.8	328.5	3412
3470 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	19.6	327.8	328.3	3416
3475 >E	Pleasant Valley 345kV Voltage	Marcy South N.	23.9	327.8	340.9	3901
3476 >E	Station 80 345kV Voltage	SBK Edic R70	20.5	327.8	326.0	3504
3477 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	19.9	327.8	328.0	3463
3479 >E	Station 80 345kV Voltage	Ph2 DC 1500	26.4	327.8	340.6	3626
3484 >E	Watercure 230kV Voltage	Marcy South N.	30.3	207	231.6	3902
3489 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	42.4	218.5	220.7	3315
3489 >E	Pannell Road 345kV Voltage	Volney-Marcy	21.5	327.8	327.4	3402

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3497 >E	Clay 345kV Voltage	SBK Edic R70	18.7	327.8	323.0	3524
3501 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	47.3	218.5	225.9	3640
3507 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	30.2	327.8	336.6	2365
3512 >E	Coopers Corners 345kV Voltage	Marcy South N.	19.3	327.8	312.2	3907
3514 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	31.0	327.8	336.5	2547
3516 >E	St.Lawrence 230kV Voltage	Volney-Marcy	43.1	218.5	220.1	3428
3519 >E	St.Lawrence 230kV Voltage	Ravenswood 3	42.0	218.5	220.1	3599
3520 >E	Buchanan North 345kV Voltage	SBK Edic R945	31.4	327.8	336.4	2543
3521 >E	Sprain Brook 345kV Voltage	Ravenswood 3	55.1	327.8	337.5	3600
3524 >E	Dunwoodie 345kV Voltage	Ravenswood 3	56.2	327.8	337.4	3603
3528 >E	Ramapo 500kV Voltage	Marcy South N.	70.4	500	506.1	3909
3534 >E	Pannell Road 345kV Voltage	SBK Edic R70	22.4	327.8	325.1	3561
3541 >E	Leeds 345kV Voltage	Ph2 DC 1500	20.1	327.8	347.3	3666
3560 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	19.2	327.8	327.8	3504
3560 >E	Leeds 345kV Voltage	SBK Edic R945	19.2	327.8	327.8	2570
3560 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	19.2	327.8	327.8	3545
3560 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	19.2	327.8	327.8	3502
3560 >E	Leeds 345kV Voltage	Ravenswood 3	19.2	327.8	327.8	3637
3560 >E	Leeds 345kV Voltage	Volney-Marcy	19.2	327.8	327.8	3469
3560 >E	Leeds 345kV Voltage	SBK Edic R70	19.2	327.8	327.8	3586
3560 >E	Leeds 345kV Voltage	SBK Princetown 345	19.2	327.8	327.8	3328
3560 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	19.2	327.8	327.8	2579
3560 >E	Leeds 345kV Voltage	SBK Marcy R3108	19.2	327.8	327.8	3378
3560 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	19.2	327.8	327.8	2389
3562 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	27.0	327.8	339.8	2390
3565 >E	Niagara 345kV Voltage	Marcy South N.	19.6	327.8	333.2	3915
3576 >E	Millwood 345kV Voltage	Ravenswood 3	45.6	327.8	337.6	3653
3576 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	28.0	327.8	339.6	2591
3583 >E	Ramapo 345kV Voltage	SBK Edic R945	28.4	327.8	339.4	2586
3594 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	47.3	218.5	218.5	3579
3594 >E	Somerset 345kV Voltage	Pre-Fault	35.1	NA	338	3594
3595 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	47.3	218.5	218.5	3536
3596 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	47.4	218.5	218.5	3540
3598 >E	Buchanan South 345kV Voltage	Ravenswood 3	41.0	327.8	338.2	3673
3598 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	47.2	218.5	218.4	3366
3607 >E	Pannell Road 345kV Voltage	Marcy South S.	27.5	327.8	334.4	3869
3608 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	38.0	327.8	341.7	3710
3625 >E	Ramapo 345kV Voltage	Ravenswood 3	35.0	327.8	338.7	3699
3630 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	28.1	327.8	339.9	2421

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3632 >E	Watercure 230kV Voltage	Ph2 DC 1500	28.3	207	222.4	3725
3643 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	28.9	327.8	339.7	2638
3643 >E	St.Lawrence 230kV Voltage	SBK Edic R70	51.5	218.5	217.5	3669
3651 >E	Ladentown 345kV Voltage	SBK Edic R945	29.3	327.8	339.6	2633
3666 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	33.6	327.8	337.0	2437
3666 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	32.8	327.8	344.2	3747
3667 >E	Station 80 345kV Voltage	Marcy South S.	31.0	327.8	333.1	3898
3669 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	34.1	327.8	337.0	2656
3669 >E	Ladentown 345kV Voltage	Ravenswood 3	35.7	327.8	339.2	3742
3671 >E	St.Lawrence 230kV Voltage	Marcy South S.	55.7	218.5	222.4	3900
3672 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	27.9	327.8	340.8	2440
3676 >E	Buchanan South 345kV Voltage	SBK Edic R945	34.4	327.8	336.9	2650
3677 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	32.4	327.8	345.4	3754
3685 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	27.9	327.8	341.0	2446
3686 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	28.8	327.8	340.5	2669
3695 >E	Bowline 1 345kV Voltage	SBK Edic R945	29.2	327.8	340.4	2663
3700 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	28.8	327.8	340.7	2678
3705 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	38.3	327.8	335.7	2682
3706 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	36.9	327.8	333.5	3777
3708 >E	Bowline 2 345kV Voltage	SBK Edic R945	29.2	327.8	340.6	2672
3711 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	38.2	327.8	335.6	2458
3712 >E	Millwood 345kV Voltage	SBK Edic R945	38.7	327.8	335.6	2675
3721 >E	Somerset 345kV Voltage	Marcy-N.Scot99 345	27.3	327.8	334.4	2462
3724 >E	Bowline 1 345kV Voltage	Ravenswood 3	35.6	327.8	339.9	3794
3739 >E	Dunwoodie 345kV Voltage	Marcy South N.	45.4	327.8	333.6	3943
3740 >E	Bowline 2 345kV Voltage	Ravenswood 3	35.6	327.8	340.0	3809
3740 >E	Millwood 345kV Voltage	Marcy South N.	39.3	327.8	334.9	3943
3745 >E	Sprain Brook 345kV Voltage	Marcy South N.	45.4	327.8	333.6	3943
3746 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	32.6	327.8	332.6	2711
3747 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	47.0	327.8	334.7	2712
3747 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	39.3	327.8	344.4	3799
3750 >E	Millwood 345kV Voltage	Ph2 DC 1500	42.1	327.8	343.6	3801
3751 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	32.8	327.8	332.5	2702
3751 >E	Ramapo 345kV Voltage	Ph2 DC 1500	36.8	327.8	345.2	3802
3755 >E	Sprain Brook 345kV Voltage	SBK Edic R945	47.6	327.8	334.6	2704
3756 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	47.0	327.8	334.6	2478
3757 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	47.9	327.8	334.6	2719
3759 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	31.4	327.8	337.2	2479
3759 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	28.9	327.8	333.3	2720
3759 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	31.7	327.8	337.2	2721
3765 >E	Dunwoodie 345kV Voltage	SBK Edic R945	48.5	327.8	334.6	2712

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3766 >E	Roseton 345kV Voltage	SBK Edic R945	32.0	327.8	337.1	2712
3768 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	48.0	327.8	334.5	2484
3772 >E	Roseton 345kV Voltage	Marcy South N.	31.3	327.8	338.2	3948
3774 >E	Somerset 345kV Voltage	SBK Edic R945	29.5	327.8	332.9	2718
3779 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	33.7	327.8	331.8	2489
3789 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	50.9	327.8	341.8	3827
3798 >E	Ladentown 345kV Voltage	Ph2 DC 1500	36.6	327.8	346.4	3832
3799 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	51.7	327.8	341.8	3833
3822 >E	Somerset 345kV Voltage	Ravenswood 3	31.0	327.8	331.5	3887
3825 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	39.0	327.8	328.6	3766
3839 >E	Roseton 345kV Voltage	Ravenswood 3	38.4	327.8	335.6	3903
3841 >E	Buchanan North 345kV Voltage	Marcy South N.	44.2	327.8	331.6	3959
3842 >E	Rock Tavern 345kV Voltage	Marcy South N.	32.4	327.8	326.2	3959
3847 >E	Rock Tavern 345kV Voltage	SBK Edic R70	40.2	327.8	328.1	3872
3849 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	40.5	327.8	328.0	3617
3850 >E	Millwood 345kV Voltage	Marcy South S.	47.8	327.8	337.0	3987
3855 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	36.5	327.8	347.7	3869
3857 >E	Buchanan South 345kV Voltage	Marcy South N.	41.1	327.8	334.1	3961
3858 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	40.3	327.8	327.8	3791
3858 >E	Rock Tavern 345kV Voltage	Volney-Marcy	39.6	327.8	327.8	3753
3860 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	40.3	327.8	327.7	3845
3866 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	38.7	327.8	327.6	3655
3871 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	36.5	327.8	348.1	3879
3890 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	40.3	327.8	329.2	3831
3908 >E	Dunwoodie 345kV Voltage	Marcy South S.	59.3	327.8	335.9	4015
3909 >E	Sprain Brook 345kV Voltage	Marcy South S.	58.7	327.8	335.8	4016
3919 >E	Somerset 345kV Voltage	SBK Princetown 345	33.8	327.8	328.7	3687
3930 >E	Roseton 345kV Voltage	Ph2 DC 1500	39.4	327.8	347.0	3917
3933 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	34.4	327.8	328.3	3863
3937 >E	Somerset 345kV Voltage	SBK Marcy R3108	34.7	327.8	328.2	3719
3938 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	34.6	327.8	328.2	3879
3943 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	42.4	327.8	327.9	3967
3947 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	34.9	327.8	328.0	3931
3952 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	42.3	327.8	327.7	3843
3960 >E	Roseton 345kV Voltage	Marcy South S.	41.2	327.8	339.4	4041
3963 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	54.9	327.8	328.7	3903
3964 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	43.3	327.8	327.5	3948
3969 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	42.6	327.8	327.3	3748
3973 >E	Buchanan South 345kV Voltage	Marcy South S.	47.5	327.8	336.6	4047

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3974 >E	Buchanan North 345kV Voltage	Marcy South S.	49.5	327.8	333.5	4047
3978 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	53.6	327.8	328.4	3756
3983 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	44.1	327.8	327.0	3912
3994 >E	Somerset 345kV Voltage	Volney-Marcy	37.1	327.8	326.6	3884
3999 >E	Buchanan North 345kV Voltage	Volney-Marcy	55.9	327.8	328.1	3888
4008 >E	Buchanan North 345kV Voltage	SBK Edic R70	57.4	327.8	327.9	4032
4011 >E	Niagara 230kV East Voltage	Marcy South N.	67.7	218.5	222.3	3986
4011 >E	Niagara 230kV West Voltage	Marcy South N.	67.7	218.5	222.3	3986
4016 >E	Somerset 345kV Voltage	SBK Edic R70	37.7	327.8	326.0	4039
4021 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	57.8	327.8	327.7	4004
4023 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	58.0	327.8	327.6	3951
4037 >E	Somerset 345kV Voltage	Ph2 DC 1500	44.1	327.8	342.0	3986
4038 >E	Buchanan North 345kV Voltage	SBK Princetown 345	58.7	327.8	327.4	3806
4093 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	48.0	327.8	324.4	3861
4115 >E	Ramapo 345kV Voltage	Marcy South N.	46.4	327.8	330.4	4002
4151 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	62.4	327.8	328.9	4089
4158 >E	Ladentown 345kV Voltage	Marcy South N.	46.3	327.8	331.3	4009
4159 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	57.8	327.8	328.9	4097
4165 >E	Ramapo 345kV Voltage	SBK Marcy R3108	51.2	327.8	329.0	3925
4174 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	53.5	327.8	328.8	4112
4178 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	48.2	327.8	328.8	4116
4193 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	57.5	327.8	328.4	3950
4207 >E	Ramapo 345kV Voltage	Volney-Marcy	54.2	327.8	328.2	4087
4208 >E	Millwood 345kV Voltage	SBK Marcy R3108	63.2	327.8	328.1	3964
4212 >E	Buchanan South 345kV Voltage	Volney-Marcy	59.4	327.8	328.0	4091
4216 >E	Millwood 345kV Voltage	Volney-Marcy	64.7	327.8	328.0	4095
4218 >E	Millwood 345kV Voltage	SBK Edic R70	66.0	327.8	327.9	4240
4220 >E	Buchanan South 345kV Voltage	SBK Edic R70	60.8	327.8	327.9	4242
4222 >E	Roseton 345kV Voltage	SBK Edic R70	50.0	327.8	328.0	4244
4225 >E	Ramapo 345kV Voltage	SBK Edic R70	55.8	327.8	327.9	4247
4228 >E	Roseton 345kV Voltage	Volney-Marcy	49.6	327.8	327.8	4106
4236 >E	Bowline 1 345kV Voltage	Marcy South N.	46.3	327.8	331.5	4021
4237 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	56.0	327.8	327.7	4219
4237 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	56.1	327.8	327.7	4157
4237 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	78.0	327.8	328.8	4174
4238 >E	Roseton 345kV Voltage	SBK Marcy R3108	49.4	327.8	327.6	3991
4239 >E	Ramapo 345kV Voltage	SBK Princetown 345	56.4	327.8	327.6	4007
4239 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	61.4	327.8	327.6	4222

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4240 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	50.5	327.8	327.6	4223
4240 >E	Watercure 230kV Voltage	Marcy South S.	43.8	207	206.9	4177
4241 >E	Ladentown 345kV Voltage	SBK Marcy R3108	51.5	327.8	329.0	3993
4242 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	66.9	327.8	327.6	4224
4242 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	53.2	327.8	328.9	4179
4248 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr 345	50.9	327.8	327.4	4168
4249 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	61.9	327.8	327.4	4168
4250 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	79.4	327.8	328.8	4187
4256 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	67.7	327.8	327.4	4175
4263 >E	Ladentown 345kV Voltage	Marcy South S.	48.9	327.8	335.8	4189
4282 >E	Ladentown 345kV Voltage	Volney-Marcy	54.2	327.8	328.2	4158
4289 >E	Ramapo 345kV Voltage	Marcy South S.	51.1	327.8	334.5	4201
4291 >E	Roseton 345kV Voltage	SBK Princetown 345	52.4	327.8	326.6	4059
4295 >E	Buchanan South 345kV Voltage	SBK Princetown 345	63.8	327.8	326.7	4063
4299 >E	Ladentown 345kV Voltage	SBK Edic R70	55.6	327.8	327.9	4321
4303 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	79.2	327.8	328.0	4049
4310 >E	Sprain Brook 345kV Voltage	SBK Edic R70	82.6	327.8	327.9	4332
4311 >E	Sprain Brook 345kV Voltage	Volney-Marcy	81.1	327.8	327.9	4185
4313 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	56.0	327.8	327.7	4295
4315 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	56.1	327.8	327.6	4233
4320 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	80.9	327.8	328.0	4065
4320 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	51.4	327.8	329.1	4066
4325 >E	Dunwoodie 345kV Voltage	SBK Edic R70	84.2	327.8	327.9	4347
4326 >E	Dunwoodie 345kV Voltage	Volney-Marcy	82.6	327.8	327.9	4200
4327 >E	Millwood 345kV Voltage	SBK Princetown 345	70.7	327.8	326.3	4095
4328 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	53.2	327.8	329.0	4264
4331 >E	Ladentown 345kV Voltage	SBK Princetown 345	56.8	327.8	327.3	4099
4339 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	84.0	327.8	327.6	4321
4343 >E	Bowline 1 345kV Voltage	Marcy South S.	48.9	327.8	336.4	4228
4344 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	51.3	327.8	329.1	4087
4350 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	53.1	327.8	329.0	4286
4355 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	84.9	327.8	327.4	4271
4356 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	85.7	327.8	327.6	4338
4363 >E	Bowline 2 345kV Voltage	Marcy South N.	50.2	327.8	329.7	4042
4365 >E	Bowline 2 345kV Voltage	Marcy South S.	48.8	327.8	336.6	4238
4368 >E	Bowline 1 345kV Voltage	Volney-Marcy	54.1	327.8	328.3	4240

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BY

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4372 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	86.6	327.8	327.4	4288
4387 >E	Bowline 1 345kV Voltage	SBK Edic R70	55.6	327.8	327.9	4409
4392 >E	Bowline 2 345kV Voltage	Volney-Marcy	54.0	327.8	328.3	4262
4403 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	55.9	327.8	327.6	4384
4405 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	56.1	327.8	327.6	4320
4412 >E	Bowline 2 345kV Voltage	SBK Edic R70	55.6	327.8	327.9	4433
4421 >E	Bowline 1 345kV Voltage	SBK Princetown 345	56.7	327.8	327.3	4189
4427 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	55.9	327.8	327.6	4409
4429 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	56.0	327.8	327.6	4343
4431 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	88.6	327.8	326.5	4199
4445 >E	Bowline 2 345kV Voltage	SBK Princetown 345	56.7	327.8	327.3	4213
4451 >E	Somerset 345kV Voltage	Marcy South S.	55.2	327.8	332.5	4280
4453 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	90.5	327.8	326.4	4221
4514 >E	Niagara 345kV Voltage	Pre-Fault	72.9	NA	338	4514
4626 >E	Rock Tavern 345kV Voltage	Marcy South S.	57.3	327.8	325.7	4366
4763 >E	Niagara 345kV Voltage	Marcy-N.Scot99 345	57.6	327.8	334.6	2937
4806 >E	Niagara 230kV East Voltage	Pre-Fault	191.5	NA	225	4806
4806 >E	Niagara 230kV West Voltage	Pre-Fault	191.5	NA	225	4806
4866 >E	Niagara 345kV Voltage	Edic-Gordon Rd. 345	61.0	327.8	333.2	3506
4906 >E	Niagara 345kV Voltage	SBK Edic R945	62.3	327.8	332.6	3499
4960 >E	Niagara 345kV Voltage	Ravenswood 3	64.3	327.8	331.9	4970
5192 >E	Niagara 345kV Voltage	SBK Princetown 345	70.7	327.8	328.7	4960
5216 >E	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	71.5	327.8	328.4	5104
5229 >E	Niagara 345kV Voltage	N.Scot-Leeds 345	71.9	327.8	328.2	5154
5247 >E	Niagara 345kV Voltage	Princetown-N.Scot 345	72.6	327.8	327.9	5224
5285 >E	Niagara 345kV Voltage	SBK Marcy R3108	73.6	327.8	327.4	4937
5325 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	147.5	218.5	222.3	3192
5325 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	147.5	218.5	222.3	3192
5384 >E	Niagara 345kV Voltage	Volney-Marcy	77.2	327.8	326.1	5209
5394 >E	Niagara 345kV Voltage	Ph2 DC 1500	83.0	327.8	343.0	4863
5399 >E	Niagara 345kV Voltage	SBK Edic R70	77.8	327.8	325.9	5414
5464 >E	Coopers Corners 345kV Voltage	Marcy South S.	65.1	327.8	260.8	4774
5470 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	156.8	218.5	221.5	3933
5470 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	156.8	218.5	221.5	3933
5532 >E	Niagara 230kV East Voltage	SBK Edic R945	160.8	218.5	221.2	3931
5532 >E	Niagara 230kV West Voltage	SBK Edic R945	160.8	218.5	221.2	3931
5595 >E	Rainey 345kV Voltage	Ravenswood 3	129.4	327.8	344.1	5574

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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5632 >E	Niagara 230kV East Voltage	Ravenswood 3	167.4	218.5	220.7	5609
5632 >E	Niagara 230kV West Voltage	Ravenswood 3	167.4	218.5	220.7	5609
5716 >E	Farragut 345kV Voltage	Ravenswood 3	134.6	327.8	343.4	5689
5904 >E	Niagara 230kV East Voltage	Ph2 DC 1500	193.3	218.5	226.5	5192
5904 >E	Niagara 230kV West Voltage	Ph2 DC 1500	193.3	218.5	226.5	5192
5966 >E	Niagara 230kV East Voltage	SBK Princetown 345	186.1	218.5	218.9	5734
5966 >E	Niagara 230kV West Voltage	SBK Princetown 345	186.1	218.5	218.9	5734
5988 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	187.5	218.5	218.8	5850
5988 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	187.5	218.5	218.8	5850
6007 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	188.7	218.5	218.7	5924
6007 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	188.7	218.5	218.7	5924
6031 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	190.2	218.5	218.6	6005
6031 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	190.2	218.5	218.6	6005
6106 >E	Niagara 230kV East Voltage	SBK Marcy R3108	194.5	218.5	218.2	5678
6106 >E	Niagara 230kV West Voltage	SBK Marcy R3108	194.5	218.5	218.2	5678
6114 >E	Gardenville 230kV Voltage	Marcy South N.	118.7	207	226.3	4320
6236 >E	Niagara 230kV East Voltage	Volney-Marcy	203.6	218.5	217.5	6022
6236 >E	Niagara 230kV West Voltage	Volney-Marcy	203.6	218.5	217.5	6022
6254 >E	Niagara 230kV East Voltage	SBK Edic R70	205.0	218.5	217.4	6264
6254 >E	Niagara 230kV West Voltage	SBK Edic R70	205.0	218.5	217.4	6264
6314 >E	Niagara 345kV Voltage	Marcy South S.	108.1	327.8	332.0	5189
6702 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	140.3	327.8	339.9	3818
6718 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	141.2	327.8	339.8	4819
6726 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	144.0	327.8	339.7	3829
6736 >E	Rainey 345kV Voltage	Ph2 DC 1500	143.0	327.8	351.2	5729
6739 >E	Goethals 345kV Voltage	Ravenswood 3	174.2	327.8	343.2	6661
6743 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	145.0	327.8	339.6	4836
6748 >E	Farragut 345kV Voltage	Ph2 DC 1500	146.4	327.8	350.7	5737
6763 >E	Rainey 345kV Voltage	SBK Edic R945	143.0	327.8	339.6	4782
6790 >E	Rainey 345kV Voltage	Marcy South N.	143.1	327.8	337.8	4427
6790 >E	Farragut 345kV Voltage	SBK Edic R945	146.9	327.8	339.4	4800
6847 >E	Farragut 345kV Voltage	Marcy South N.	148.2	327.8	337.6	4436
7117 >E	Niagara 230kV East Voltage	Marcy South S.	260.4	218.5	220.6	5581
7117 >E	Niagara 230kV West Voltage	Marcy South S.	260.4	218.5	220.6	5581
7169 >E	Farragut 345kV Voltage	Pre-Fault	267.1	NA	338	7169
7187 >E	Rainey 345kV Voltage	Pre-Fault	259.7	NA	338	7187
7352 >E	Gardenville 230kV Voltage	Ph2 DC 1500	156.4	207	225.2	6127
7444 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	158.5	207	221.1	4156
7581 >E	Rainey 345kV Voltage	Marcy South S.	174.9	327.8	341.5	5807

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Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
7604 >E	Farragut 345kV Voltage	Marcy South S.	179.2	327.8	341.3	5818
7657 >E	Goethals 345kV Voltage	Ph2 DC 1500	183.4	327.8	351.1	6324
7793 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	187.1	327.8	340.4	4315
7863 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	190.2	327.8	340.2	5631
7917 >E	Goethals 345kV Voltage	SBK Edic R945	192.4	327.8	340.0	5578
7959 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	177.3	207	219.5	5699
8106 >E	Goethals 345kV Voltage	Marcy South N.	198.9	327.8	337.9	4636
8211 >E	Gardenville 230kV Voltage	SBK Edic R945	186.4	207	218.6	5781
8674 >E	Goethals 345kV Voltage	Pre-Fault	369.5	NA	338	8674
8711 >E	Gardenville 230kV Voltage	Pre-Fault	306.4	NA	217	8711
8982 >E	Goethals 345kV Voltage	Marcy South S.	234.9	327.8	341.9	6490
9410 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	243.7	327.8	329.4	9289
9454 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	250.2	327.8	329.4	9332
9472 >E	Rainey 345kV Voltage	SBK Marcy R3108	244.3	327.8	329.2	8719
9515 >E	Farragut 345kV Voltage	SBK Marcy R3108	250.9	327.8	329.2	8758
9555 >E	Gardenville 230kV Voltage	Ravenswood 3	230.1	207	214.2	9341
9622 >E	Rainey 345kV Voltage	Volney-Marcy	250.9	327.8	328.6	9251
9672 >E	Farragut 345kV Voltage	Volney-Marcy	257.8	327.8	328.6	9299
9812 >E	Rainey 345kV Voltage	SBK Edic R70	259.1	327.8	327.9	9800
9832 >E	Gardenville 230kV Voltage	Marcy South S.	242.3	207	213.3	6905
9887 >E	Farragut 345kV Voltage	SBK Edic R70	267.1	327.8	327.8	9875
9923 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	263.0	327.8	327.5	9878
10002 >E	Farragut 345kV Voltage	Princetown-N.Scot 345	271.3	327.8	327.4	9958
10014 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	266.4	327.8	327.1	9742
10060 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	273.5	327.8	327.2	9787
10220 >E	Rainey 345kV Voltage	SBK Princetown 345	273.5	327.8	326.3	9988
10272 >E	Farragut 345kV Voltage	SBK Princetown 345	280.9	327.8	326.4	10040
11161 >E	Gardenville 230kV Voltage	SBK Princetown 345	286.0	207	209.0	10928
11350 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	291.7	207	208.4	11034
11403 >E	Gardenville 230kV Voltage	SBK Marcy R3108	295.0	207	208.2	10464
11479 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	296.3	207	208.0	11334
11645 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	301.9	207	207.4	11593

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BYF

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
>E						
11738	Goethals 345kV Voltage	SBK Marcy R3108	340.3	327.8	329.7	10766
>E						
11806	Goethals 345kV Voltage	N.Scot-Leeds 345	344.8	327.8	329.5	11657
>E						
12043	Goethals 345kV Voltage	Volney-Marcy	353.1	327.8	328.9	11561
>E						
12436	Goethals 345kV Voltage	SBK Edic R70	369.5	327.8	327.8	12407
>E						
12580	Goethals 345kV Voltage	Princetown-N.Scot 345	374.9	327.8	327.4	12523
>E						
12652	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	377.7	327.8	327.2	12293
>E						
12677	Gardenville 230kV Voltage	Volney-Marcy	339.7	207	204.1	12165
>E						
12854	Goethals 345kV Voltage	SBK Princetown 345	384.7	327.8	326.7	12621
>E						
13150	Gardenville 230kV Voltage	SBK Edic R70	354.9	207	202.5	13117
>E						
15377	Northport 138kV Voltage	Ph2 DC 1500	976.9	131.1	144.6	11309
>E						
17954	Northport 138kV Voltage	Marcy South N.	1176.0	131.1	135.2	6200
>E						
21433	Northport 138kV Voltage	Edic-Gordon Rd. 345	1452.1	131.1	138.1	15252
>E						
21444	Northport 138kV Voltage	Marcy-N.Scot99 345	1452.1	131.1	138.1	10526
>E						
21563	Northport 138kV Voltage	SBK Edic R945	1462.4	131.1	138.0	14998
>E						
30766	Northport 138kV Voltage	Ravenswood 3	2241.4	131.1	135.2	29519
>E						
31299	Northport 138kV Voltage	Pre-Fault	3221.9	NA	135	31299
>E						
35713	Northport 138kV Voltage	Marcy South S.	2586.0	131.1	138.0	19529
>E						
40423	Northport 138kV Voltage	SBK Marcy R3108	2945.8	131.1	132.2	36679
>E						
41450	Northport 138kV Voltage	N.Scot-Leeds 345	3032.4	131.1	131.8	40966
>E						
41491	Northport 138kV Voltage	Volney-Marcy	3032.4	131.1	131.8	39649
>E						

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

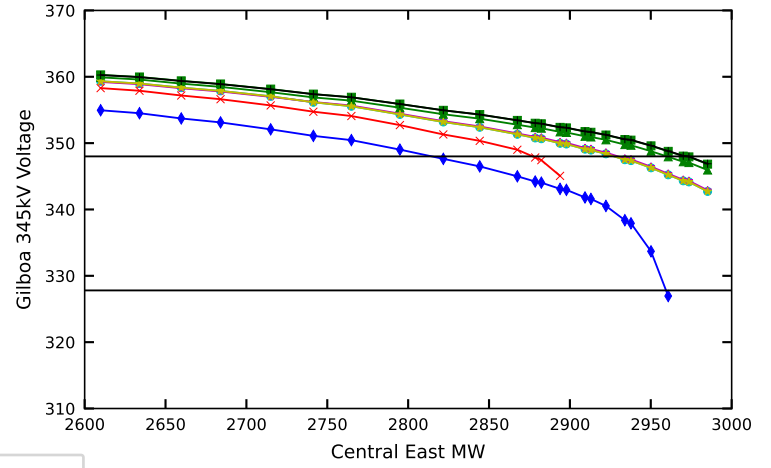
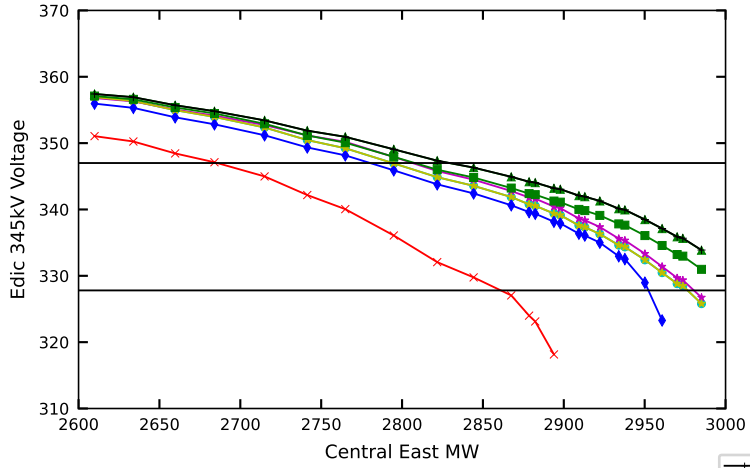
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1: 2023S CEVC PH2 CE2610 MS2270 DE1420 50 RY5715_BYF

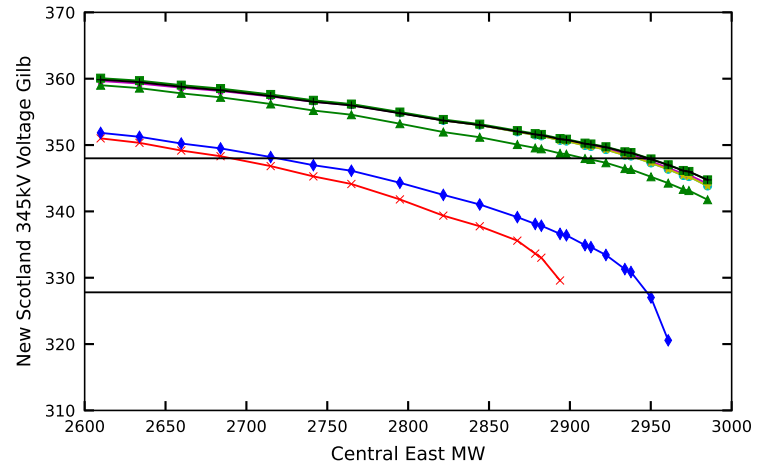
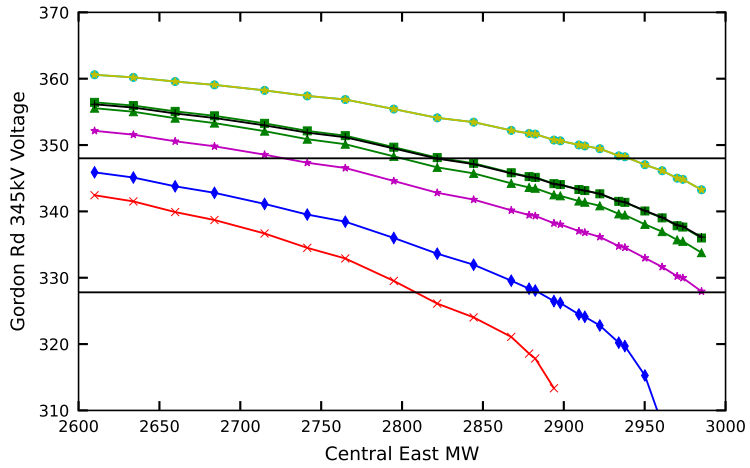
Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
43854 >E	Northport 138kV Voltage	SBK Edic R70	3221.9	131.1	131.1	43632
44513 >E	Northport 138kV Voltage	Princetown-N.Scot 345	3273.1	131.1	130.9	44306
45185 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	3325.9	131.1	130.7	43748
48915 >E	Northport 138kV Voltage	SBK Princetown 345	3617.6	131.1	129.5	48680
99998 >E	Watercure 230kV Voltage	Pre-Fault	NA	NA	215	99998
99998 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R945	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Volney-Marcy	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Marcy R3108	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Edic R70	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	SBK Princetown 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	NA	207	NA	99998
99998 >E	Watercure 230kV Voltage	Ravenswood 3	NA	207	NA	99998

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

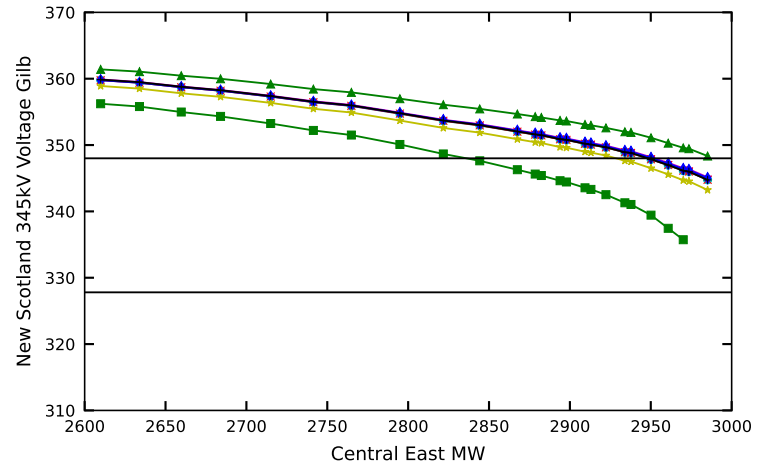
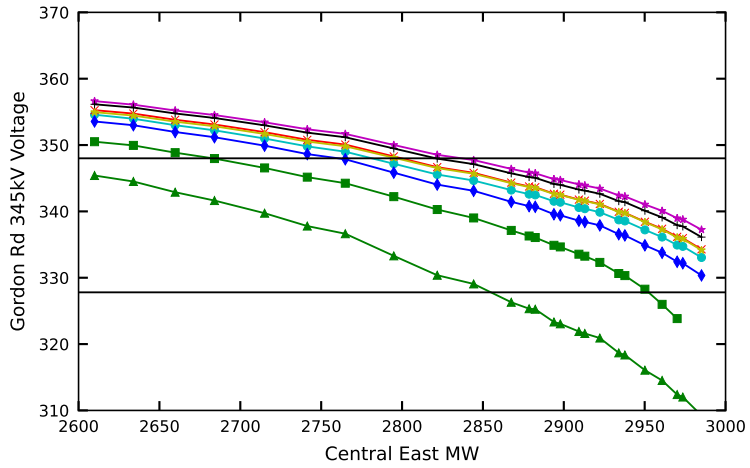
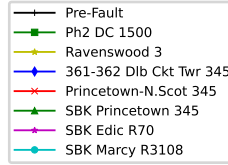
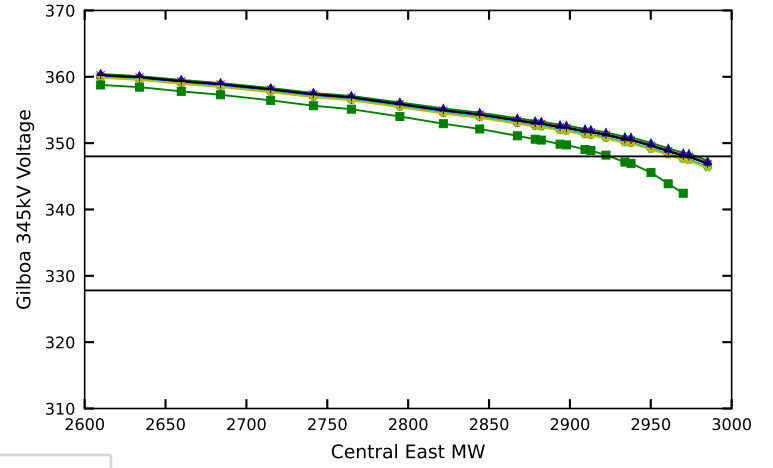
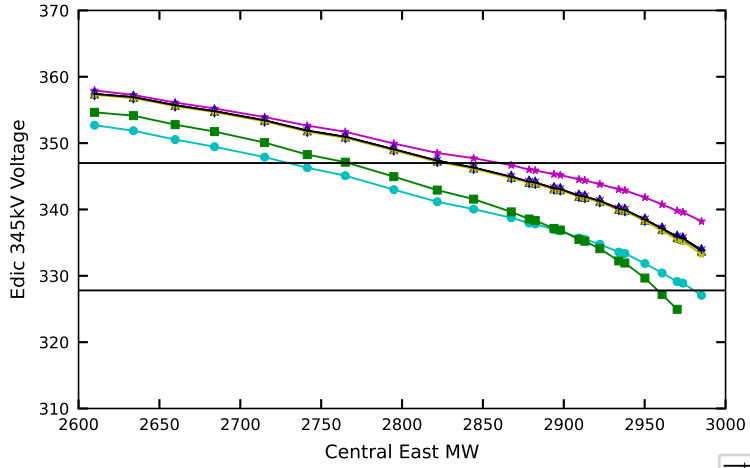
1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_0P Figure 1



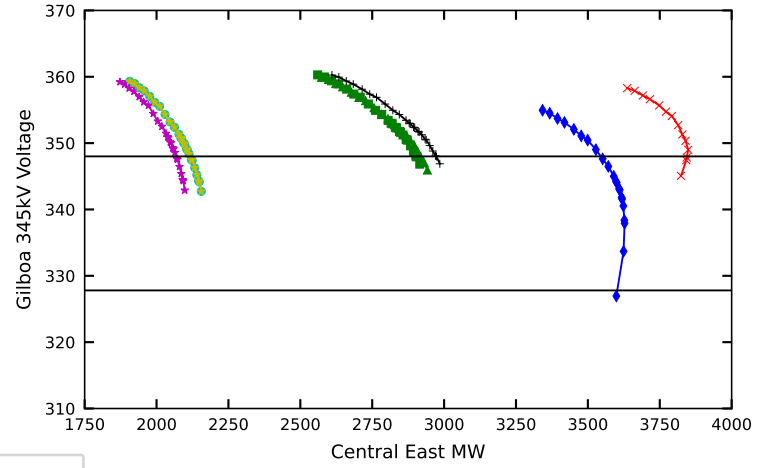
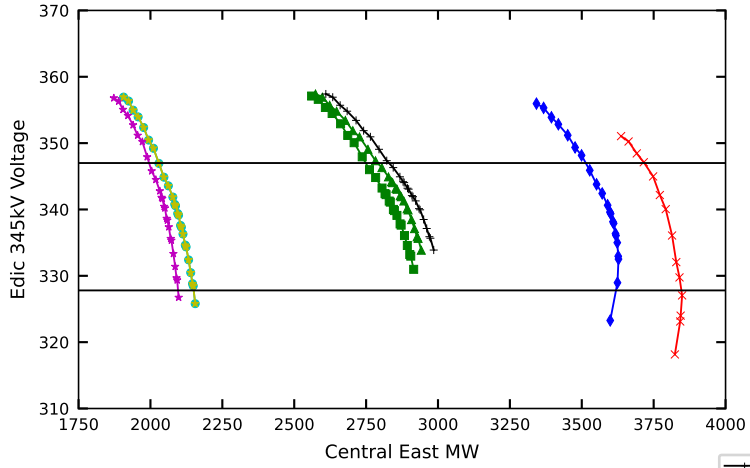
- Pre-Fault
- Volney-Marcy
- ▲ SBK Edic R945
- ◆ Marcy South S.
- × Marcy South N.
- ▲ N.Scot-Leeds 345
- ◆ Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



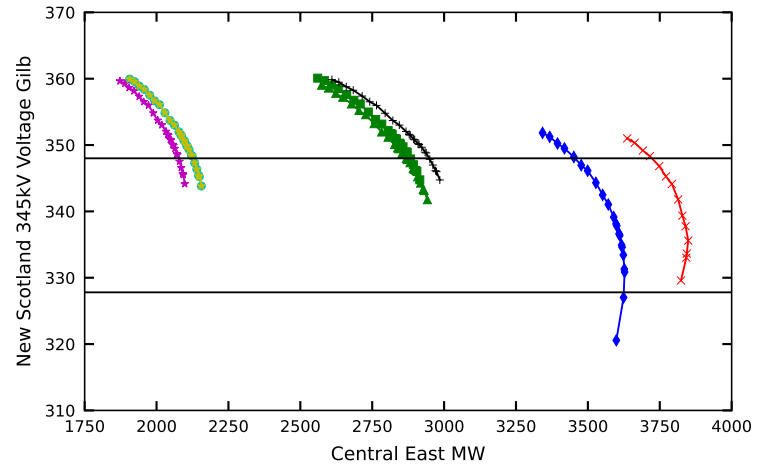
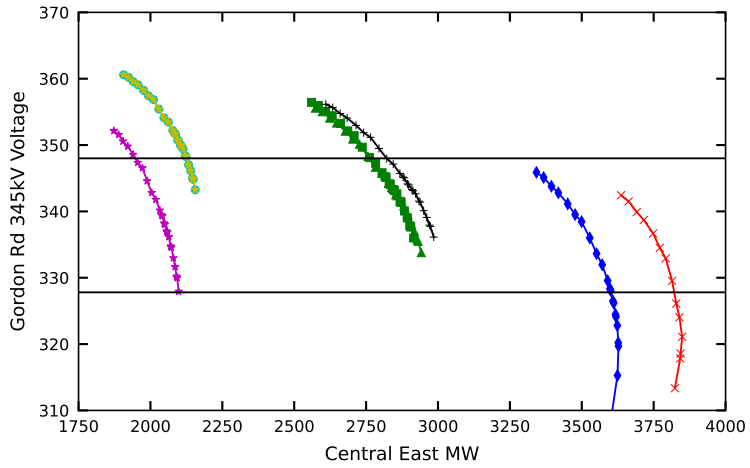
1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_0P Figure 2



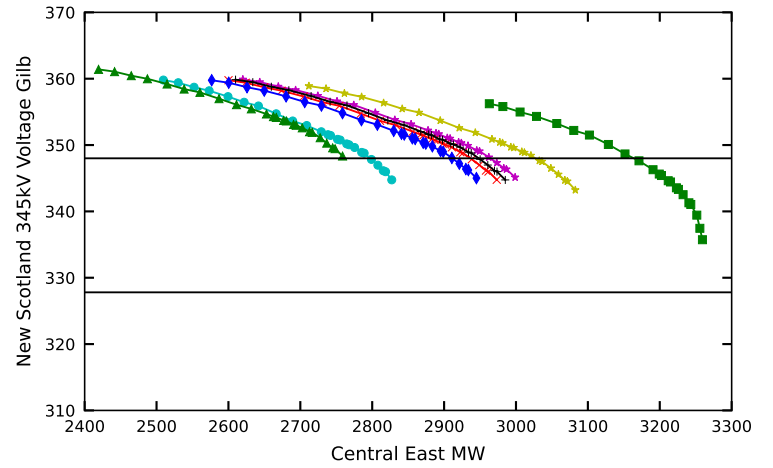
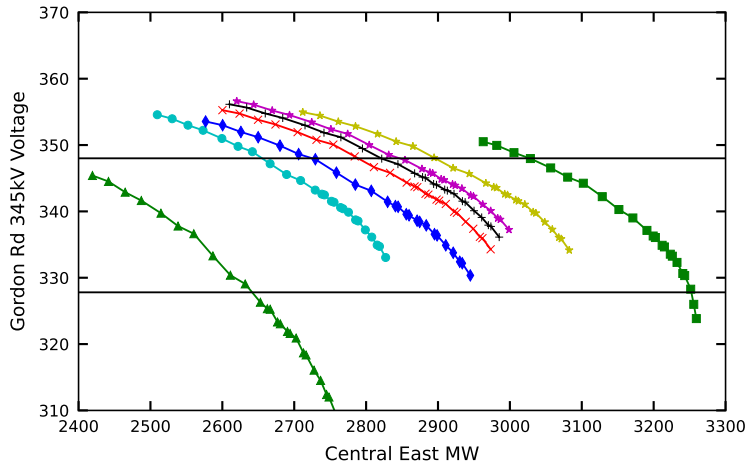
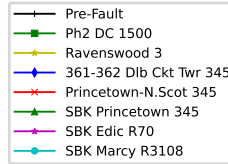
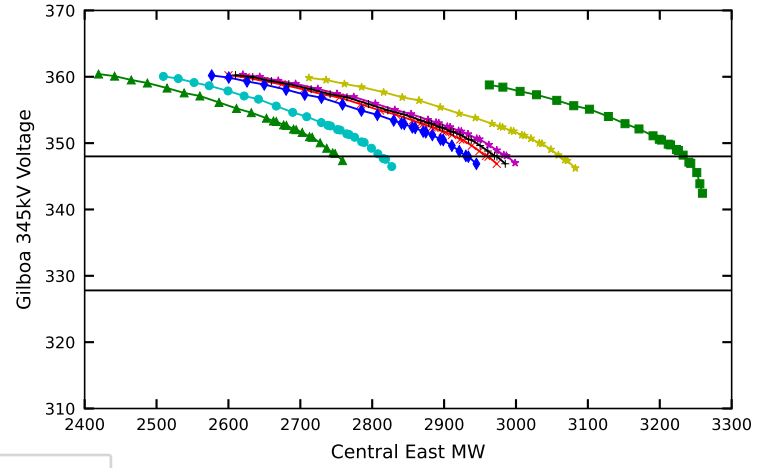
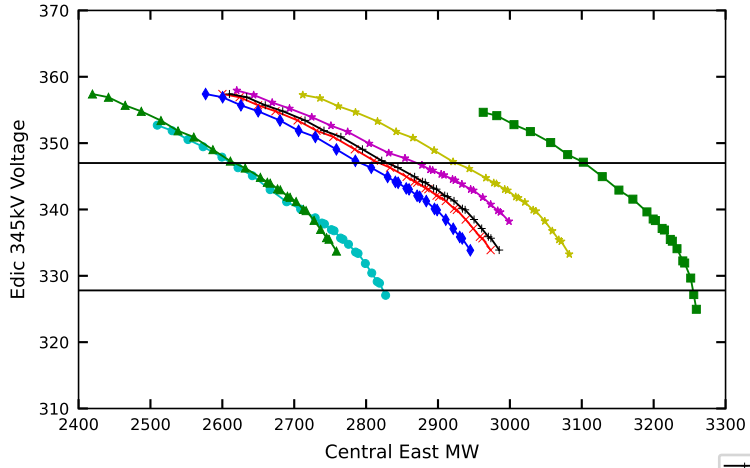
1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_0P Figure 1



- Pre-Fault
- Volney-Marcy
- SBK Edic R945
- Marcy South S.
- Marcy South N.
- N.Scot-Leeds 345
- Marcy-N.Scot99 345
- Edic-Gordon Rd. 345



1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_0P Figure 2



Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2600 MS2270 DE1710 5O UCC2-41_3722_OP

Interface: Central East

Transfe	r	bas	ce0	ce0	ce0	ce0	ce0	ce1	ce1	ce1	ce2	ce3	ce3	ce3	log0	log1
	MW	e	1	2	3	7	8	1	3	5	0	0	1	2	9	5
2609	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2633	t2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2659	t3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2684	t4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2715	t5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2741	t6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2764	t7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2794	t8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2821	t9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2844	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0															
2867	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1															
2878	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2															
2882	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3															
2893	t1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4															
2897	t1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	5															
2909	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	6															
2912	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	7															
2922	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	8															
2933	t1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	9															
2937	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	0															
2950	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	1															
2960	t2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	2															
2970	t2	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0
	3															
2973	t2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	1
	4															
2985	t2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2
	5															

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

Voltage Contingency Analysis Procedure (VCAP)

03-22-2023 10:04

Summary of Transfer Levels and Contingencies

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1: 2023S CEVC PH2 CE2600 MS2270 DE1710 5O UCC2-41_3722_OP

Interface: Central East

Summary of Transfer Levels and Contingencies

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\5O\UCC2-41_3722_OP\Sum2023_CEVC_PH2_5O_UCC2-41_3722_OP.xlsx

1: 2023S CEVC PH2 CE2600 MS2270 DE1710 5O UCC2-41_3722_OP

Interface: Central East

Dlb Ckt																								
Twr 345																								
log09)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravens																								
wood 3																								
log15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph2 DC																								
1500																							1	2

Case Solution Convergence Code: 0 = Convergence Successful, 2 = Did Not Converge

<-----FACILITY----->	-----kV LOW-----		<----INTERFACE----->
	<---PRE--->	<---POST--->	
Bowline 1 345kV Voltage	345.0	327.8	Central East
Bowline 2 345kV Voltage	345.0	327.8	Central East
Buchanan North 345kV Voltage	346.0	327.8	Central East
Buchanan South 345kV Voltage	346.0	327.8	Central East
Clay 345kV Voltage	345.0	327.8	Central East
Coopers Corners 345kV Voltage	338.0	327.8	Central East
Dunwoodie 345kV Voltage	348.0	327.8	Central East
Edic 345kV Voltage	347.0	327.8	Central East
Farragut 345kV Voltage	338.0	327.8	Central East
Fraser 345kV Voltage	338.0	327.8	Central East
Gilboa 345kV Voltage	348.0	327.8	Central East
Goethals 345kV Voltage	338.0	327.8	Central East
Gardenville 230kV Voltage	217.0	207.0	Central East
Ladentown 345kV Voltage	346.0	327.8	Central East
Leeds 345kV Voltage	345.0	327.8	Central East
Marcy 345kV Voltage	348.0	327.8	Central East
Millwood 345kV Voltage	348.0	327.8	Central East
St.Lawrence 230kV Voltage	225.0	218.5	Central East
New Scotland 345kV Voltage Alps	348.0	327.8	Central East
New Scotland 345kV Voltage Gilb	348.0	327.8	Central East
Niagara 345kV Voltage	338.0	327.8	Central East
Niagara 230kV East Voltage	225.0	218.5	Central East
Niagara 230kV West Voltage	225.0	218.5	Central East
Northport 138kV Voltage	135.0	131.1	Central East
Oakdale 345kV Voltage	335.0	320.0	Central East
Pannell Road 345kV Voltage	346.0	327.8	Central East
Pleasant Valley 345kV Voltage	348.0	327.8	Central East
Rainey 345kV Voltage	338.0	327.8	Central East
Ramapo 345kV Voltage	346.0	327.8	Central East
Ramapo 500kV Voltage	500.0	500.0	Central East
Station 80 345kV Voltage	346.0	327.8	Central East
Rock Tavern 345kV Voltage	348.0	327.8	Central East
Roseton 345kV Voltage	345.0	327.8	Central East
Gordon Rd 345kV Voltage	348.0	327.8	Central East
Somerset 345kV Voltage	338.0	327.8	Central East
Sprain Brook 345kV Voltage	348.0	327.8	Central East
Watercure 230kV Voltage	215.0	207.0	Central East

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\UCC2-41_3722_OP\Sum2023_CEVC_PH2_50_UCC2-41_3722_OP.xlsx

1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2484 <E	Dunwoodie 345kV Voltage	Pre-Fault	101.7	NA	348	2484
2494 <E	Sprain Brook 345kV Voltage	Pre-Fault	101.8	NA	348	2494
2724	limit with 5% margin	Marcy South N.	NA	NA	NA	3656
2765	Millwood 345kV Voltage	Pre-Fault	75.1	NA	348	2765
2790	limit with 5% margin	Marcy South S.	NA	NA	NA	3446
2808	Gordon Rd 345kV Voltage	Marcy South N.	7.9	327.8	348.7	3821
2810	Marcy 345kV Voltage	Pre-Fault	15.5	NA	348	2810
2816	Buchanan North 345kV Voltage	Pre-Fault	70.2	NA	346	2816
2820	Gordon Rd 345kV Voltage	Pre-Fault	17.5	NA	348	2820
2821	limit with 5% margin	Ph2 DC 1500	NA	NA	NA	3096
2829	Edic 345kV Voltage	Pre-Fault	21.6	NA	347	2829
2835	limit with 5% margin	Edic-Gordon Rd. 345	NA	NA	NA	2047
2835	limit with 5% margin	Marcy-N.Scot99 345	NA	NA	NA	1993
2835	limit with 5% margin	N.Scot-Leeds 345	NA	NA	NA	2794
2835	limit with 5% margin	SBK Edic R945	NA	NA	NA	2047
2835	limit with 5% margin	Volney-Marcy	NA	NA	NA	2769
2835	limit with 5% margin	SBK Marcy R3108	NA	NA	NA	2685
2835	limit with 5% margin	SBK Edic R70	NA	NA	NA	2848
2835	limit with 5% margin	SBK Princetown 345	NA	NA	NA	2620
2835	limit with 5% margin	Princetown-N.Scot 345	NA	NA	NA	2824
2835	limit with 5% margin	361-362 Dlb Ckt Twr 345	NA	NA	NA	2797
2835	limit with 5% margin	Ravenswood 3	NA	NA	NA	2928
2854	Gordon Rd 345kV Voltage	SBK Princetown 345	8.4	327.8	346.5	2641
2861	Edic 345kV Voltage	Marcy South N.	8.6	327.8	345.3	3846
2862	Marcy 345kV Voltage	Marcy South N.	8.5	327.8	345.1	3847
2884	Gordon Rd 345kV Voltage	Marcy South S.	7.2	327.8	344.9	3601
2886	Rock Tavern 345kV Voltage	Pre-Fault	27.7	NA	348	2886
2889 >E	Oakdale 345kV Voltage	Marcy South N.	8.0	320	346.3	3857
2925	Coopers Corners 345kV Voltage	SBK Edic R945	7.1	327.8	338.3	2115
2925	Coopers Corners 345kV Voltage	Edic-Gordon Rd. 345	7.2	327.8	338.3	2115
2928	Coopers Corners 345kV Voltage	Pre-Fault	11.9	NA	338	2928
2930	Coopers Corners 345kV Voltage	Marcy-N.Scot99 345	7.0	327.8	337.9	2068
2948	New Scotland 345kV Voltage Alps	Pre-Fault	12.9	NA	348	2948
2948	New Scotland 345kV Voltage Gilb	Pre-Fault	12.9	NA	348	2948
2951 >E	New Scotland 345kV Voltage Alps	Marcy South N.	10.7	327.8	348.6	3881
2951 >E	New Scotland 345kV Voltage Gilb	Marcy South N.	10.7	327.8	348.6	3881
2952	Gordon Rd 345kV Voltage	Ph2 DC 1500	4.7	327.8	339.9	3252
2953	Buchanan South 345kV Voltage	Pre-Fault	14.2	NA	346	2953
2955	Ramapo 500kV Voltage	Ph2 DC 1500	10.9	500	506.6	3253
2958	Edic 345kV Voltage	Ph2 DC 1500	4.3	327.8	337.5	3254

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

C:\Users\ardolinokr\PSS-E_FILES\CASES\v34\2023VCAP\8_S23_CEVC_Ph2\50\UCC2-41_3722_OP\Sum2023_CEVC_PH2_50_UCC2-41_3722_OP.xlsx

1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
2958	Marcy 345kV Voltage	Ph2 DC 1500	4.2	327.8	337.3	3254
2958	Station 80 345kV Voltage	Pre-Fault	15.3	NA	346	2958
2964	Pleasant Valley 345kV Voltage	Pre-Fault	26.8	NA	348	2964
2964 >E	New Scotland 345kV Voltage Alps	Marcy South S.	8.6	327.8	348.0	3634
2964 >E	New Scotland 345kV Voltage Gilb	Marcy South S.	8.6	327.8	348.0	3634
2967	Coopers Corners 345kV Voltage	Ph2 DC 1500	4.9	327.8	334.1	3258
2969	Ramapo 500kV Voltage	Ravenswood 3	6.4	500	505.0	3067
2971	Marcy 345kV Voltage	SBK Edic R945	10.6	327.8	335.6	2147
2971	Marcy 345kV Voltage	Edic-Gordon Rd. 345	10.3	327.8	335.6	2147
2972	Gilboa 345kV Voltage	Pre-Fault	30.1	NA	348	2972
2976	Edic 345kV Voltage	SBK Edic R945	4.3	327.8	335.2	2150
2976	Edic 345kV Voltage	Edic-Gordon Rd. 345	4.3	327.8	335.2	2150
2977	Pannell Road 345kV Voltage	Pre-Fault	18.9	NA	346	2977
2978 >E	Edic 345kV Voltage	Marcy South S.	8.7	327.8	338.0	3638
2980	Edic 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	334.6	2095
2980	Edic 345kV Voltage	SBK Marcy R3108	6.3	327.8	334.6	2823
2981 >E	Marcy 345kV Voltage	Marcy South S.	8.7	327.8	337.7	3638
2981	Oakdale 345kV Voltage	Pre-Fault	6.0	NA	335	2981
2982	Fraser 345kV Voltage	Pre-Fault	6.2	NA	338	2982
2983	Marcy 345kV Voltage	Marcy-N.Scot99 345	4.4	327.8	333.9	2097
2985 >E	Gordon Rd 345kV Voltage	Marcy-N.Scot99 345	5.7	327.8	336.0	2098
2987 >E	Coopers Corners 345kV Voltage	Ravenswood 3	6.1	327.8	331.9	3084
2987 >E	Ramapo 345kV Voltage	Pre-Fault	20.5	NA	346	2987
2991 >E	Fraser 345kV Voltage	SBK Edic R945	4.2	327.8	336.4	2159
2991 >E	Fraser 345kV Voltage	Edic-Gordon Rd. 345	4.2	327.8	336.4	2159
2994 >E	Fraser 345kV Voltage	Marcy-N.Scot99 345	4.2	327.8	336.0	2102
2999 >E	Coopers Corners 345kV Voltage	SBK Princetown 345	6.3	327.8	330.1	2771
3001 >E	Gordon Rd 345kV Voltage	361-362 Dlb Ckt Twr 345	6.3	327.8	333.9	2960
3003 >E	Fraser 345kV Voltage	Ph2 DC 1500	4.3	327.8	335.2	3272
3003 >E	Oakdale 345kV Voltage	Ph2 DC 1500	4.4	320	332.2	3272
3003 >E	Edic 345kV Voltage	Volney-Marcy	5.8	327.8	331.0	2931
3003 >E	Marcy 345kV Voltage	Volney-Marcy	5.7	327.8	330.8	2931
3005 >E	Oakdale 345kV Voltage	SBK Edic R945	4.3	320	331.0	2167
3005 >E	Oakdale 345kV Voltage	Edic-Gordon Rd. 345	4.3	320	331.0	2167
3007 >E	Oakdale 345kV Voltage	Marcy-N.Scot99 345	4.3	320	330.7	2108
3009 >E	Coopers Corners 345kV Voltage	N.Scot-Leeds 345	6.7	327.8	328.7	2965
3012 >E	New Scotland 345kV Voltage Alps	Ph2 DC 1500	5.4	327.8	342.3	3275
3012 >E	New Scotland 345kV Voltage Gilb	Ph2 DC 1500	5.4	327.8	342.3	3275
3013 >E	Coopers Corners 345kV Voltage	361-362 Dlb Ckt Twr 345	7.0	327.8	328.3	2971

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3015 >E	Coopers Corners 345kV Voltage	Princetown-N.Scot 345	7.1	327.8	328.0	3003
3016 >E	Coopers Corners 345kV Voltage	SBK Edic R70	7.3	327.8	327.9	3031
3017 >E	Marcy 345kV Voltage	Ravenswood 3	5.9	327.8	328.7	3113
3017 >E	Clay 345kV Voltage	Pre-Fault	10.9	NA	345	3017
3017 >E	Edic 345kV Voltage	Ravenswood 3	6.0	327.8	328.8	3113
3019 >E	Gilboa 345kV Voltage	Marcy South S.	8.1	327.8	348.6	3648
3019 >E	Ladentown 345kV Voltage	Pre-Fault	21.3	NA	346	3019
3020 >E	Coopers Corners 345kV Voltage	Volney-Marcy	7.4	327.8	327.3	2946
3020 >E	Ramapo 500kV Voltage	Marcy-N.Scot99 345	30.9	500	504.3	2113
3021 >E	Gordon Rd 345kV Voltage	SBK Marcy R3108	6.9	327.8	331.1	2854
3022 >E	Ramapo 500kV Voltage	SBK Edic R945	31.2	500	504.3	2177
3022 >E	Ramapo 500kV Voltage	Edic-Gordon Rd. 345	31.2	500	504.3	2177
3022 >E	Marcy 345kV Voltage	N.Scot-Leeds 345	6.4	327.8	327.8	2978
3022 >E	Marcy 345kV Voltage	SBK Marcy R3108	6.4	327.8	327.8	2855
3022 >E	Marcy 345kV Voltage	SBK Princetown 345	6.4	327.8	327.8	2792
3022 >E	Marcy 345kV Voltage	Princetown-N.Scot 345	6.4	327.8	327.8	3010
3022 >E	Marcy 345kV Voltage	SBK Edic R70	6.4	327.8	327.8	3038
3022 >E	Marcy 345kV Voltage	361-362 Dlb Ckt Twr 345	6.4	327.8	327.8	2981
3023 >E	Edic 345kV Voltage	SBK Princetown 345	6.4	327.8	328.0	2792
3024 >E	Edic 345kV Voltage	361-362 Dlb Ckt Twr 345	6.5	327.8	327.8	2982
3024 >E	Edic 345kV Voltage	N.Scot-Leeds 345	6.5	327.8	327.8	2979
3024 >E	Edic 345kV Voltage	Princetown-N.Scot 345	6.5	327.8	327.8	3012
3025 >E	Gordon Rd 345kV Voltage	N.Scot-Leeds 345	6.7	327.8	330.5	2980
3028 >E	Gordon Rd 345kV Voltage	Ravenswood 3	6.8	327.8	330.1	3124
3029 >E	Gordon Rd 345kV Voltage	Princetown-N.Scot 345	6.9	327.8	329.9	3017
3037 >E	Oakdale 345kV Voltage	SBK Marcy R3108	5.7	320	325.7	2866
3039 >E	Clay 345kV Voltage	Marcy South N.	13.8	327.8	349.2	3916
3042 >E	Gordon Rd 345kV Voltage	Volney-Marcy	7.0	327.8	328.1	2965
3045 >E	Fraser 345kV Voltage	SBK Edic R70	6.2	327.8	327.8	3062
3045 >E	Fraser 345kV Voltage	N.Scot-Leeds 345	6.2	327.8	327.8	3000
3045 >E	Fraser 345kV Voltage	Volney-Marcy	6.2	327.8	327.8	2968
3045 >E	Fraser 345kV Voltage	SBK Princetown 345	6.2	327.8	327.8	2812
3045 >E	Fraser 345kV Voltage	Princetown-N.Scot 345	6.2	327.8	327.8	3032
3045 >E	Fraser 345kV Voltage	361-362 Dlb Ckt Twr 345	6.2	327.8	327.8	3003
3045 >E	Fraser 345kV Voltage	Ravenswood 3	6.2	327.8	327.8	3140
3045 >E	Fraser 345kV Voltage	SBK Marcy R3108	6.2	327.8	327.8	2871
3052 >E	St.Lawrence 230kV Voltage	Pre-Fault	17.9	NA	225	3052
3052 >E	Oakdale 345kV Voltage	Volney-Marcy	5.8	320	323.1	2975

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3053 >E	Fraser 345kV Voltage	Marcy South S.	7.6	327.8	339.4	3657
3055 >E	Gordon Rd 345kV Voltage	SBK Edic R70	7.5	327.8	326.3	3072
3057 >E	Oakdale 345kV Voltage	Ravenswood 3	5.6	320	322.4	3151
3060 >E	Coopers Corners 345kV Voltage	SBK Marcy R3108	8.3	327.8	321.8	2882
3060 >E	Rock Tavern 345kV Voltage	SBK Edic R945	7.8	327.8	337.4	2200
3060 >E	Rock Tavern 345kV Voltage	Edic-Gordon Rd. 345	7.8	327.8	337.4	2200
3060 >E	Clay 345kV Voltage	Ph2 DC 1500	6.6	327.8	341.5	3294
3063 >E	Rock Tavern 345kV Voltage	Marcy-N.Scot99 345	7.9	327.8	337.1	2132
3064 >E	Oakdale 345kV Voltage	SBK Princetown 345	5.9	320	321.1	2830
3065 >E	Gilboa 345kV Voltage	Ph2 DC 1500	6.5	327.8	340.7	3296
3068 >E	Roseton 345kV Voltage	Pre-Fault	19.7	NA	345	3068
3070 >E	Oakdale 345kV Voltage	361-362 Dlb Ckt Twr 345	5.9	320	320.2	3027
3070 >E	Oakdale 345kV Voltage	N.Scot-Leeds 345	6.0	320	320.1	3024
3070 >E	Oakdale 345kV Voltage	Princetown-N.Scot 345	6.0	320	320.1	3058
3071 >E	Edic 345kV Voltage	SBK Edic R70	8.3	327.8	320.5	3090
3076 >E	Bowline 1 345kV Voltage	Pre-Fault	21.3	NA	345	3076
3078 >E	Oakdale 345kV Voltage	SBK Edic R70	6.2	320	318.8	3097
3081 >E	Bowline 2 345kV Voltage	Pre-Fault	21.2	NA	345	3081
3084 >E	Pannell Road 345kV Voltage	Ph2 DC 1500	9.4	327.8	338.8	3303
3090 >E	Niagara 230kV East Voltage	Pre-Fault	15.1	NA	225	3090
3090 >E	Niagara 230kV West Voltage	Pre-Fault	15.1	NA	225	3090
3091 >E	Rock Tavern 345kV Voltage	Ravenswood 3	9.6	327.8	334.8	3185
3092 >E	Clay 345kV Voltage	SBK Edic R945	7.3	327.8	338.2	2219
3092 >E	Clay 345kV Voltage	Edic-Gordon Rd. 345	7.3	327.8	338.1	2219
3094 >E	Rock Tavern 345kV Voltage	Ph2 DC 1500	9.7	327.8	339.3	3307
3096 >E	Leeds 345kV Voltage	Pre-Fault	13.5	NA	345	3096
3097 >E	St.Lawrence 230kV Voltage	SBK Marcy R3108	13.7	218.5	222.5	2910
3098 >E	Gordon Rd 345kV Voltage	SBK Edic R945	7.3	327.8	320.4	2222
3098 >E	Gordon Rd 345kV Voltage	Edic-Gordon Rd. 345	7.3	327.8	320.4	2222
3098 >E	Clay 345kV Voltage	Marcy-N.Scot99 345	7.4	327.8	337.5	2148
3099 >E	Buchanan North 345kV Voltage	Ravenswood 3	14.7	327.8	335.9	3192
3099 >E	Dunwoodie 345kV Voltage	Ravenswood 3	19.0	327.8	336.5	3192
3100 >E	Sprain Brook 345kV Voltage	Ravenswood 3	18.9	327.8	336.5	3193
3101 >E	St.Lawrence 230kV Voltage	SBK Edic R945	12.8	218.5	222.3	2224
3101 >E	St.Lawrence 230kV Voltage	Edic-Gordon Rd. 345	12.8	218.5	222.3	2224
3101 >E	New Scotland 345kV Voltage Alps	N.Scot-Leeds 345	8.4	327.8	332.1	3054
3101 >E	New Scotland 345kV Voltage Gilb	N.Scot-Leeds 345	8.4	327.8	332.1	3054
3103 >E	Station 80 345kV Voltage	Ph2 DC 1500	11.7	327.8	338.6	3310
3105 >E	Gilboa 345kV Voltage	Edic-Gordon Rd. 345	8.1	327.8	335.6	2227
3105 >E	Gilboa 345kV Voltage	SBK Edic R945	8.1	327.8	335.6	2227

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Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3108 >E	Gilboa 345kV Voltage	Marcy-N.Scot99 345	8.2	327.8	335.3	2153
3110 >E	St.Lawrence 230kV Voltage	Ph2 DC 1500	16.8	218.5	224.6	3313
3113 >E	Ramapo 500kV Voltage	Marcy South S.	30.6	500	504.1	3672
3115 >E	New Scotland 345kV Voltage Alps	Edic-Gordon Rd. 345	8.1	327.8	330.7	2233
3115 >E	New Scotland 345kV Voltage Gilb	Edic-Gordon Rd. 345	8.1	327.8	330.7	2233
3115 >E	New Scotland 345kV Voltage Alps	SBK Edic R945	8.1	327.8	330.7	2233
3115 >E	New Scotland 345kV Voltage Gilb	SBK Edic R945	8.1	327.8	330.7	2233
3118 >E	St.Lawrence 230kV Voltage	Marcy-N.Scot99 345	14.0	218.5	221.4	2157
3120 >E	New Scotland 345kV Voltage Alps	Ravenswood 3	8.8	327.8	330.1	3213
3120 >E	New Scotland 345kV Voltage Gilb	Ravenswood 3	8.8	327.8	330.1	3213
3123 >E	New Scotland 345kV Voltage Alps	Marcy-N.Scot99 345	8.5	327.8	329.8	2159
3123 >E	New Scotland 345kV Voltage Gilb	Marcy-N.Scot99 345	8.5	327.8	329.8	2159
3125 >E	Leeds 345kV Voltage	Ph2 DC 1500	6.9	327.8	345.5	3319
3127 >E	Leeds 345kV Voltage	Marcy South S.	11.5	327.8	353.3	3675
3138 >E	St.Lawrence 230kV Voltage	Volney-Marcy	16.3	218.5	220.2	3050
3138 >E	Rock Tavern 345kV Voltage	SBK Princetown 345	10.3	327.8	331.0	2896
3139 >E	New Scotland 345kV Voltage Alps	Volney-Marcy	9.1	327.8	328.1	3051
3139 >E	New Scotland 345kV Voltage Gilb	Volney-Marcy	9.1	327.8	328.1	3051
3139 >E	Buchanan North 345kV Voltage	Edic-Gordon Rd. 345	13.5	327.8	333.8	2247
3139 >E	Buchanan North 345kV Voltage	SBK Edic R945	13.5	327.8	333.8	2247
3143 >E	Buchanan North 345kV Voltage	Marcy-N.Scot99 345	13.6	327.8	333.6	2168
3143 >E	New Scotland 345kV Voltage Alps	Princetown-N.Scot 345	9.3	327.8	327.6	3129
3143 >E	New Scotland 345kV Voltage Gilb	Princetown-N.Scot 345	9.3	327.8	327.6	3129
3144 >E	New Scotland 345kV Voltage Alps	SBK Marcy R3108	9.4	327.8	327.5	2945
3144 >E	New Scotland 345kV Voltage Gilb	SBK Marcy R3108	9.4	327.8	327.5	2945
3148 >E	New Scotland 345kV Voltage Alps	361-362 Dlb Ckt Twr 345	9.5	327.8	327.1	3103
3148 >E	New Scotland 345kV Voltage Gilb	361-362 Dlb Ckt Twr 345	9.5	327.8	327.1	3103
3148 >E	Oakdale 345kV Voltage	Marcy South S.	10.6	320	333.5	3681
3148 >E	Millwood 345kV Voltage	Ravenswood 3	18.2	327.8	336.7	3240
3149 >E	New Scotland 345kV Voltage Alps	SBK Edic R70	9.5	327.8	326.9	3171
3149 >E	New Scotland 345kV Voltage Gilb	SBK Edic R70	9.5	327.8	326.9	3171
3153 >E	St.Lawrence 230kV Voltage	Ravenswood 3	17.1	218.5	219.4	3244
3155 >E	St.Lawrence 230kV Voltage	SBK Edic R70	16.9	218.5	219.3	3177
3155 >E	Rock Tavern 345kV Voltage	N.Scot-Leeds 345	11.1	327.8	329.7	3106
3160 >E	Pleasant Valley 345kV Voltage	Ph2 DC 1500	11.5	327.8	340.6	3332
3164 >E	Clay 345kV Voltage	SBK Marcy R3108	11.1	327.8	331.5	2960
3167 >E	Buchanan South 345kV Voltage	Ravenswood 3	17.3	327.8	336.9	3258
3168 >E	Rock Tavern 345kV Voltage	361-362 Dlb Ckt Twr 345	11.8	327.8	328.6	3122

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3169 >E	St.Lawrence 230kV Voltage	Princetown-N.Scot 345	17.9	218.5	218.5	3156
3169 >E	Pannell Road 345kV Voltage	Marcy South N.	22.4	327.8	343.3	3967
3169 >E	Clay 345kV Voltage	Volney-Marcy	10.3	327.8	331.0	3078
3170 >E	St.Lawrence 230kV Voltage	361-362 Dlb Ckt Twr 345	18.0	218.5	218.5	3124
3170 >E	St.Lawrence 230kV Voltage	N.Scot-Leeds 345	18.0	218.5	218.5	3120
3171 >E	Gilboa 345kV Voltage	N.Scot-Leeds 345	10.3	327.8	329.4	3121
3171 >E	Niagara 230kV East Voltage	Ravenswood 3	14.4	218.5	219.6	3261
3171 >E	Niagara 230kV West Voltage	Ravenswood 3	14.4	218.5	219.6	3261
3172 >E	Niagara 230kV East Voltage	Marcy-N.Scot99 345	14.3	218.5	219.6	2181
3172 >E	Niagara 230kV West Voltage	Marcy-N.Scot99 345	14.3	218.5	219.6	2181
3172 >E	St.Lawrence 230kV Voltage	SBK Princetown 345	18.0	218.5	218.3	2927
3172 >E	Niagara 230kV East Voltage	SBK Edic R945	14.3	218.5	219.5	2267
3172 >E	Niagara 230kV West Voltage	SBK Edic R945	14.3	218.5	219.5	2267
3172 >E	Niagara 230kV East Voltage	Edic-Gordon Rd. 345	14.3	218.5	219.5	2267
3172 >E	Niagara 230kV West Voltage	Edic-Gordon Rd. 345	14.3	218.5	219.5	2267
3175 >E	Rock Tavern 345kV Voltage	Princetown-N.Scot 345	12.2	327.8	328.1	3161
3176 >E	Pannell Road 345kV Voltage	SBK Edic R945	12.7	327.8	335.5	2269
3176 >E	Pannell Road 345kV Voltage	Edic-Gordon Rd. 345	12.7	327.8	335.5	2269
3176 >E	Clay 345kV Voltage	Ravenswood 3	9.9	327.8	330.5	3266
3176 >E	Gilboa 345kV Voltage	Ravenswood 3	10.4	327.8	328.9	3266
3177 >E	Rock Tavern 345kV Voltage	SBK Edic R70	12.3	327.8	327.8	3201
3179 >E	Buchanan North 345kV Voltage	Ph2 DC 1500	18.7	327.8	339.8	3339
3181 >E	Ramapo 345kV Voltage	SBK Edic R945	13.1	327.8	336.6	2272
3181 >E	Ramapo 345kV Voltage	Edic-Gordon Rd. 345	13.1	327.8	336.6	2272
3181 >E	Gilboa 345kV Voltage	SBK Marcy R3108	10.5	327.8	328.4	2972
3181 >E	Fraser 345kV Voltage	Marcy South N.	14.6	327.8	327.8	3972
3181 >E	Pannell Road 345kV Voltage	Marcy-N.Scot99 345	12.9	327.8	335.2	2185
3184 >E	Ramapo 345kV Voltage	Ravenswood 3	15.2	327.8	336.4	3273
3185 >E	Ramapo 345kV Voltage	Marcy-N.Scot99 345	13.2	327.8	336.4	2187
3186 >E	Gilboa 345kV Voltage	Volney-Marcy	10.6	327.8	328.0	3092
3188 >E	Niagara 230kV East Voltage	Volney-Marcy	15.1	218.5	218.5	3094
3188 >E	Niagara 230kV West Voltage	Volney-Marcy	15.1	218.5	218.5	3094
3188 >E	Gilboa 345kV Voltage	Princetown-N.Scot 345	10.6	327.8	327.8	3174
3188 >E	Station 80 345kV Voltage	Marcy South N.	23.5	327.8	340.5	3975
3188 >E	Niagara 230kV East Voltage	Princetown-N.Scot 345	15.1	218.5	218.5	3174
3188 >E	Niagara 230kV West Voltage	Princetown-N.Scot 345	15.1	218.5	218.5	3174
3188 >E	Niagara 230kV East Voltage	361-362 Dlb Ckt Twr 345	15.1	218.5	218.5	3142
3188 >E	Niagara 230kV West Voltage	361-362 Dlb Ckt Twr 345	15.1	218.5	218.5	3142

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

<E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3188 >E	Niagara 230kV East Voltage	N.Scot-Leeds 345	15.1	218.5	218.5	3138
3188 >E	Niagara 230kV West Voltage	N.Scot-Leeds 345	15.1	218.5	218.5	3138
3188 >E	Gilboa 345kV Voltage	361-362 Dlb Ckt Twr 345	10.7	327.8	327.7	3142
3189 >E	Niagara 230kV East Voltage	SBK Princetown 345	15.2	218.5	218.5	2941
3189 >E	Niagara 230kV West Voltage	SBK Princetown 345	15.2	218.5	218.5	2941
3189 >E	Sprain Brook 345kV Voltage	Ph2 DC 1500	18.7	327.8	337.2	3343
3189 >E	Dunwoodie 345kV Voltage	Ph2 DC 1500	18.8	327.8	337.1	3343
3190 >E	Millwood 345kV Voltage	Ph2 DC 1500	16.3	327.8	339.1	3344
3190 >E	Gilboa 345kV Voltage	SBK Edic R70	10.7	327.8	327.5	3214
3191 >E	Niagara 230kV East Voltage	SBK Edic R70	15.3	218.5	218.3	3215
3191 >E	Niagara 230kV West Voltage	SBK Edic R70	15.3	218.5	218.3	3215
3193 >E	Niagara 230kV East Voltage	SBK Marcy R3108	15.3	218.5	218.2	2981
3193 >E	Niagara 230kV West Voltage	SBK Marcy R3108	15.3	218.5	218.2	2981
3194 >E	Rock Tavern 345kV Voltage	Volney-Marcy	13.1	327.8	326.5	3100
3197 >E	Gilboa 345kV Voltage	SBK Princetown 345	10.8	327.8	326.9	2949
3199 >E	New Scotland 345kV Voltage Alps	SBK Princetown 345	10.4	327.8	321.6	2951
3199 >E	New Scotland 345kV Voltage Gilb	SBK Princetown 345	10.4	327.8	321.6	2951
3202 >E	Clay 345kV Voltage	SBK Princetown 345	10.9	327.8	328.1	2953
3204 >E	Clay 345kV Voltage	361-362 Dlb Ckt Twr 345	10.9	327.8	327.8	3157
3205 >E	Clay 345kV Voltage	Princetown-N.Scot 345	10.9	327.8	327.8	3191
3205 >E	Clay 345kV Voltage	N.Scot-Leeds 345	10.9	327.8	327.8	3154
3206 >E	Ladentown 345kV Voltage	Ravenswood 3	15.7	327.8	337.2	3295
3212 >E	Buchanan South 345kV Voltage	Ph2 DC 1500	16.8	327.8	340.8	3352
3218 >E	Sprain Brook 345kV Voltage	Edic-Gordon Rd. 345	19.1	327.8	331.8	2294
3218 >E	Ladentown 345kV Voltage	SBK Edic R945	13.9	327.8	336.6	2294
3218 >E	Ladentown 345kV Voltage	Edic-Gordon Rd. 345	13.9	327.8	336.6	2294
3218 >E	Sprain Brook 345kV Voltage	SBK Edic R945	19.1	327.8	331.8	2294
3220 >E	Buchanan North 345kV Voltage	SBK Princetown 345	16.9	327.8	329.6	2969
3220 >E	Roseton 345kV Voltage	Ph2 DC 1500	13.0	327.8	342.0	3355
3220 >E	Dunwoodie 345kV Voltage	Edic-Gordon Rd. 345	19.3	327.8	331.7	2295
3220 >E	Dunwoodie 345kV Voltage	SBK Edic R945	19.3	327.8	331.7	2295
3222 >E	Ladentown 345kV Voltage	Marcy-N.Scot99 345	14.0	327.8	336.4	2204
3223 >E	Station 80 345kV Voltage	SBK Edic R945	16.1	327.8	335.0	2297
3223 >E	Station 80 345kV Voltage	Edic-Gordon Rd. 345	16.1	327.8	335.0	2297
3225 >E	Sprain Brook 345kV Voltage	Marcy-N.Scot99 345	19.3	327.8	331.5	2205
3227 >E	Dunwoodie 345kV Voltage	Marcy-N.Scot99 345	19.5	327.8	331.4	2206
3228 >E	Ramapo 500kV Voltage	SBK Princetown 345	57.3	500	502.0	2977
3228 >E	Station 80 345kV Voltage	Marcy-N.Scot99 345	16.3	327.8	334.8	2206
3228 >E	Buchanan South 345kV Voltage	Edic-Gordon Rd. 345	16.2	327.8	334.2	2300

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3228 >E	Buchanan South 345kV Voltage	SBK Edic R945	16.2	327.8	334.2	2300
3230 >E	Buchanan North 345kV Voltage	N.Scot-Leeds 345	17.8	327.8	329.0	3179
3231 >E	Clay 345kV Voltage	Marcy South S.	14.5	327.8	342.7	3702
3232 >E	Bowline 1 345kV Voltage	Ravenswood 3	15.7	327.8	337.7	3320
3234 >E	Gilboa 345kV Voltage	Marcy South N.	17.3	327.8	339.8	3993
3235 >E	Buchanan South 345kV Voltage	Marcy-N.Scot99 345	16.3	327.8	334.0	2209
3235 >E	Rock Tavern 345kV Voltage	SBK Marcy R3108	14.1	327.8	323.2	3012
3236 >E	Bowline 2 345kV Voltage	Ravenswood 3	15.7	327.8	337.7	3324
3238 >E	Millwood 345kV Voltage	Edic-Gordon Rd. 345	17.7	327.8	333.0	2306
3238 >E	Millwood 345kV Voltage	SBK Edic R945	17.7	327.8	333.0	2306
3240 >E	Bowline 1 345kV Voltage	SBK Edic R945	13.8	327.8	337.3	2307
3240 >E	Bowline 1 345kV Voltage	Edic-Gordon Rd. 345	13.8	327.8	337.3	2307
3243 >E	Watercure 230kV Voltage	Ph2 DC 1500	13.7	207	222.9	3364
3243 >E	Bowline 2 345kV Voltage	SBK Edic R945	13.8	327.8	337.4	2309
3243 >E	Bowline 2 345kV Voltage	Edic-Gordon Rd. 345	13.8	327.8	337.4	2309
3245 >E	Bowline 1 345kV Voltage	Marcy-N.Scot99 345	13.9	327.8	337.1	2214
3245 >E	Millwood 345kV Voltage	Marcy-N.Scot99 345	17.9	327.8	332.7	2214
3246 >E	Buchanan North 345kV Voltage	361-362 Dlb Ckt Twr 345	18.6	327.8	328.2	3198
3248 >E	Bowline 2 345kV Voltage	Marcy-N.Scot99 345	13.9	327.8	337.1	2215
3250 >E	Pleasant Valley 345kV Voltage	Ravenswood 3	16.7	327.8	333.3	3338
3252 >E	Buchanan North 345kV Voltage	Princetown-N.Scot 345	19.0	327.8	327.9	3237
3255 >E	Buchanan North 345kV Voltage	SBK Edic R70	19.2	327.8	327.8	3282
3255 >E	Pannell Road 345kV Voltage	Ravenswood 3	16.4	327.8	331.3	3342
3268 >E	Clay 345kV Voltage	SBK Edic R70	12.9	327.8	322.0	3296
3270 >E	Buchanan North 345kV Voltage	Volney-Marcy	20.0	327.8	327.0	3166
3271 >E	Roseton 345kV Voltage	SBK Edic R945	14.6	327.8	334.7	2325
3271 >E	Roseton 345kV Voltage	Edic-Gordon Rd. 345	14.6	327.8	334.7	2325
3272 >E	Ramapo 345kV Voltage	Ph2 DC 1500	19.8	327.8	344.3	3375
3274 >E	Bowline 2 345kV Voltage	Ph2 DC 1500	16.3	327.8	344.4	3376
3276 >E	Roseton 345kV Voltage	Marcy-N.Scot99 345	14.8	327.8	334.4	2228
3277 >E	Ladentown 345kV Voltage	Ph2 DC 1500	18.3	327.8	344.5	3377
3279 >E	Leeds 345kV Voltage	Marcy South N.	16.8	327.8	348.5	4011
3279 >E	Roseton 345kV Voltage	Ravenswood 3	16.3	327.8	334.3	3366
3292 >E	Pannell Road 345kV Voltage	Volney-Marcy	18.3	327.8	329.4	3185
3292 >E	Sprain Brook 345kV Voltage	SBK Princetown 345	22.9	327.8	328.9	3034
3292 >E	Sprain Brook 345kV Voltage	N.Scot-Leeds 345	23.6	327.8	328.8	3238
3293 >E	Dunwoodie 345kV Voltage	N.Scot-Leeds 345	23.8	327.8	328.8	3239
3294 >E	Dunwoodie 345kV Voltage	SBK Princetown 345	23.2	327.8	328.8	3036
3296 >E	Ramapo 500kV Voltage	N.Scot-Leeds 345	70.2	500	501.2	3242
3297 >E	Ramapo 345kV Voltage	SBK Princetown 345	17.4	327.8	330.9	3039

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3298 >E	Buchanan North 345kV Voltage	SBK Marcy R3108	20.8	327.8	325.5	3059
3300 >E	Pleasant Valley 345kV Voltage	Edic-Gordon Rd. 345	16.4	327.8	330.7	2343
3300 >E	Pleasant Valley 345kV Voltage	SBK Edic R945	16.4	327.8	330.7	2343
3303 >E	Station 80 345kV Voltage	Ravenswood 3	20.4	327.8	331.7	3388
3310 >E	Pleasant Valley 345kV Voltage	Marcy-N.Scot99 345	16.6	327.8	330.2	2243
3311 >E	Pannell Road 345kV Voltage	SBK Marcy R3108	20.1	327.8	328.4	3069
3312 >E	Sprain Brook 345kV Voltage	361-362 Dlb Ckt Twr 345	24.7	327.8	328.1	3262
3313 >E	Dunwoodie 345kV Voltage	361-362 Dlb Ckt Twr 345	24.9	327.8	328.1	3263
3316 >E	Sprain Brook 345kV Voltage	Princetown-N.Scot 345	25.1	327.8	327.9	3301
3318 >E	Dunwoodie 345kV Voltage	Princetown-N.Scot 345	25.3	327.8	327.9	3303
3318 >E	Sprain Brook 345kV Voltage	SBK Edic R70	25.2	327.8	327.8	3349
3320 >E	Dunwoodie 345kV Voltage	SBK Edic R70	25.5	327.8	327.8	3350
3322 >E	Pannell Road 345kV Voltage	Princetown-N.Scot 345	18.9	327.8	327.8	3307
3322 >E	Ramapo 345kV Voltage	N.Scot-Leeds 345	18.7	327.8	329.7	3267
3322 >E	Pannell Road 345kV Voltage	361-362 Dlb Ckt Twr 345	19.0	327.8	327.7	3272
3323 >E	Pannell Road 345kV Voltage	SBK Princetown 345	19.1	327.8	327.7	3063
3323 >E	Pannell Road 345kV Voltage	N.Scot-Leeds 345	19.0	327.8	327.7	3268
3326 >E	Pleasant Valley 345kV Voltage	Marcy South S.	26.4	327.8	346.7	3726
3328 >E	Leeds 345kV Voltage	Edic-Gordon Rd. 345	13.5	327.8	327.8	2359
3328 >E	Leeds 345kV Voltage	Marcy-N.Scot99 345	13.5	327.8	327.8	2251
3328 >E	Leeds 345kV Voltage	N.Scot-Leeds 345	13.5	327.8	327.8	3273
3328 >E	Leeds 345kV Voltage	SBK Edic R945	13.5	327.8	327.8	2359
3328 >E	Leeds 345kV Voltage	Volney-Marcy	13.5	327.8	327.8	3217
3328 >E	Leeds 345kV Voltage	SBK Marcy R3108	13.5	327.8	327.8	3081
3328 >E	Leeds 345kV Voltage	SBK Edic R70	13.5	327.8	327.8	3359
3328 >E	Leeds 345kV Voltage	SBK Princetown 345	13.5	327.8	327.8	3067
3328 >E	Leeds 345kV Voltage	Ravenswood 3	13.5	327.8	327.8	3412
3328 >E	Leeds 345kV Voltage	Princetown-N.Scot 345	13.5	327.8	327.8	3313
3328 >E	Leeds 345kV Voltage	361-362 Dlb Ckt Twr 345	13.5	327.8	327.8	3277
3329 >E	Millwood 345kV Voltage	SBK Princetown 345	21.8	327.8	329.2	3068
3329 >E	Pleasant Valley 345kV Voltage	N.Scot-Leeds 345	18.2	327.8	329.2	3274
3330 >E	Millwood 345kV Voltage	N.Scot-Leeds 345	22.5	327.8	329.2	3275
3332 >E	Buchanan South 345kV Voltage	SBK Princetown 345	20.4	327.8	329.8	3070
3338 >E	Sprain Brook 345kV Voltage	Volney-Marcy	26.2	327.8	327.0	3226
3340 >E	Dunwoodie 345kV Voltage	Volney-Marcy	26.5	327.8	327.0	3227
3340 >E	Bowline 1 345kV Voltage	Ph2 DC 1500	20.1	327.8	347.2	3401
3340 >E	Ladentown 345kV Voltage	SBK Princetown 345	18.2	327.8	330.9	3078

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3341 >E	Buchanan South 345kV Voltage	N.Scot-Leeds 345	21.4	327.8	329.4	3286
3345 >E	Pannell Road 345kV Voltage	Marcy South S.	21.6	327.8	336.9	3731
3346 >E	Ramapo 345kV Voltage	361-362 Dlb Ckt Twr 345	19.8	327.8	328.5	3295
3355 >E	Pleasant Valley 345kV Voltage	361-362 Dlb Ckt Twr 345	19.1	327.8	327.9	3303
3355 >E	Pleasant Valley 345kV Voltage	SBK Princetown 345	18.6	327.8	327.9	3091
3355 >E	Millwood 345kV Voltage	361-362 Dlb Ckt Twr 345	23.7	327.8	328.1	3304
3356 >E	Pleasant Valley 345kV Voltage	Princetown-N.Scot 345	19.2	327.8	327.8	3340
3356 >E	Ramapo 345kV Voltage	Princetown-N.Scot 345	20.3	327.8	328.0	3341
3357 >E	Ramapo 500kV Voltage	361-362 Dlb Ckt Twr 345	80.7	500	500.5	3305
3357 >E	Somerset 345kV Voltage	Ph2 DC 1500	20.6	327.8	340.7	3408
3358 >E	Pleasant Valley 345kV Voltage	SBK Edic R70	19.3	327.8	327.7	3390
3359 >E	St.Lawrence 230kV Voltage	Marcy South N.	44.3	218.5	224.1	4042
3361 >E	Millwood 345kV Voltage	Princetown-N.Scot 345	24.1	327.8	327.9	3346
3361 >E	Ramapo 345kV Voltage	SBK Edic R70	20.6	327.8	327.8	3394
3364 >E	Ladentown 345kV Voltage	N.Scot-Leeds 345	19.4	327.8	329.8	3308
3364 >E	Millwood 345kV Voltage	SBK Edic R70	24.3	327.8	327.8	3397
3365 >E	Roseton 345kV Voltage	SBK Princetown 345	17.7	327.8	329.9	3100
3367 >E	Buchanan South 345kV Voltage	361-362 Dlb Ckt Twr 345	22.6	327.8	328.3	3315
3369 >E	Sprain Brook 345kV Voltage	SBK Marcy R3108	27.4	327.8	325.8	3112
3370 >E	Pleasant Valley 345kV Voltage	Volney-Marcy	19.7	327.8	327.1	3254
3370 >E	Station 80 345kV Voltage	Volney-Marcy	23.6	327.8	329.0	3254
3370 >E	Dunwoodie 345kV Voltage	SBK Marcy R3108	27.6	327.8	325.8	3113
3371 >E	Bowline 1 345kV Voltage	SBK Princetown 345	18.1	327.8	331.2	3105
3374 >E	Buchanan South 345kV Voltage	Princetown-N.Scot 345	23.0	327.8	328.0	3359
3374 >E	Roseton 345kV Voltage	N.Scot-Leeds 345	18.4	327.8	329.5	3318
3375 >E	Bowline 2 345kV Voltage	SBK Princetown 345	18.1	327.8	331.2	3109
3378 >E	Buchanan South 345kV Voltage	SBK Edic R70	23.2	327.8	327.8	3412
3386 >E	Station 80 345kV Voltage	Marcy South S.	24.7	327.8	335.1	3741
3386 >E	Ramapo 345kV Voltage	Volney-Marcy	21.7	327.8	326.6	3268
3387 >E	Millwood 345kV Voltage	Volney-Marcy	25.4	327.8	326.8	3269
3389 >E	Ramapo 500kV Voltage	Princetown-N.Scot 345	86.6	500	500.2	3374
3390 >E	Pleasant Valley 345kV Voltage	SBK Marcy R3108	20.3	327.8	326.0	3128
3390 >E	Ladentown 345kV Voltage	361-362 Dlb Ckt Twr 345	20.5	327.8	328.5	3338
3396 >E	Pannell Road 345kV Voltage	SBK Edic R70	22.0	327.8	323.9	3431
3397 >E	Roseton 345kV Voltage	361-362 Dlb Ckt Twr	19.2	327.8	328.3	3344

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Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
		345				
3397 >E	Bowline 1 345kV Voltage	N.Scot-Leeds 345	19.4	327.8	329.9	3339
3399 >E	Station 80 345kV Voltage	Princetown-N.Scot 345	24.4	327.8	327.8	3383
3400 >E	Station 80 345kV Voltage	361-362 Dlb Ckt Twr 345	24.4	327.8	327.7	3347
3401 >E	Ladentown 345kV Voltage	Princetown-N.Scot 345	21.0	327.8	328.0	3385
3401 >E	Bowline 2 345kV Voltage	N.Scot-Leeds 345	19.4	327.8	329.9	3343
3401 >E	Station 80 345kV Voltage	N.Scot-Leeds 345	24.5	327.8	327.7	3344
3402 >E	Buchanan South 345kV Voltage	Volney-Marcy	24.3	327.8	326.7	3282
3404 >E	Station 80 345kV Voltage	SBK Princetown 345	24.6	327.8	327.6	3135
3404 >E	Roseton 345kV Voltage	Princetown-N.Scot 345	19.6	327.8	328.0	3388
3405 >E	Ramapo 500kV Voltage	Pre-Fault	89.5	NA	500	3405
3406 >E	Ladentown 345kV Voltage	SBK Edic R70	21.3	327.8	327.8	3442
3408 >E	Roseton 345kV Voltage	SBK Edic R70	19.7	327.8	327.8	3443
3409 >E	Station 80 345kV Voltage	SBK Marcy R3108	26.4	327.8	327.4	3141
3416 >E	Ramapo 500kV Voltage	Volney-Marcy	95.7	500	499.9	3295
3418 >E	Ramapo 500kV Voltage	SBK Edic R70	91.7	500	499.9	3454
3423 >E	Millwood 345kV Voltage	SBK Marcy R3108	26.6	327.8	325.4	3152
3425 >E	Bowline 1 345kV Voltage	361-362 Dlb Ckt Twr 345	20.5	327.8	328.6	3372
3429 >E	Ramapo 345kV Voltage	SBK Marcy R3108	22.8	327.8	324.5	3156
3429 >E	Roseton 345kV Voltage	Volney-Marcy	20.5	327.8	326.7	3306
3430 >E	Bowline 2 345kV Voltage	361-362 Dlb Ckt Twr 345	20.5	327.8	328.6	3376
3430 >E	Ramapo 500kV Voltage	SBK Marcy R3108	94.7	500	499.7	3157
3433 >E	Ladentown 345kV Voltage	Volney-Marcy	22.4	327.8	326.5	3310
3437 >E	Bowline 1 345kV Voltage	Princetown-N.Scot 345	21.0	327.8	328.0	3421
3440 >E	Buchanan South 345kV Voltage	SBK Marcy R3108	25.5	327.8	325.1	3164
3441 >E	Bowline 2 345kV Voltage	Princetown-N.Scot 345	21.0	327.8	328.1	3425
3443 >E	Bowline 1 345kV Voltage	SBK Edic R70	21.3	327.8	327.8	3480
3447 >E	Bowline 2 345kV Voltage	SBK Edic R70	21.3	327.8	327.8	3485
3455 >E	St.Lawrence 230kV Voltage	Marcy South S.	45.6	218.5	225.1	3759
3467 >E	Roseton 345kV Voltage	SBK Marcy R3108	21.6	327.8	324.8	3184
3471 >E	Bowline 1 345kV Voltage	Volney-Marcy	22.4	327.8	326.4	3343
3476 >E	Ladentown 345kV Voltage	SBK Marcy R3108	23.5	327.8	324.5	3191
3476 >E	Bowline 2 345kV Voltage	Volney-Marcy	22.4	327.8	326.4	3348
3477 >E	Pleasant Valley 345kV Voltage	Marcy South N.	30.5	327.8	339.9	4089
3478 >E	Coopers Corners 345kV Voltage	Marcy South N.	22.1	327.8	306.4	4089
3488 >E	Station 80 345kV Voltage	SBK Edic R70	28.6	327.8	324.1	3528
3507 >E	Watercure 230kV Voltage	Marcy-N.Scot99 345	24.3	207	222.2	2331
3507 >E	Watercure 230kV Voltage	SBK Edic R945	24.4	207	222.2	2466

Note: >E Indicates limit was above last point available - EXTRAPOLATED !
 <E Indicates limit was below first point available - EXTRAPOLATED !

Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
3507 >E	Watercure 230kV Voltage	Edic-Gordon Rd. 345	24.4	207	222.2	2466
3516 >E	Bowline 1 345kV Voltage	SBK Marcy R3108	23.5	327.8	324.3	3221
3521 >E	Bowline 2 345kV Voltage	SBK Marcy R3108	23.5	327.8	324.3	3224
3581 >E	Ramapo 500kV Voltage	Marcy South N.	105.5	500	505.6	4129
3644 >E	Watercure 230kV Voltage	Marcy South S.	27.8	207	219.6	3806
3708 >E	Millwood 345kV Voltage	Marcy South S.	47.0	327.8	342.3	3823
3760 >E	Dunwoodie 345kV Voltage	Marcy South S.	58.5	327.8	340.5	3836
3761 >E	Sprain Brook 345kV Voltage	Marcy South S.	57.9	327.8	340.5	3836
3799 >E	Roseton 345kV Voltage	Marcy South S.	38.9	327.8	346.1	3846
3802 >E	Gardenville 230kV Voltage	Pre-Fault	47.9	NA	217	3802
3817 >E	Dunwoodie 345kV Voltage	Marcy South N.	57.7	327.8	331.9	4223
3819 >E	Millwood 345kV Voltage	Marcy South N.	50.0	327.8	332.8	4223
3825 >E	Sprain Brook 345kV Voltage	Marcy South N.	57.7	327.8	331.8	4226
3825 >E	Buchanan North 345kV Voltage	Marcy South S.	48.8	327.8	338.2	3852
3827 >E	Buchanan South 345kV Voltage	Marcy South S.	46.7	327.8	342.2	3853
3856 >E	Roseton 345kV Voltage	Marcy South N.	39.5	327.8	335.4	4238
3859 >E	Rainey 345kV Voltage	Ravenswood 3	46.6	327.8	343.3	3923
3870 >E	Somerset 345kV Voltage	Marcy South N.	48.4	327.8	340.2	4244
3871 >E	Rock Tavern 345kV Voltage	Marcy South N.	38.4	327.8	321.3	4244
3894 >E	Watercure 230kV Voltage	Pre-Fault	54.0	NA	215	3894
3912 >E	Farragut 345kV Voltage	Ravenswood 3	49.0	327.8	342.6	3974
3913 >E	Watercure 230kV Voltage	Marcy South N.	69.7	207	241.0	4260
3919 >E	Buchanan North 345kV Voltage	Marcy South N.	54.8	327.8	328.8	4263
3940 >E	Somerset 345kV Voltage	Marcy South S.	41.8	327.8	335.0	3881
3959 >E	Buchanan South 345kV Voltage	Marcy South N.	51.9	327.8	331.4	4278
3967 >E	Watercure 230kV Voltage	Ravenswood 3	41.5	207	213.7	4027
3986 >E	Gardenville 230kV Voltage	SBK Edic R945	38.3	207	213.1	2751
3986 >E	Gardenville 230kV Voltage	Edic-Gordon Rd. 345	38.3	207	213.1	2751
3987 >E	Gardenville 230kV Voltage	Marcy-N.Scot99 345	38.3	207	213.1	2545
4038 >E	Niagara 345kV Voltage	Ph2 DC 1500	40.2	327.8	344.3	3669
4043 >E	Niagara 230kV East Voltage	Ph2 DC 1500	85.2	218.5	228.0	3671
4043 >E	Niagara 230kV West Voltage	Ph2 DC 1500	85.2	218.5	228.0	3671
4077 >E	Gardenville 230kV Voltage	Ravenswood 3	41.0	207	211.2	4133
4107 >E	Ladentown 345kV Voltage	Marcy South S.	48.0	327.8	342.1	3924
4127 >E	Watercure 230kV Voltage	SBK Marcy R3108	49.7	207	210.7	3673
4128 >E	Ramapo 345kV Voltage	Marcy South S.	50.0	327.8	340.3	3929
4135 >E	Watercure 230kV Voltage	Volney-Marcy	48.3	207	210.5	3928
4186 >E	Bowline 1 345kV Voltage	Marcy South S.	47.9	327.8	343.2	3944
4206 >E	Bowline 2 345kV Voltage	Marcy South S.	47.9	327.8	343.5	3949
4230 >E	Ramapo 345kV Voltage	Marcy South N.	56.3	327.8	326.5	4385
4267 >E	Gardenville 230kV Voltage	Volney-Marcy	47.7	207	207.3	4044

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
4281 >E	Gardenville 230kV Voltage	Princetown-N.Scot 345	47.9	207	207.0	4258
4283 >E	Gardenville 230kV Voltage	361-362 Dlb Ckt Twr 345	48.0	207	206.9	4203
4284 >E	Gardenville 230kV Voltage	N.Scot-Leeds 345	48.1	207	206.9	4196
4284 >E	Gardenville 230kV Voltage	SBK Princetown 345	48.2	207	206.9	3926
4292 >E	Watercure 230kV Voltage	SBK Princetown 345	53.3	207	207.6	3933
4311 >E	Ladentown 345kV Voltage	Marcy South N.	57.3	327.8	327.2	4417
4321 >E	Gardenville 230kV Voltage	SBK Marcy R3108	49.8	207	206.2	3818
4325 >E	Rainey 345kV Voltage	Pre-Fault	87.5	NA	338	4325
4327 >E	Watercure 230kV Voltage	Princetown-N.Scot 345	54.1	207	207.0	4303
4329 >E	Watercure 230kV Voltage	361-362 Dlb Ckt Twr 345	54.2	207	207.0	4247
4333 >E	Farragut 345kV Voltage	Pre-Fault	90.9	NA	338	4333
4338 >E	Goethals 345kV Voltage	Ravenswood 3	65.9	327.8	342.1	4384
4342 >E	Gardenville 230kV Voltage	SBK Edic R70	50.0	207	205.7	4425
4348 >E	Watercure 230kV Voltage	N.Scot-Leeds 345	54.9	207	206.6	4257
4392 >E	Rock Tavern 345kV Voltage	Marcy South S.	54.3	327.8	334.0	3996
4407 >E	Bowline 1 345kV Voltage	Marcy South N.	57.4	327.8	327.2	4455
4430 >E	Rainey 345kV Voltage	Ph2 DC 1500	58.5	327.8	344.3	3820
4456 >E	Farragut 345kV Voltage	Ph2 DC 1500	60.7	327.8	344.0	3830
4546 >E	Watercure 230kV Voltage	SBK Edic R70	62.2	207	202.9	4640
4583 >E	Bowline 2 345kV Voltage	Marcy South N.	62.9	327.8	324.7	4524
4614 >E	Rainey 345kV Voltage	Edic-Gordon Rd. 345	64.6	327.8	334.7	3125
4614 >E	Rainey 345kV Voltage	SBK Edic R945	64.6	327.8	334.7	3125
4639 >E	Rainey 345kV Voltage	Marcy-N.Scot99 345	65.4	327.8	334.4	2836
4643 >E	Farragut 345kV Voltage	Edic-Gordon Rd. 345	67.0	327.8	334.6	3142
4643 >E	Farragut 345kV Voltage	SBK Edic R945	67.0	327.8	334.6	3142
4668 >E	Farragut 345kV Voltage	Marcy-N.Scot99 345	67.9	327.8	334.3	2849
4856 >E	Goethals 345kV Voltage	Pre-Fault	126.6	NA	338	4856
4989 >E	Goethals 345kV Voltage	Ph2 DC 1500	82.3	327.8	344.0	4035
5001 >E	Rainey 345kV Voltage	SBK Princetown 345	78.8	327.8	330.3	4570
5022 >E	Niagara 230kV East Voltage	Marcy South S.	146.4	218.5	222.2	4156
5022 >E	Niagara 230kV West Voltage	Marcy South S.	146.4	218.5	222.2	4156
5038 >E	Farragut 345kV Voltage	SBK Princetown 345	81.8	327.8	330.2	4603
5060 >E	Rainey 345kV Voltage	N.Scot-Leeds 345	81.5	327.8	329.6	4945
5099 >E	Farragut 345kV Voltage	N.Scot-Leeds 345	84.6	327.8	329.6	4983
5138 >E	Coopers Corners 345kV Voltage	Marcy South S.	61.2	327.8	280.6	4185
5142 >E	Niagara 345kV Voltage	Marcy South S.	73.5	327.8	335.2	4186
5169 >E	Rainey 345kV Voltage	361-362 Dlb Ckt Twr 345	85.6	327.8	328.4	5062
5202 >E	Rainey 345kV Voltage	Princetown-N.Scot 345	86.9	327.8	328.0	5170

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
5211 >E	Farragut 345kV Voltage	361-362 Dlb Ckt Twr 345	88.9	327.8	328.3	5102
5217 >E	Rainey 345kV Voltage	SBK Edic R70	87.5	327.8	327.8	5346
5244 >E	Farragut 345kV Voltage	Princeton-N.Scot 345	90.2	327.8	328.0	5212
5259 >E	Farragut 345kV Voltage	SBK Edic R70	90.8	327.8	327.8	5390
5275 >E	Goethals 345kV Voltage	Edic-Gordon Rd. 345	92.5	327.8	334.7	3517
5275 >E	Goethals 345kV Voltage	SBK Edic R945	92.5	327.8	334.7	3517
5305 >E	Goethals 345kV Voltage	Marcy-N.Scot99 345	93.5	327.8	334.5	3133
5319 >E	Rainey 345kV Voltage	Volney-Marcy	91.2	327.8	326.6	4969
5362 >E	Farragut 345kV Voltage	Volney-Marcy	94.7	327.8	326.7	5007
5389 >E	Rainey 345kV Voltage	SBK Marcy R3108	93.3	327.8	325.8	4610
5426 >E	Farragut 345kV Voltage	SBK Marcy R3108	96.6	327.8	326.0	4637
5825 >E	Goethals 345kV Voltage	SBK Princeton 345	113.5	327.8	330.3	5311
5921 >E	Goethals 345kV Voltage	N.Scot-Leeds 345	117.7	327.8	329.6	5776
6076 >E	Goethals 345kV Voltage	361-362 Dlb Ckt Twr 345	123.7	327.8	328.4	5941
6123 >E	Goethals 345kV Voltage	Princeton-N.Scot 345	125.6	327.8	328.0	6082
6136 >E	Niagara 345kV Voltage	Marcy South N.	118.9	327.8	343.3	5136
6146 >E	Goethals 345kV Voltage	SBK Edic R70	126.5	327.8	327.8	6322
6267 >E	Goethals 345kV Voltage	SBK Marcy R3108	130.4	327.8	326.9	5260
6277 >E	Goethals 345kV Voltage	Volney-Marcy	131.5	327.8	326.8	5813
6570 >E	Gardenville 230kV Voltage	Marcy South S.	138.1	207	218.9	4548
6627 >E	Gardenville 230kV Voltage	Ph2 DC 1500	141.1	207	243.9	4664
7526 >E	Rainey 345kV Voltage	Marcy South S.	177.8	327.8	350.2	4791
7564 >E	Farragut 345kV Voltage	Marcy South S.	182.7	327.8	349.7	4800
7779 >E	Rainey 345kV Voltage	Marcy South N.	185.1	327.8	335.2	5783
7858 >E	Farragut 345kV Voltage	Marcy South N.	191.9	327.8	335.1	5814
8562 >E	Niagara 230kV East Voltage	Marcy South N.	410.2	218.5	231.4	6091
8562 >E	Niagara 230kV West Voltage	Marcy South N.	410.2	218.5	231.4	6091
8645 >E	Northport 138kV Voltage	Ph2 DC 1500	450.7	131.1	139.0	5439
9083 >E	Goethals 345kV Voltage	Marcy South S.	244.0	327.8	350.2	5186
9560 >E	Goethals 345kV Voltage	Marcy South N.	260.4	327.8	335.5	6484
19682 >E	Northport 138kV Voltage	Marcy South N.	1322.3	131.1	133.7	10469
26021 >E	Somerset 345kV Voltage	SBK Edic R945	1022.8	327.8	590.5	15858
26021 >E	Somerset 345kV Voltage	Edic-Gordon Rd. 345	1022.8	327.8	590.5	15859
29003 >E	Northport 138kV Voltage	Ravenswood 3	2102.4	131.1	146.6	28106
30034	Somerset 345kV Voltage	Marcy-N.Scot99 345	1201.4	327.8	632.2	14173

Note: >E Indicates limit was above last point available - EXTRAPOLATED !

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Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_OP

Limit	<-----FACILITY----->	<---CONTINGENCY---	MW Change/+1 kV	-----kV-----		Interface Post Flow
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>E						
36724	Northport 138kV Voltage	Marcy South S.	2660.5	131.1	145.7	12194
>E						
43256	Northport 138kV Voltage	Edic-Gordon Rd. 345	3180.1	131.1	148.1	26111
>E						
43256	Northport 138kV Voltage	SBK Edic R945	3180.1	131.1	148.1	26110
>E						
46979	Northport 138kV Voltage	Marcy-N.Scot99 345	3471.8	131.1	148.5	21737
>E						
99998	Gardenville 230kV Voltage	Marcy South N.	NA	207	NA	99998
>E						
99998	Niagara 345kV Voltage	Pre-Fault	NA	NA	338	99998
>E						
99998	Niagara 345kV Voltage	Edic-Gordon Rd. 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Marcy-N.Scot99 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R945	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
>E						
99998	Niagara 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
>E						
99998	Northport 138kV Voltage	Pre-Fault	NA	NA	135	99998
>E						
99998	Northport 138kV Voltage	N.Scot-Leeds 345	NA	131.1	NA	99998
>E						
99998	Northport 138kV Voltage	Volney-Marcy	NA	131.1	NA	99998
>E						

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Interface: Central East

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1: 2023S CEVC PH2 CE2600 MS2270 DE1710 50 UCC2-41_3722_OP

Limit	<-----FACILITY----->	<---CONTINGENCY--->	MW Change/+1 kV	-----kV-----		Interface Post Flow
				<-Post->	<-Pre->	
99998 >E	Northport 138kV Voltage	SBK Marcy R3108	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	SBK Edic R70	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	Princetown-N.Scot 345	NA	131.1	NA	99998
99998 >E	Northport 138kV Voltage	361-362 Dlb Ckt Twr 345	NA	131.1	NA	99998
99998 >E	Somerset 345kV Voltage	Pre-Fault	NA	NA	338	99998
99998 >E	Somerset 345kV Voltage	N.Scot-Leeds 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Volney-Marcy	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Marcy R3108	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Edic R70	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	SBK Princetown 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Princetown-N.Scot 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	361-362 Dlb Ckt Twr 345	NA	327.8	NA	99998
99998 >E	Somerset 345kV Voltage	Ravenswood 3	NA	327.8	NA	99998
99999 >E	Northport 138kV Voltage	SBK Princetown 345	NA	131.1	NA	99999

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